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September 5, 2023

Mr. Oliver Wolfe
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7014

Re: Quarterly Groundwater Monitoring Report – 2023 Q2
Ithaca Court Street Former MGP Site (NYSDEC Site No. 755008)
Ithaca, New York
D&B No. 5811

Dear Mr. Wolfe:

On behalf of New York State Electric & Gas Corporation (NYSEG), D&B Engineers and Architects, DPC (D&B) is submitting this letter report to summarize the 2023 Quarter 2 (Q2) groundwater monitoring event (GME) conducted at the Ithaca Court Street Former Manufactured Gas Plant (MGP) Site Operable Unit 2 in Ithaca, New York (the "Site"). A site location map is presented as **Figure 1 – Site Location Map**.

Background

The NYSEG Ithaca site is divided into two operable units (OUs). Operable Unit 1 (OU-1) consists of the former MGP parcel, former tar duct structures under West Court Street from the Site to North Meadow Street, and the surrounding sidewalk areas. Operable Unit 2 (OU-2) consists of any areas outside of the OU-1 boundary that may have been impacted by the migration of MGP residuals from OU-1 source materials. A Site Plan depicting these operable units is presented as **Figure 2 – Site Plan**.

As detailed in the Draft Site Management Plan (SMP) dated April 2023, the primary constituents of concern at the Site are benzene, toluene, ethylbenzene, and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs) and cyanide. All remedial actions have been successfully completed at the Site in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC). The scope of the Q2 GME presented in the SMP includes the collection of groundwater samples from eight existing groundwater monitoring wells using low stress (low flow) purging and sampling techniques for laboratory analysis. Details and the results of the Q2 GME are presented below.

2023 Q2 Groundwater Sampling Event Summary

The Q2 GME was conducted by D&B on June 19, 2023 and June 20, 2023 in accordance with the long-term plan to monitor the quality of groundwater at the Site and offsite areas presented in the SMP. Prior to the commencement of sampling activities, a Site inspection was performed by D&B to document general

Site conditions and Site usage. No indications of unauthorized excavations or breaches in the cover systems at OU-1 or OU-2 were observed based on the results of inspections performed. As part of these activities, a visual inspection of the on-site and off-site groundwater monitoring well network was also performed for signs of damage to well casings/collars, proper well labeling/identification and any evidence of any tampering/damage to well covers and locks. The results of these inspections are documented in **Table 1 - Groundwater Monitoring Well Observations**. Provided below is a general overview of the conditions observed as part of these inspections:

- Water was observed in the well box above the J-plug and near the top of the riser at monitoring wells MW-C11 and MW-C16, respectively. The water was removed from the annular space using a peristaltic pump prior to removing the J-plugs at these locations.

- Several wells were missing bolts and/or the threaded tabs used to secure the well cover.

- The J-plug was not installed at monitoring well MW-13S as the riser elevation was too high and interfered with the manhole cover. As a temporary means to secure the well, a nitrile glove was secured over the well riser with a zip tie prior to securing the cover. The well riser will need to be cut down as part of subsequent sampling events to ensure proper installation of the well J-plug within the well box.

- Several wells were found to be unlabeled, or labels were found to have worn off. These wells were labeled with a permanent marker on the top surface of each respective well J-plug.

D&B subsequently gauged water table elevations and total well depth measurements at each of the eight monitoring wells included as part of this quarterly GME (MW-C11, MW-C12, MW-C16, MW-13S, MW-22S, MW-23S, MW-46S, MW-48S) as shown on **Figure 3** – **2nd Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide**. During the well gauging, D&B also assessed each well for the presence of nonaqueous phase liquid (NAPL) utilizing an oil/water interface probe. NAPL was not detected within any of the wells during the well gauging. However, it should be noted that tar-like staining was observed on the oil/water interface probe and tape when removed from monitoring well MW-46S. This material also exhibited a petroleum/coal tar like odor.

Using a peristaltic pump and dedicated tubing, D&B purged each well using USEPA low stress (low flow) purging and sampling procedures to collect groundwater samples from each well. Prior to sample collection, field parameters were allowed to stabilize and are presented on the Groundwater Sampling Records, provided in **Attachment A**. A summary of the final field parameter results are presented in **Table 2**. Groundwater samples were collected in laboratory supplied containers, labeled and stored on wet ice in the laboratory supplied coolers in accordance with following United States Environmental Protection Agency (USEPA) SW-846 requirements. Purge and decontamination water was containerized in a clean 55-gallon open top drum staged in the secured drum storage area for disposal by NYSEG.

The collected eight groundwater monitoring well samples and associated quality control samples (i.e., blind duplicate, matrix spike and matrix spike duplicate) were relinquished following standard chain-of-custody procedures to Eurofins Service Center in Syracuse, New York for laboratory analysis. Each groundwater sample was submitted for the following laboratory analysis using the following USEPA SW-846 methods:

- Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) via Method 8260C;
- Polycyclic Aromatic Hydrocarbons (PAHs) - 16 Priority Pollutants via Method 8270E;
- Low Level PAHs (seven select analytes) via Method 8270E SIM; and
- Total Cyanide via Method 9012B.

The laboratory analytical report prepared by Eurofins Buffalo, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, is provided as **Attachment B**. The data package submitted by the analytical laboratory was validated by D&B in accordance with New York State Department of Environmental Conservation (NYSDEC) quality assurance/quality control (QA/QC) requirements. The Data Usability Summary Report (DUSR) is provided as **Attachment C**. A discussion of the laboratory analytical results is presented below.

Laboratory Analytical Results

Analytical results for samples collected from the eight groundwater monitoring wells as part of this sampling event are summarized in **Table 3** – **Groundwater Analytical Results – BTEX, PAHs, and Cyanide**. Results of samples collected were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA groundwater (herein referred to as the Class GA groundwater standards). Provided below is a brief summary of all exceedances of Class GA groundwater standards. Refer to **Figure 3 – 2nd Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide** for a Site Plan depicting analytical results for all wells sampled as part of this GME.

BTEX

Detectable concentrations of BTEX compounds were identified in 3 of the 8 groundwater monitoring wells, including MW-23S, MW-46S, and MW-48S. The highest concentration of total BTEX of 590 ug/l was detected at MW-46S. The sample collected from MW-23S exhibited the next highest concentration of total BTEX of 120 ug/l, followed MW-46S at 50 ug/L. VOCs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-23S, MW-46S, and MW-48S as follows:

- Benzene was detected above the Class GA groundwater standard of 1 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, and MW-48S), ranging in concentration from 2.1 ug/l at MW-23S to 220 ug/l at MW-46S.

- Toluene was not detected above the Class GA groundwater standard of 5 ug/l in any of the groundwater monitoring wells.

- Ethylbenzene was detected above the Class GA groundwater standards of 5 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, and MW-48S), ranging in concentration from 14 ug/l at MW-23S to 280 ug/l at MW-46S.

- Total xylene was detected above the Class GA groundwater standards of 5 ug/l in three groundwater monitoring wells (MW-23S, MW-46S, and MW-48S), ranging in concentration from 9.7 ug/l at MW-48S to 88 ug/l at MW-46S.

PAHs

Detectable concentrations of PAHs were identified in 6 of the 8 groundwater monitoring wells, including MW-C11, MW-C12, MW-C16, MW-23S, MW-46S, and MW-48S. A total of seven PAHs were detected in at least one groundwater monitoring well above the Class GA groundwater standards. The highest concentration of total PAHS of 148.7 ug/l was detected at MW-46S. The sample collected from MW-23S exhibited the next highest concentration of total PAHs of 81.76 ug/l, followed in decreasing order by MW-C12, MW-48S, MW-C16, and MW-C11. PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C11, MW-C12, MW-C16, MW-23S, MW-46S and MW-48S as follows:

- Benzo(a)anthracene was detected above the Class GA groundwater standard of 0.002 ug/l in five groundwater monitoring wells (MW-C11, MW-C16, MW-23S, MW-46S, and MW-48S) at concentrations ranging from 0.022J ug/l at MW-C16 to 0.4 ug/l at MW-46S.

- Benzo(a)pyrene was detected above the Class GA groundwater standard of 0 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.23 ug/l.

- Benzo(b)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.13 ug/l.

- Benzo(k)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.05 ug/l.

- Indeno(1,2,3-cd)pyrene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring well (MW-46S) at a concentration of 0.078 ug/l.

- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in four groundwater monitoring wells (MW-C12, MW-23S, MW-46S, and MW-48S) at concentrations ranging from 25 J ug/l at MW-48S to 52 J ug/l at MW-C12.

- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in two groundwater monitoring wells (MW-46S and MW-48S) at concentrations of 98 J ug/l at MW-46S and 27 J ug/l at MW-48S.

Total Cyanide

Detectable concentrations of total cyanide were identified in one of the 8 groundwater monitoring wells. At monitoring well MW-22S, cyanide was detected above the Class GA groundwater standard of 0.2 mg/l at a concentration of 0.58 J ug/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the Second Quarter 2023 samples collected in June 2023 is consistent with the results from previous groundwater monitoring events. The highest BTEX and PAH concentrations being

observed in monitoring wells MW-23S, MW-46S and MW-48S. The highest BTEX concentrations were detected in MW-46S with a total BTEX concentration of 590 ug/l. MW-46S also exhibited the highest PAH concentrations. Six of the eight monitoring wells exhibited one or more targeted compounds at concentrations above respective Class GA groundwater standards and guidance values.

At this time, it is recommended that the long-term groundwater monitoring program continue to be implemented in accordance with the SMP to collect additional data and assess future trends. In accordance with the SMP, the scope of the 2023 Quarter 3 GME includes the collection of groundwater samples from fifteen existing groundwater monitoring wells that will be conducted in September 2023.

Please do not hesitate to contact Levia Terrell at (607) 423-1652 or myself at (315) 558-1590 if you have any questions or require additional information.

Very truly yours,

Gunther J. Schnorr
Senior Engineer

GJSt/cf
Cc: Levia Terrell; NYSEG
Tracy Blazicek, CHMM, PMP; NYSEG
Frank DeVita: D&B
Thomas P. Fox, P.G.: D&B
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TABLES

Table 1 – Groundwater Monitoring Well Observations
Table 2 – Summary of Final Field Parameter Results
Table 3 – Groundwater Analytical Results – BTEX, PAHs, and Cyanide

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – 2nd Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide

ATTACHMENTS

Attachment A – Groundwater Sampling Records
Attachment B – Laboratory Analytical Report
Attachment C – Data Usability Summary Report

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2023 Q2 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	Top of Riser (AMSL)	Total Well Depth (ft BTOR)	Depth to Water (ft BTOR)	Groundwater Elevation (ft AMSL)	NAPL Present (Y / N)	Comments/Notes
MW-C11	391.67	17.16	5.40	386.27	N	Annualar space filled with water over J-plug (removed over 1 gallon). One of two treaded flanges missing (one bolt secures cover).
MW-C12	392.20	6.04	17.05	375.15	N	Good condition.
MW-C16	391.53	4.96	15.95	375.58	N	Water in annualar space below J-plug (removed). Two of three treaded flanges missing (one bolt secures cover). Spongy bottom.
MW-13S	391.67	6.76	14.40	377.27	N	J-plug off as riser to high for J-plug to fit. Root mass obstructed tubing. Used zip tie to secure glove over riser prior to installing cover.
MW-22S	391.67	4.17	13.97	377.70	N	Good condition. Located in flower bed west of driveway.
MW-23S	391.67	6.38	13.62	378.05	N	Two of three threaded flanges missing (one bolt secures cover).
MW-46S	391.67	4.25	16.80	374.87	N	Good condition. Tar-like staining on interface probe and tape. Petroleum/coal tar like odor. Spongy bottom.
MW-48S	391.67	3.87	13.40	378.27	N	Good condition. Spongy bottom.

Notes:

1. Total well depth and depth to water were measured during synoptic round conducted on June 19, 2023.
2. AMSL = above mean sea level.
3. ft BTOR = feet below top of riser.
4. Top of riser elevations presented above are from Table 1 presented in July 21, 2022 Groundwater Monitoring Event Report - 2022 Q1 (Parsons, 2022).

TABLE 2 - SUMMARY OF FINAL FIELD PARAMETER RESULTS

2023 Q2 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	pH	Temperature (^{o}C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)
MW-C11	7.26	17.89	5.53	4.9	0.64	-125
MW-C12	7.23	15.54	1.43	1.4	0.00	-110
MW-C16	7.10	17.38	2.01	21.9	0.00	-132
MW-13S	7.16	17.96	2.00	6.0	0.00	-25
MW-22S	6.86	15.50	0.823	1.5	1.66	295
MW-23S	7.05	16.30	1.08	3.0	0.00	-74
MW-46S	7.14	15.05	0.994	6.6	0.00	-111
MW-48S	7.22	17.62	3.54	2.5	0.00	-108

Notes:

1. The table above represent the final stabilized parameters prior to sample collection using low flow sampling techniques.

Abbreviations:

^{o}C: degrees celsius
mS/cm: millisiemens per centimeter
NTUs: nephelometric turbidity units
DO: dissolved oxygen
mg/L: milligrams per liter
ORP: oxidation-reduction potential
mV: millivolts

TABLE 3
2023 Q2 Groundwater Monitoring Event Analitical Results
BTEX, PAHs, and Cyanide
Ithaca Court Street Former MGP Site (NYSDEC Site No. 755008)

	Sample ID	MW-C11	MW-C12	DUP-1	MW-13S	MW-C16	MW-22S	MW-23S	MW-46S	MW-48S
	Sampling Date	6/19/2023	6/19/2023	6/19/2023	6/19/2023	6/19/2023	6/20/2023	6/19/2023	6/20/2023	6/19/2023
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	TOGS Class GA Groundwater Standards									
Benzene	1	1 U	1 U	1 U	1 U	5 U	1 U	**2.1**	**220**	**26**
Toluene	5	1 U	1 U	1 U	1 U	5 U	1 U	2.5	4.4 J	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	5 U	1 U	**69**	**280**	**14**
M,P-Xylenes	5	2 U	2 U	2 U	2 U	10 U	2 U	**9.1**	**17**	1.4 J
O-Xylene	5	1 U	1 U	1 U	1 U	5 U	1 U	**41**	**71**	**8.3**
Xylenes	5	2 U	2 U	2 U	2 U	10 U	2 U	**50**	**88**	**9.7**
BTEX	--	2 U	2 U	2 U	2 U	10 U	2 U	120	590	50
Semivolatile Organic Compounds in ug/l										
Benzo(a)anthracene	0.002	**0.027 J**	0.05 U	0.05 U	0.05 U	**0.022 J**	0.05 U	**0.09**	**0.4**	**0.042 J**
Benzo(a)pyrene	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.23**	0.05 U
Benzo(b)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.13**	0.05 U
Benzo(ghi)perylene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.082	0.05 U
Benzo(k)fluoranthene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.05**	0.05 U
Dibenzo(a,h)anthracene	--	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.034 J	0.05 U
Indeno(1,2,3-cd)pyrene	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.078**	0.05 U
Acenaphthene	20	10 UJ	**52 J**	**48 J**	10 UJ	8 J	10 UJ	**51 J**	**29 J**	**25 J**
Acenaphthylene	--	10 U	10 U	10 U	10 U	10 U	10 U	0.97 J	1.1 J	10 U
Anthracene	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	2.9 J	1.7 J	10 UJ
Chrysene	0.002	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Fluoranthene	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	1.4 J	1 J	10 UJ
Fluorene	50	10 UJ	6.5 J	5.9 J	10 UJ	10 UJ	10 UJ	14 J	7.7 J	1.9 J
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U	2 U	**98 J**	**27 J**
Phenanthrene	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	9.1 J	7.5 J	2.9 J
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U	2.3 J	1.7 J	10 U
Cyanide in mg/l	0.2	0.018 UBJ	0.018 UBJ	0.021 UBJ	0.0088 UBJ	0.015 UBJ	**0.58 J**	0.014 UBJ	0.0099 UBJ	0.0091 UBJ

Footnotes/Qualifiers:

ug/l: Micrograms per liter
mg/l: Milligrams per liter
U: Analyzed but not detected
J: Estimated value or limit
--: No limit
Exceeded TOGs Class GA GW standard

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FIGURES

NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

D&B ENGINEERS AND ARCHITECTS

SCALE: N.T.S.

SITE LOCATION MAP

FIGURE 1

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LEGEND:

OU1 AREA

OU2 AREA

NOTES:

1. BASE MAP PROVIDED BY NYSEG ON 4/27/2023

OU-2

OU-2

OU-2

SITE

OU-1

CASCADILLA STREET

ESTY STREET

WEST COURT STREET

NORTH FULTON STREET

MEADOW STREET

NORTH MEADOW STREET

PARK PLACE

WASHINGTON STREET

NORTH PLAIN STREET

FIFTH STREET

MADISON STREET

FOURTH STREET

D&B ENGINEERS AND ARCHITECTS

NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SITE PLAN

SCALE: N.T.S.

FIGURE 2

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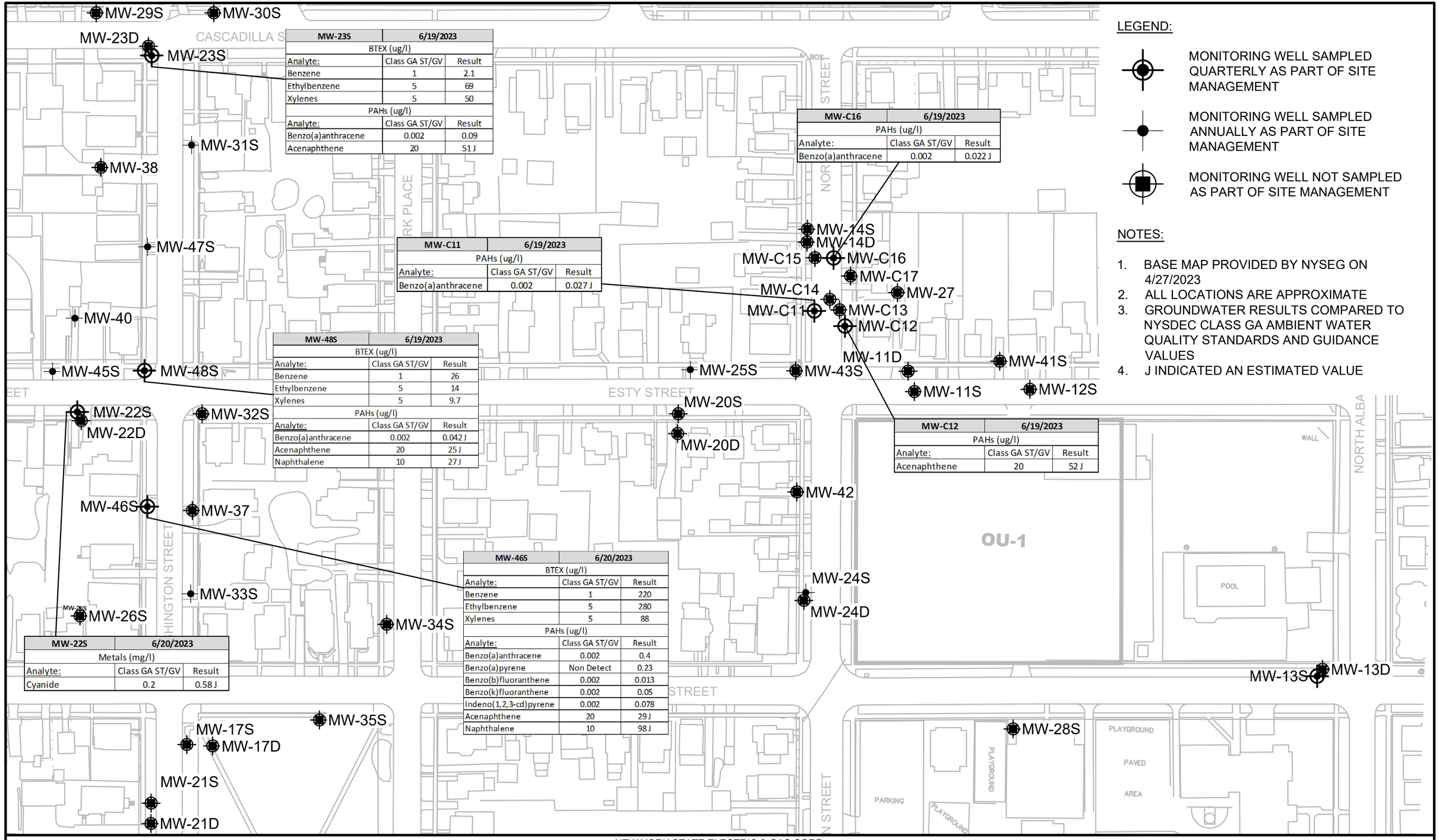

MW-23S	6/19/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	2.1
Ethylbenzene	5	69
Xylenes	5	50
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.09
Acenaphthene	20	51 J

MW-C16	6/19/2023	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.022 J

MW-C11	6/19/2023	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.027 J

MW-48S	6/19/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	26
Ethylbenzene	5	14
Xylenes	5	9.7
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.042 J
Acenaphthene	20	25 J
Naphthalene	10	27 J

MW-C12	6/19/2023	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	52 J

MW-46S	6/20/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	220
Ethylbenzene	5	280
Xylenes	5	88
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.4
Benzo(a)pyrene	Non Detect	0.23
Benzo(b)fluoranthene	0.002	0.013
Benzo(k)fluoranthene	0.002	0.05
Indeno(1,2,3-cd)pyrene	0.002	0.078
Acenaphthene	20	29 J
Naphthalene	10	98 J

MW-22S	6/20/2023	
Metals (mg/l)		
Analyte:	Class GA ST/GV	Result
Cyanide	0.2	0.58 J

LEGEND:

- MONITORING WELL SAMPLED QUARTERLY AS PART OF SITE MANAGEMENT
- MONITORING WELL SAMPLED ANNUALLY AS PART OF SITE MANAGEMENT
- MONITORING WELL NOT SAMPLED AS PART OF SITE MANAGEMENT

NOTES:

1. BASE MAP PROVIDED BY NYSEG ON 4/27/2023
2. ALL LOCATIONS ARE APPROXIMATE
3. GROUNDWATER RESULTS COMPARED TO NYSDEC CLASS GA AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES
4. J INDICATED AN ESTIMATED VALUE

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NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SCALE: N.T.S.

2ND QUARTER 2023 GROUNDWATER ANALYTICAL EXCEEDANCES BTEX, PAHs, CYANIDE

FIGURE 3

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ATTACHMENTS

ATTACHMENT A

Groundwater Sampling Records

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/2023

WELL ID: MW-C11 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.40
Depth of Well (feet from top of casing/riser)..... 17.16
Depth to 10/15 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump (low flow)	X	Bladder Pump (Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	11.76 ft. of water x 0.16 =	1.88	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 21.25 gal. plus 1 gallon from casing >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1125	150ml/m	5.82	7.37	18.81	7.00	170	13.49	-149
1130		5.90	7.18	17.75	6.30	53.9	2.64	-142
1135		5.90	7.23	17.95	5.80	25.0	1.70	-135
1140		5.90	7.25	18.01	5.60	12.8	1.23	-129
1145		5.88	7.26	17.98	5.55	8.1	0.99	-127
1150		5.89	7.26	17.92	5.54	5.9	0.79	-126
1155		5.89	7.26	17.89	5.53	4.9	0.64	-125
1200								

Purge Volume: 1.25 Purging Time: 35mm
Purge Rate (gph): 35/60 = 2.14 gph

Sampling

Time of Sample Collection: 1155 Sample: MW-C11_20230619

Method:		Analyses:	
____	Stainless steel bailer	X	BTEX (8260C)
____	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
____	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
____	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing	____	

over T-plug

Observations

Well Observations: Good: (Yes) No* 1 bolt, 1 threaded flange, 1 gallon water pumped from ann-lar Space
Weather/Temperature: 73°F, Mostly Sunny, 0-5mph SE
Sample description: Clear
Free Product? yes ____ no X describe ____
Sheen? yes ____ no X describe ____
Odor? yes ____ no X describe ____

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/23

WELL ID: MW-C12 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.04
Depth of Well (feet from top of casing/riser)..... 17.05
Depth to 15 / 17 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	11.01 ft. of water x 0.16 =	1.76	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 2.125 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1250	<150	6.50	7.39	19.96	4.04	1.3	4.02	-175
1255		6.55	7.26	16.30	2.44	0.0	0.97	-141
1300		6.60	7.27	15.78	1.75	0.0	0.50	-122
1305		6.60	7.26	15.82	1.56	0.0	0.29	-113
1310		6.65	7.30	15.53	1.48	0.0	0.13	-117
1315		6.66	7.31	15.52	1.44	0.8	0.00	-115
1320		6.67	7.23	15.52	1.43	1.4	0.00	-110

Purge Volume: 1.25 Purging Time: 35m
Purge Rate (gph): (35/60) = 2.14 gph

Sampling

Time of Sample Collection: 1320 Sample: MW-C12_20230619

Method:
- ____ Stainless steel bailer
- ____ Teflon bailer
- ____ Disp. Bladder Pump
- ____ Disposable bailer
- X Dedicated tubing

Analyses:
- X BTEX (8260C)
- X PAHs - 16 Priority Pollutants (8270E)
- X Select Site Specific PAHs (8270E SIM)
- X Total Cyanide (9012B)

Observations

Well Observations: Good: (Yes) / No*
Weather/Temperature: 74°F, Mostly Sunny 0-5mph SE
Sample description: Clear
Free Product? yes ____ no X describe ____
Sheen? yes ____ no X describe ____
Odor? yes ____ no X describe ____

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/2023

WELL ID: MW-C16 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.96
Depth of Well (feet from top of casing/riser)..... 15.95
Depth to 9 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump (low flow)	X	Bladder Pump (Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	10.99 ft. of water x 0.16 =	1.76	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.65 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1355	~175	6.58	7.15	17.82	2.72	95.1	7.21	-98
1400		7.39	~~7.39~~ 6.99	17.50	1.88	53.6	0.41	-111
1405		7.90	7.02	17.77	1.82	42.5	0.14	-121
1410		8.24	7.05	17.82	1.80	30.0	0.01	-125
1415		8.64	7.07	17.63	1.98	23.6	0.00	-128
1420		8.95	7.09	17.64	1.97	22.1	0.00	-129
1425		9.29	7.10	17.38	2.01	21.9	0.00	-132

Purge Volume: 1.65 Purging Time: 2.83 gph
Purge Rate (gph): 35mm/60

Sampling

Time of Sample Collection: 1425 MW-C16_20230619

Method:

___	Stainless steel bailer
___	Teflon bailer
___	Disp. Bladder Pump
___	Disposable bailer
X	Dedicated tubing

Analyses:

X	BTEX (8260C)
X	PAHs - 16 Priority Pollutants (8270E)
X	Select Site Specific PAHs (8270E SIM)
X	Total Cyanide (9012B)

Observations

Well Observations: Good: (Yes) / No* Water in Casing Close to J-Plug, only 1 bolt of 3 (tabs intact)
Weather/Temperature: 79°F, PM, Sunny, 0-5 East
Sample description: Clear

Free Product? yes	___	no	X	describe
Sheen? yes	___	no	X	describe
Odor? yes	X	no	~~X~~	describe Slight petroleum like odor

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/2023

WELL ID: MW-135 Time On-site: Time Off-site:

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 6.76
Depth of Well (feet from top of casing/riser)..... 14.40

Depth to 4.14 of screen (top / bottom) - Assumed w/ Key Log

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump (low flow)	X	Bladder Pump (Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	7.64 ft. of water x 0.16 =	1.22	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.75 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X Shut down Clam cell turbidity

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
15:30	250	6.80	7.38	19.11	2.25	625	9.09	-117
15:35		6.80	7.44	18.48	2.13	169	4.00	-93
1540		6.80	7.27	17.68	2.09	66.2	0.92	-79
15:45		6.80	7.22	17.71	2.03	36.1	0.41	-58
1550		6.80	7.19	17.89	2.01	30.8	0.21	-43
1555		6.80	7.17	17.86	2.00	20.1	0.08	-35
1600		6.80	7.17	17.91	2.00	12.8	0.02	-30
1605		6.80	7.17	17.91	2.00	7.9	0.00	-26
1610		6.80	7.16	17.96	2.00	6.0	0.00	-25

Purge Volume: 1.75 Purging Time:
Purge Rate (gph): 45/60 = 2.33gph

Sampling

Time of Sample Collection: 1610 Sample: MW-135_20230619

Method:		Analyses:	
___	Stainless steel bailer	X	BTEX (8260C)
___	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
___	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
___	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing	___	

Observations

Well Observations: Good (Yes)/No* well ok. Root Mass Sealed in tubing.
Weather/Temperature: 80°F, Mostly Sunny, 0-5 E.
Sample description: Clear

Free Product? yes ___ no X describe ___
Sheen? yes ___ no X describe ___
Odor? yes ___ no X describe ___

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/20/23

WELL ID: MW-225 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 4.17
Depth of Well (feet from top of casing/riser) 13.97
Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.77 ft. of water x 0.16 =	1.56	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1.5 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1450	~150	4.46	7.26	20.04	0.790	4.1	12.54	214
1455		4.58	6.94	15.73	0.827	1.9	3.81	270
1500		4.60	6.88	15.65	0.822	0.4	2.96	279
1505		4.62	6.87	15.69	0.823	0.0	2.53	287
1510		4.63	6.87	15.67	0.824	0.6	2.30	289
1515		4.64	6.87	15.56	0.823	0.6	2.00	291
1520		4.65	6.86	15.54	0.823	1.1	1.80	293
1525		4.65	6.86	15.51	0.823	1.4	1.74	294
1530		4.66	6.86	15.50	0.823	1.5	1.66	295

Purge Volume: 1.5g Purging Time: 45m
Purge Rate (gph): $\frac{1.5}{(\frac{45}{60})} = 2$gph

Sampling
Time of Sample Collection: 1530 Sample: MW-225_20230620

Method:		Analyses:	
____	Stainless steel bailer	X	BTEX (8260C)
____	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
____	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
____	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing		

Observations
Well Observations: Good / Yes / No* one of 3 bolts present
Weather/Temperature: 80s / Mostly Cloudy 0-5mph E
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes ____ no X describe
* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/23

WELL ID: MW-235 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.38
Depth of Well (feet from top of casing/riser)..... 13.62
Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	7.24 ft. of water x 0.16 =	1.16	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 1 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1650	~~1650~~	6.40	7.09	16.57	1.14	12.6	7.04	-74
1655		6.41	7.05	16.08	1.12	4.3	0.47	-75
1700		6.41	7.05	16.16	1.09	1.9	0.11	-74
1705		6.41	7.05	16.17	1.08	2.7	0.0	-74
1710		6.41	7.05	16.30	1.08	3.0	0.0	-74
1715								
1720								
1725								

Purge Volume: 1/25 Purging Time: 25mm
Purge Rate (gph): 1/25/60 ~ 2.4gph

Sampling

Time of Sample Collection: 1710 MW-235_20230619 MS/MSD

Method:
- ____ Stainless steel bailer
- ____ Teflon bailer
- ____ Disp. Bladder Pump
- ____ Disposable bailer
- X Dedicated tubing

Analyses:
- X BTEX (8260C)
- X PAHs - 16 Priority Pollutants (8270E)
- X Select Site Specific PAHs (8270E SIM)
- X Total Cyanide (9012B)

Observations

Well Observations: Good: (Yes) / No* 2 of 3 tabs on cover broken, no bolts
Weather/Temperature: 80°F
Sample description: Clear
Free Product? yes ____ no X describe ____
Sheen? yes ____ no X describe ____
Odor? yes ____ no X describe ____

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/20/23

WELL ID: MW-46S Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 4.25
Depth of Well (feet from top of casing/riser) 16.80
Depth to 8 / 18 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable Bladder Pump	
Peri Pump (low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	12.55 ft. of water x 0.16 =	2.01	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 2 gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
0800	~150	4.57	7.25	15.52	0.918	29.1	7.84	-98
0805		4.57	7.12	14.95	0.906	24.6	1.64	-101
0810		4.59	7.09	14.98	0.906	23.3	0.88	-102
0815		4.67	7.10	14.74	0.908	20.4	0.36	-105
0820		4.69	7.11	14.83	0.934	12.8	0.13	-107
0825		4.69	7.13	14.97	0.964	8.8	0.00	-108
0830		4.68	7.14	15.03	0.984	6.5	0.00	-110
0835		4.67	7.14	15.05	0.992	6.1	0.00	-111
0840		4.67	7.14	15.05	0.994	6.6	0.00	-111
0845								

Purge Volume: 2g Purging Time: 45m
Purge Rate (gph): 2.67 gph

Sampling

Time of Sample Collection: 0840 Sample: MW-46S-20230620

Method:
- ___ Stainless steel bailer
- ___ Teflon bailer
- ___ Disp. Bladder Pump
- ___ Disposable bailer
- X Dedicated tubing

Analyses:
- X BTEX (8260C)
- X PAHs - 16 Priority Pollutants (8270E)
- X Select Site Specific PAHs (8270E SIM)
- X Total Cyanide (9012B)

Observations

Well Observations: Good: (Yes) / No* Spongy bottom - Tag on Probe a Tape
Weather/Temperature: 64°F, P. Cloudy, occasional Sprinkle, 0-5mph SE
Sample description: Clear
Free Product? yes ___ no X describe Stains on oil water probe - Tar like.
Sheen? yes ___ no X describe
Odor? yes X no ___ describe Petroleum-like, slight Coal tar like odor.

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 6/19/23

WELL ID: MW-48S Time On-site: Time Off-site:

SAMPLERS: GAS

Initial static water level (feet from top of casing/riser)..... 3.87
Depth of Well (feet from top of casing/riser)..... 13.40
Depth to 4 / 14 of screen (top / bottom)

Purging Method

Airlift		Centrifugal	
Bailer		Pos. Displ.	
		Disposable	
Peri Pump		Bladder Pump	
(low flow)	X	(Low Flow)	

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	9.53 ft. of water x 0.16 =	1.52	gallons
3 in. casing:	ft. of water x 0.37 =		gallons
4 in. casing:	ft. of water x 0.65 =		gallons
5 in. casing:	ft. of water x 1.02 =		gallons
6 in. casing:	ft. of water x 1.47 =		gallons

volume of water removed: 3/4 gal. >3 volumes: yes ____ no X purged dry? yes ____ no X

Field Tests

Time	Purge Rate (ml/min)	Depth to Water (ft)	pH [+/-0.1 units]	Temp (c°) [3%]	Spec. Cond. (ms/cm) [3%]	Turbidity (NTUs) [10% >5 NTU]	DO (mg/l) [10% >0.5mg/l]	ORP (mv) [+/- 10]
1810	~150	4.10	7.19	18.16	3.44	6.9	0.98	-103
1815		4.10	7.20	17.62	3.47	4.9	0.39	-106
1820		4.12	7.21	17.63	3.51	3.2	0.11	-107
1825		4.14	7.22	17.62	3.54	2.5	0.00	-108
1830								
1835								

Purge Volume: 0.75g Purging Time: 20mm
Purge Rate (gph): 0.75 (20 / 60) = 2.25gph

Sampling
Time of Sample Collection: 1825 MW-48S_20230619

Method:		Analyses:	
____	Stainless steel bailer	X	BTEX (8260C)
____	Teflon bailer	X	PAHs - 16 Priority Pollutants (8270E)
____	Disp. Bladder Pump	X	Select Site Specific PAHs (8270E SIM)
____	Disposable bailer	X	Total Cyanide (9012B)
X	Dedicated tubing	____	

Observations
Well Observations: Good: (Yes) / No* Spongy bottom
Weather/Temperature: 78°F, Overcast/sunny c-SENE.
Sample description: Clear
Free Product? yes ____ no X describe ____
Sheen? yes ____ no X describe ____
Odor? yes ____ no X describe ____
* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

ATTACHMENT B

Laboratory Analytical Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gunther Schnorr
D&B Engineers and Architects, P.C.
5879 Fisher Road
PO BOX 56
East Syracuse NY 13057

Generated 7/12/2023 10:47 AM

JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-210122-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Eurofins Buffalo

Job Notes

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Comments
No additional comments.

Receipt
The samples were received on 6/21/2023 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.9º C.

GC/MS VOA
Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-C16-202306 (480-210122-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-23S-202306 (480-210122-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23S-202306 (480-210122-6[MS]), MW-23S-202306 (480-210122-6[MSD]) and MW-46S-202306 (480-210122-7). Elevated reporting limits (RLs) are provided.

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

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

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

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-210122-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-210122-1	MW-C11-202306	Water	06/19/23 11:55	06/21/23 10:00
480-210122-2	MW-C12-202306	Water	06/19/23 13:20	06/21/23 10:00
480-210122-3	MW-C16-202306	Water	06/19/23 14:25	06/21/23 10:00
480-210122-4	MW-13S-202306	Water	06/19/23 16:10	06/21/23 10:00
480-210122-5	MW-22S-202306	Water	06/20/23 00:00	06/21/23 10:00
480-210122-6	MW-23S-202306	Water	06/19/23 17:10	06/21/23 10:00
480-210122-7	MW-46S-202306	Water	06/20/23 08:40	06/21/23 10:00
480-210122-8	MW-48S-202306	Water	06/19/23 18:25	06/21/23 10:00
480-210122-9	DUP-1	Water	06/19/23 00:00	06/21/23 10:00
480-210122-10	TRIP BLANK	Water	06/19/23 00:00	06/21/23 10:00

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-210122-1

Client Sample ID: MW-C11-202306 — Lab Sample ID: 480-210122-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.027	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Cyanide, Total	0.018	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12-202306 — Lab Sample ID: 480-210122-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	52		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	6.5	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.018	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16-202306 — Lab Sample ID: 480-210122-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.022	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	8.0	J	10	1.1	ug/L	1		8270E	Total/NA
Cyanide, Total	0.015	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-13S-202306 — Lab Sample ID: 480-210122-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0088	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-22S-202306 — Lab Sample ID: 480-210122-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.58	B	0.020	0.0082	mg/L	2		9012B	Total/NA

Client Sample ID: MW-23S-202306 — Lab Sample ID: 480-210122-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1		2.0	0.82	ug/L	2		8260C	Total/NA
Toluene	2.5		2.0	1.0	ug/L	2		8260C	Total/NA
Ethylbenzene	69	F1	2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	9.1	F1	4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	41	F1	2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	50	F1	4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	120	F1	4.0	2.0	ug/L	2		8260C	Total/NA
Benzo[a]anthracene	0.090		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	51	F1 F2	10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	0.97	J F2	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	2.9	J F1 F2	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.4	J F1 F2	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	14	F1 F2	10	0.91	ug/L	1		8270E	Total/NA
Phenanthrene	9.1	J F1 F2	10	1.3	ug/L	1		8270E	Total/NA
Pyrene	2.3	J F2	10	1.6	ug/L	1		8270E	Total/NA
Cyanide, Total	0.014	B F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-46S-202306 — Lab Sample ID: 480-210122-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	220		5.0	2.1	ug/L	5		8260C	Total/NA
Toluene	4.4	J	5.0	2.6	ug/L	5		8260C	Total/NA
Ethylbenzene	280		5.0	3.7	ug/L	5		8260C	Total/NA
m-Xylene & p-Xylene	17		10	3.3	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-46S-202306 (Continued)

Lab Sample ID: 480-210122-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	71		5.0	3.8	ug/L	5		8260C	Total/NA
Xylenes, Total	88		10	3.3	ug/L	5		8260C	Total/NA
Total BTEX	590		10	5.0	ug/L	5		8260C	Total/NA
Benzo[a]anthracene	0.40		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.23		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.13		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.082		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.050		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.034	J	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.078		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	29		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	1.7	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.0	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	7.7	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	98		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	7.5	J	10	1.3	ug/L	1		8270E	Total/NA
Pyrene	1.7	J	10	1.6	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0099	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-48S-202306

Lab Sample ID: 480-210122-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	26		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	14		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	1.4	J	2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	8.3		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	9.7		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	50		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.042	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	25		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	1.9	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	27		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	2.9	J	10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0091	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: DUP-1

Lab Sample ID: 480-210122-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	48		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	5.9	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.021	B F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-210122-10

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-210122-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

Client Sample ID: MW-C11-202306

Date Collected: 06/19/23 11:55
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/23/23 23:31	1
Toluene	1.0	U	1.0	0.51	ug/L			06/23/23 23:31	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/23/23 23:31	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/23/23 23:31	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/23/23 23:31	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/23/23 23:31	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/23/23 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/23/23 23:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*06/23/23 23:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/23/23 23:31*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/23/23 23:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.027**	**J**	0.050	0.016	ug/L		06/23/23 09:41	06/23/23 23:43	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/23/23 23:43	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/23/23 23:43	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/23/23 23:43	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/23/23 23:43	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/23/23 23:43	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/23/23 23:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/23/23 09:41	06/24/23 00:47	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 00:47	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 00:47	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 00:47	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 00:47	1
Fluorene	10	U	10	0.91	ug/L		06/23/23 09:41	06/24/23 00:47	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 00:47	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 00:47	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*46 - 139*	*06/23/23 09:41*	*06/24/23 00:47*	*1*
Nitrobenzene-d5 (Surr)	*88*		*51 - 145*	*06/23/23 09:41*	*06/24/23 00:47*	*1*
Terphenyl-d14 (Surr)	*87*		*13 - 150*	*06/23/23 09:41*	*06/24/23 00:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.018**	**B**	0.010	0.0041	mg/L			06/27/23 11:08	1

Client Sample ID: MW-C12-202306

Date Collected: 06/19/23 13:20
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/23/23 23:56	1
Toluene	1.0	U	1.0	0.51	ug/L			06/23/23 23:56	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/23/23 23:56	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/23/23 23:56	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/23/23 23:56	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/23/23 23:56	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/23/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/23/23 23:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*06/23/23 23:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*06/23/23 23:56*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/23/23 23:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 00:04	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 00:04	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 00:04	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 00:04	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 00:04	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 00:04	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**52**		10	1.1	ug/L		06/23/23 09:41	06/24/23 01:08	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 01:08	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 01:08	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 01:08	1
Fluorene	**6.5**	**J**	10	0.91	ug/L		06/23/23 09:41	06/24/23 01:08	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 01:08	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:08	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*46 - 139*	*06/23/23 09:41*	*06/24/23 01:08*	*1*
Nitrobenzene-d5 (Surr)	*95*		*51 - 145*	*06/23/23 09:41*	*06/24/23 01:08*	*1*
Terphenyl-d14 (Surr)	*92*		*13 - 150*	*06/23/23 09:41*	*06/24/23 01:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.018**	**B**	0.010	0.0041	mg/L			06/27/23 11:11	1

Client Sample ID: MW-C16-202306

Date Collected: 06/19/23 14:25
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0	U	5.0	2.1	ug/L			06/24/23 00:20	5
Toluene	5.0	U	5.0	2.6	ug/L			06/24/23 00:20	5
Ethylbenzene	5.0	U	5.0	3.7	ug/L			06/24/23 00:20	5
m-Xylene & p-Xylene	10	U	10	3.3	ug/L			06/24/23 00:20	5
o-Xylene	5.0	U	5.0	3.8	ug/L			06/24/23 00:20	5
Xylenes, Total	10	U	10	3.3	ug/L			06/24/23 00:20	5
Total BTEX	10	U	10	5.0	ug/L			06/24/23 00:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/24/23 00:20*	*5*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*06/24/23 00:20*	*5*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*06/24/23 00:20*	*5*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/24/23 00:20*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.022**	**J**	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 02:32	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 02:32	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 02:32	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 02:32	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 02:32	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 02:32	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**8.0**	**J**	10	1.1	ug/L		06/23/23 09:41	06/24/23 01:29	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 01:29	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:29	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 01:29	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 01:29	1
Fluorene	10	U	10	0.91	ug/L		06/23/23 09:41	06/24/23 01:29	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 01:29	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:29	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*46 - 139*	*06/23/23 09:41*	*06/24/23 01:29*	*1*
Nitrobenzene-d5 (Surr)	*84*		*51 - 145*	*06/23/23 09:41*	*06/24/23 01:29*	*1*
Terphenyl-d14 (Surr)	*72*		*13 - 150*	*06/23/23 09:41*	*06/24/23 01:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.015**	**B**	0.010	0.0041	mg/L			06/27/23 11:30	1

Client Sample ID: MW-13S-202306

Date Collected: 06/19/23 16:10
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/24/23 00:44	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 00:44	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/24/23 00:44	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/24/23 00:44	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/24/23 00:44	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/24/23 00:44	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/24/23 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/24/23 00:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*06/24/23 00:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/24/23 00:44*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*06/24/23 00:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 00:25	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 00:25	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 00:25	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 00:25	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 00:25	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 00:25	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 00:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/23/23 09:41	06/24/23 01:50	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 01:50	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:50	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 01:50	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 01:50	1
Fluorene	10	U	10	0.91	ug/L		06/23/23 09:41	06/24/23 01:50	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 01:50	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 01:50	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*46 - 139*	*06/23/23 09:41*	*06/24/23 01:50*	*1*
Nitrobenzene-d5 (Surr)	*97*		*51 - 145*	*06/23/23 09:41*	*06/24/23 01:50*	*1*
Terphenyl-d14 (Surr)	*97*		*13 - 150*	*06/23/23 09:41*	*06/24/23 01:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0088**	**J B**	0.010	0.0041	mg/L			06/27/23 11:32	1

Client Sample ID: MW-22S-202306

Date Collected: 06/20/23 00:00
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/24/23 01:08	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 01:08	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/24/23 01:08	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/24/23 01:08	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/24/23 01:08	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/24/23 01:08	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/24/23 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/24/23 01:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/24/23 01:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/24/23 01:08*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/24/23 01:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 00:46	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 00:46	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 00:46	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 00:46	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 00:46	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 00:46	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/23/23 09:41	06/24/23 02:11	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 02:11	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 02:11	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 02:11	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 02:11	1
Fluorene	10	U	10	0.91	ug/L		06/23/23 09:41	06/24/23 02:11	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 02:11	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 02:11	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*46 - 139*	*06/23/23 09:41*	*06/24/23 02:11*	*1*
Nitrobenzene-d5 (Surr)	*101*		*51 - 145*	*06/23/23 09:41*	*06/24/23 02:11*	*1*
Terphenyl-d14 (Surr)	*108*		*13 - 150*	*06/23/23 09:41*	*06/24/23 02:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.58**	**B**	0.020	0.0082	mg/L			06/29/23 16:33	2

Client Sample ID: MW-23S-202306

Date Collected: 06/19/23 17:10
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.1**		2.0	0.82	ug/L			06/24/23 01:33	2
Toluene	**2.5**		2.0	1.0	ug/L			06/24/23 01:33	2
Ethylbenzene	**69**	**F1**	2.0	1.5	ug/L			06/24/23 01:33	2
m-Xylene & p-Xylene	**9.1**	**F1**	4.0	1.3	ug/L			06/24/23 01:33	2
o-Xylene	**41**	**F1**	2.0	1.5	ug/L			06/24/23 01:33	2
Xylenes, Total	**50**	**F1**	4.0	1.3	ug/L			06/24/23 01:33	2
Total BTEX	**120**	**F1**	4.0	2.0	ug/L			06/24/23 01:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/24/23 01:33*	*2*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/24/23 01:33*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/24/23 01:33*	*2*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/24/23 01:33*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.090**		0.050	0.016	ug/L		06/23/23 09:41	06/24/23 01:08	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 01:08	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 01:08	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 01:08	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 01:08	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 01:08	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**51**	**F1 F2**	10	1.1	ug/L		06/23/23 09:41	06/24/23 02:32	1
Acenaphthylene	**0.97**	**J F2**	10	0.82	ug/L		06/23/23 09:41	06/24/23 02:32	1
Anthracene	**2.9**	**J F1 F2**	10	1.3	ug/L		06/23/23 09:41	06/24/23 02:32	1
Chrysene	2.0	U F1 F2	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 02:32	1
Fluoranthene	**1.4**	**J F1 F2**	10	0.84	ug/L		06/23/23 09:41	06/24/23 02:32	1
Fluorene	**14**	**F1 F2**	10	0.91	ug/L		06/23/23 09:41	06/24/23 02:32	1
Naphthalene	2.0	U F1 F2	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 02:32	1
Phenanthrene	**9.1**	**J F1 F2**	10	1.3	ug/L		06/23/23 09:41	06/24/23 02:32	1
Pyrene	**2.3**	**J F2**	10	1.6	ug/L		06/23/23 09:41	06/24/23 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*46 - 139*	*06/23/23 09:41*	*06/24/23 02:32*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*06/23/23 09:41*	*06/24/23 02:32*	*1*
Terphenyl-d14 (Surr)	*103*		*13 - 150*	*06/23/23 09:41*	*06/24/23 02:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.014**	**B F1**	0.010	0.0041	mg/L			06/27/23 11:38	1

Client Sample ID: MW-46S-202306

Date Collected: 06/20/23 08:40
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	220		5.0	2.1	ug/L			06/24/23 20:06	5
Toluene	4.4	J	5.0	2.6	ug/L			06/24/23 20:06	5
Ethylbenzene	280		5.0	3.7	ug/L			06/24/23 20:06	5
m-Xylene & p-Xylene	17		10	3.3	ug/L			06/24/23 20:06	5
o-Xylene	71		5.0	3.8	ug/L			06/24/23 20:06	5
Xylenes, Total	88		10	3.3	ug/L			06/24/23 20:06	5
Total BTEX	590		10	5.0	ug/L			06/24/23 20:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/24/23 20:06*	*5*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/24/23 20:06*	*5*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*06/24/23 20:06*	*5*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*06/24/23 20:06*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.40		0.050	0.016	ug/L		06/23/23 09:41	06/24/23 01:29	1
Benzo[a]pyrene	0.23		0.050	0.022	ug/L		06/23/23 09:41	06/24/23 01:29	1
Benzo[b]fluoranthene	0.13		0.050	0.024	ug/L		06/23/23 09:41	06/24/23 01:29	1
Benzo[g,h,i]perylene	0.082		0.050	0.035	ug/L		06/23/23 09:41	06/24/23 01:29	1
Benzo[k]fluoranthene	0.050		0.050	0.028	ug/L		06/23/23 09:41	06/24/23 01:29	1
Dibenz(a,h)anthracene	0.034	J	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 01:29	1
Indeno[1,2,3-cd]pyrene	0.078		0.050	0.036	ug/L		06/23/23 09:41	06/24/23 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	29		10	1.1	ug/L		06/23/23 09:41	06/24/23 03:35	1
Acenaphthylene	1.1	J	10	0.82	ug/L		06/23/23 09:41	06/24/23 03:35	1
Anthracene	1.7	J	10	1.3	ug/L		06/23/23 09:41	06/24/23 03:35	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 03:35	1
Fluoranthene	1.0	J	10	0.84	ug/L		06/23/23 09:41	06/24/23 03:35	1
Fluorene	7.7	J	10	0.91	ug/L		06/23/23 09:41	06/24/23 03:35	1
Naphthalene	98		2.0	0.54	ug/L		06/23/23 09:41	06/24/23 03:35	1
Phenanthrene	7.5	J	10	1.3	ug/L		06/23/23 09:41	06/24/23 03:35	1
Pyrene	1.7	J	10	1.6	ug/L		06/23/23 09:41	06/24/23 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*46 - 139*	*06/23/23 09:41*	*06/24/23 03:35*	*1*
Nitrobenzene-d5 (Surr)	*89*		*51 - 145*	*06/23/23 09:41*	*06/24/23 03:35*	*1*
Terphenyl-d14 (Surr)	*95*		*13 - 150*	*06/23/23 09:41*	*06/24/23 03:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.0099	J B	0.010	0.0041	mg/L			06/27/23 11:46	1

Client Sample ID: MW-48S-202306

Date Collected: 06/19/23 18:25
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26**		1.0	0.41	ug/L			06/24/23 20:29	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 20:29	1
Ethylbenzene	**14**		1.0	0.74	ug/L			06/24/23 20:29	1
m-Xylene & p-Xylene	**1.4**	**J**	2.0	0.66	ug/L			06/24/23 20:29	1
o-Xylene	**8.3**		1.0	0.76	ug/L			06/24/23 20:29	1
Xylenes, Total	**9.7**		2.0	0.66	ug/L			06/24/23 20:29	1
Total BTEX	**50**		2.0	1.0	ug/L			06/24/23 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/24/23 20:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/24/23 20:29*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/24/23 20:29*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*06/24/23 20:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.042**	**J**	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 01:50	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 01:50	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 01:50	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 01:50	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 01:50	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 01:50	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**25**		10	1.1	ug/L		06/23/23 09:41	06/24/23 03:56	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 03:56	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 03:56	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 03:56	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 03:56	1
Fluorene	**1.9**	**J**	10	0.91	ug/L		06/23/23 09:41	06/24/23 03:56	1
Naphthalene	**27**		2.0	0.54	ug/L		06/23/23 09:41	06/24/23 03:56	1
Phenanthrene	**2.9**	**J**	10	1.3	ug/L		06/23/23 09:41	06/24/23 03:56	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*46 - 139*	*06/23/23 09:41*	*06/24/23 03:56*	*1*
Nitrobenzene-d5 (Surr)	*91*		*51 - 145*	*06/23/23 09:41*	*06/24/23 03:56*	*1*
Terphenyl-d14 (Surr)	*102*		*13 - 150*	*06/23/23 09:41*	*06/24/23 03:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0091**	**J B**	0.010	0.0041	mg/L			06/27/23 11:48	1

Client Sample ID: DUP-1

Date Collected: 06/19/23 00:00
Date Received: 06/21/23 10:00

Lab Sample ID: 480-210122-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/24/23 02:46	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 02:46	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/24/23 02:46	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/24/23 02:46	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/24/23 02:46	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/24/23 02:46	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/24/23 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/24/23 02:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/24/23 02:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/24/23 02:46*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/24/23 02:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		06/23/23 09:41	06/24/23 02:11	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:41	06/24/23 02:11	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:41	06/24/23 02:11	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:41	06/24/23 02:11	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:41	06/24/23 02:11	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:41	06/24/23 02:11	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:41	06/24/23 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**48**		10	1.1	ug/L		06/23/23 09:41	06/24/23 04:17	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:41	06/24/23 04:17	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 04:17	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:41	06/24/23 04:17	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:41	06/24/23 04:17	1
Fluorene	**5.9**	**J**	10	0.91	ug/L		06/23/23 09:41	06/24/23 04:17	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:41	06/24/23 04:17	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:41	06/24/23 04:17	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:41	06/24/23 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*46 - 139*	*06/23/23 09:41*	*06/24/23 04:17*	*1*
Nitrobenzene-d5 (Surr)	*101*		*51 - 145*	*06/23/23 09:41*	*06/24/23 04:17*	*1*
Terphenyl-d14 (Surr)	*110*		*13 - 150*	*06/23/23 09:41*	*06/24/23 04:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.021**	**B F1**	0.010	0.0041	mg/L			06/27/23 12:01	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-210122-10

Date Collected: 06/19/23 00:00
Matrix: Water

Date Received: 06/21/23 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/24/23 03:10	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 03:10	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/24/23 03:10	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/24/23 03:10	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/24/23 03:10	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/24/23 03:10	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/24/23 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/24/23 03:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*06/24/23 03:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/24/23 03:10*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*06/24/23 03:10*	*1*

Surrogate Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-210122-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-210122-1	MW-C11-202306	96	112	97	97
480-210122-2	MW-C12-202306	98	112	98	98
480-210122-3	MW-C16-202306	99	111	93	98
480-210122-4	MW-13S-202306	98	111	97	95
480-210122-5	MW-22S-202306	100	110	99	98
480-210122-6	MW-23S-202306	100	110	103	98
480-210122-6 MS	MW-23S-202306	97	107	104	108
480-210122-6 MSD	MW-23S-202306	100	100	106	105
480-210122-7	MW-46S-202306	100	103	101	104
480-210122-8	MW-48S-202306	102	98	103	104
480-210122-9	DUP-1	96	110	97	97
480-210122-10	TRIP BLANK	100	111	103	99
LCS 480-674307/6	Lab Control Sample	99	111	103	98
LCS 480-674325/6	Lab Control Sample	100	105	101	104
MB 480-674307/8	Method Blank	98	110	99	96
MB 480-674325/8	Method Blank	99	96	105	100

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(46-139)	(51-145)	(13-150)
480-210122-1	MW-C11-202306	78	88	87
480-210122-2	MW-C12-202306	86	95	92
480-210122-3	MW-C16-202306	75	84	72
480-210122-4	MW-13S-202306	85	97	97
480-210122-5	MW-22S-202306	89	101	108
480-210122-6	MW-23S-202306	87	93	103
480-210122-6 MS	MW-23S-202306	56	64	55
480-210122-6 MSD	MW-23S-202306	107	119	119
480-210122-7	MW-46S-202306	80	89	95
480-210122-8	MW-48S-202306	84	91	102
480-210122-9	DUP-1	92	101	110
LCS 460-917200/2-A	Lab Control Sample	83	93	81
LCSD 460-917200/3-A	Lab Control Sample Dup	83	90	81
MB 460-917200/1-A	Method Blank	81	93	84

Surrogate Legend

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

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

Lab Sample ID: MB 480-674307/8
Matrix: Water
Analysis Batch: 674307

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/23/23 23:07	1
Toluene	1.0	U	1.0	0.51	ug/L			06/23/23 23:07	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/23/23 23:07	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/23/23 23:07	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/23/23 23:07	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/23/23 23:07	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/23/23 23:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/23/23 23:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/23/23 23:07*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/23/23 23:07*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/23/23 23:07*	*1*

Lab Sample ID: LCS 480-674307/6
Matrix: Water
Analysis Batch: 674307

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	26.1		ug/L		104	71 - 124		
Toluene			25.0	26.7		ug/L		107	80 - 122		
Ethylbenzene			25.0	27.6		ug/L		111	77 - 123		
m-Xylene & p-Xylene			25.0	27.3		ug/L		109	76 - 122		
o-Xylene			25.0	26.8		ug/L		107	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: MB 480-674325/8
Matrix: Water
Analysis Batch: 674325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			06/24/23 15:01	1
Toluene	1.0	U	1.0	0.51	ug/L			06/24/23 15:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/24/23 15:01	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/24/23 15:01	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/24/23 15:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/24/23 15:01	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/24/23 15:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/24/23 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*06/24/23 15:01*	*1*

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

Lab Sample ID: MB 480-674325/8
Matrix: Water
Analysis Batch: 674325

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		73 - 120		06/24/23 15:01	1
Dibromofluoromethane (Surr)	100		75 - 123		06/24/23 15:01	1

Lab Sample ID: LCS 480-674325/6
Matrix: Water
Analysis Batch: 674325

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	27.6		ug/L		110	71 - 124
Toluene	25.0	27.3		ug/L		109	80 - 122
Ethylbenzene	25.0	27.3		ug/L		109	77 - 123
m-Xylene & p-Xylene	25.0	28.9		ug/L		116	76 - 122
o-Xylene	25.0	27.4		ug/L		110	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-210122-6 MS
Matrix: Water
Analysis Batch: 674325

Client Sample ID: MW-23S-202306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.1		50.0	59.0		ug/L		114	71 - 124
Toluene	2.5		50.0	53.5		ug/L		102	80 - 122
Ethylbenzene	69	F1	50.0	127		ug/L		115	77 - 123
m-Xylene & p-Xylene	9.1	F1	50.0	66.8		ug/L		115	76 - 122
o-Xylene	41	F1	50.0	97.2		ug/L		113	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	108		75 - 123

Lab Sample ID: 480-210122-6 MSD
Matrix: Water
Analysis Batch: 674325

Client Sample ID: MW-23S-202306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	2.1		50.0	54.8		ug/L		105	71 - 124	7	13
Toluene	2.5		50.0	54.5		ug/L		104	80 - 122	2	15
Ethylbenzene	69	F1	50.0	126		ug/L		113	77 - 123	1	15
m-Xylene & p-Xylene	9.1	F1	50.0	66.4		ug/L		115	76 - 122	1	16
o-Xylene	41	F1	50.0	96.9		ug/L		113	76 - 122	0	16

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

Lab Sample ID: 480-210122-6 MSD
Matrix: Water
Analysis Batch: 674325

Client Sample ID: MW-23S-202306
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

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

Lab Sample ID: MB 460-917200/1-A
Matrix: Water
Analysis Batch: 917328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 917200

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/23/23 09:38	06/23/23 20:34	1
Acenaphthylene	10	U	10	0.82	ug/L		06/23/23 09:38	06/23/23 20:34	1
Anthracene	10	U	10	1.3	ug/L		06/23/23 09:38	06/23/23 20:34	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/23/23 09:38	06/23/23 20:34	1
Fluoranthene	10	U	10	0.84	ug/L		06/23/23 09:38	06/23/23 20:34	1
Fluorene	10	U	10	0.91	ug/L		06/23/23 09:38	06/23/23 20:34	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/23/23 09:38	06/23/23 20:34	1
Phenanthrene	10	U	10	1.3	ug/L		06/23/23 09:38	06/23/23 20:34	1
Pyrene	10	U	10	1.6	ug/L		06/23/23 09:38	06/23/23 20:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*81*		*46 - 139*	*06/23/23 09:38*	*06/23/23 20:34*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*06/23/23 09:38*	*06/23/23 20:34*	*1*
Terphenyl-d14 (Surr)	*84*		*13 - 150*	*06/23/23 09:38*	*06/23/23 20:34*	*1*

Lab Sample ID: LCS 460-917200/2-A
Matrix: Water
Analysis Batch: 917328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	65.4		ug/L		82	57 - 132
Acenaphthylene	80.0	61.1		ug/L		76	54 - 120
Anthracene	80.0	68.5		ug/L		86	65 - 120
Chrysene	80.0	69.4		ug/L		87	63 - 127
Fluoranthene	80.0	66.3		ug/L		83	65 - 130
Fluorene	80.0	63.8		ug/L		80	63 - 133
Naphthalene	80.0	57.8		ug/L		72	43 - 120
Phenanthrene	80.0	69.8		ug/L		87	65 - 120
Pyrene	80.0	75.0		ug/L		94	56 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	*83*		*46 - 139*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*
Terphenyl-d14 (Surr)	*81*		*13 - 150*

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

Lab Sample ID: LCSD 460-917200/3-A
Matrix: Water
Analysis Batch: 917328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 917200

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	64.0		ug/L		80	57 - 132	2	30
Acenaphthylene			80.0	60.8		ug/L		76	54 - 120	1	30
Anthracene			80.0	68.4		ug/L		86	65 - 120	0	30
Chrysene			80.0	69.4		ug/L		87	63 - 127	0	30
Fluoranthene			80.0	64.2		ug/L		80	65 - 130	3	30
Fluorene			80.0	64.4		ug/L		80	63 - 133	1	30
Naphthalene			80.0	57.1		ug/L		71	43 - 120	1	30
Phenanthrene			80.0	68.8		ug/L		86	65 - 120	1	30
Pyrene			80.0	74.9		ug/L		94	56 - 144	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*46 - 139*
Nitrobenzene-d5 (Surr)	*90*		*51 - 145*
Terphenyl-d14 (Surr)	*81*		*13 - 150*

Lab Sample ID: 480-210122-6 MS
Matrix: Water
Analysis Batch: 917328

Client Sample ID: MW-23S-202306
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	51	F1 F2	80.0	87.9	F1	ug/L		46	57 - 132
Acenaphthylene	0.97	J F2	80.0	44.2		ug/L		54	54 - 120
Anthracene	2.9	J F1 F2	80.0	47.7	F1	ug/L		56	65 - 120
Chrysene	2.0	U F1 F2	80.0	48.1	F1	ug/L		60	63 - 127
Fluoranthene	1.4	J F1 F2	80.0	45.8	F1	ug/L		55	65 - 130
Fluorene	14	F1 F2	80.0	55.2	F1	ug/L		51	63 - 133
Naphthalene	2.0	U F1 F2	80.0	43.2		ug/L		54	43 - 120
Phenanthrene	9.1	J F1 F2	80.0	55.6	F1	ug/L		58	65 - 120
Pyrene	2.3	J F2	80.0	54.3		ug/L		65	56 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*46 - 139*
Nitrobenzene-d5 (Surr)	*64*		*51 - 145*
Terphenyl-d14 (Surr)	*55*		*13 - 150*

Lab Sample ID: 480-210122-6 MSD
Matrix: Water
Analysis Batch: 917328

Client Sample ID: MW-23S-202306
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	51	F1 F2	80.0	165	F1 F2	ug/L		143	57 - 132	61	30
Acenaphthylene	0.97	J F2	80.0	80.6	F2	ug/L		100	54 - 120	58	30
Anthracene	2.9	J F1 F2	80.0	91.3	F2	ug/L		110	65 - 120	63	30
Chrysene	2.0	U F1 F2	80.0	90.2	F2	ug/L		113	63 - 127	61	30
Fluoranthene	1.4	J F1 F2	80.0	87.8	F2	ug/L		108	65 - 130	63	30
Fluorene	14	F1 F2	80.0	103	F2	ug/L		111	63 - 133	61	30
Naphthalene	2.0	U F1 F2	80.0	173	F1 F2	ug/L		217	43 - 120	120	30
Phenanthrene	9.1	J F1 F2	80.0	107	F1 F2	ug/L		122	65 - 120	63	30

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

Lab Sample ID: 480-210122-6 MSD
Matrix: Water
Analysis Batch: 917328

Client Sample ID: MW-23S-202306
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	2.3	J F2	80.0	99.5	F2	ug/L		121	56 - 144	59	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*107*		*46 - 139*
Nitrobenzene-d5 (Surr)	*119*		*51 - 145*
Terphenyl-d14 (Surr)	*119*		*13 - 150*

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

Lab Sample ID: MB 460-917200/1-A
Matrix: Water
Analysis Batch: 917330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 917200

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		06/23/23 09:38	06/23/23 21:37	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/23/23 09:38	06/23/23 21:37	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/23/23 09:38	06/23/23 21:37	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/23/23 09:38	06/23/23 21:37	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/23/23 09:38	06/23/23 21:37	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/23/23 09:38	06/23/23 21:37	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/23/23 09:38	06/23/23 21:37	1

Lab Sample ID: LCS 460-917200/4-A
Matrix: Water
Analysis Batch: 917330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	1.32		ug/L		66	33 - 139
Benzo[a]pyrene	2.00	1.44		ug/L		72	32 - 140
Benzo[b]fluoranthene	2.00	1.19		ug/L		60	34 - 136
Benzo[g,h,i]perylene	2.00	1.57		ug/L		79	20 - 150
Benzo[k]fluoranthene	2.00	1.28		ug/L		64	35 - 150
Dibenz(a,h)anthracene	2.00	1.45		ug/L		72	14 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.43		ug/L		72	12 - 145

Lab Sample ID: LCSD 460-917200/5-A
Matrix: Water
Analysis Batch: 917330

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 917200

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.42		ug/L		71	33 - 139	7	30
Benzo[a]pyrene	2.00	1.52		ug/L		76	32 - 140	6	30
Benzo[b]fluoranthene	2.00	1.26		ug/L		63	34 - 136	5	30
Benzo[g,h,i]perylene	2.00	1.58		ug/L		79	20 - 150	1	30
Benzo[k]fluoranthene	2.00	1.32		ug/L		66	35 - 150	2	30
Dibenz(a,h)anthracene	2.00	1.44		ug/L		72	14 - 150	1	30
Indeno[1,2,3-cd]pyrene	2.00	1.47		ug/L		73	12 - 145	2	30

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-674670/21
Matrix: Water
Analysis Batch: 674670

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00720	J	0.010	0.0041	mg/L			06/27/23 10:11	1

Lab Sample ID: MB 480-674670/49
Matrix: Water
Analysis Batch: 674670

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00860	J	0.010	0.0041	mg/L			06/27/23 11:25	1

Lab Sample ID: HLCS 480-674670/22
Matrix: Water
Analysis Batch: 674670

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

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.400	0.393		mg/L		98	90 - 110		

Lab Sample ID: LCS 480-674670/23
Matrix: Water
Analysis Batch: 674670

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.243		mg/L		97	90 - 110		

Lab Sample ID: LCS 480-674670/50
Matrix: Water
Analysis Batch: 674670

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.242		mg/L		97	90 - 110		

Lab Sample ID: 480-210122-6 MS
Matrix: Water
Analysis Batch: 674670

Client Sample ID: MW-23S-202306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	0.014	B F1	0.100	0.0975	F1	mg/L		83	90 - 110		

Lab Sample ID: 480-210122-6 MSD
Matrix: Water
Analysis Batch: 674670

Client Sample ID: MW-23S-202306
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.014	B F1	0.100	0.101	F1	mg/L		87	90 - 110	3	15

Lab Sample ID: 480-210122-9 MS
Matrix: Water
Analysis Batch: 674670

Client Sample ID: DUP-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	0.021	B F1	0.100	0.0997	F1	mg/L		78	90 - 110		

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-675032/21
Matrix: Water
Analysis Batch: 675032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00620	J	0.010	0.0041	mg/L			06/29/23 16:14	1

Lab Sample ID: HLCS 480-675032/22
Matrix: Water
Analysis Batch: 675032

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

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.400	0.396		mg/L		99	90 - 110		

Lab Sample ID: LCS 480-675032/23
Matrix: Water
Analysis Batch: 675032

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.248		mg/L		99	90 - 110		

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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
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.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery 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.

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

GC/MS VOA

Analysis Batch: 674307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-1	MW-C11-202306	Total/NA	Water	8260C	
480-210122-2	MW-C12-202306	Total/NA	Water	8260C	
480-210122-3	MW-C16-202306	Total/NA	Water	8260C	
480-210122-4	MW-13S-202306	Total/NA	Water	8260C	
480-210122-5	MW-22S-202306	Total/NA	Water	8260C	
480-210122-6	MW-23S-202306	Total/NA	Water	8260C	
480-210122-9	DUP-1	Total/NA	Water	8260C	
480-210122-10	TRIP BLANK	Total/NA	Water	8260C	
MB 480-674307/8	Method Blank	Total/NA	Water	8260C	
LCS 480-674307/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 674325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-7	MW-46S-202306	Total/NA	Water	8260C	
480-210122-8	MW-48S-202306	Total/NA	Water	8260C	
MB 480-674325/8	Method Blank	Total/NA	Water	8260C	
LCS 480-674325/6	Lab Control Sample	Total/NA	Water	8260C	
480-210122-6 MS	MW-23S-202306	Total/NA	Water	8260C	
480-210122-6 MSD	MW-23S-202306	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 917200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-1	MW-C11-202306	Total/NA	Water	3510C	
480-210122-2	MW-C12-202306	Total/NA	Water	3510C	
480-210122-3	MW-C16-202306	Total/NA	Water	3510C	
480-210122-4	MW-13S-202306	Total/NA	Water	3510C	
480-210122-5	MW-22S-202306	Total/NA	Water	3510C	
480-210122-6	MW-23S-202306	Total/NA	Water	3510C	
480-210122-7	MW-46S-202306	Total/NA	Water	3510C	
480-210122-8	MW-48S-202306	Total/NA	Water	3510C	
480-210122-9	DUP-1	Total/NA	Water	3510C	
MB 460-917200/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-917200/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-917200/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-917200/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-917200/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-210122-6 MS	MW-23S-202306	Total/NA	Water	3510C	
480-210122-6 MSD	MW-23S-202306	Total/NA	Water	3510C	

Analysis Batch: 917328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-1	MW-C11-202306	Total/NA	Water	8270E	917200
480-210122-2	MW-C12-202306	Total/NA	Water	8270E	917200
480-210122-3	MW-C16-202306	Total/NA	Water	8270E	917200
480-210122-4	MW-13S-202306	Total/NA	Water	8270E	917200
480-210122-5	MW-22S-202306	Total/NA	Water	8270E	917200
480-210122-6	MW-23S-202306	Total/NA	Water	8270E	917200
480-210122-7	MW-46S-202306	Total/NA	Water	8270E	917200
480-210122-8	MW-48S-202306	Total/NA	Water	8270E	917200

GC/MS Semi VOA (Continued)

Analysis Batch: 917328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-9	DUP-1	Total/NA	Water	8270E	917200
MB 460-917200/1-A	Method Blank	Total/NA	Water	8270E	917200
LCS 460-917200/2-A	Lab Control Sample	Total/NA	Water	8270E	917200
LCSD 460-917200/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	917200
480-210122-6 MS	MW-23S-202306	Total/NA	Water	8270E	917200
480-210122-6 MSD	MW-23S-202306	Total/NA	Water	8270E	917200

Analysis Batch: 917330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-1	MW-C11-202306	Total/NA	Water	8270E SIM	917200
480-210122-2	MW-C12-202306	Total/NA	Water	8270E SIM	917200
480-210122-3	MW-C16-202306	Total/NA	Water	8270E SIM	917200
480-210122-4	MW-13S-202306	Total/NA	Water	8270E SIM	917200
480-210122-5	MW-22S-202306	Total/NA	Water	8270E SIM	917200
480-210122-6	MW-23S-202306	Total/NA	Water	8270E SIM	917200
480-210122-7	MW-46S-202306	Total/NA	Water	8270E SIM	917200
480-210122-8	MW-48S-202306	Total/NA	Water	8270E SIM	917200
480-210122-9	DUP-1	Total/NA	Water	8270E SIM	917200
MB 460-917200/1-A	Method Blank	Total/NA	Water	8270E SIM	917200
LCS 460-917200/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	917200
LCSD 460-917200/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	917200

General Chemistry

Analysis Batch: 674670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-1	MW-C11-202306	Total/NA	Water	9012B	
480-210122-2	MW-C12-202306	Total/NA	Water	9012B	
480-210122-3	MW-C16-202306	Total/NA	Water	9012B	
480-210122-4	MW-13S-202306	Total/NA	Water	9012B	
480-210122-6	MW-23S-202306	Total/NA	Water	9012B	
480-210122-7	MW-46S-202306	Total/NA	Water	9012B	
480-210122-8	MW-48S-202306	Total/NA	Water	9012B	
480-210122-9	DUP-1	Total/NA	Water	9012B	
MB 480-674670/21	Method Blank	Total/NA	Water	9012B	
MB 480-674670/49	Method Blank	Total/NA	Water	9012B	
HLCS 480-674670/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-674670/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-674670/50	Lab Control Sample	Total/NA	Water	9012B	
480-210122-6 MS	MW-23S-202306	Total/NA	Water	9012B	
480-210122-6 MSD	MW-23S-202306	Total/NA	Water	9012B	
480-210122-9 MS	DUP-1	Total/NA	Water	9012B	

Analysis Batch: 675032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-210122-5	MW-22S-202306	Total/NA	Water	9012B	
MB 480-675032/21	Method Blank	Total/NA	Water	9012B	
HLCS 480-675032/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-675032/23	Lab Control Sample	Total/NA	Water	9012B	

Client Sample ID: MW-C11-202306

Lab Sample ID: 480-210122-1

Date Collected: 06/19/23 11:55

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/23/23 23:31
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 00:47
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/23/23 23:43
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:08

Client Sample ID: MW-C12-202306

Lab Sample ID: 480-210122-2

Date Collected: 06/19/23 13:20

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/23/23 23:56
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 01:08
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 00:04
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:11

Client Sample ID: MW-C16-202306

Lab Sample ID: 480-210122-3

Date Collected: 06/19/23 14:25

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	674307	AXK	EET BUF	06/24/23 00:20
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 01:29
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 02:32
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:30

Client Sample ID: MW-13S-202306

Lab Sample ID: 480-210122-4

Date Collected: 06/19/23 16:10

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/24/23 00:44
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 01:50
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 00:25
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:32

Client Sample ID: MW-22S-202306

Lab Sample ID: 480-210122-5

Date Collected: 06/20/23 00:00

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/24/23 01:08
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 02:11
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 00:46
Total/NA	Analysis	9012B		2	675032	DLG	EET BUF	06/29/23 16:33

Client Sample ID: MW-23S-202306

Lab Sample ID: 480-210122-6

Date Collected: 06/19/23 17:10

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	674307	AXK	EET BUF	06/24/23 01:33
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 02:32
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 01:08
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:38

Client Sample ID: MW-46S-202306

Lab Sample ID: 480-210122-7

Date Collected: 06/20/23 08:40

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	674325	AXK	EET BUF	06/24/23 20:06
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 03:35
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 01:29
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:46

Client Sample ID: MW-48S-202306

Lab Sample ID: 480-210122-8

Date Collected: 06/19/23 18:25

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674325	AXK	EET BUF	06/24/23 20:29
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 03:56
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 01:50
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 11:48

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSEG - Court Street OMM

Job ID: 480-210122-1

Client Sample ID: DUP-1

Lab Sample ID: 480-210122-9

Date Collected: 06/19/23 00:00

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/24/23 02:46
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E		1	917328	YAH	EET EDI	06/24/23 04:17
Total/NA	Prep	3510C			917200	SXS	EET EDI	06/23/23 09:41
Total/NA	Analysis	8270E SIM		1	917330	YAH	EET EDI	06/24/23 02:11
Total/NA	Analysis	9012B		1	674670	CLT	EET BUF	06/27/23 12:01

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-210122-10

Date Collected: 06/19/23 00:00

Matrix: Water

Date Received: 06/21/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	674307	AXK	EET BUF	06/24/23 03:10

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

Accreditation/Certification Summary

Client: D&B Engineers and Architects, P.C. Job ID: 480-210122-1
Project/Site: NYSEG - Court Street OMM

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX

Laboratory: Eurofins Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0818	01-30-24
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-01-24
Georgia	State	12028 (NJ)	06-30-23
Massachusetts	State	M-NJ312	06-30-23
New Jersey	NELAP	12028	06-30-23
New York	NELAP	11452	04-01-24
Pennsylvania	NELAP	68-00522	03-01-24
Rhode Island	State	LAO00376	12-30-23
USDA	US Federal Programs	P330-20-00244	11-03-23

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (30) ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-C11-202306	480-210122-1	97	112	96	97
MW-C12-202306	480-210122-2	98	112	98	98
MW-C16-202306	480-210122-3	98	111	99	93
MW-13S-202306	480-210122-4	95	111	98	97
MW-22S-202306	480-210122-5	98	110	100	99
MW-23S-202306	480-210122-6	98	110	100	103
MW-46S-202306	480-210122-7	104	103	100	101
MW-48S-202306	480-210122-8	104	98	102	103
DUP-1	480-210122-9	97	110	96	97
TRIP BLANK	480-210122-10	99	111	100	103
	MB 480-674307/8	96	110	98	99
	MB 480-674325/8	100	96	99	105
	LCS 480-674307/6	98	111	99	103
	LCS 480-674325/6	104	105	100	101
MW-23S-202306 MS	480-210122-6 MS	108	107	97	104
MW-23S-202306 MSD	480-210122-6 MSD	105	100	100	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-123
DCA = 1,2-Dichloroethane-d4 (Surr)	77-120
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L6663.D

Lab ID: LCS 480-674307/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	26.1	104	71-124	
Toluene	25.0	26.7	107	80-122	
Ethylbenzene	25.0	27.6	111	77-123	
m-Xylene & p-Xylene	25.0	27.3	109	76-122	
o-Xylene	25.0	26.8	107	76-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S8862.d

Lab ID: LCS 480-674325/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	27.6	110	71-124	
Toluene	25.0	27.3	109	80-122	
Ethylbenzene	25.0	27.3	109	77-123	
m-Xylene & p-Xylene	25.0	28.9	116	76-122	
o-Xylene	25.0	27.4	110	76-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S8884.d

Lab ID: 480-210122-6 MS Client ID: MW-23S-202306 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	50.0	2.1	59.0	114	71-124	
Toluene	50.0	2.5	53.5	102	80-122	
Ethylbenzene	50.0	69	127	115	77-123	
m-Xylene & p-Xylene	50.0	9.1	66.8	115	76-122	
o-Xylene	50.0	41	97.2	113	76-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S8885.d

Lab ID: 480-210122-6 MSD Client ID: MW-23S-202306 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	50.0	54.8	105	7	13	71-124	
Toluene	50.0	54.5	104	2	15	80-122	
Ethylbenzene	50.0	126	113	1	15	77-123	
m-Xylene & p-Xylene	50.0	66.4	115	1	16	76-122	
o-Xylene	50.0	96.9	113	0	16	76-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: L6665.D Lab Sample ID: MB 480-674307/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: HP5977L Date Analyzed: 06/23/2023 23:07

GC Column: ZB-624 (30) VOA ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-674307/6	L6663.D	06/23/2023 22:18
MW-C11-202306	480-210122-1	L6666.D	06/23/2023 23:31
MW-C12-202306	480-210122-2	L6667.D	06/23/2023 23:56
MW-C16-202306	480-210122-3	L6668.D	06/24/2023 00:20
MW-13S-202306	480-210122-4	L6669.D	06/24/2023 00:44
MW-22S-202306	480-210122-5	L6670.D	06/24/2023 01:08
MW-23S-202306	480-210122-6	L6671.D	06/24/2023 01:33
DUP-1	480-210122-9	L6674.D	06/24/2023 02:46
TRIP BLANK	480-210122-10	L6675.D	06/24/2023 03:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: S8864.d Lab Sample ID: MB 480-674325/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: HP5973S Date Analyzed: 06/24/2023 15:01

GC Column: ZB-624 (20) ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-674325/6	S8862.d	06/24/2023 14:14
MW-46S-202306	480-210122-7	S8877.d	06/24/2023 20:06
MW-48S-202306	480-210122-8	S8878.d	06/24/2023 20:29
MW-23S-202306 MS	480-210122-6 MS	S8884.d	06/24/2023 22:49
MW-23S-202306 MSD	480-210122-6 MSD	S8885.d	06/24/2023 23:13

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: S8657.d BFB Injection Date: 06/19/2023

Instrument ID: HP5973S BFB Injection Time: 18:56

Analysis Batch No.: 673579

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	Greater than 50% of mass 95	77.9	
175	5.0 - 9.0 % of mass 174	5.7	(7.3) 1
176	95.0 - 101.0 % of mass 174	75.9	(97.5) 1
177	5.0 - 9.0 % of mass 176	5.4	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

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
	IC 480-673579/13	S8659.d	06/19/2023	19:57
	IC 480-673579/14	S8660.d	06/19/2023	20:20
	IC 480-673579/15	S8661.d	06/19/2023	20:43
	IC 480-673579/16	S8662.d	06/19/2023	21:07
	IC 480-673579/17	S8663.d	06/19/2023	21:31
	ICIS 480-673579/18	S8664.d	06/19/2023	21:54
	IC 480-673579/19	S8665.d	06/19/2023	22:17
	IC 480-673579/20	S8666.d	06/19/2023	22:41
	ICV 480-673579/34	S8680.d	06/20/2023	4:05

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: S8859.d BFB Injection Date: 06/24/2023

Instrument ID: HP5973S BFB Injection Time: 12:59

Analysis Batch No.: 674325

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	49.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.4	
175	5.0 - 9.0 % of mass 174	5.7	(7.2) 1
176	95.0 - 101.0 % of mass 174	77.4	(98.7) 1
177	5.0 - 9.0 % of mass 176	5.5	(7.1) 2

1-Value is % mass 174 2-Value is % mass 176

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
	CCVIS 480-674325/4	S8860.d	06/24/2023	13:27
	LCS 480-674325/6	S8862.d	06/24/2023	14:14
	MB 480-674325/8	S8864.d	06/24/2023	15:01
MW-46S-202306	480-210122-7	S8877.d	06/24/2023	20:06
MW-48S-202306	480-210122-8	S8878.d	06/24/2023	20:29
MW-23S-202306 MS	480-210122-6 MS	S8884.d	06/24/2023	22:49
MW-23S-202306 MSD	480-210122-6 MSD	S8885.d	06/24/2023	23:13

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: L4072.D BFB Injection Date: 04/17/2023

Instrument ID: HP5977L BFB Injection Time: 14:31

Analysis Batch No.: 665587

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.6	
75	30.0 - 60.0 % of mass 95	42.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	79.3	
175	5.0 - 9.0 % of mass 174	6.4	(8.1) 1
176	95.0 - 101.0 % of mass 174	76.4	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.7	(7.4) 2

1-Value is % mass 174 2-Value is % mass 176

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
	IC 480-665587/13	L4074.D	04/17/2023	15:24
	IC 480-665587/14	L4075.D	04/17/2023	15:49
	IC 480-665587/15	L4076.D	04/17/2023	16:13
	IC 480-665587/16	L4077.D	04/17/2023	16:37
	IC 480-665587/17	L4078.D	04/17/2023	17:02
	ICIS 480-665587/18	L4079.D	04/17/2023	17:26
	IC 480-665587/19	L4080.D	04/17/2023	17:50
	IC 480-665587/20	L4081.D	04/17/2023	18:14
	ICV 480-665587/35	L4096.D	04/18/2023	0:20

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: L4099.D BFB Injection Date: 04/18/2023

Instrument ID: HP5977L BFB Injection Time: 11:37

Analysis Batch No.: 665800

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	45.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	86.3	
175	5.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	95.0 - 101.0 % of mass 174	83.9	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

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
	ICV 480-665800/4	L4100.D	04/18/2023	12:04

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab File ID: L6660.D BFB Injection Date: 06/23/2023

Instrument ID: HP5977L BFB Injection Time: 21:05

Analysis Batch No.: 674307

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.5	
75	30.0 - 60.0 % of mass 95	55.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.8	(1.0) 1
174	Greater than 50% of mass 95	78.3	
175	5.0 - 9.0 % of mass 174	6.1	(7.7) 1
176	95.0 - 101.0 % of mass 174	76.0	(97.1) 1
177	5.0 - 9.0 % of mass 176	5.6	(7.4) 2

1-Value is % mass 174 2-Value is % mass 176

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
	CCVIS 480-674307/4	L6661.D	06/23/2023	21:29
	LCS 480-674307/6	L6663.D	06/23/2023	22:18
	MB 480-674307/8	L6665.D	06/23/2023	23:07
MW-C11-202306	480-210122-1	L6666.D	06/23/2023	23:31
MW-C12-202306	480-210122-2	L6667.D	06/23/2023	23:56
MW-C16-202306	480-210122-3	L6668.D	06/24/2023	0:20
MW-13S-202306	480-210122-4	L6669.D	06/24/2023	0:44
MW-22S-202306	480-210122-5	L6670.D	06/24/2023	1:08
MW-23S-202306	480-210122-6	L6671.D	06/24/2023	1:33
DUP-1	480-210122-9	L6674.D	06/24/2023	2:46
TRIP BLANK	480-210122-10	L6675.D	06/24/2023	3:10

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 480-673579/18 Date Analyzed: 06/19/2023 21:54

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): S8664.d Heated Purge: (Y/N) N

Calibration ID: 45017

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		215183	4.76	410396	7.71	380726	10.15
UPPER LIMIT		430366	5.26	820792	8.21	761452	10.65
LOWER LIMIT		107592	4.26	205198	7.21	190363	9.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-674325/4		199189	4.76	384772	7.71	363457	10.15

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 480-674325/4 Date Analyzed: 06/24/2023 13:27

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): S8860.d Heated Purge: (Y/N) N

Calibration ID: 45020

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		199189	4.76	384772	7.71	363457	10.15
UPPER LIMIT		398378	5.26	769544	8.21	726914	10.65
LOWER LIMIT		99595	4.26	192386	7.21	181729	9.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-674325/6		196879	4.76	379404	7.71	368714	10.15
MB 480-674325/8		202452	4.76	373943	7.70	376056	10.15
480-210122-7	MW-46S-202306	189332	4.76	352101	7.71	346371	10.15
480-210122-8	MW-48S-202306	196371	4.76	354436	7.71	368634	10.15
480-210122-6 MS	MW-23S-202306 MS	187590	4.76	376051	7.71	364624	10.15
480-210122-6 MSD	MW-23S-202306 MSD	189846	4.76	369402	7.71	357341	10.15

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 480-665587/18 Date Analyzed: 04/17/2023 17:26

Instrument ID: HP5977L GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Lab File ID (Standard): L4079.D Heated Purge: (Y/N) N

Calibration ID: 44767

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		134151	5.77	571333	8.66	284542	11.06
UPPER LIMIT		268302	6.27	1142666	9.16	569084	11.56
LOWER LIMIT		67076	5.27	285667	8.16	142271	10.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 480-665587/35		132384	5.77	571519	8.66	290044	11.06
CCVIS 480-674307/4		140320	5.78	586991	8.66	307044	11.06

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 480-674307/4 Date Analyzed: 06/23/2023 21:29

Instrument ID: HP5977L GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Lab File ID (Standard): L6661.D Heated Purge: (Y/N) N

Calibration ID: 44770

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		140320	5.78	586991	8.66	307044	11.06
UPPER LIMIT		280640	6.28	1173982	9.16	614088	11.56
LOWER LIMIT		70160	5.28	293496	8.16	153522	10.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-674307/6		135704	5.78	560561	8.66	301500	11.06
MB 480-674307/8		138738	5.78	577292	8.66	296418	11.06
480-210122-1	MW-C11-202306	138683	5.78	587970	8.66	305507	11.06
480-210122-2	MW-C12-202306	139607	5.78	595823	8.66	308282	11.06
480-210122-3	MW-C16-202306	140650	5.78	580609	8.66	297270	11.06
480-210122-4	MW-13S-202306	141021	5.78	586026	8.66	303083	11.06
480-210122-5	MW-22S-202306	139466	5.78	581153	8.66	305391	11.06
480-210122-6	MW-23S-202306	136039	5.78	561910	8.66	298750	11.06
480-210122-9	DUP-1	137553	5.78	590428	8.67	316722	11.06
480-210122-10	TRIP BLANK	137385	5.78	580255	8.66	306874	11.06

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C11-202306 | Lab Sample ID: 480-210122-1

Matrix: Water | Lab File ID: L6666.D

Analysis Method: 8260C | Date Collected: 06/19/2023 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2023 23:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6666.D
Lims ID: 480-210122-D-1
Client ID: MW-C11-202306
Sample Type: Client
Inject. Date: 23-Jun-2023 23:31:53 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-1
Misc. Info.: 480-0112428-009
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
*	1 Fluorobenzene (IS)	70	5.776	5.776	0.000	98	138683	25.0	
*	2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	587970	25.0	
*	3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	305507	25.0	
$	4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	92	210294	24.1	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	275372	28.0	
$	6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	94	783492	24.1	
$	7 4-Bromofluorobenzene (Surr)	174	9.904	9.908	-0.004	97	225638	24.2	
	70 Benzene	78		5.538				ND	
	88 Toluene	92		7.268				ND	
	104 Ethylbenzene	91		8.763				ND	
	106 m-Xylene & p-Xylene	106		8.879				ND	
	107 o-Xylene	106		9.310				ND	
S	143 Xylenes, Total	1		30.000				ND	7
S	142 Total BTEX	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added: 2.00	Units: uL	Run Reagent

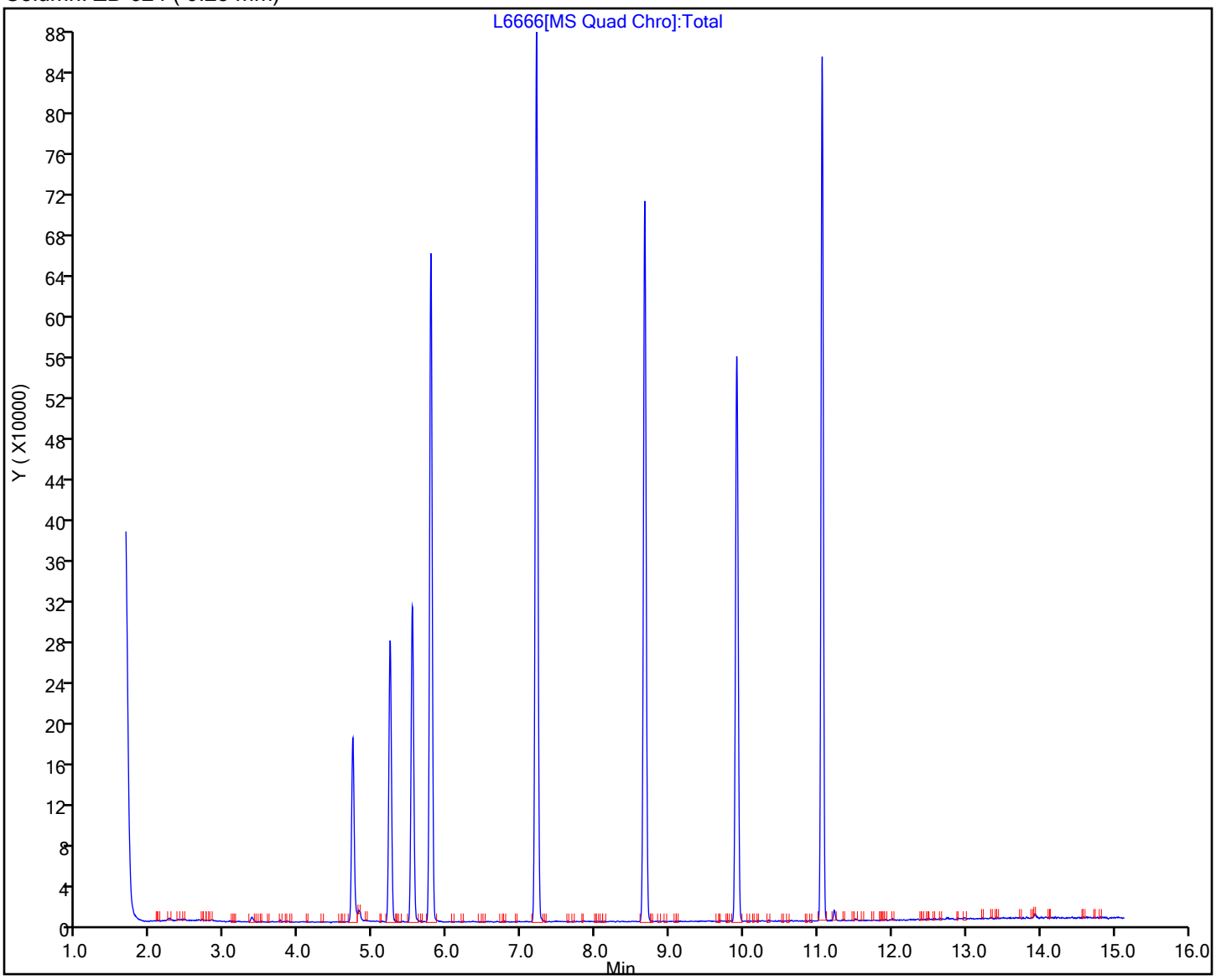
Report Date: 24-Jun-2023 12:37:08 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6666.D

Injection Date:	23-Jun-2023 23:31:53	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-1	Lab Sample ID:	480-210122-1		
Client ID:	MW-C11-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6666.D
Lims ID: 480-210122-D-1
Client ID: MW-C11-202306
Sample Type: Client
Inject. Date: 23-Jun-2023 23:31:53 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-1
Misc. Info.: 480-0112428-009
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.1	96.52
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	28.0	112.20
$ 6 Toluene-d8 (Surr)	25.0	24.1	96.30
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.2	96.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C12-202306 | Lab Sample ID: 480-210122-2

Matrix: Water | Lab File ID: L6667.D

Analysis Method: 8260C | Date Collected: 06/19/2023 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2023 23:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6667.D
Lims ID: 480-210122-D-2
Client ID: MW-C12-202306
Sample Type: Client
Inject. Date: 23-Jun-2023 23:56:23 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-2
Misc. Info.: 480-0112428-010
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:14

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
*	1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	139607	25.0	
*	2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	595823	25.0	
*	3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	97	308282	25.0	
$	4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	92	215810	24.6	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	277611	28.1	
$	6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	94	807702	24.5	
$	7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	96	230610	24.4	
	70 Benzene	78	5.544	5.538	0.006	92	11630	0.3582	
	88 Toluene	92		7.268				ND	
	104 Ethylbenzene	91		8.763				ND	
	106 m-Xylene & p-Xylene	106		8.879				ND	
	107 o-Xylene	106		9.310				ND	
S	143 Xylenes, Total	1		30.000				ND	7
S	142 Total BTEX	1				0		0.3582	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

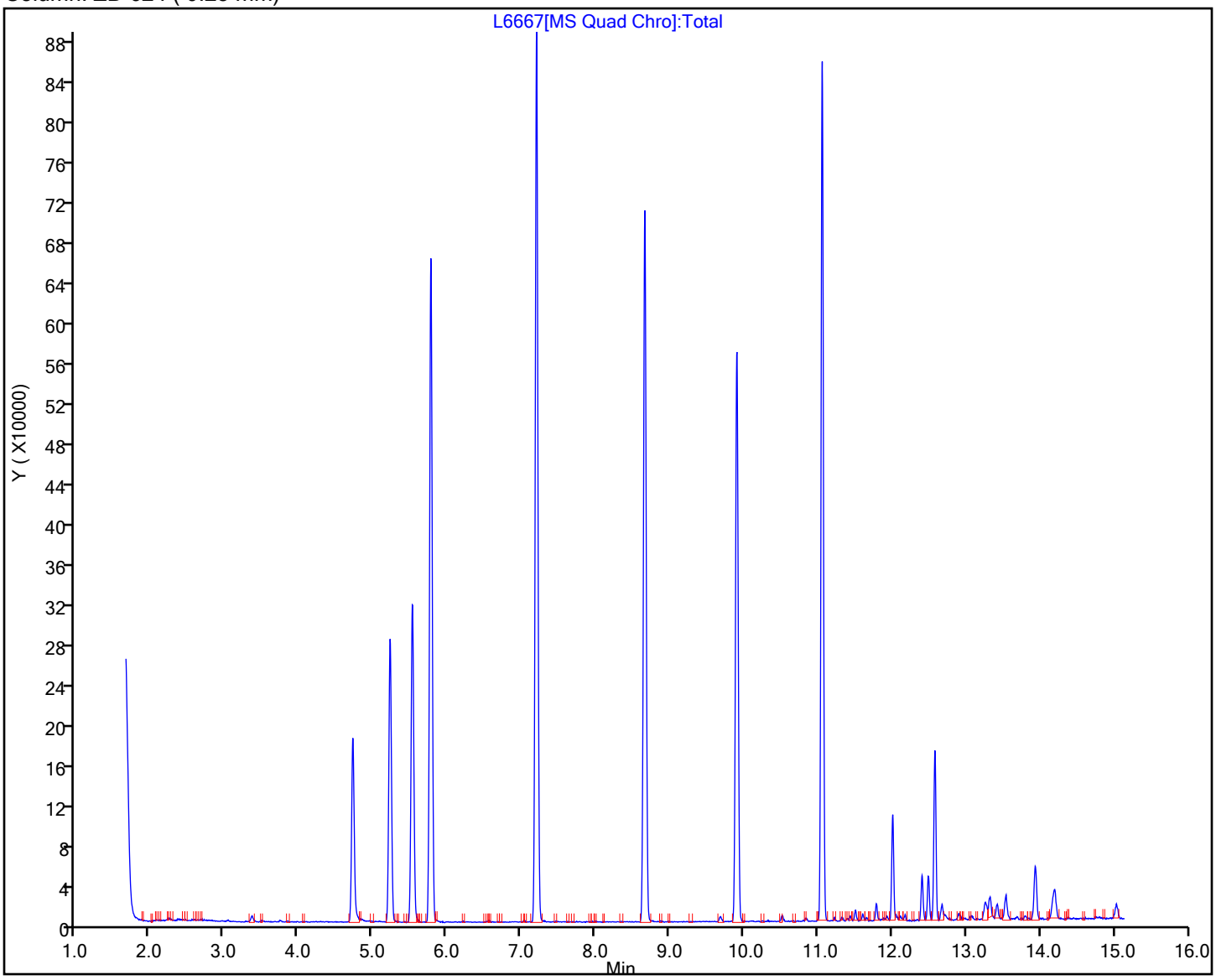
Report Date: 24-Jun-2023 12:37:14 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6667.D

Injection Date:	23-Jun-2023 23:56:23	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-2	Lab Sample ID:	480-210122-2		
Client ID:	MW-C12-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6667.D
Lims ID: 480-210122-D-2
Client ID: MW-C12-202306
Sample Type: Client
Inject. Date: 23-Jun-2023 23:56:23 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-2
Misc. Info.: 480-0112428-010
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.6	98.40
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	28.1	112.36
$ 6 Toluene-d8 (Surr)	25.0	24.5	97.96
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.4	97.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C16-202306 | Lab Sample ID: 480-210122-3

Matrix: Water | Lab File ID: L6668.D

Analysis Method: 8260C | Date Collected: 06/19/2023 14:25

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 00:20

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	5.0	U	5.0	2.1
108-88-3	Toluene	5.0	U	5.0	2.6
100-41-4	Ethylbenzene	5.0	U	5.0	3.7
179601-23-1	m-Xylene & p-Xylene	10	U	10	3.3
95-47-6	o-Xylene	5.0	U	5.0	3.8
1330-20-7	Xylenes, Total	10	U	10	3.3
STL00431	Total BTEX	10	U	10	5.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6668.D				
Lims ID:	480-210122-D-3				
Client ID:	MW-C16-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 00:20:02	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Sample Info:	480-210122-D-3				
Misc. Info.:	480-0112428-011				
Operator ID:	AK	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	24-Jun-2023 12:37:01	Calib Date:	17-Apr-2023 22:43:15		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				
First Level Reviewer: R3QB		Date:	24-Jun-2023 12:37:19		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	140650	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	88	580609	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.062	11.059	0.003	97	297270	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	93	215493	24.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.528	5.525	0.003	99	276530	27.8	
$ 6 Toluene-d8 (Surr)	98	7.203	7.200	0.003	94	794770	24.7	
$ 7 4-Bromofluorobenzene (Surr)	174	9.907	9.908	-0.001	96	215212	23.3	
70 Benzene	78		5.538				ND	
88 Toluene	92		7.268				ND	
104 Ethylbenzene	91		8.763				ND	
106 m-Xylene & p-Xylene	106		8.879				ND	
107 o-Xylene	106		9.310				ND	
S 143 Xylenes, Total	1		30.000				ND	7
S 142 Total BTEX	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 24-Jun-2023 12:37:20 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6668.D

Injection Date: 24-Jun-2023 00:20:02 Instrument ID: HP5977L

Lims ID: 480-210122-D-3 Lab Sample ID: 480-210122-3

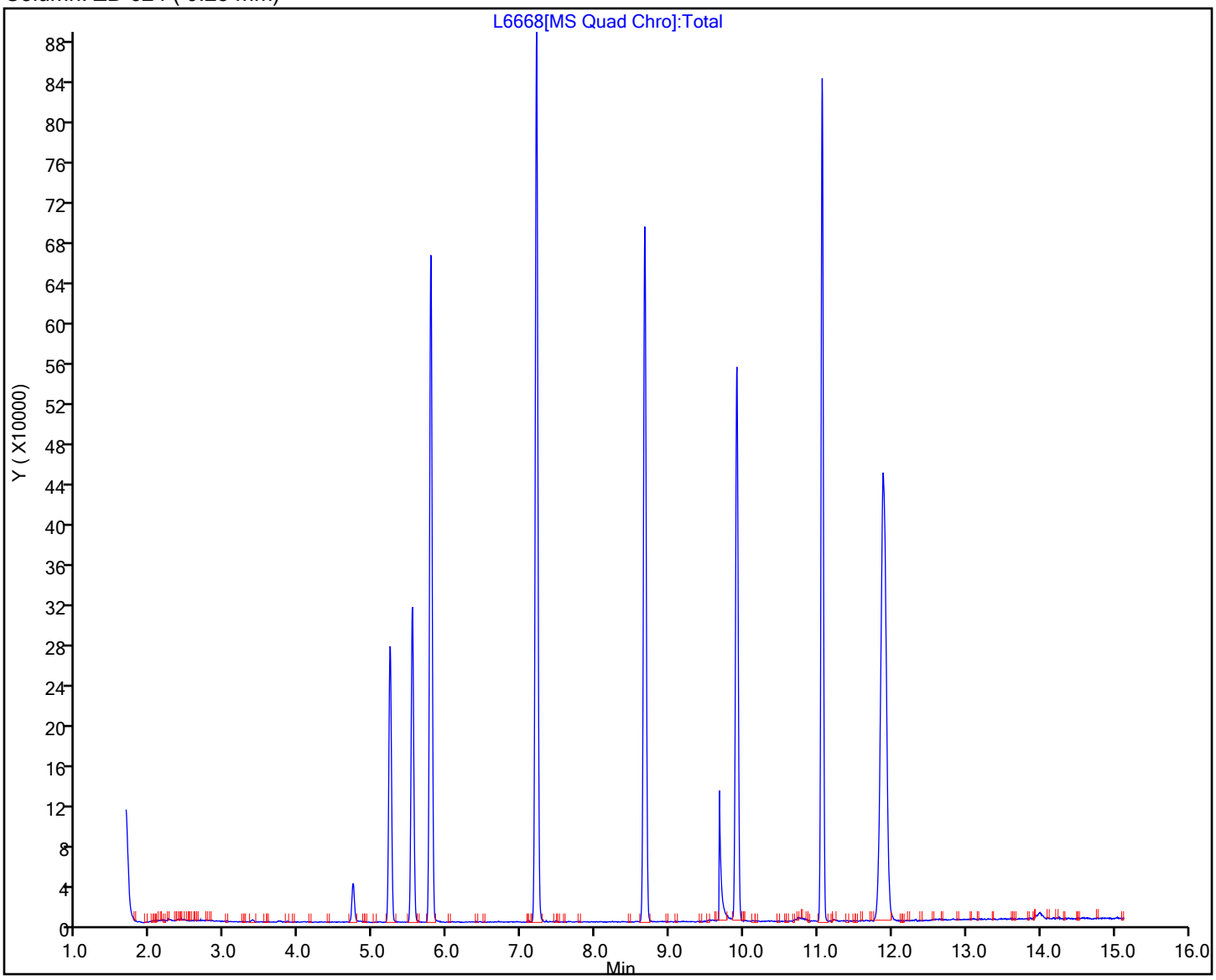
Client ID: MW-C16-202306

Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 5.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6668.D
Lims ID: 480-210122-D-3
Client ID: MW-C16-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:20:02 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-210122-D-3
Misc. Info.: 480-0112428-011
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.4	97.52
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.8	111.10
$ 6 Toluene-d8 (Surr)	25.0	24.7	98.92
$ 7 4-Bromofluorobenzene (Surr)	25.0	23.3	93.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-13S-202306 | Lab Sample ID: 480-210122-4

Matrix: Water | Lab File ID: L6669.D

Analysis Method: 8260C | Date Collected: 06/19/2023 16:10

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 00:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6669.D				
Lims ID:	480-210122-D-4				
Client ID:	MW-13S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 00:44:35	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-210122-D-4				
Misc. Info.:	480-0112428-012				
Operator ID:	AK	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	24-Jun-2023 12:37:01	Calib Date:	17-Apr-2023 22:43:15		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				
First Level Reviewer: R3QB		Date:	24-Jun-2023 12:37:24		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	98	141021	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	586026	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	97	303083	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	93	210545	23.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	277460	27.8	
$ 6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	94	794995	24.5	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	96	224605	24.1	
70 Benzene	78		5.538				ND	
88 Toluene	92		7.268				ND	
104 Ethylbenzene	91		8.763				ND	
106 m-Xylene & p-Xylene	106		8.879				ND	
107 o-Xylene	106		9.310				ND	
S 143 Xylenes, Total	1		30.000				ND	7
S 142 Total BTEX	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

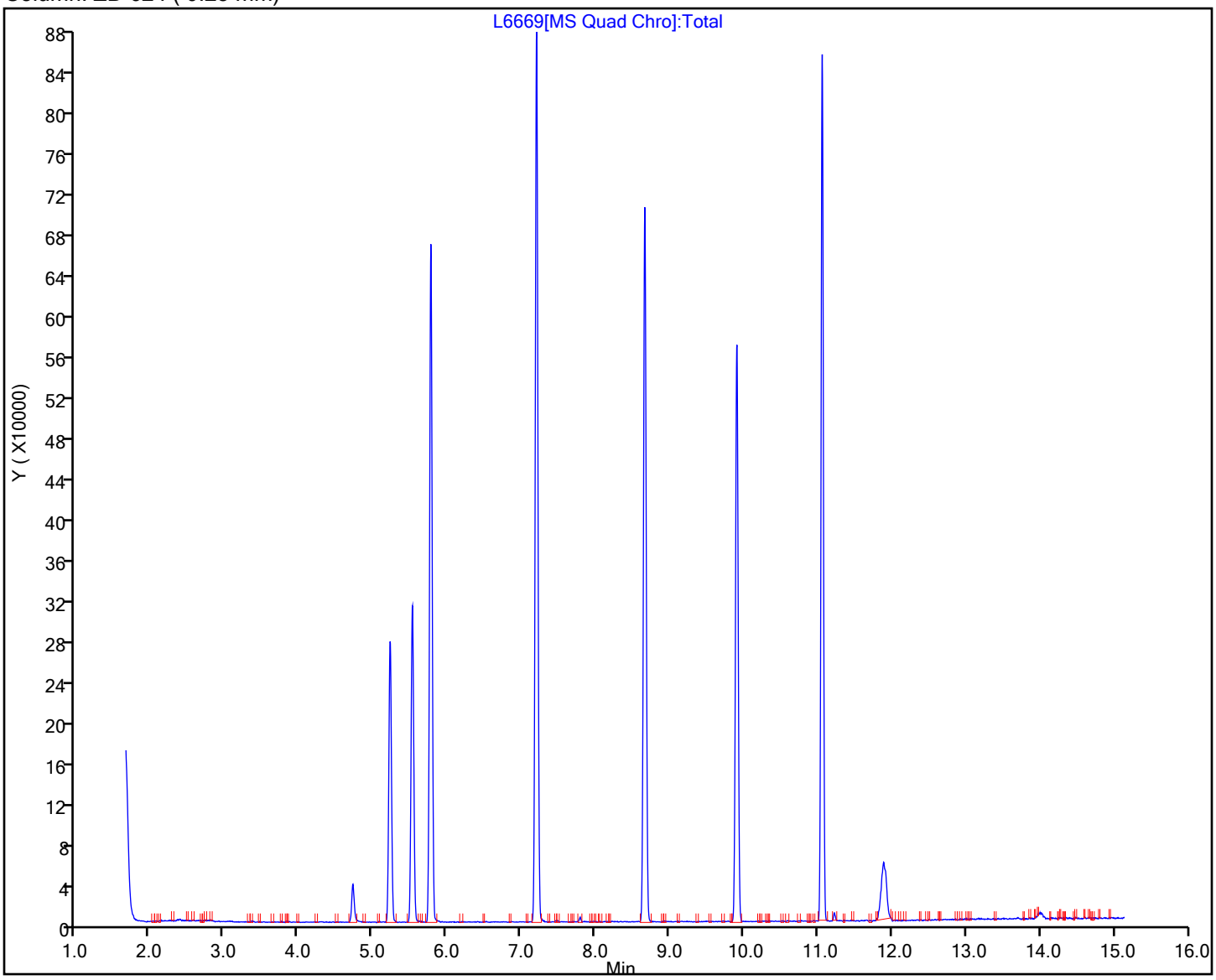
Report Date: 24-Jun-2023 12:37:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6669.D

Injection Date:	24-Jun-2023 00:44:35	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-4	Lab Sample ID:	480-210122-4		
Client ID:	MW-13S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6669.D
Lims ID: 480-210122-D-4
Client ID: MW-13S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:44:35 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-4
Misc. Info.: 480-0112428-012
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	23.8	95.03
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.8	111.18
$ 6 Toluene-d8 (Surr)	25.0	24.5	98.03
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.1	96.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-22S-202306 | Lab Sample ID: 480-210122-5

Matrix: Water | Lab File ID: L6670.D

Analysis Method: 8260C | Date Collected: 06/20/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6670.D				
Lims ID:	480-210122-D-5				
Client ID:	MW-22S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 01:08:40	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-210122-D-5				
Misc. Info.:	480-0112428-013				
Operator ID:	AK	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	24-Jun-2023 12:37:01	Calib Date:	17-Apr-2023 22:43:15		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				
First Level Reviewer: R3QB		Date:	24-Jun-2023 12:37:28		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	98	139466	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	581153	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	97	305391	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	92	214815	24.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	98	270311	27.4	
$ 6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	94	800855	24.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	96	227343	24.6	
70 Benzene	78		5.538				ND	
88 Toluene	92		7.268				ND	
104 Ethylbenzene	91		8.763				ND	
106 m-Xylene & p-Xylene	106		8.879				ND	
107 o-Xylene	106		9.310				ND	
S 143 Xylenes, Total	1		30.000				ND	7
S 142 Total BTEX	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

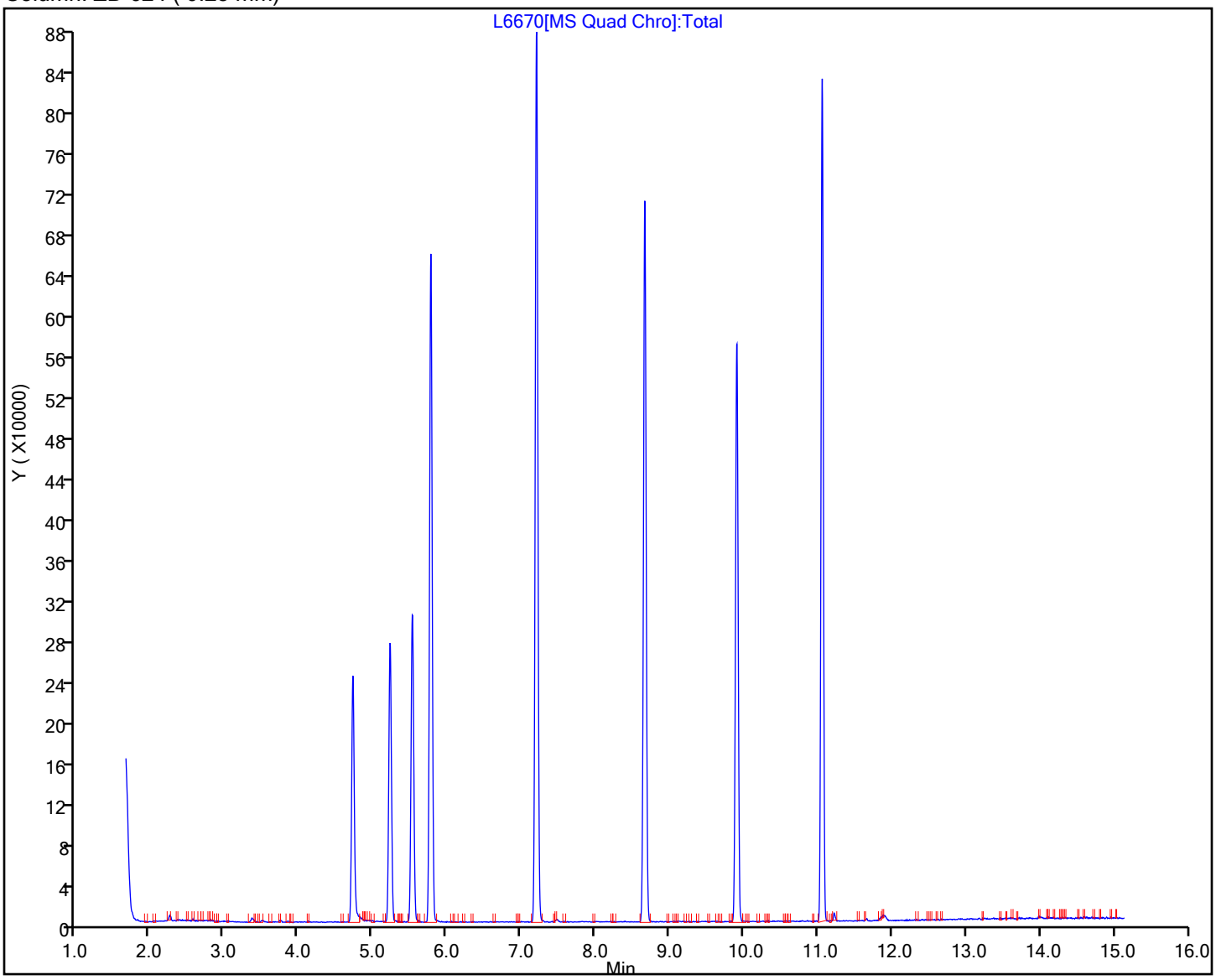
Report Date: 24-Jun-2023 12:37:28 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6670.D

Injection Date:	24-Jun-2023 01:08:40	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-5	Lab Sample ID:	480-210122-5		
Client ID:	MW-22S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6670.D				
Lims ID:	480-210122-D-5				
Client ID:	MW-22S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 01:08:40	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-210122-D-5				
Misc. Info.:	480-0112428-013				
Operator ID:	AK	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	24-Jun-2023 12:37:01	Calib Date:	17-Apr-2023 22:43:15		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.5	98.04
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.4	109.52
$ 6 Toluene-d8 (Surr)	25.0	24.9	99.58
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.6	98.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 | Lab Sample ID: 480-210122-6

Matrix: Water | Lab File ID: L6671.D

Analysis Method: 8260C | Date Collected: 06/19/2023 17:10

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 01:33

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	2.1		2.0	0.82
108-88-3	Toluene	2.5		2.0	1.0
100-41-4	Ethylbenzene	69	F1	2.0	1.5
179601-23-1	m-Xylene & p-Xylene	9.1	F1	4.0	1.3
95-47-6	o-Xylene	41	F1	2.0	1.5
1330-20-7	Xylenes, Total	50	F1	4.0	1.3
STL00431	Total BTEX	120	F1	4.0	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D				
Lims ID:	480-210122-D-6				
Client ID:	MW-23S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 01:33:13	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Sample Info:	480-210122-D-6				
Misc. Info.:	480-0112428-014				
Operator ID:	AK	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	24-Jun-2023 12:37:01	Calib Date:	17-Apr-2023 22:43:15		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				
First Level Reviewer: R3QB		Date:	24-Jun-2023 12:37:41		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	98	136039	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	561910	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.062	11.059	0.003	95	298750	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	92	209699	24.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.528	5.525	0.003	99	265183	27.5	
$ 6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	95	780833	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	97	230514	25.8	
70 Benzene	78	5.541	5.538	0.003	97	33563	1.06	
88 Toluene	92	7.271	7.268	0.003	95	25536	1.27	
104 Ethylbenzene	91	8.763	8.763	0.000	98	1259498	34.7	
106 m-Xylene & p-Xylene	106	8.882	8.879	0.003	98	66749	4.57	
107 o-Xylene	106	9.310	9.310	0.000	98	295474	20.3	
S 143 Xylenes, Total	1				0		24.9	
S 142 Total BTEX	1				0		61.9	

QC Flag Legend

Processing Flags

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

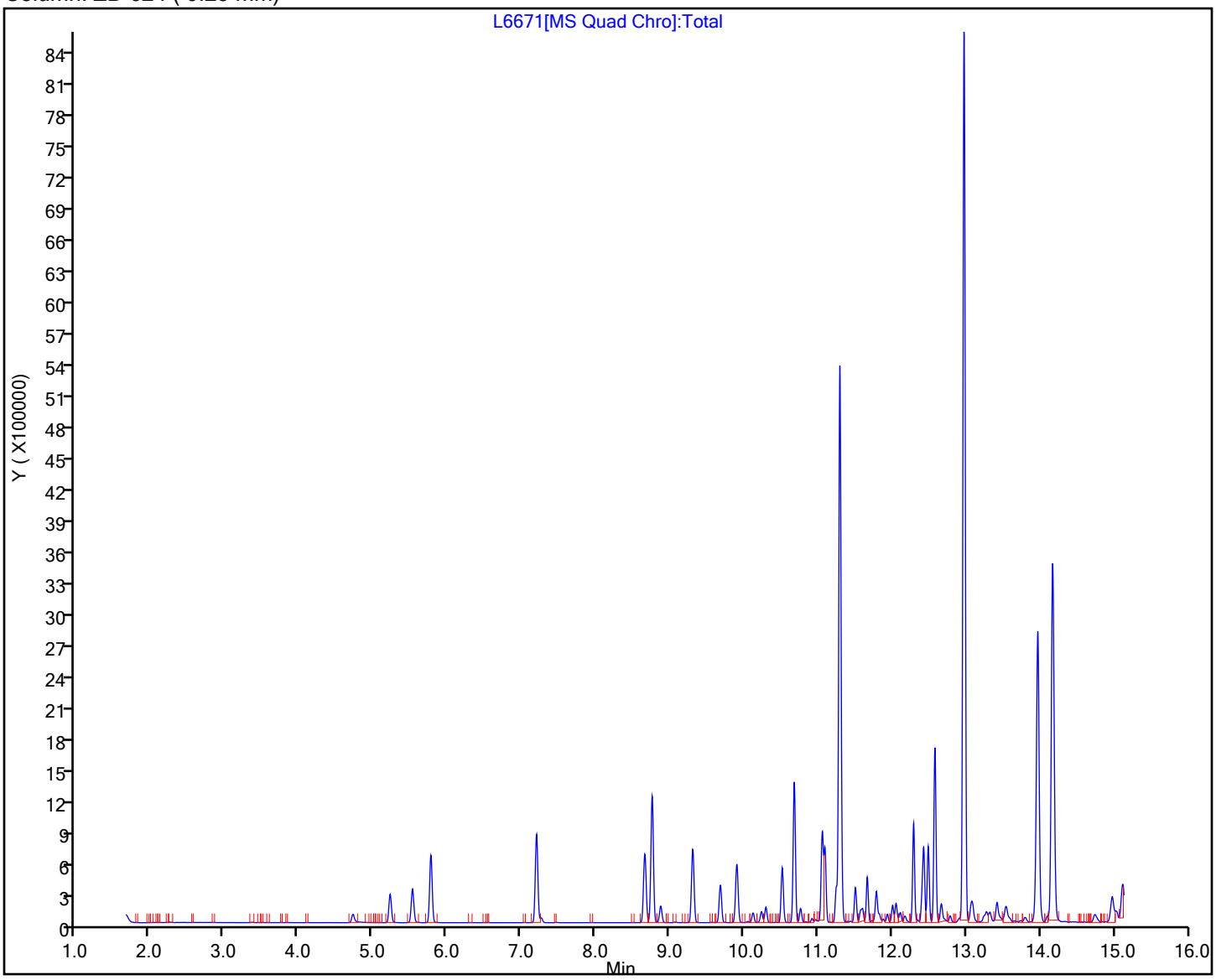
Report Date: 24-Jun-2023 12:37:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D

Injection Date:	24-Jun-2023 01:33:13	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-6	Lab Sample ID:	480-210122-6		
Client ID:	MW-23S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D
Lims ID: 480-210122-D-6
Client ID: MW-23S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:33:13 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-210122-D-6
Misc. Info.: 480-0112428-014
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

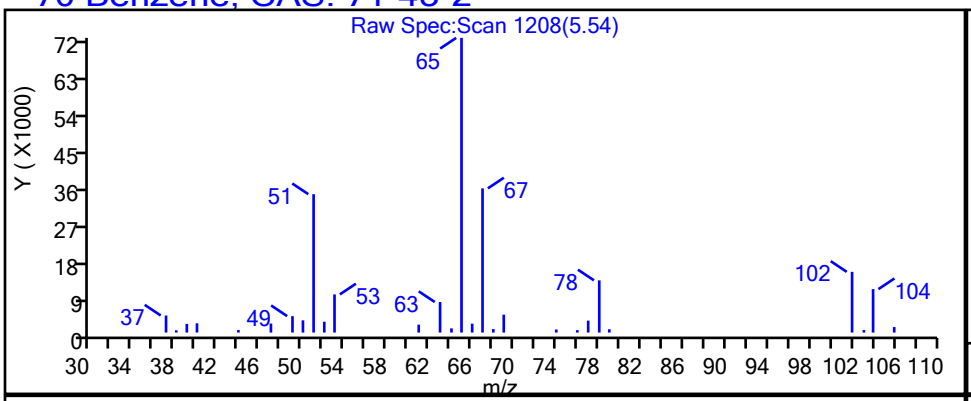
First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:41

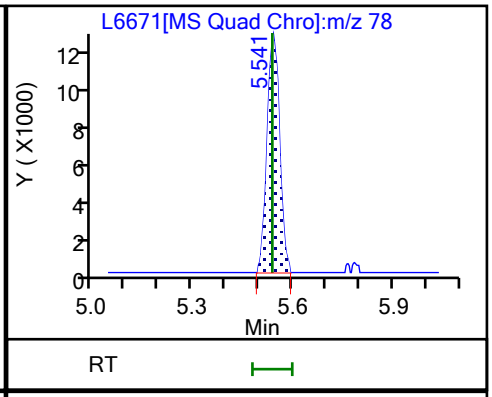
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.5	98.12
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.5	110.15
$ 6 Toluene-d8 (Surr)	25.0	25.1	100.42
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.8	103.35

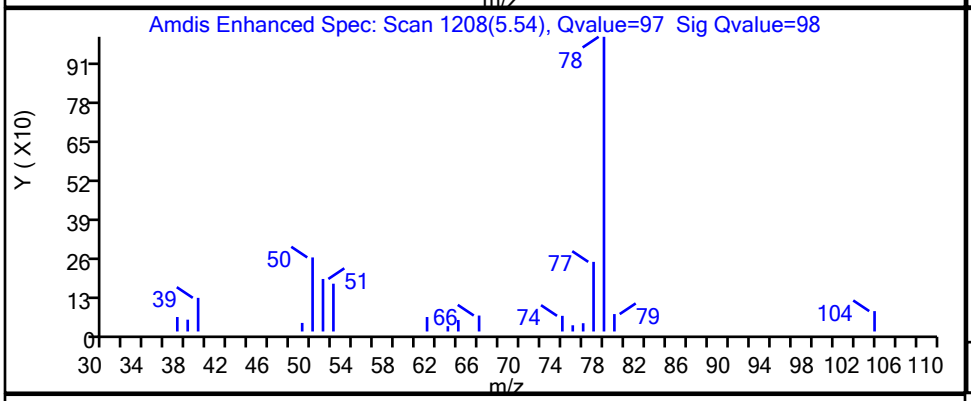
Eurofins Buffalo

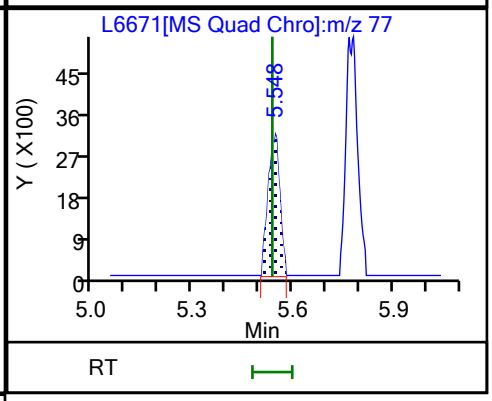
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D
Injection Date: 24-Jun-2023 01:33:13 Instrument ID: HP5977L
Lims ID: 480-210122-D-6 Lab Sample ID: 480-210122-6
Client ID: MW-23S-202306
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

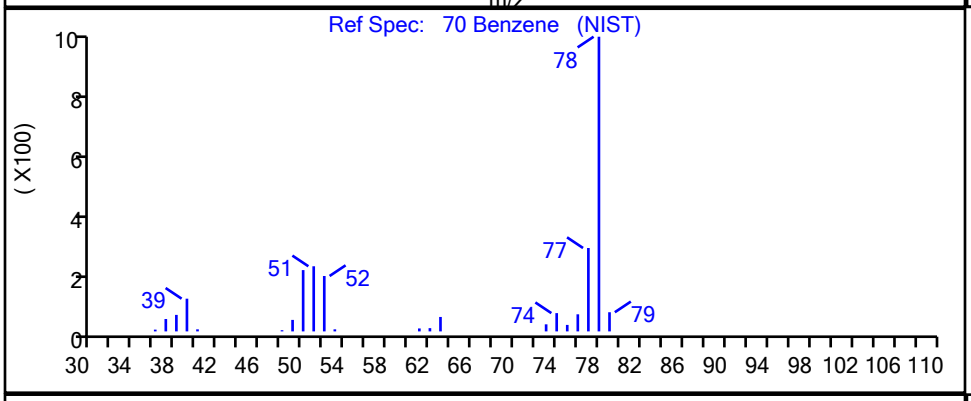
70 Benzene, CAS: 71-43-2

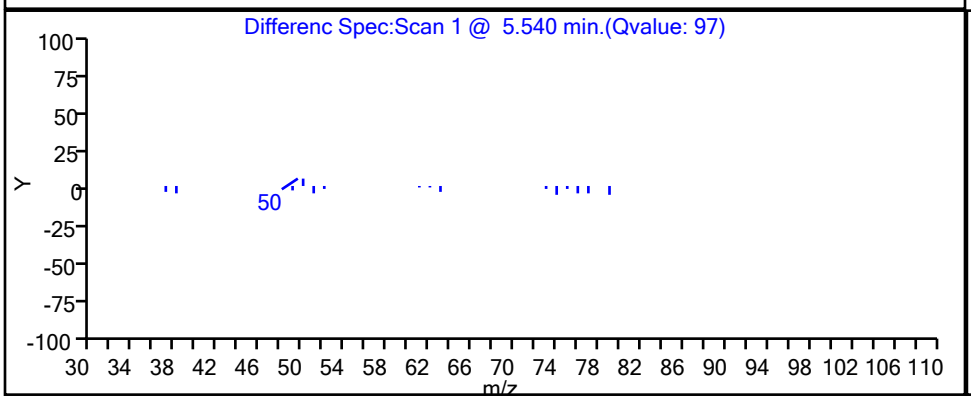


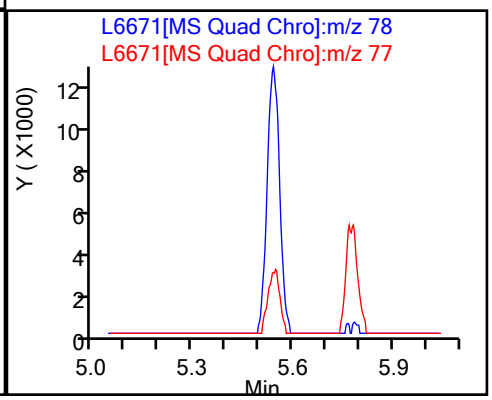








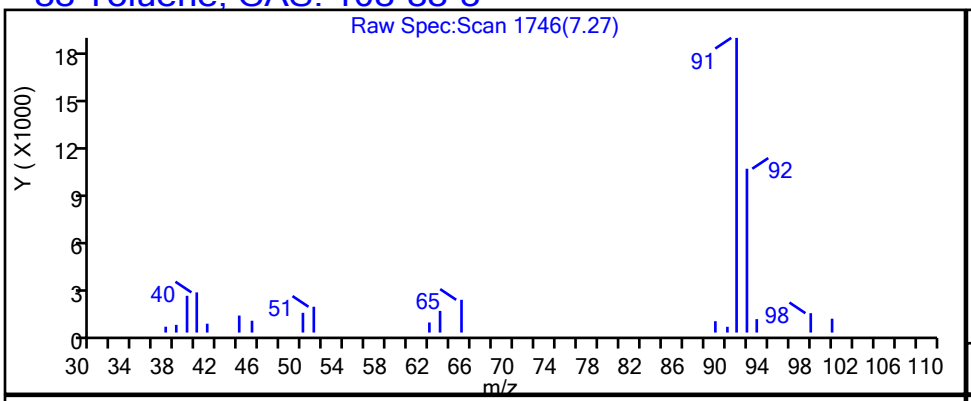


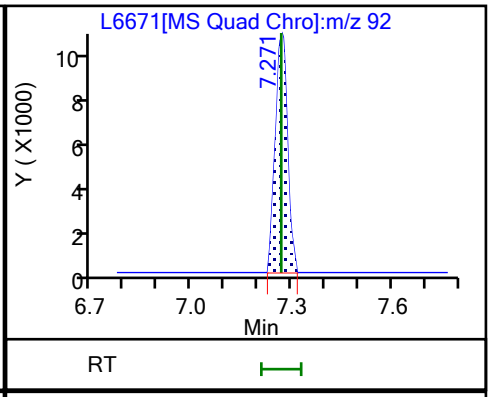


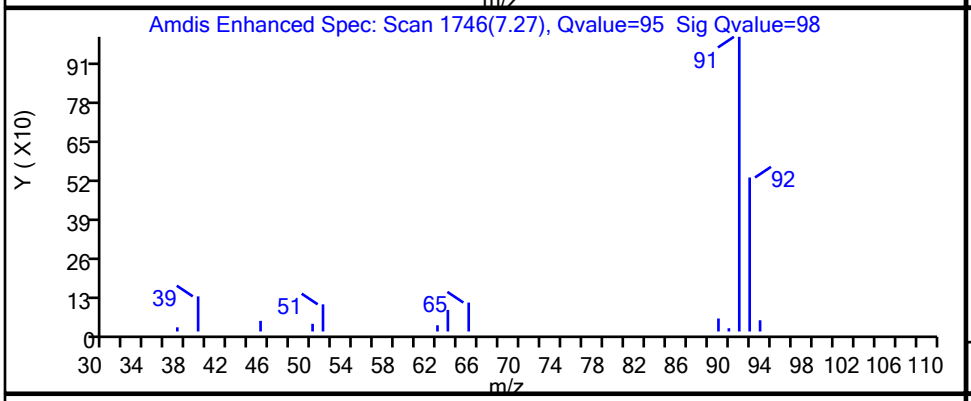
Eurofins Buffalo

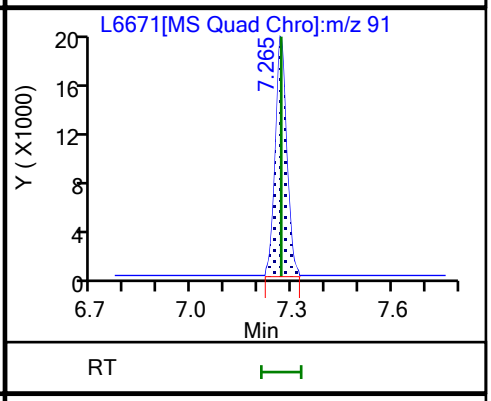
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D				
Injection Date:	24-Jun-2023 01:33:13	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-6	Lab Sample ID:	480-210122-6		
Client ID:	MW-23S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

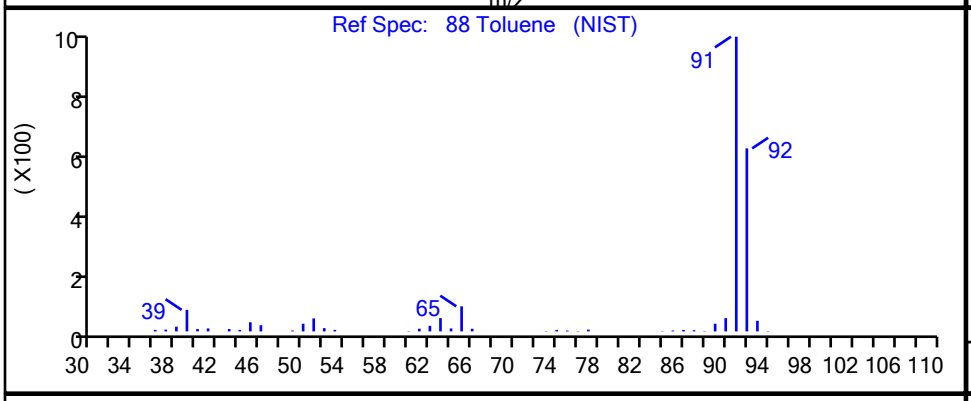
88 Toluene, CAS: 108-88-3

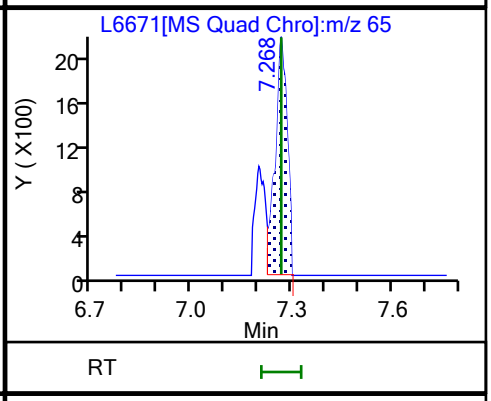


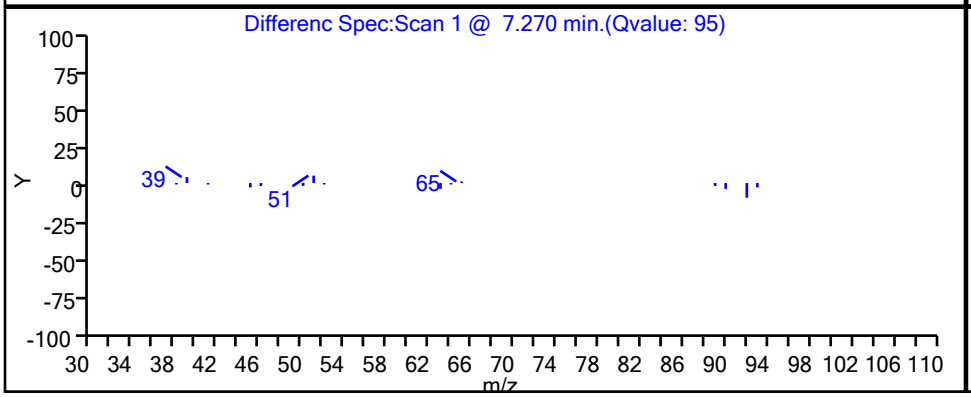


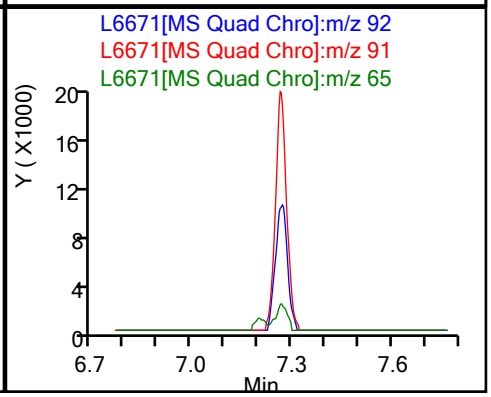








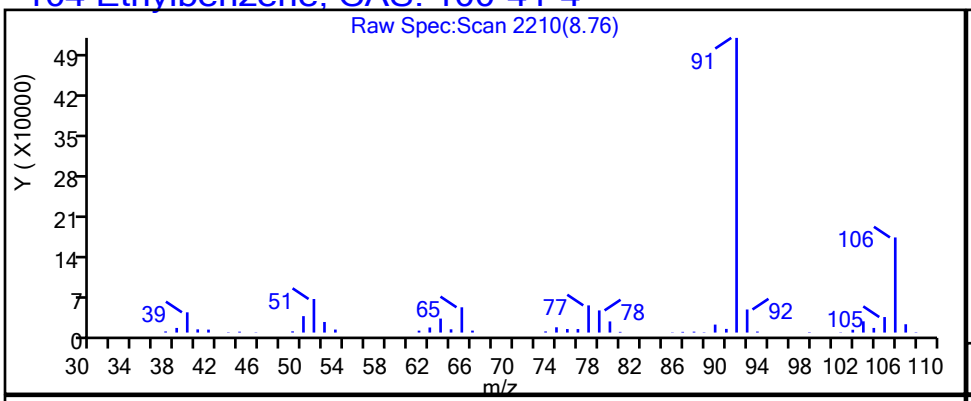


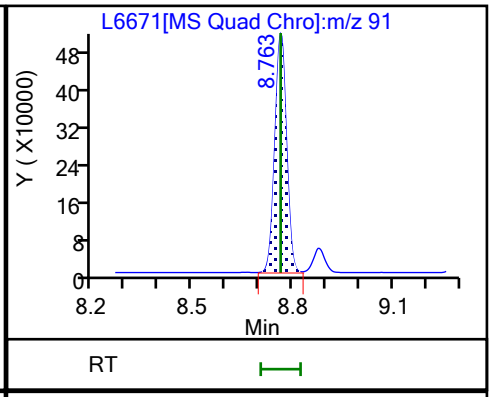


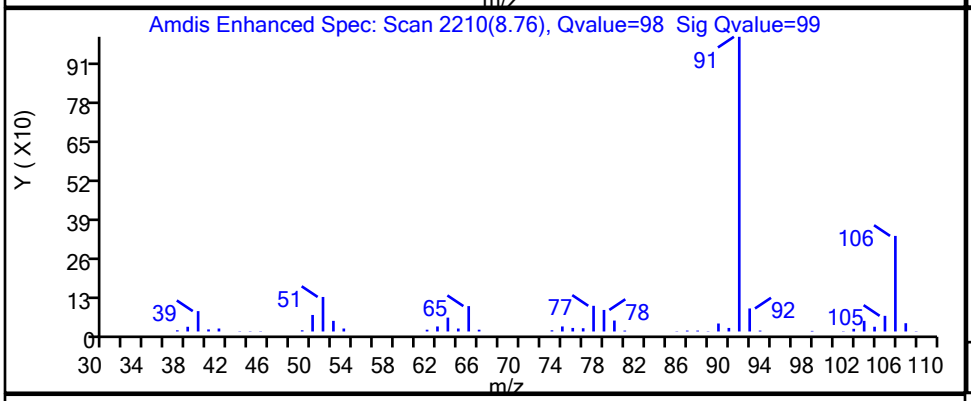
Eurofins Buffalo

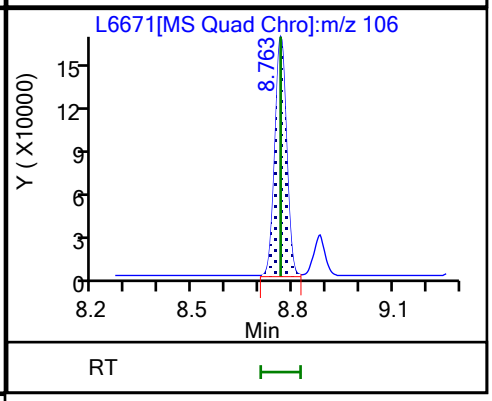
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D				
Injection Date:	24-Jun-2023 01:33:13	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-6	Lab Sample ID:	480-210122-6		
Client ID:	MW-23S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

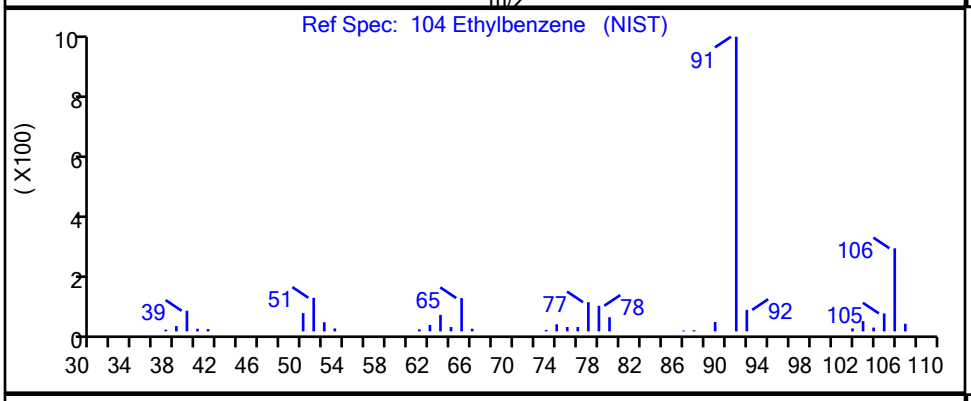
104 Ethylbenzene, CAS: 100-41-4

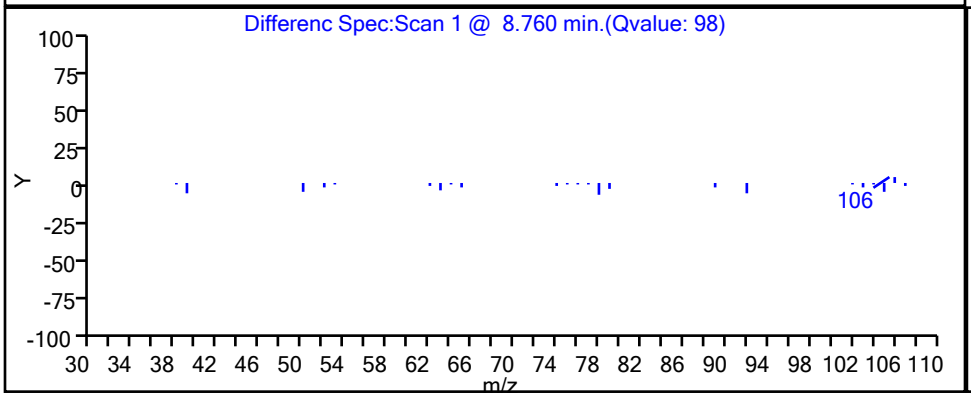


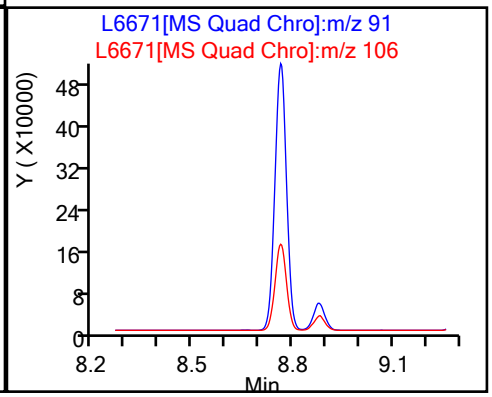












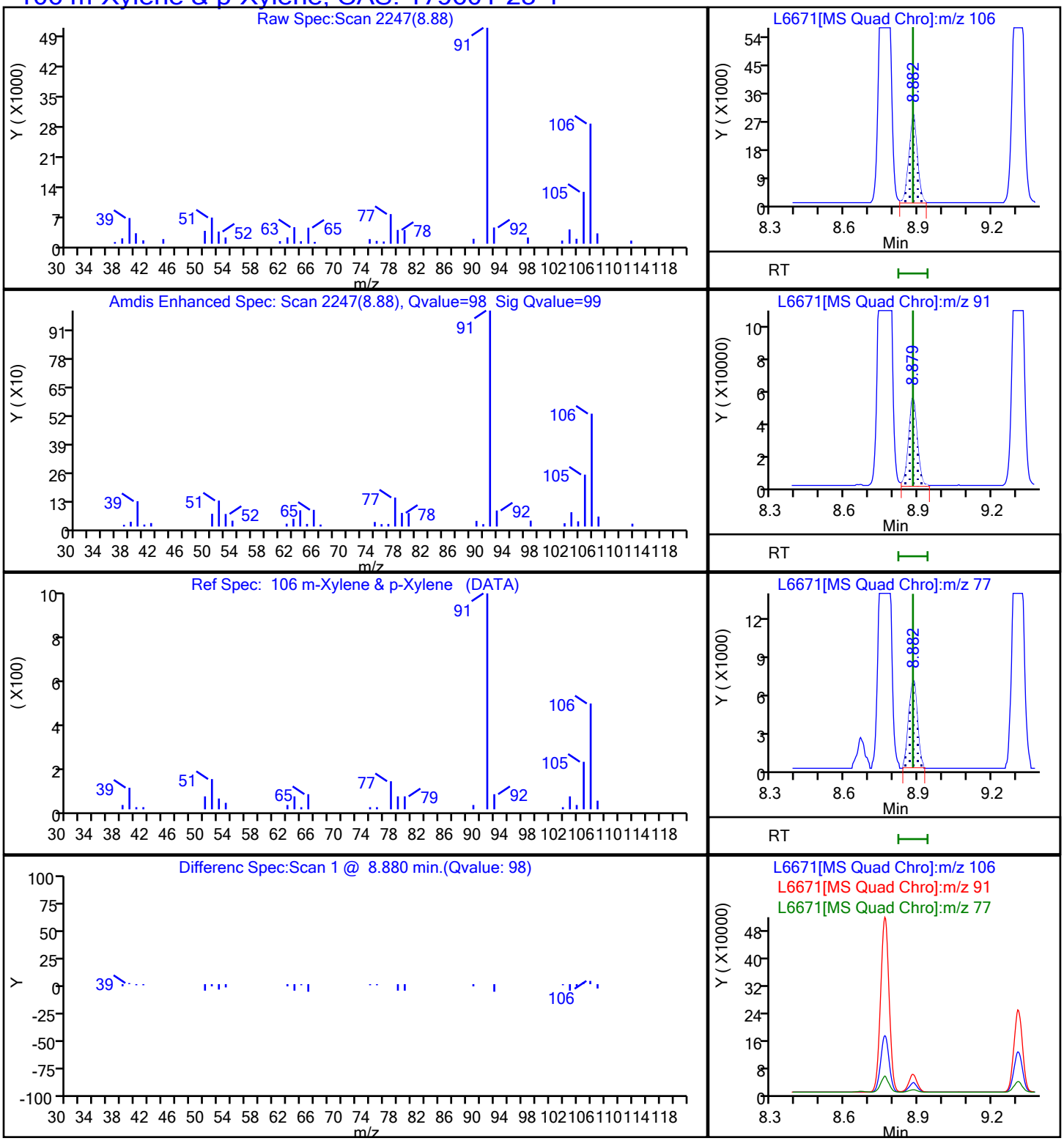
Report Date: 24-Jun-2023 12:37:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D

Injection Date:	24-Jun-2023 01:33:13	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-6	Lab Sample ID:	480-210122-6		
Client ID:	MW-23S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

106 m-Xylene & p-Xylene, CAS: 179601-23-1



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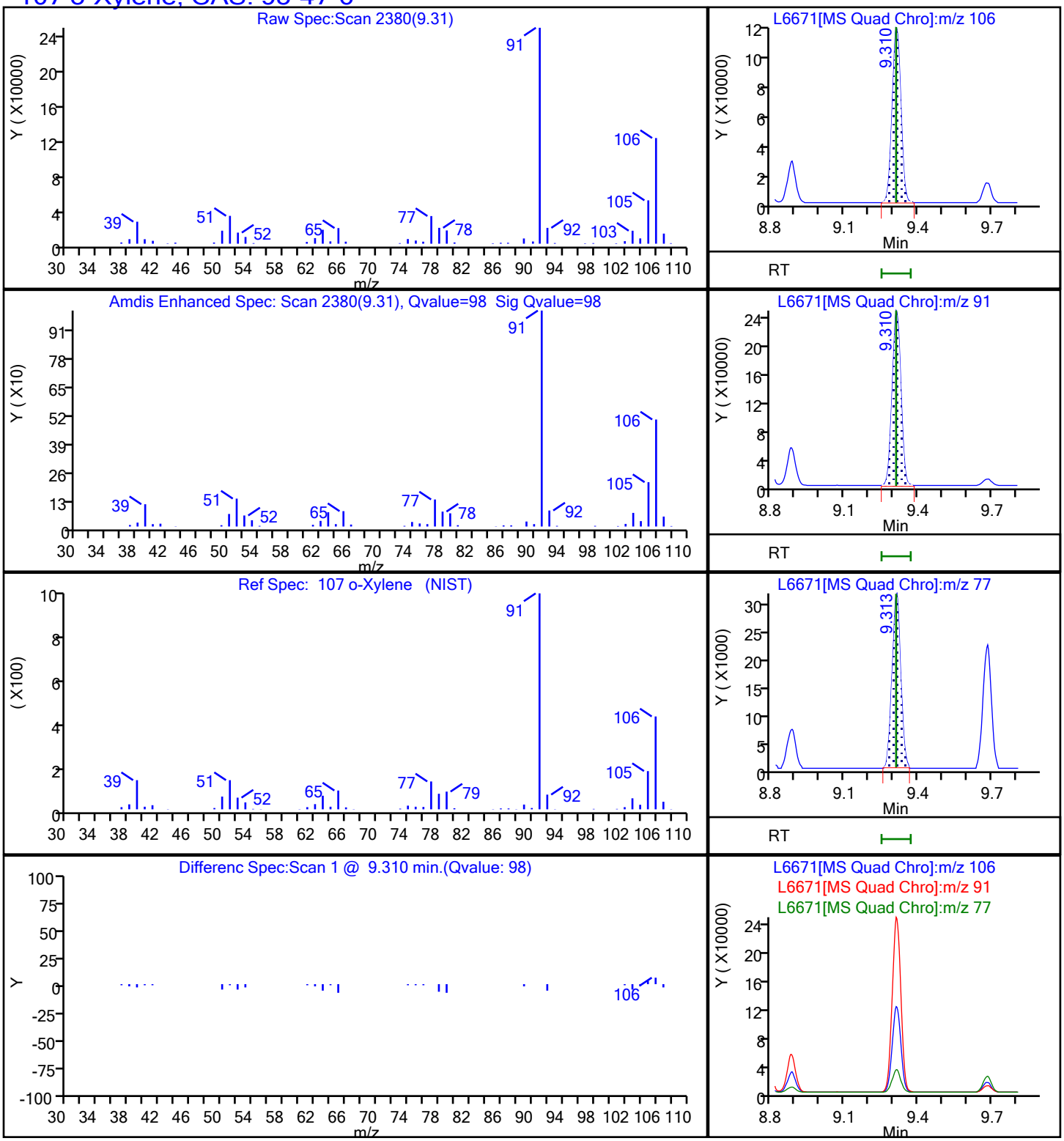
Report Date: 24-Jun-2023 12:37:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6671.D

Injection Date:	24-Jun-2023 01:33:13	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-6	Lab Sample ID:	480-210122-6		
Client ID:	MW-23S-202306				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

107 o-Xylene, CAS: 95-47-6



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-46S-202306 | Lab Sample ID: 480-210122-7

Matrix: Water | Lab File ID: S8877.d

Analysis Method: 8260C | Date Collected: 06/20/2023 08:40

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 20:06

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	220		5.0	2.1
108-88-3	Toluene	4.4	J	5.0	2.6
100-41-4	Ethylbenzene	280		5.0	3.7
179601-23-1	m-Xylene & p-Xylene	17		10	3.3
95-47-6	o-Xylene	71		5.0	3.8
1330-20-7	Xylenes, Total	88		10	3.3
STL00431	Total BTEX	590		10	5.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d				
Lims ID:	480-210122-E-7				
Client ID:	MW-46S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 20:06:30	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Sample Info:	480-210122-E-7				
Misc. Info.:	480-0112432-021				
Operator ID:	AK	Instrument ID:	HP5973S		
Method:	\\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	26-Jun-2023 11:36:33	Calib Date:	20-Jun-2023 02:55:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d				
Column 1 :	ZB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1653				
First Level Reviewer: FGO5		Date:	26-Jun-2023 11:36:53		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	99	189332	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	84	352101	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	95	346371	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	221219	26.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	40	150328	25.6	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	92	826285	25.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.961	0.000	90	247705	25.4	
57 Benzene	78	4.490	4.484	0.006	97	1491008	44.4	
74 Toluene	92	6.315	6.309	0.006	74	18188	0.8804	
88 Ethylbenzene	91	7.836	7.836	0.000	99	2101755	56.3	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	48772	3.43	
91 o-Xylene	106	8.377	8.377	0.000	96	209439	14.1	
S 123 Total BTEX	1				0		119.1	
S 124 Xylenes, Total	1				0		17.5	

QC Flag Legend

Processing Flags

Reagents:

S_8260_IS_00364	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added:	1.00	Units: uL	Run Reagent

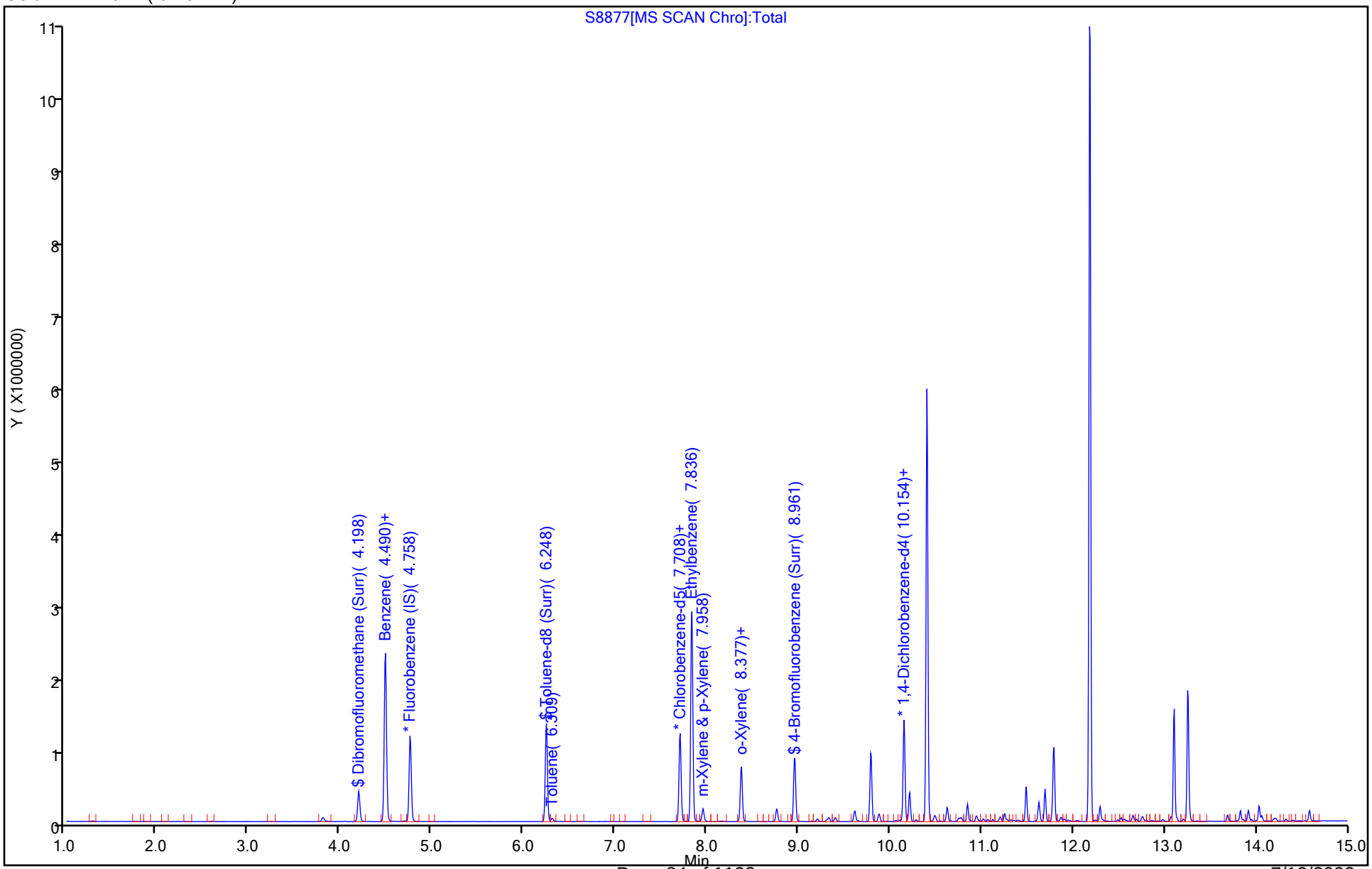
Report Date: 26-Jun-2023 11:36:53 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d

Injection Date:	24-Jun-2023 20:06:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	480-210122-E-7	Lab Sample ID:	480-210122-7	Worklist Smp#:	21
Client ID:	MW-46S-202306				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	21
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



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Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d
Lims ID: 480-210122-E-7
Client ID: MW-46S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 20:06:30 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-210122-E-7
Misc. Info.: 480-0112432-021
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:36:33 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:36:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	26.0	104.17
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.6	102.54
$ 5 Toluene-d8 (Surr)	25.0	25.0	99.96
$ 6 4-Bromofluorobenzene (Surr)	25.0	25.4	101.44

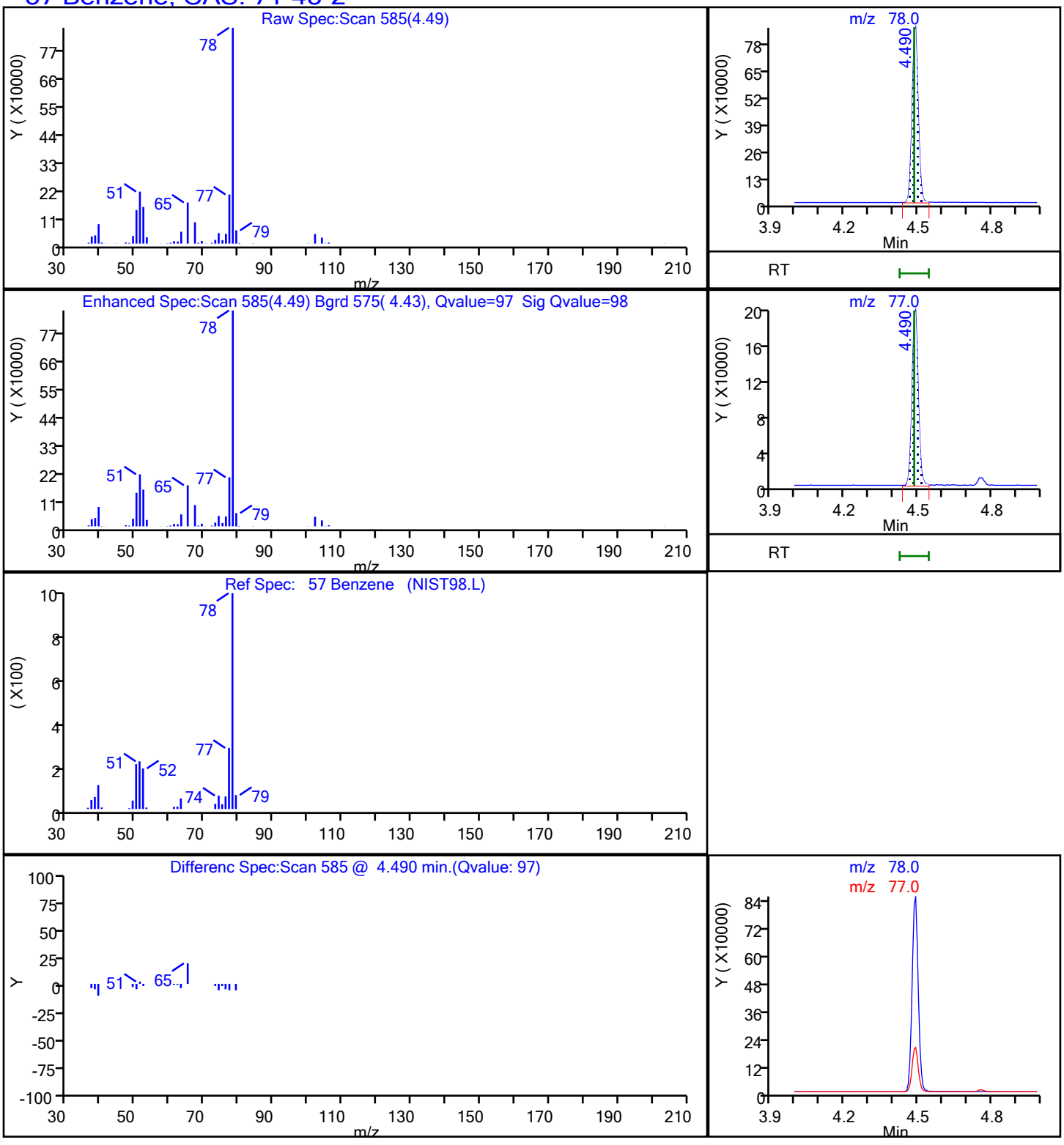
Report Date: 26-Jun-2023 11:36:53 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d

Injection Date:	24-Jun-2023 20:06:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-7	Lab Sample ID:	480-210122-7		
Client ID:	MW-46S-202306				
Operator ID:	AK	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

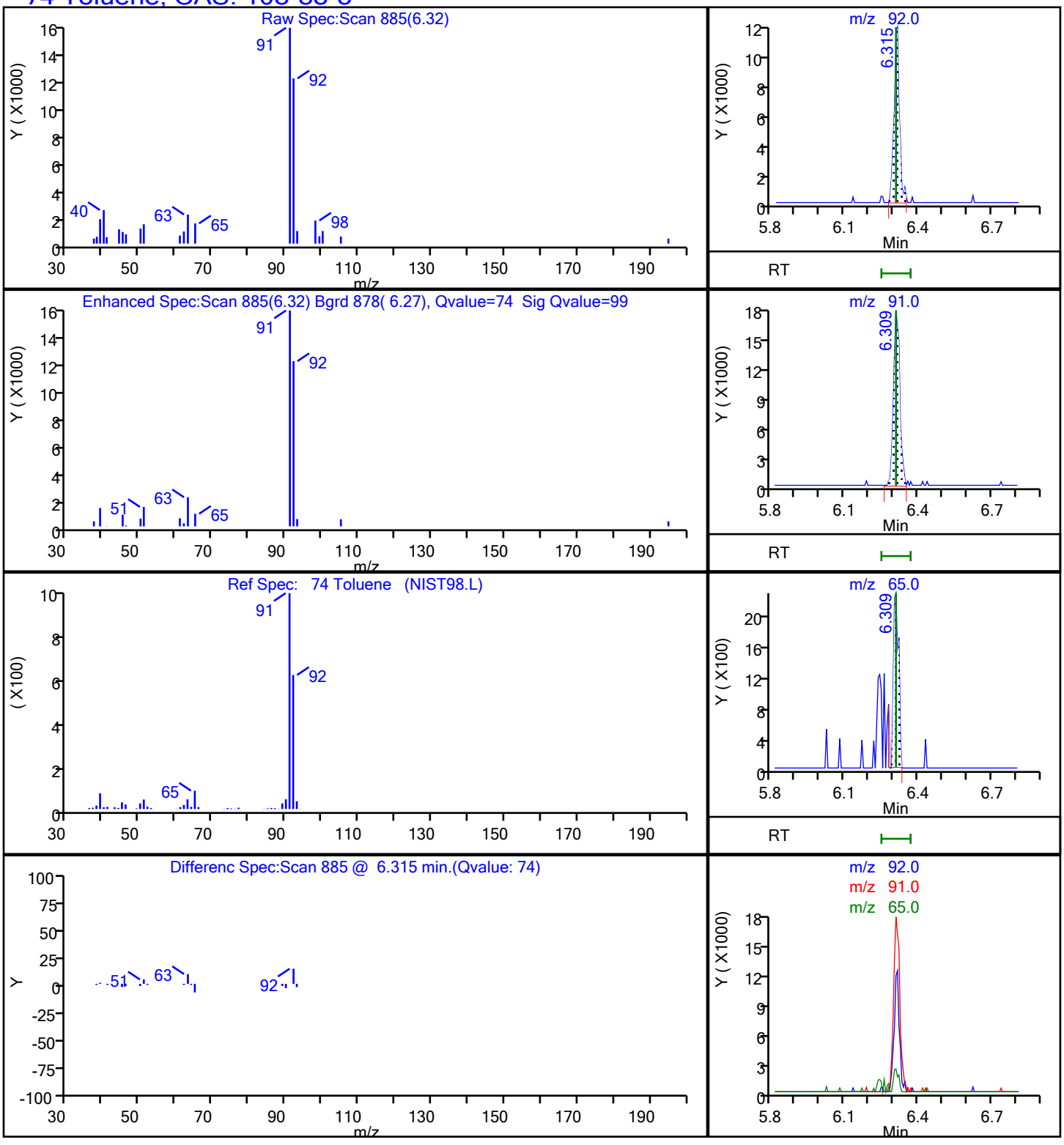
57 Benzene, CAS: 71-43-2



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d
Injection Date: 24-Jun-2023 20:06:30 Instrument ID: HP5973S
Lims ID: 480-210122-E-7 Lab Sample ID: 480-210122-7
Client ID: MW-46S-202306
Operator ID: AK ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

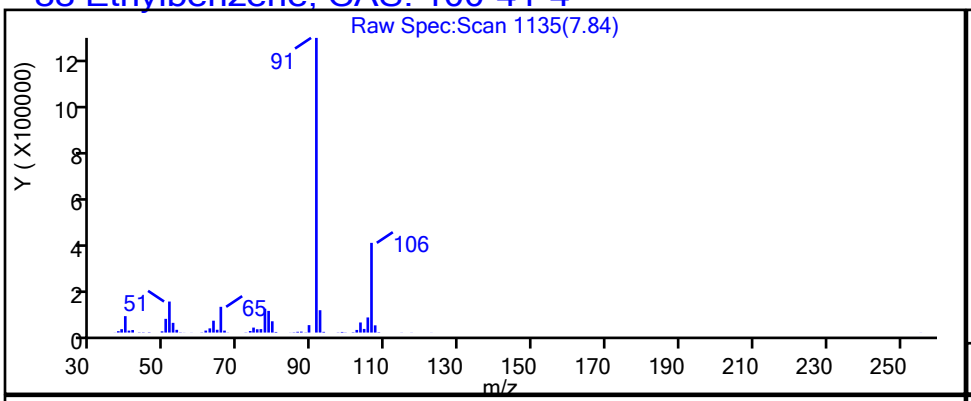
74 Toluene, CAS: 108-88-3

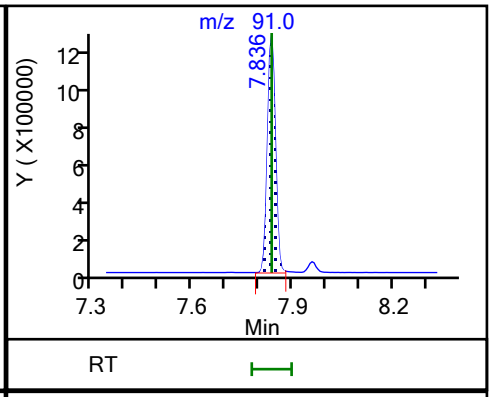


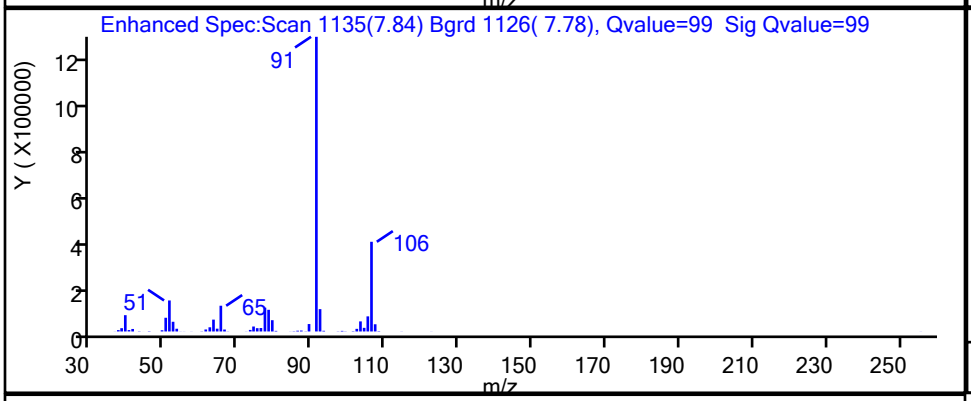
Eurofins Buffalo

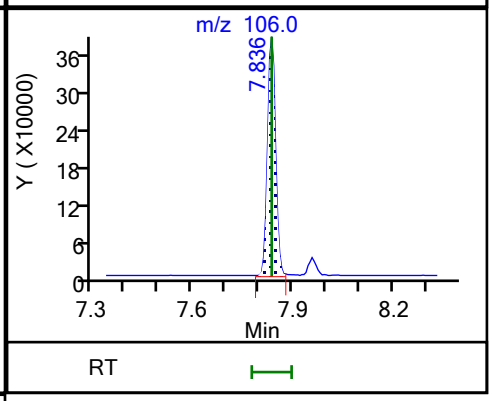
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d				
Injection Date:	24-Jun-2023 20:06:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-7	Lab Sample ID:	480-210122-7		
Client ID:	MW-46S-202306				
Operator ID:	AK	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

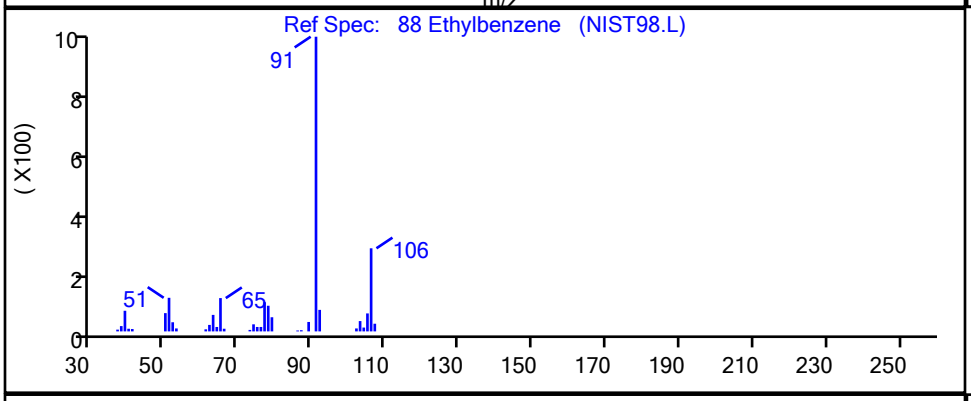
88 Ethylbenzene, CAS: 100-41-4

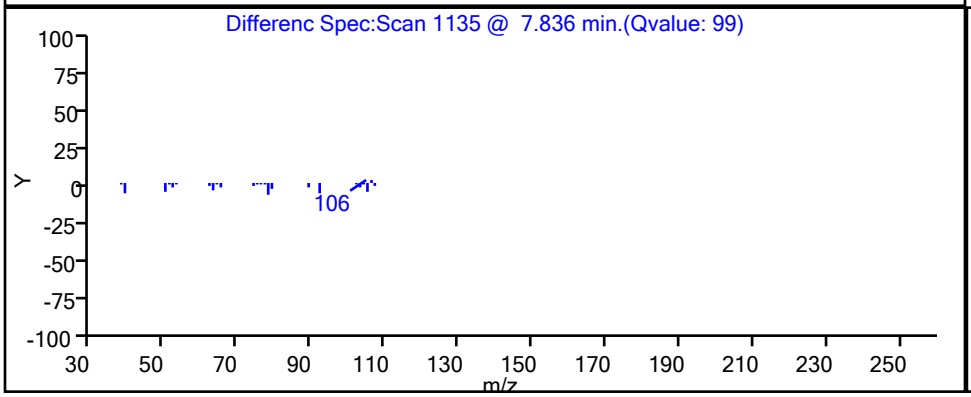


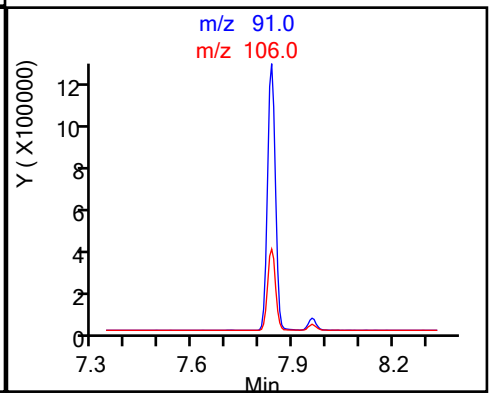








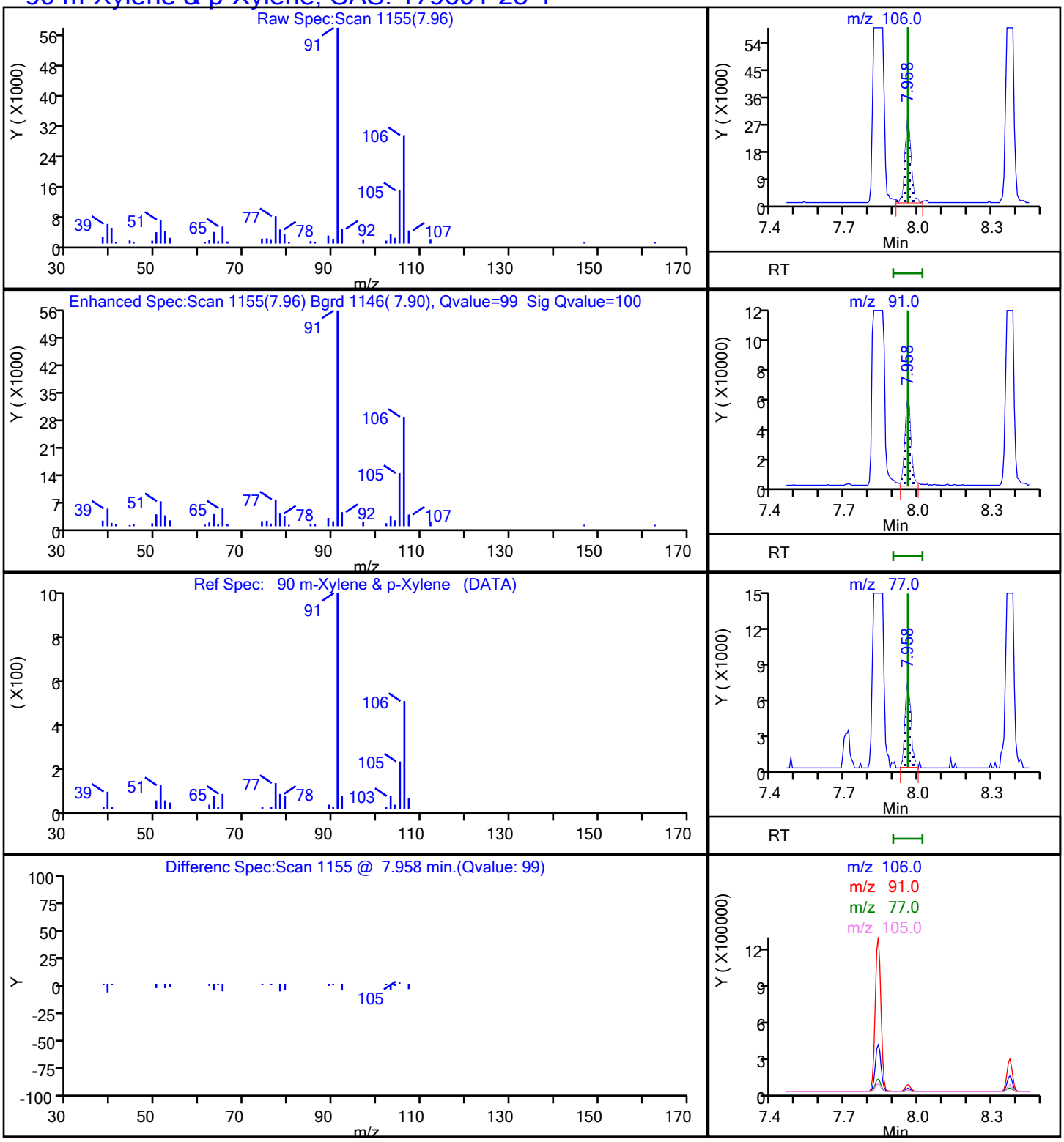




Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d				
Injection Date:	24-Jun-2023 20:06:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-7	Lab Sample ID:	480-210122-7		
Client ID:	MW-46S-202306				
Operator ID:	AK	ALS Bottle#:	21	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

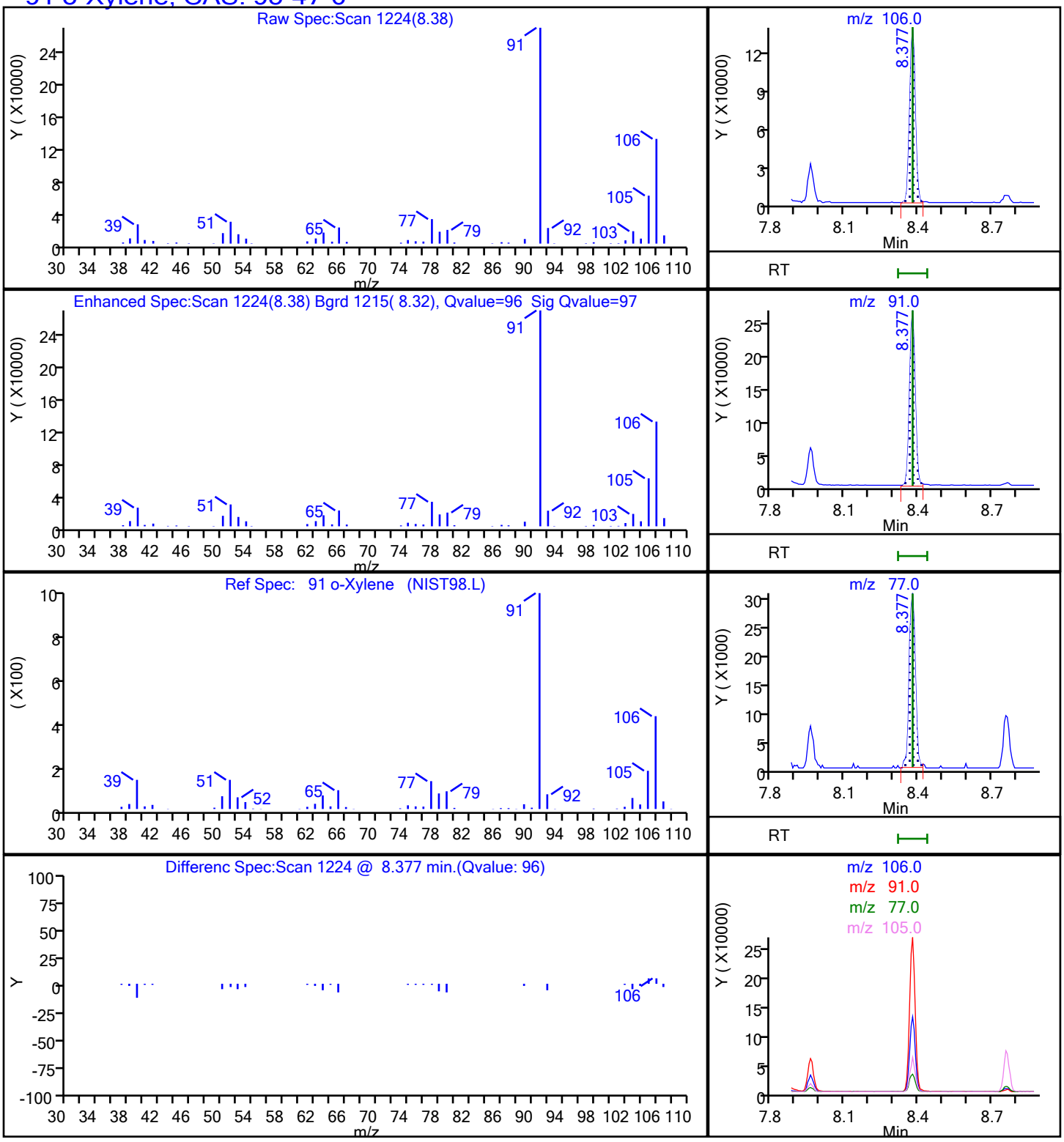
90 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8877.d
Injection Date: 24-Jun-2023 20:06:30 Instrument ID: HP5973S
Lims ID: 480-210122-E-7 Lab Sample ID: 480-210122-7
Client ID: MW-46S-202306
Operator ID: AK ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

91 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-48S-202306 | Lab Sample ID: 480-210122-8

Matrix: Water | Lab File ID: S8878.d

Analysis Method: 8260C | Date Collected: 06/19/2023 18:25

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 20:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	26		1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	14		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	1.4	J	2.0	0.66
95-47-6	o-Xylene	8.3		1.0	0.76
1330-20-7	Xylenes, Total	9.7		2.0	0.66
STL00431	Total BTEX	50		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d
Lims ID: 480-210122-E-8
Client ID: MW-48S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 20:29:30 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-E-8
Misc. Info.: 480-0112432-022
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:36:33 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:37:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	99	196371	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	84	354436	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	95	368634	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	70	229419	26.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	53	149261	24.5	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	92	849367	25.5	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.961	0.001	89	253713	25.8	
57 Benzene	78	4.484	4.484	0.000	96	918905	26.4	
74 Toluene	92		6.309				ND	
88 Ethylbenzene	91	7.836	7.836	0.000	98	518333	13.8	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	95	19986	1.40	
91 o-Xylene	106	8.378	8.377	0.001	97	123851	8.29	
S 123 Total BTEX	1				0		49.9	
S 124 Xylenes, Total	1				0		9.69	

QC Flag Legend
Processing Flags

Reagents:

S_8260_IS_00364	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added:	1.00	Units: uL	Run Reagent

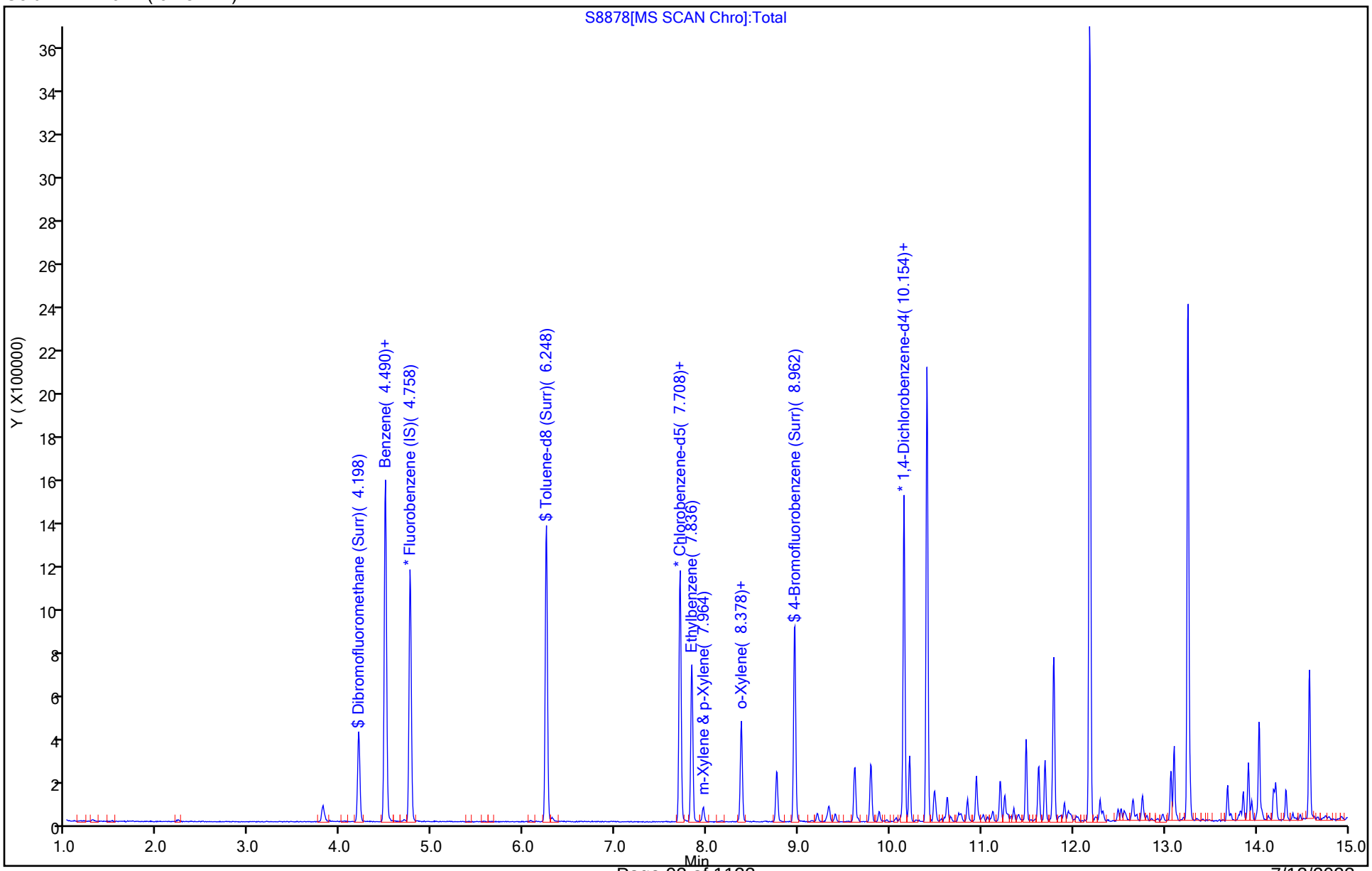
Report Date: 26-Jun-2023 11:37:12 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d

Injection Date:	24-Jun-2023 20:29:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	480-210122-E-8	Lab Sample ID:	480-210122-8	Worklist Smp#:	22
Client ID:	MW-48S-202306				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d
Lims ID: 480-210122-E-8
Client ID: MW-48S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 20:29:30 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-E-8
Misc. Info.: 480-0112432-022
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:36:33 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:37:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	26.0	104.15
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	24.5	98.17
$ 5 Toluene-d8 (Surr)	25.0	25.5	102.08
$ 6 4-Bromofluorobenzene (Surr)	25.0	25.8	103.21

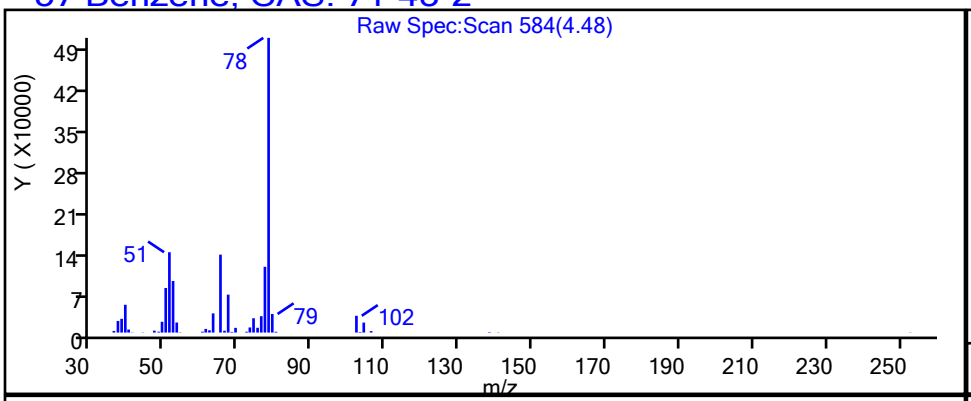
Report Date: 26-Jun-2023 11:37:12 Chrom Revision: 2.3 05-Jun-2023 19:02:10

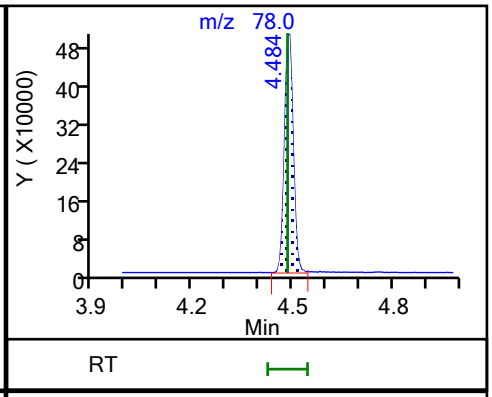
Eurofins Buffalo

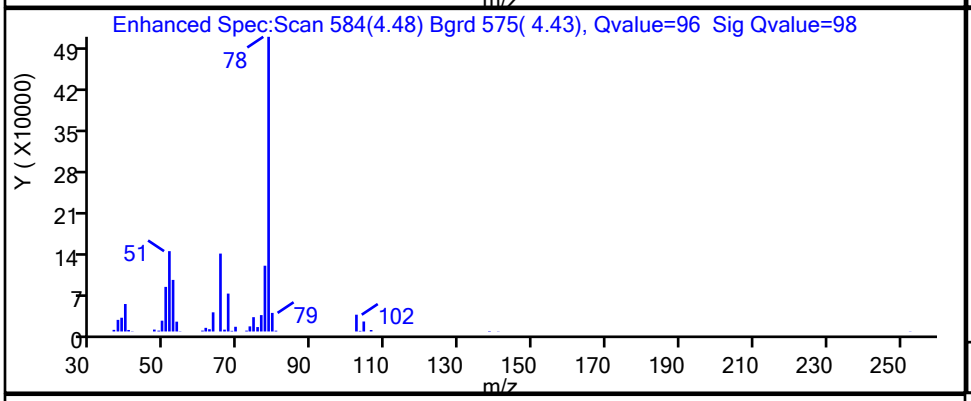
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d

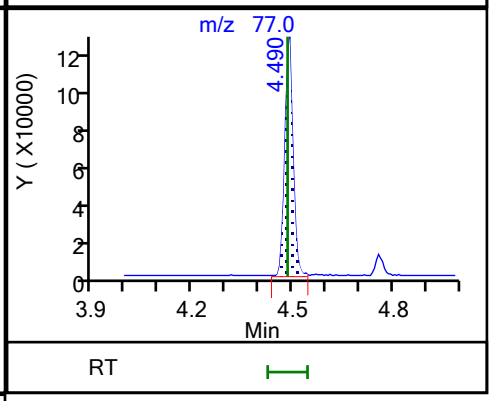
Injection Date:	24-Jun-2023 20:29:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-8	Lab Sample ID:	480-210122-8		
Client ID:	MW-48S-202306				
Operator ID:	AK	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

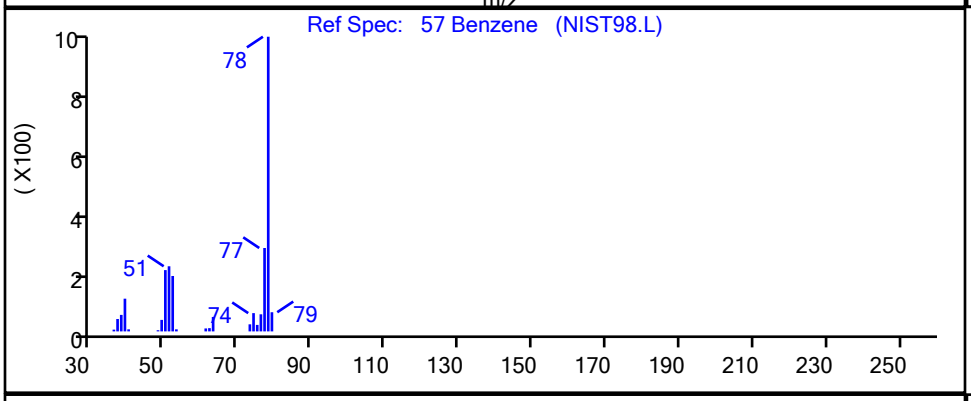
57 Benzene, CAS: 71-43-2

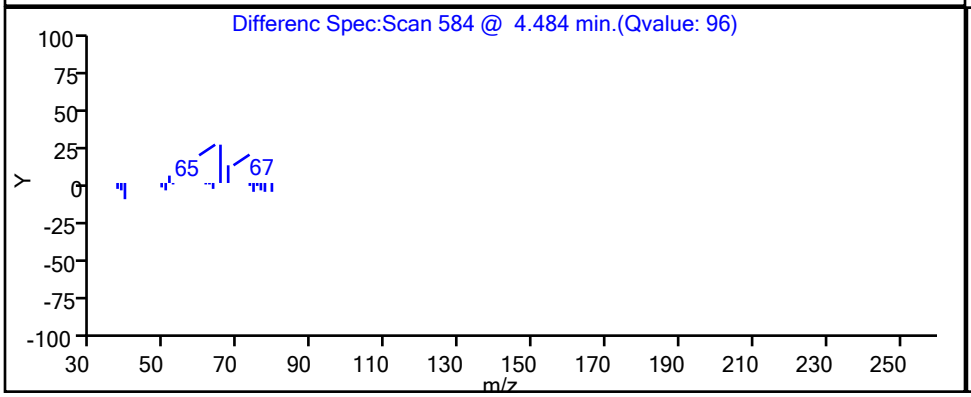


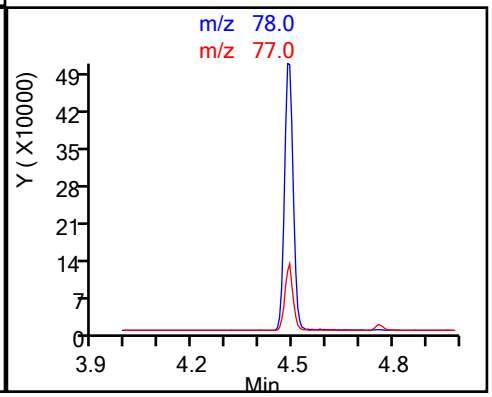








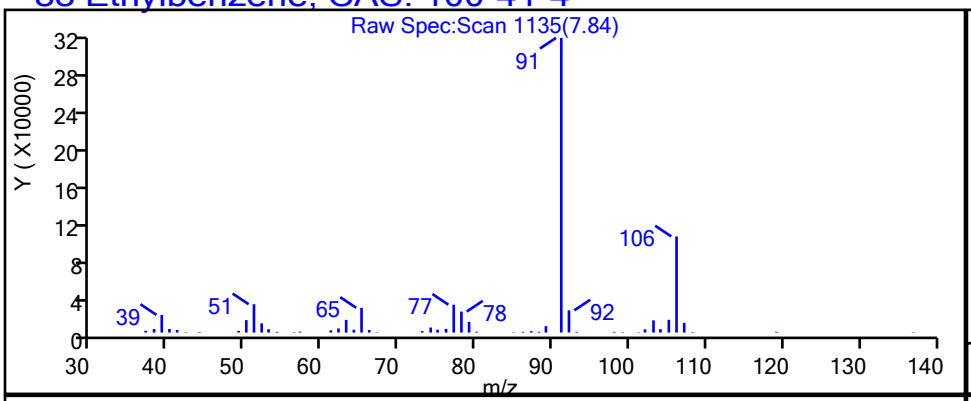


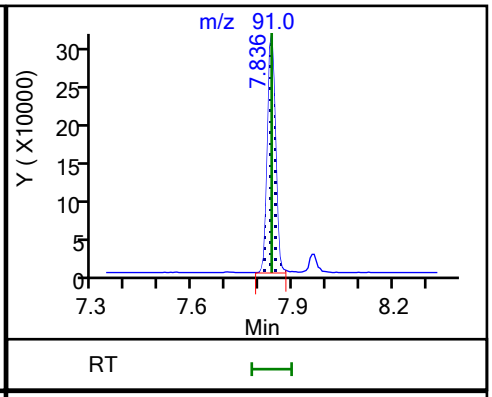


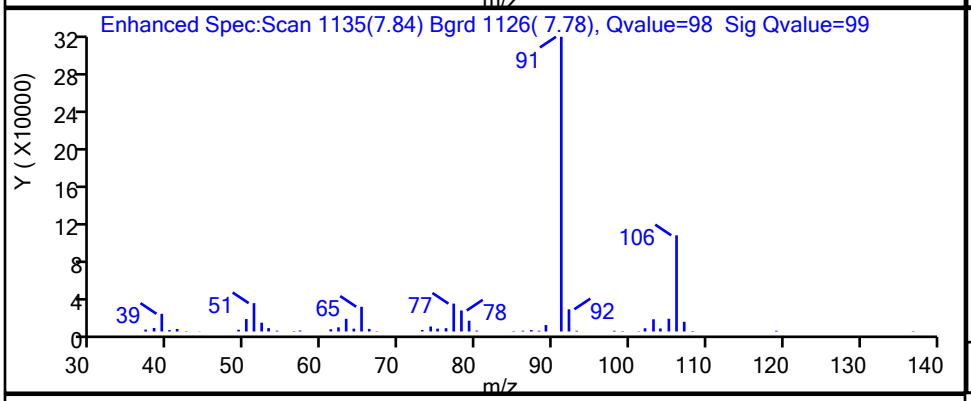
Eurofins Buffalo

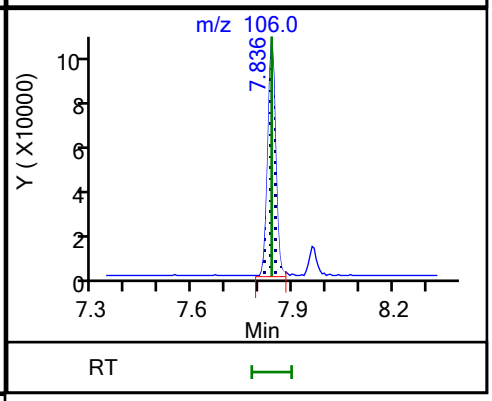
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d
Injection Date: 24-Jun-2023 20:29:30 Instrument ID: HP5973S
Lims ID: 480-210122-E-8 Lab Sample ID: 480-210122-8
Client ID: MW-48S-202306
Operator ID: AK ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

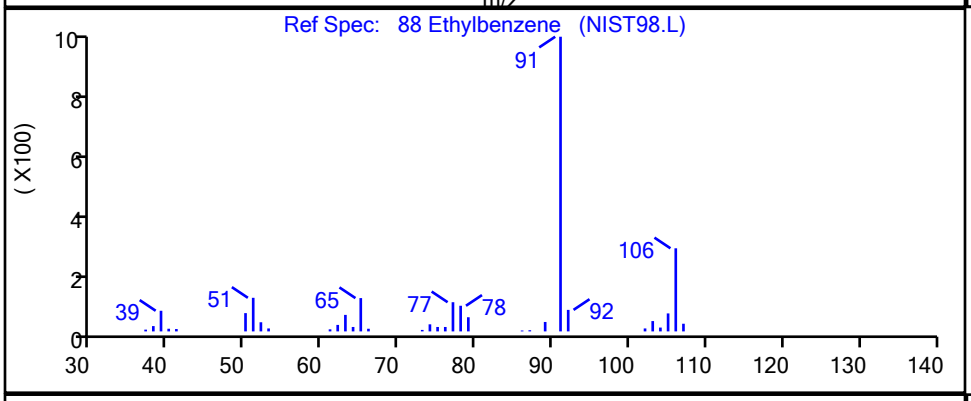
88 Ethylbenzene, CAS: 100-41-4

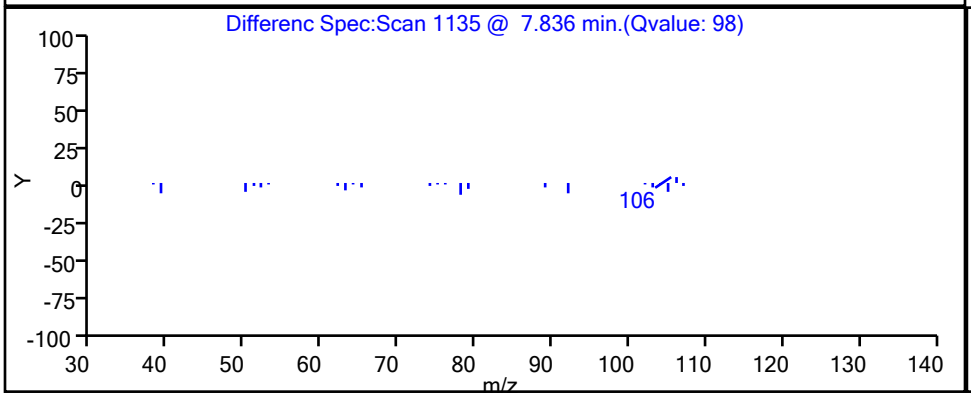


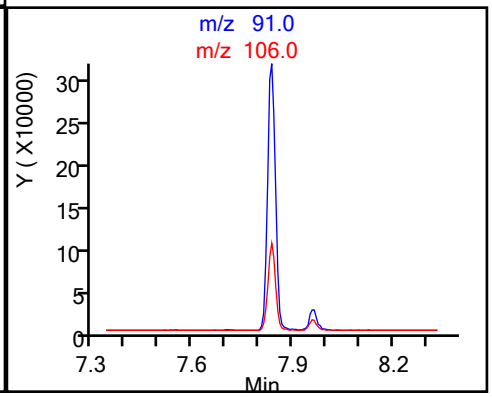












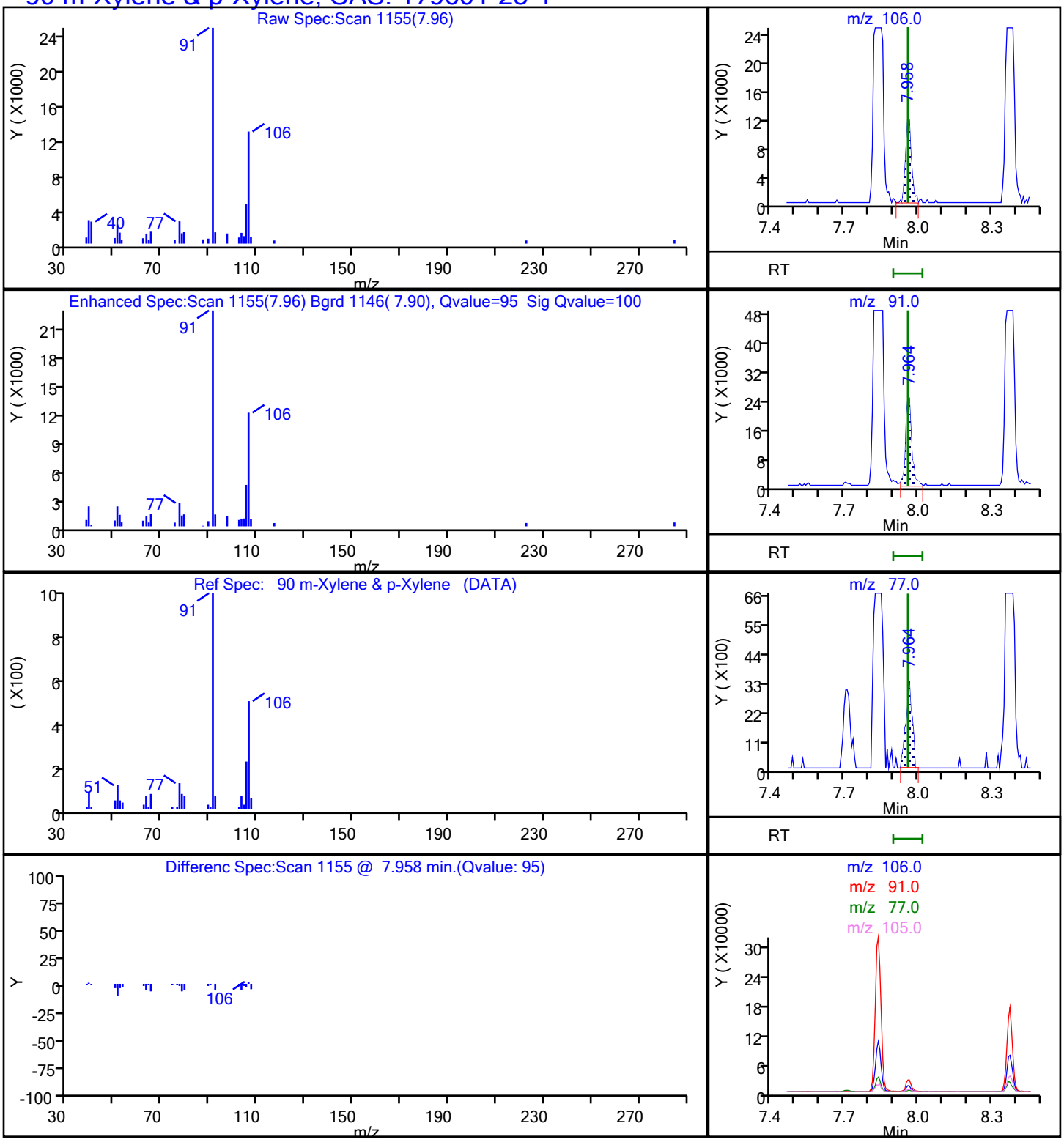
Report Date: 26-Jun-2023 11:37:12 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d

Injection Date:	24-Jun-2023 20:29:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-8	Lab Sample ID:	480-210122-8		
Client ID:	MW-48S-202306				
Operator ID:	AK	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

90 m-Xylene & p-Xylene, CAS: 179601-23-1



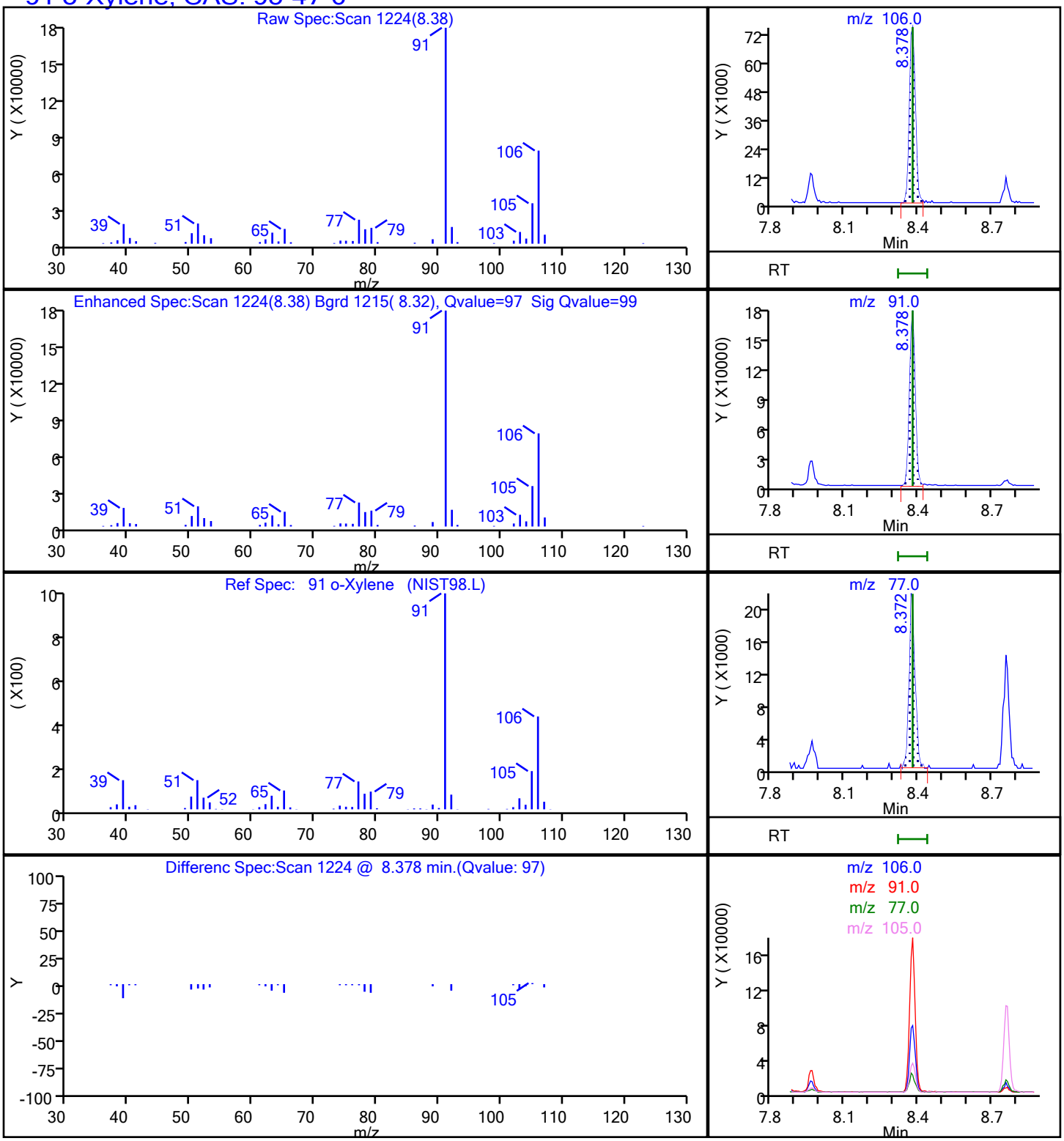
Report Date: 26-Jun-2023 11:37:12 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8878.d

Injection Date:	24-Jun-2023 20:29:30	Instrument ID:	HP5973S		
Lims ID:	480-210122-E-8	Lab Sample ID:	480-210122-8		
Client ID:	MW-48S-202306				
Operator ID:	AK	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

91 o-Xylene, CAS: 95-47-6



7/12/2023
10:47 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: DUP-1 | Lab Sample ID: 480-210122-9

Matrix: Water | Lab File ID: L6674.D

Analysis Method: 8260C | Date Collected: 06/19/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 02:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6674.D
Lims ID: 480-210122-D-9
Client ID: DUP-1
Sample Type: Client
Inject. Date: 24-Jun-2023 02:46:23 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-9
Misc. Info.: 480-0112428-017
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:43:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
*	1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	137553	25.0	
*	2 Chlorobenzene-d5	117	8.666	8.663	0.003	87	590428	25.0	
*	3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	316722	25.0	
$	4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	92	209780	24.3	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.528	5.525	0.003	99	266687	27.4	
$	6 Toluene-d8 (Surr)	98	7.203	7.200	0.003	94	783678	24.0	
$	7 4-Bromofluorobenzene (Surr)	174	9.904	9.908	-0.004	98	227126	24.2	
	70 Benzene	78	5.544	5.538	0.006	94	12138	0.3794	
	88 Toluene	92		7.268				ND	
	104 Ethylbenzene	91		8.763				ND	
	106 m-Xylene & p-Xylene	106		8.879				ND	
	107 o-Xylene	106		9.310				ND	
S	143 Xylenes, Total	1		30.000				ND	7
S	142 Total BTEX	1				0		0.3794	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

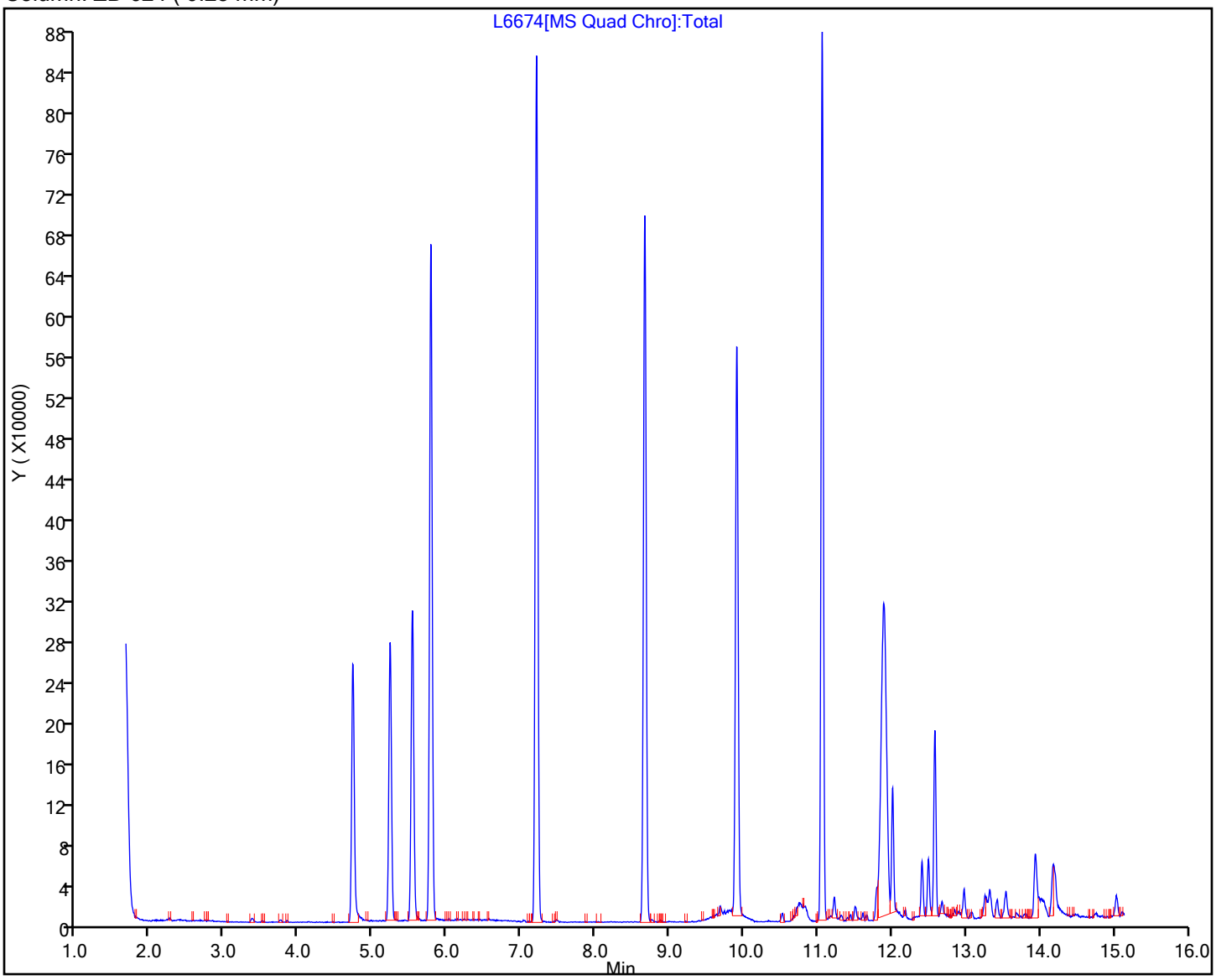
Report Date: 24-Jun-2023 12:43:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6674.D

Injection Date:	24-Jun-2023 02:46:23	Instrument ID:	HP5977L		
Lims ID:	480-210122-D-9	Lab Sample ID:	480-210122-9		
Client ID:	DUP-1				
Operator ID:	AK	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6674.D
Lims ID: 480-210122-D-9
Client ID: DUP-1
Sample Type: Client
Inject. Date: 24-Jun-2023 02:46:23 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-D-9
Misc. Info.: 480-0112428-017
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:43:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.3	97.07
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.4	109.55
$ 6 Toluene-d8 (Surr)	25.0	24.0	95.92
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.2	96.92

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 480-210122-10

Matrix: Water | Lab File ID: L6675.D

Analysis Method: 8260C | Date Collected: 06/19/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6675.D
Lims ID: 480-210122-A-10
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 24-Jun-2023 03:10:02 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-A-10
Misc. Info.: 480-0112428-018
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:43:45

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
*	1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	137385	25.0	
*	2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	580255	25.0	
*	3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	306874	25.0	
$	4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	93	213144	24.7	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	270988	27.9	
$	6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	94	804549	25.0	
$	7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	97	237906	25.8	
	70 Benzene	78		5.538				ND	
	88 Toluene	92		7.268				ND	
	104 Ethylbenzene	91		8.763				ND	
	106 m-Xylene & p-Xylene	106		8.879				ND	
	107 o-Xylene	106		9.310				ND	
S	143 Xylenes, Total	1		30.000				ND	7
S	142 Total BTEX	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

L_8260_SURR_00045	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 24-Jun-2023 12:43:45 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6675.D

Injection Date: 24-Jun-2023 03:10:02 Instrument ID: HP5977L

Lims ID: 480-210122-A-10 Lab Sample ID: 480-210122-10

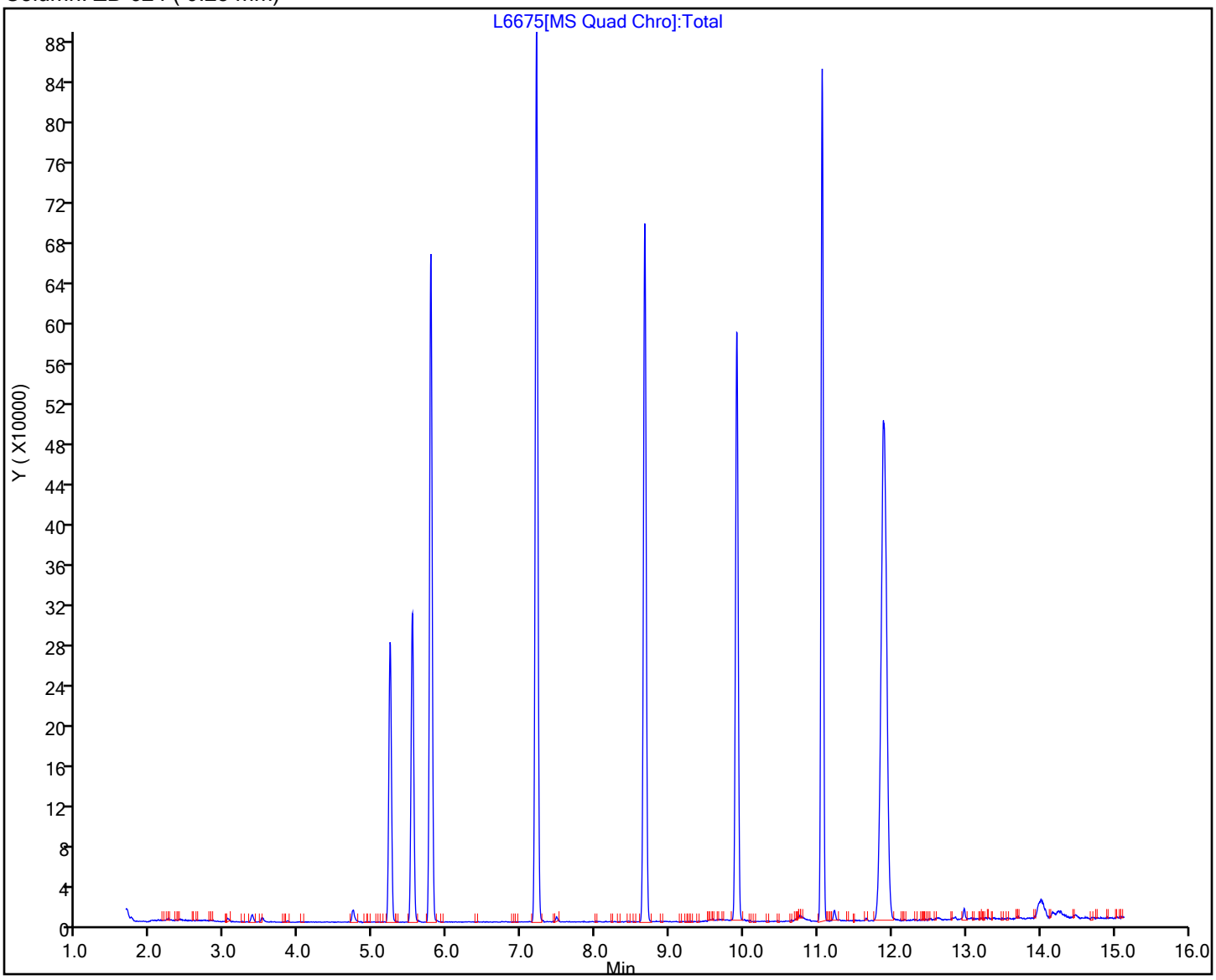
Client ID: TRIP BLANK

Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6675.D
Lims ID: 480-210122-A-10
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 24-Jun-2023 03:10:02 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-210122-A-10
Misc. Info.: 480-0112428-018
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:43:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.7	98.75
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.9	111.46
$ 6 Toluene-d8 (Surr)	25.0	25.0	100.20
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.8	103.30

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-673579/13	S8659.d
Level 2	IC 480-673579/14	S8660.d
Level 3	IC 480-673579/15	S8661.d
Level 4	IC 480-673579/16	S8662.d
Level 5	IC 480-673579/17	S8663.d
Level 6	ICIS 480-673579/18	S8664.d
Level 7	IC 480-673579/19	S8665.d
Level 8	IC 480-673579/20	S8666.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 1.2011	1.3171 1.2924	1.4792 1.2952	1.4390	1.2700	Ave		1.3277			0.1000	7.3		20.0			
Chloromethane	+++++ 1.4347	1.6044 1.4078	1.5003 1.3800	1.5795	1.4832	Ave		1.4843			0.1000	5.7		20.0			
Vinyl chloride	1.2891 1.2920	1.3222 1.3056	1.3505 1.3385	1.4723	1.3397	Ave		1.3387			0.1000	4.4		20.0			
Butadiene	1.4269 1.2455	1.2714 1.3306	1.3083 1.3436	1.4693	1.3236	Ave		1.3399				5.6		20.0			
Bromomethane	+++++ 0.7901	0.7280 0.7653	0.7796 0.7920	0.7798	0.7988	Ave		0.7762			0.1000	3.1		20.0			
Chloroethane	+++++ 0.7973	0.8328 0.7827	0.8550 0.7903	0.8160	0.8096	Ave		0.8120			0.1000	3.1		20.0			
Trichlorofluoromethane	1.5231 1.5130	1.4156 1.6229	1.5667 1.6877	1.8628	1.5612	Ave		1.5941			0.1000	8.5		20.0			
Dichlorofluoromethane	1.7044 1.7433	1.6651 1.7157	1.6420 1.7317	1.7820	1.6935	Ave		1.7097				2.6		20.0			
Ethyl ether	1.0859 1.1487	1.1142 1.0774	1.0953 1.0610	1.0825	1.0385	Ave		1.0879				3.1		20.0			
Acrolein	+++++ 0.0732	0.0844 0.0717	0.0743 0.0701	0.0772	0.0710	Ave		0.0746				6.6		20.0			
1,1-Dichloroethene	0.6999 0.8661	0.6704 0.9046	0.7315 0.8920	0.9007	0.8307	Ave		0.8120			0.1000	11.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.9718	0.8023 1.0184	0.7117 0.9963	0.9842	0.8985	Ave		0.9119			0.1000	12.6		20.0			
Acetone	+++++ 0.3898	0.4491 0.3846	0.4029 0.3642	0.3822	0.3592	Ave		0.3903			0.1000	7.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	+++++ 1.6370	1.5705 1.6211	1.5014 1.5746	1.5961	1.5939	Ave		1.5849				2.8		20.0			
Carbon disulfide	2.7052 3.2395	2.8849 3.4106	2.7486 3.3248	3.3034	3.2348	Ave		3.1065			0.1000	9.0		20.0			
Allyl chloride	1.9729 2.0530	1.8145 2.0411	1.8411 1.9848	2.0143	1.8818	Ave		1.9505				4.7		20.0			
Methyl acetate	1.2382 1.1859	1.1513 1.1927	1.2747 1.1648	1.1682	1.1344	Ave		1.1888			0.1000	3.9		20.0			
Methylene Chloride	1.8398 1.1758	1.3001 1.1382	1.2937 1.1068	1.1994	1.1237	Lin1	0.3170	1.1189			0.1000	6.3			0.9990		0.9900
2-Methyl-2-propanol	+++++ 0.0927	0.1074 0.1027	0.0983 0.1028	0.0964	0.0944	Ave		0.0992				5.3		20.0			
Methyl tert-butyl ether	3.6485 3.7725	3.3139 3.6597	3.6427 3.6272	3.5299	3.4770	Ave		3.5839			0.1000	3.9		20.0			
trans-1,2-Dichloroethene	+++++ 1.1395	0.9724 1.1311	1.0060 1.1069	1.0930	1.1045	Ave		1.0791			0.1000	5.9		20.0			
Acrylonitrile	0.6155 0.5881	0.5483 0.5755	0.5705 0.5727	0.5722	0.5408	Ave		0.5729				4.0		20.0			
Hexane	1.5282 1.6765	1.4287 1.8028	1.4800 1.7818	1.7013	1.6836	Ave		1.6354				8.5		20.0			
1,1-Dichloroethane	+++++ 2.0985	1.9034 2.0458	1.8448 2.0249	2.0376	1.9437	Ave		1.9855			0.2000	4.5		20.0			
Vinyl acetate	2.2571 2.3501	1.8711 2.5154	2.1037 2.6475	2.1176	2.1666	Ave		2.2536				11.0		20.0			
2,2-Dichloropropane	0.9576 1.0748	0.8634 1.0667	0.8805 1.0184	1.0288	1.0284	Ave		0.9898				8.2		20.0			
cis-1,2-Dichloroethene	1.1470 1.3007	1.1571 1.2369	1.0396 1.2055	1.2443	1.1984	Ave		1.1912			0.1000	6.6		20.0			
2-Butanone (MEK)	0.6749 0.6456	0.6089 0.6535	0.6287 0.6507	0.5962	0.6221	Ave		0.6351			0.1000	4.1		20.0			
Chlorobromomethane	0.6074 0.6171	0.6166 0.5906	0.5929 0.5961	0.5738	0.5885	Ave		0.5979				2.5		20.0			
Tetrahydrofuran	0.4771 0.4408	0.4814 0.4432	0.4299 0.4425	0.4214	0.4152	Ave		0.4439				5.4		20.0			
Chloroform	1.7812 1.9196	1.8792 1.9266	1.8039 1.9099	1.9467	1.8611	Ave		1.8785			0.2000	3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	1.1872 1.5497	1.1982 1.5734	1.2250 1.5885	1.4956	1.4667	Ave		1.4106			0.1000	12.5		20.0			
Cyclohexane	+++++ 2.1136	1.8002 2.2520	1.8821 2.2628	2.1242	2.0879	Ave		2.0747			0.1000	8.4		20.0			
Carbon tetrachloride	0.9689 1.2883	1.0147 1.3328	0.9795 1.3570	1.2402	1.1463	Ave		1.1660			0.1000	13.8		20.0			
1,1-Dichloropropene	+++++ 1.5147	1.4166 1.5575	1.3278 1.5890	1.4807	1.4436	Ave		1.4757				6.0		20.0			
Benzene	4.0324 4.7386	4.0348 4.7494	4.1683 4.7379	4.4890	4.5210	Ave		4.4339			0.5000	7.1		20.0			
Isobutyl alcohol	+++++ 0.0361	0.0469 0.0436	0.0352 0.0433	0.0321	0.0361	Ave		0.0390				14.1		20.0			
1,2-Dichloroethane	1.5461 1.5834	1.5331 1.5473	1.6231 1.5244	1.5294	1.5340	Ave		1.5526			0.1000	2.2		20.0			
n-Heptane	+++++ 1.5749	1.4266 1.6295	1.4819 1.6221	1.5371	1.5712	Ave		1.5490				4.8		20.0			
Trichloroethene	0.9523 1.1606	0.8949 1.1691	1.0129 1.1569	1.1183	1.0966	Ave		1.0702			0.2000	9.8		20.0			
Methylcyclohexane	1.6119 1.9393	1.4939 2.0145	1.6289 2.0254	1.8801	1.8285	Ave		1.8028			0.1000	11.1		20.0			
1,2-Dichloropropane	1.0411 1.1502	0.8879 1.1445	1.0997 1.1446	1.1192	1.1006	Ave		1.0860			0.1000	8.1		20.0			
Dibromomethane	+++++ 0.7385	0.5581 0.7156	0.6175 0.6985	0.6986	0.6736	Ave		0.6715			0.1000	9.4		20.0			
1,4-Dioxane	+++++ 0.0029	0.0057 0.0036	0.0048 0.0033	0.0031	0.0034	Lin1	0.0399	0.0033				14.2			0.9930		0.9900
Bromodichloromethane	1.2451 1.3969	1.2193 1.4177	1.1562 1.4253	1.3238	1.2442	Ave		1.3036			0.2000	7.8		20.0			
2-Chloroethyl vinyl ether	0.5415 0.7429	0.5099 0.8077	0.7114 0.7907	0.6328	0.7238	Ave		0.6826				16.2		20.0			
cis-1,3-Dichloropropene	1.4975 1.7596	1.5072 1.8286	1.6157 1.8733	1.5409	1.6777	Ave		1.6626			0.2000	8.8		20.0			
4-Methyl-2-pentanone (MIBK)	0.6606 0.7330	0.7024 0.7531	0.7173 0.7476	0.6787	0.7167	Ave		0.7137			0.1000	4.5		20.0			
Toluene	+++++ 1.5277	1.2681 1.5592	1.3699 1.5383	1.4919	1.5132	Ave		1.4669			0.4000	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	+++++ 0.8015	0.7652 0.8575	0.7204 0.8876	0.7144	0.7817	Ave		0.7897			0.1000	8.2		20.0			
Ethyl methacrylate	+++++ 0.7280	0.6326 0.7899	0.6107 0.8027	0.6348	0.6410	Ave		0.6914				11.7		20.0			
1,1,2-Trichloroethane	0.4010 0.4190	0.4328 0.4370	0.4396 0.4359	0.4137	0.4252	Ave		0.4255			0.1000	3.2		20.0			
Tetrachloroethene	0.4984 0.5787	0.5128 0.6160	0.4891 0.6184	0.5743	0.5925	Ave		0.5600			0.2000	9.4		20.0			
1,3-Dichloropropane	0.9412 0.9195	0.7867 0.9324	0.9062 0.9273	0.8755	0.8836	Ave		0.8966				5.6		20.0			
2-Hexanone	0.4354 0.4408	0.5048 0.4740	0.4236 0.4647	0.4085	0.4447	Ave		0.4496			0.1000	6.8		20.0			
Dibromochloromethane	0.5375 0.5055	0.4639 0.5348	0.4621 0.5493	0.4795	0.4856	Ave		0.5023			0.1000	6.9		20.0			
1,2-Dibromoethane	0.5284 0.5398	0.4057 0.5510	0.4688 0.5577	0.4710	0.5105	Ave		0.5041				10.3		20.0			
Chlorobenzene	1.6477 1.5881	1.3834 1.6280	1.4290 1.6196	1.5335	1.5406	Ave		1.5462			0.5000	6.2		20.0			
Ethylbenzene	+++++ 2.8058	2.3595 2.9043	2.3667 2.9266	2.5829	2.6018	Ave		2.6497			0.1000	8.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.5253	0.4960 0.5481	0.4414 0.5507	0.4751	0.4808	Ave		0.5025				8.1		20.0			
m-Xylene & p-Xylene	0.8924 1.0714	0.8848 1.1202	0.8894 1.1336	0.9862	1.0898	Ave		1.0085			0.1000	10.7		20.0			
o-Xylene	+++++ 1.1172	0.8963 1.1337	0.9261 1.1291	1.0995	1.0746	Ave		1.0538			0.3000	9.5		20.0			
Styrene	+++++ 1.7619	1.5161 1.8574	1.5406 1.8982	1.6959	1.7494	Ave		1.7171			0.3000	8.5		20.0			
Bromoform	0.3323 0.3120	0.3342 0.3423	0.2906 0.3587	0.2855	0.3031	Ave		0.3198			0.1000	8.1		20.0			
Isopropylbenzene	2.3884 3.0706	2.2529 3.1637	2.4924 3.1772	2.8278	2.8253	Ave		2.7748			0.1000	13.0		20.0			
Bromobenzene	+++++ 0.7367	0.6722 0.7465	0.6807 0.7352	0.6621	0.7079	Ave		0.7059				4.9		20.0			
1,1,2,2-Tetrachloroethane	0.7358 0.7907	0.6846 0.7881	0.7432 0.7764	0.7295	0.7450	Ave		0.7492			0.3000	4.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	+++++ 3.4684	2.8178 3.6380	2.8098 3.6396	3.2644	3.2827	Ave		3.2744				10.6		20.0			
1,2,3-Trichloropropane	+++++ 0.2523	0.2433 0.2484	0.2202 0.2416	0.2372	0.2409	Ave		0.2405				4.3		20.0			
trans-1,4-Dichloro-2-butene	0.1873 0.2148	0.1953 0.2430	0.1969 0.2434	0.2006	0.2196	Ave		0.2126				10.1		20.0			
2-Chlorotoluene	0.5903 0.6849	0.5333 0.7060	0.5804 0.7039	0.7023	0.6839	Ave		0.6481				10.6		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6140	1.9520 2.6777	2.1951 2.6948	2.3101	2.4432	Ave		2.4124				11.5		20.0			
4-Chlorotoluene	0.6639 0.7085	0.5933 0.7218	0.5350 0.7241	0.6242	0.7030	Ave		0.6592				10.5		20.0			
tert-Butylbenzene	+++++ 0.5540	0.4282 0.5833	0.4916 0.5823	0.4877	0.5124	Ave		0.5199				10.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6880	2.2505 2.7583	2.1945 2.7533	2.5333	2.4555	Ave		2.5191				9.2		20.0			
sec-Butylbenzene	+++++ 3.1224	2.5468 3.3007	2.6480 3.3899	2.9169	2.8802	Ave		2.9721				10.7		20.0			
1,3-Dichlorobenzene	1.3237 1.4264	1.2466 1.4441	1.2285 1.4333	1.3614	1.3350	Ave		1.3499			0.6000	6.1		20.0			
4-Isopropyltoluene	2.1960 2.7489	2.1423 2.9201	2.2217 2.9655	2.5458	2.5815	Ave		2.5402				12.9		20.0			
1,4-Dichlorobenzene	1.4267 1.4220	1.3063 1.4675	1.3306 1.4686	1.3968	1.3779	Ave		1.3995			0.5000	4.2		20.0			
n-Butylbenzene	+++++ 2.2933	1.8170 2.4343	1.8457 2.4549	2.1874	2.1840	Ave		2.1738				11.8		20.0			
1,2-Dichlorobenzene	1.2727 1.4362	1.3074 1.4208	1.3351 1.4285	1.3917	1.3456	Ave		1.3673			0.4000	4.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1411	0.1311 0.1427	0.1375 0.1472	0.1400	0.1251	Ave		0.1378			0.0500	5.4		20.0			
1,2,4-Trichlorobenzene	0.9010 0.9326	0.8246 0.9635	0.8227 0.9617	0.8593	0.8502	Ave		0.8894			0.2000	6.6		20.0			
Hexachlorobutadiene	+++++ 0.3579	0.3095 0.3954	0.3283 0.3996	0.3383	0.3784	Ave		0.3582				9.6		20.0			
Naphthalene	2.3824 2.8675	2.4176 3.0741	2.3164 3.1218	2.5074	2.5662	Ave		2.6567				12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	+++++ 0.9068	0.8837 0.9373	0.8555 0.9480	0.8085	0.8269	Ave		0.8810				6.1		20.0			
Dibromofluoromethane (Surr)	1.1155 1.1398	1.0923 1.1217	1.1387 1.1140	1.1507	1.1008	Ave		1.1217				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.7909 0.7848	0.7798 0.7573	0.8002 0.7473	0.7468	0.7873	Ave		0.7743				2.7		20.0			
Toluene-d8 (Surr)	2.3394 2.3055	2.3350 2.3341	2.4092 2.3338	2.3514	2.3721	Ave		2.3476				1.3		20.0			
4-Bromofluorobenzene (Surr)	0.6899 0.6758	0.6958 0.6920	0.6895 0.7103	0.6755	0.7193	Ave		0.6935				2.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-673579/13	S8659.d
Level 2	IC 480-673579/14	S8660.d
Level 3	IC 480-673579/15	S8661.d
Level 4	IC 480-673579/16	S8662.d
Level 5	IC 480-673579/17	S8663.d
Level 6	ICIS 480-673579/18	S8664.d
Level 7	IC 480-673579/19	S8665.d
Level 8	IC 480-673579/20	S8666.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
Dichlorodifluoromethane	FB	Ave	+++++	11472	25043	61653	111163	+++++	1.00	2.00	5.00	10.0
			258447	579352	1183813			25.0	50.0	100		
Chloromethane	FB	Ave	+++++	13975	25399	67674	129822	+++++	1.00	2.00	5.00	10.0
			308732	631105	1261271			25.0	50.0	100		
Vinyl chloride	FB	Ave	5588	11517	22863	63078	117257	0.500	1.00	2.00	5.00	10.0
			278008	585268	1223420			25.0	50.0	100		
Butadiene	FB	Ave	6185	11074	22149	62950	115852	0.500	1.00	2.00	5.00	10.0
			268017	596475	1228085			25.0	50.0	100		
Bromomethane	FB	Ave	+++++	6341	13199	33409	69920	+++++	1.00	2.00	5.00	10.0
			170018	343066	723922			25.0	50.0	100		
Chloroethane	FB	Ave	+++++	7254	14475	34961	70862	+++++	1.00	2.00	5.00	10.0
			171573	350887	722338			25.0	50.0	100		
Trichlorofluoromethane	FB	Ave	6602	12330	26524	79812	136646	0.500	1.00	2.00	5.00	10.0
			325565	727533	1542513			25.0	50.0	100		
Dichlorofluoromethane	FB	Ave	7388	14503	27799	76349	148225	0.500	1.00	2.00	5.00	10.0
			375125	769122	1582751			25.0	50.0	100		
Ethyl ether	FB	Ave	4707	9705	18544	46378	90894	0.500	1.00	2.00	5.00	10.0
			247187	482978	969755			25.0	50.0	100		
Acrolein	FB	Ave	+++++	3676	6289	16538	31069	+++++	5.00	10.0	25.0	50.0
			78753	160749	320432			125	250	500		
1,1-Dichloroethene	FB	Ave	3034	5839	12384	38589	72707	0.500	1.00	2.00	5.00	10.0
			186364	405529	815313			25.0	50.0	100		
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++	6988	12049	42166	78647	+++++	1.00	2.00	5.00	10.0
			209116	456521	910585			25.0	50.0	100		
Acetone	FB	Ave	+++++	19559	34105	81868	157200	+++++	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			419429	861940	1664230			125	250	500		
Iodomethane	FB	Ave	+++++ 352244	13679 726709	25419 1439127	68383	139511	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	11726 697092	25128 1528900	46534 3038852	141533	283133	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Allyl chloride	FB	Ave	8552 441773	15805 914984	31170 1814130	86302	164706	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	10734 510352	20056 1069366	43162 2129244	100103	198583	1.00 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	7975 253016	11324 510247	21902 1011652	51387	98359	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	+++++ 199436	9353 460367	16636 939892	41320	82624	+++++ 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	15815 811778	28865 1640582	61671 3315227	151237	304332	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 245200	8470 507073	17032 1011657	46830	96677	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	26678 1265512	47757 2579875	96577 5234062	245169	473338	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	6624 360761	12444 808147	25057 1628575	72892	147359	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	+++++ 451554	16579 917100	31233 1850765	87300	170131	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	19567 1011386	32596 2255243	71232 4839525	181453	379278	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	4151 231281	7520 478174	14907 930767	44076	90015	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	4972 279894	10079 554478	17600 1101787	53310	104896	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	14627 694582	26517 1464867	53216 2973704	127714	272271	2.50 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	2633 132790	5371 264747	10038 544835	24583	51507	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	4136 189700	8386 397371	14555 808822	36105	72684	1.00 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	7721	16368	30540	83406	162901	0.500	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			413074	863642	1745625			25.0	50.0	100		
1,1,1-Trichloroethane	FB	Ave	5146 333473	10437 705349	20739 1451896	64078	128379	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	+++++ 454806	15680 1009524	31863 2068186	91008	182745	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	4200 277215	8838 597463	16583 1240305	53135	100336	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	+++++ 325938	12339 698206	22479 1452319	63438	126354	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Benzene	FB	Ave	17479 1019657	35144 2129089	70569 4330390	192327	395713	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	+++++ 194012	10207 488689	14889 989467	34337	79027	+++++ 625	25.0 1250	50.0 2500	125	250
1,2-Dichloroethane	FB	Ave	6702 340726	13354 693614	27479 1393260	65524	134263	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	+++++ 338895	12426 730493	25089 1482563	65854	137524	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	4128 249747	7795 524090	17148 1057386	47914	95981	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	6987 417310	13012 903057	27577 1851159	80553	160047	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	4513 247510	7734 513056	18618 1046175	47951	96331	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	+++++ 158916	4861 320771	10454 638392	29929	58956	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZ d5	Lin1	+++++ 23948	1868 62125	3105 117334	4948	11087	+++++ 500	20.0 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	5397 300583	10620 635550	19575 1302729	56718	108903	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2347 159861	4441 362091	12044 722691	27113	63349	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	6491 378639	13128 819721	27354 1712194	66018	146844	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	26637	57620	114866	269339	584421	2.50	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			1504174	3215615	6553240			125	250	500		
Toluene	CBNZ d5	Ave	+++++	20804	43876	118407	246795	+++++	1.00	2.00	5.00	10.0
			626959	1331534	2696903			25.0	50.0	100		
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++	12554	23075	56697	127487	+++++	1.00	2.00	5.00	10.0
			328923	732262	1556082			25.0	50.0	100		
Ethyl methacrylate	CBNZ d5	Ave	+++++	10378	19559	50383	104535	+++++	1.00	2.00	5.00	10.0
			298751	674610	1407233			25.0	50.0	100		
1,1,2-Trichloroethane	CBNZ d5	Ave	3234	7100	14079	32834	69354	0.500	1.00	2.00	5.00	10.0
			171949	373170	764103			25.0	50.0	100		
Tetrachloroethene	CBNZ d5	Ave	4019	8413	15667	45578	96634	0.500	1.00	2.00	5.00	10.0
			237491	526040	1084042			25.0	50.0	100		
1,3-Dichloropropane	CBNZ d5	Ave	7590	12907	29025	69489	144109	0.500	1.00	2.00	5.00	10.0
			377364	796300	1625586			25.0	50.0	100		
2-Hexanone	CBNZ d5	Ave	17556	41406	67838	162115	362650	2.50	5.00	10.0	25.0	50.0
			904606	2024091	4073710			125	250	500		
Dibromochloromethane	CBNZ d5	Ave	4335	7611	14800	38058	79197	0.500	1.00	2.00	5.00	10.0
			207454	456689	963041			25.0	50.0	100		
1,2-Dibromoethane	CBNZ d5	Ave	4261	6655	15016	37381	83264	0.500	1.00	2.00	5.00	10.0
			221545	470515	977755			25.0	50.0	100		
Chlorobenzene	CBNZ d5	Ave	13288	22695	45770	121709	251257	0.500	1.00	2.00	5.00	10.0
			651740	1390341	2839379			25.0	50.0	100		
Ethylbenzene	CBNZ d5	Ave	+++++	38709	75804	205004	424327	+++++	1.00	2.00	5.00	10.0
			1151494	2480260	5130656			25.0	50.0	100		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++	8137	14137	37708	78417	+++++	1.00	2.00	5.00	10.0

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			215573	468102	965438			25.0	50.0	100		
m-Xylene & p-Xylene	CBNZ d5	Ave	7197	14515	28486	78270	177740	0.500	1.00	2.00	5.00	10.0
			439692	956621	1987390			25.0	50.0	100		
o-Xylene	CBNZ d5	Ave	+++++	14704	29663	87269	175263	+++++	1.00	2.00	5.00	10.0
			458485	968150	1979411			25.0	50.0	100		
Styrene	CBNZ d5	Ave	+++++	24872	49343	134604	285318	+++++	1.00	2.00	5.00	10.0
			723091	1586231	3327691			25.0	50.0	100		
Bromoform	CBNZ d5	Ave	2680	5483	9307	22662	49427	0.500	1.00	2.00	5.00	10.0
			128058	292301	628903			25.0	50.0	100		
Isopropylbenzene	DCBd 4	Ave	17888	36180	74891	208890	441450	0.500	1.00	2.00	5.00	10.0
			1169040	2507091	5260442			25.0	50.0	100		
Bromobenzene	DCBd 4	Ave	+++++	10795	20454	48909	110607	+++++	1.00	2.00	5.00	10.0
			280463	591603	1217324			25.0	50.0	100		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5511	10994	22330	53890	116408	0.500	1.00	2.00	5.00	10.0
			301037	624539	1285456			25.0	50.0	100		
N-Propylbenzene	DCBd 4	Ave	+++++	45252	84429	241149	512915	+++++	1.00	2.00	5.00	10.0
			1320516	2882938	6025985			25.0	50.0	100		
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	3907	6616	17520	37643	+++++	1.00	2.00	5.00	10.0
			96047	196828	399933			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1403	3137	5915	14817	34311	0.500	1.00	2.00	5.00	10.0
			81798	192560	403074			25.0	50.0	100		
2-Chlorotoluene	DCBd 4	Ave	4421	8564	17439	51882	106852	0.500	1.00	2.00	5.00	10.0
			260750	559441	1165453			25.0	50.0	100		
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++	31347	65957	170648	381751	+++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			995229	2121972	4461768			25.0	50.0	100		
4-Chlorotoluene	DCBd 4	Ave	4972 269734	9528 571984	16077 1198907	46108	109840	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 210921	6876 462203	14770 964139	36030	80063	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1023384	36141 2185804	65941 4558586	187140	383671	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1188789	40900 2615628	79566 5612606	215473	450022	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	9914 543075	20020 1144426	36915 2373080	100569	208586	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd 4	Ave	16447 1046572	34403 2314089	66758 4909874	188065	403361	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	10685 541398	20978 1162963	39980 2431519	103181	215297	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd 4	Ave	+++++ 873104	29180 1929052	55460 4064456	161584	341245	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	9532 546790	20995 1125887	40118 2365144	102810	210251	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 53725	2105 113086	4131 243695	10342	19544	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	6748 355050	13243 763569	24721 1592271	63475	132837	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd 4	Ave	+++++	4971	9866	24988	59120	+++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

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
			136268	313339	661626			25.0	50.0	100		
Naphthalene	DCBd 4	Ave	17843	38824	69603	185222	400961	0.500	1.00	2.00	5.00	10.0
			1091738	2436073	5168705			25.0	50.0	100		
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++	14191	25707	59723	129208	+++++	1.00	2.00	5.00	10.0
			345260	742781	1569629			25.0	50.0	100		
Dibromofluoromethane (Surr)	FB	Ave	241766	237865	240981	246507	240866	25.0	25.0	25.0	25.0	25.0
			245256	251414	254555			25.0	25.0	25.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	171423	169807	169336	159985	172266	25.0	25.0	25.0	25.0	25.0
			168873	169740	170765			25.0	25.0	25.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	943321	957664	964569	933118	967164	25.0	25.0	25.0	25.0	25.0
			946166	996648	1022872			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	278208	285395	276065	268087	293295	25.0	25.0	25.0	25.0	25.0
			277350	295463	311303			25.0	25.0	25.0		

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-673579/13	S8659.d
Level 2	IC 480-673579/14	S8660.d
Level 3	IC 480-673579/15	S8661.d
Level 4	IC 480-673579/16	S8662.d
Level 5	IC 480-673579/17	S8663.d
Level 6	ICIS 480-673579/18	S8664.d
Level 7	IC 480-673579/19	S8665.d
Level 8	IC 480-673579/20	S8666.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++	-0.8						30				
Chloromethane	+++++	8.1						30				
Vinyl chloride	-3.7						30					
Butadiene	6.5						30					
Bromomethane	+++++	-6.2						30				
Chloroethane	+++++	2.6						30				
Trichlorofluoromethane	-4.5						30					
Dichlorofluoromethane	-0.3						30					
Ethyl ether	-0.2						30					
Acrolein	+++++	13.2						30				
1,1-Dichloroethene	-13.8						30					
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++	-12.0						30				
Acetone	+++++	15.1						30				
Iodomethane	+++++	-0.9						30				
Carbon disulfide	-12.9						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 673579

SDG No.:

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/19/2023 19:57 Calibration End Date: 06/19/2023 22:41 Calibration ID: 45017

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Allyl chloride	1.2						30					
Methyl acetate	4.2						30					
Methylene Chloride	7.8						30					
2-Methyl-2-propanol	+++++	8.2						30				
Methyl tert-butyl ether	1.8						30					
trans-1,2-Dichloroethene	+++++	-9.9						30				
Acrylonitrile	7.4						30					
Hexane	-6.6						30					
1,1-Dichloroethane	+++++	-4.1						30				
Vinyl acetate	0.2						30					
2,2-Dichloropropane	-3.3						30					
cis-1,2-Dichloroethene	-3.7						30					
2-Butanone (MEK)	6.3						30					
Chlorobromomethane	1.6						30					
Tetrahydrofuran	7.5						30					
Chloroform	-5.2						30					
1,1,1-Trichloroethane	-15.8						30					
Cyclohexane	+++++	-13.2						30				
Carbon tetrachloride	-16.9						30					
1,1-Dichloropropene	+++++	-4.0						30				
Benzene	-9.1						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Isobutyl alcohol	+++++	20.1						30				
1,2-Dichloroethane	-0.4						30					
n-Heptane	+++++	-7.9						30				
Trichloroethene	-11.0						30					
Methylcyclohexane	-10.6						30					
1,2-Dichloropropane	-4.1						30					
Dibromomethane	+++++	-16.9						30				
1,4-Dioxane	+++++	11.5						30				
Bromodichloromethane	-4.5						30					
2-Chloroethyl vinyl ether	-20.7						30					
cis-1,3-Dichloropropene	-9.9						30					
4-Methyl-2-pentanone (MIBK)	-7.4						30					
Toluene	+++++	-13.6						30				
trans-1,3-Dichloropropene	+++++	-3.1						30				
Ethyl methacrylate	+++++	-8.5						30				
1,1,2-Trichloroethane	-5.8						30					
Tetrachloroethene	-11.0						30					
1,3-Dichloropropane	5.0						30					
2-Hexanone	-3.2						30					
Dibromochloromethane	7.0						30					
1,2-Dibromoethane	4.8						30					

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	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chlorobenzene	6.6						30					
Ethylbenzene	+++++	-11.0						30				
1,1,1,2-Tetrachloroethane	+++++	-1.3						30				
m-Xylene & p-Xylene	-11.5						30					
o-Xylene	+++++	-14.9						30				
Styrene	+++++	-11.7						30				
Bromoform	3.9						30					
Isopropylbenzene	-13.9						30					
Bromobenzene	+++++	-4.8						30				
1,1,2,2-Tetrachloroethane	-1.8						30					
N-Propylbenzene	+++++	-13.9						30				
1,2,3-Trichloropropane	+++++	1.1						30				
trans-1,4-Dichloro-2-butene	-11.9						30					
2-Chlorotoluene	-8.9						30					
1,3,5-Trimethylbenzene	+++++	-19.1						30				
4-Chlorotoluene	0.7						30					
tert-Butylbenzene	+++++	-17.6						30				
1,2,4-Trimethylbenzene	+++++	-10.7						30				
sec-Butylbenzene	+++++	-14.3						30				
1,3-Dichlorobenzene	-1.9						30					
4-Isopropyltoluene	-13.6						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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SDG No.:

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ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	1.9						30					
n-Butylbenzene	+++++	-16.4						30				
1,2-Dichlorobenzene	-6.9						30					
1,2-Dibromo-3-Chloropropane	+++++	-4.9						30				
1,2,4-Trichlorobenzene	1.3						30					
Hexachlorobutadiene	+++++	-13.6						30				
Naphthalene	-10.3						30					
1,2,3-Trichlorobenzene	+++++	0.3						30				
Dibromofluoromethane (Surr)	-0.6						30					
1,2-Dichloroethane-d4 (Surr)	2.1						30					
Toluene-d8 (Surr)	-0.3						30					
4-Bromofluorobenzene (Surr)	-0.5						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Jun-2023 19:57:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0112326-013
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:15 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:02:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	99	216732	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	403230	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	96	374475	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	241766	25.0	24.9	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.496	4.490	0.006	91	171423	25.0	25.5	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	92	943321	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.956	0.006	89	278208	25.0	24.9	
10 Dichlorodifluoromethane	85	0.986	0.992	-0.006	43	4822	0.5000	0.4189	
12 Chloromethane	50	1.132	1.132	0.000	50	7735	0.5000	0.6011	
13 Vinyl chloride	62	1.193	1.193	0.000	35	5588	0.5000	0.4815	
151 Butadiene	54	1.223	1.217	0.006	64	6185	0.5000	0.5325	
14 Bromomethane	94	1.442	1.448	-0.006	35	3947	0.5000	0.5865	
15 Chloroethane	64	1.515	1.509	0.006	25	4126	0.5000	0.5861	M
17 Trichlorofluoromethane	101	1.692	1.686	0.006	31	6602	0.5000	0.4777	
16 Dichlorofluoromethane	67	1.686	1.692	-0.006	34	7388	0.5000	0.4985	M
18 Ethyl ether	59	1.917	1.911	0.006	77	4707	0.5000	0.4991	a
20 Acrolein	56	2.081	2.075	0.006	27	2038	2.50	3.15	Ma
22 1,1-Dichloroethene	96	2.112	2.105	0.007	31	3034	0.5000	0.4310	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.118	2.112	0.006	13	2786	0.5000	0.3524	
23 Acetone	43	2.227	2.215	0.012	75	11636	2.50	3.44	
25 Iodomethane	142	2.264	2.270	-0.006	52	5796	0.5000	0.4218	
26 Carbon disulfide	76	2.288	2.282	0.006	78	11726	0.5000	0.4354	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	52	8552	0.5000	0.5058	
27 Methyl acetate	43	2.501	2.495	0.006	92	10734	1.00	1.04	a
30 Methylene Chloride	84	2.580	2.580	0.000	76	7975	0.5000	0.5389	
31 2-Methyl-2-propanol	59	2.762	2.756	0.006	70	5702	5.00	6.63	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	68	15815	0.5000	0.5090	
34 trans-1,2-Dichloroethene	96	2.793	2.799	-0.006	46	3975	0.5000	0.4249	
33 Acrylonitrile	53	2.854	2.854	0.000	89	26678	5.00	5.37	
35 Hexane	57	2.994	2.981	0.013	51	6624	0.5000	0.4672	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	16	7460	0.5000	0.4334	
37 Vinyl acetate	43	3.267	3.255	0.012	87	19567	1.00	1.00	
44 2,2-Dichloropropane	77	3.699	3.693	0.006	4	4151	0.5000	0.4837	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	46	4972	0.5000	0.4815	
43 2-Butanone (MEK)	43	3.785	3.778	0.006	89	14627	2.50	2.66	
48 Chlorobromomethane	128	3.967	3.961	0.006	48	2633	0.5000	0.5080	
49 Tetrahydrofuran	42	3.979	3.973	0.006	77	4136	1.00	1.07	
50 Chloroform	83	4.046	4.046	0.000	41	7721	0.5000	0.4741	
52 Cyclohexane	56	4.137	4.137	0.000	51	6393	0.5000	0.3554	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	29	5146	0.5000	0.4208	
55 Carbon tetrachloride	117	4.271	4.271	0.000	73	4200	0.5000	0.4155	a
54 1,1-Dichloropropene	75	4.296	4.289	0.007	14	5627	0.5000	0.4398	a
57 Benzene	78	4.490	4.484	0.006	36	17479	0.5000	0.4547	
53 Isobutyl alcohol	43	4.563	4.551	0.012	24	5831	12.5	17.2	
58 1,2-Dichloroethane	62	4.575	4.557	0.018	9	6702	0.5000	0.4979	
59 n-Heptane	43	4.679	4.679	0.000	78	5523	0.5000	0.4113	
62 Trichloroethene	95	5.092	5.092	0.000	51	4128	0.5000	0.4449	
64 Methylcyclohexane	83	5.202	5.196	0.006	41	6987	0.5000	0.4471	
65 1,2-Dichloropropane	63	5.336	5.330	0.006	44	4513	0.5000	0.4794	
67 Dibromomethane	93	5.470	5.464	0.006	57	3638	0.5000	0.6250	
66 1,4-Dioxane	88	5.500	5.482	0.018	0	711	10.0	1.27	M
68 Dichlorobromomethane	83	5.622	5.622	0.000	13	5397	0.5000	0.4776	
69 2-Chloroethyl vinyl ether	63	5.926	5.914	0.012	6	2347	0.5000	0.3966	Ma
72 cis-1,3-Dichloropropene	75	6.042	6.035	0.007	29	6491	0.5000	0.4504	
73 4-Methyl-2-pentanone (MIBK)	43	6.194	6.188	0.006	85	26637	2.50	2.31	
74 Toluene	92	6.309	6.309	0.000	71	10228	0.5000	0.4323	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	43	5083	0.5000	0.3990	
75 Ethyl methacrylate	69	6.674	6.662	0.012	42	4272	0.5000	0.3831	a
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	21	3234	0.5000	0.4712	
81 Tetrachloroethene	166	6.832	6.826	0.006	48	4019	0.5000	0.4449	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	54	7590	0.5000	0.5249	
80 2-Hexanone	43	7.033	7.027	0.006	90	17556	2.50	2.42	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	12	4335	0.5000	0.5351	
84 Ethylene Dibromide	107	7.264	7.258	0.006	29	4261	0.5000	0.5241	
87 Chlorobenzene	112	7.739	7.733	0.006	64	13288	0.5000	0.5328	
88 Ethylbenzene	91	7.836	7.836	0.000	72	18216	0.5000	0.4262	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	1	3412	0.5000	0.4210	
90 m-Xylene & p-Xylene	106	7.964	7.958	0.006	79	7197	0.5000	0.4425	
91 o-Xylene	106	8.378	8.378	0.000	72	6232	0.5000	0.3667	
92 Styrene	104	8.414	8.408	0.006	69	11216	0.5000	0.4050	M
95 Bromoform	173	8.645	8.645	0.000	7	2680	0.5000	0.5195	
94 Isopropylbenzene	105	8.761	8.761	0.000	67	17888	0.5000	0.4304	
101 Bromobenzene	156	9.095	9.102	-0.007	45	4441	0.5000	0.4200	
97 1,1,2,2-Tetrachloroethane	83	9.199	9.193	0.006	17	5511	0.5000	0.4911	
99 N-Propylbenzene	91	9.211	9.205	0.006	84	16670	0.5000	0.3399	
100 1,2,3-Trichloropropane	110	9.211	9.217	-0.006	21	2078	0.5000	0.5767	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	1	1403	0.5000	0.4405	Ma
103 2-Chlorotoluene	126	9.308	9.302	0.006	54	4421	0.5000	0.4554	
102 1,3,5-Trimethylbenzene	105	9.406	9.400	0.006	61	13640	0.5000	0.3775	
105 4-Chlorotoluene	126	9.424	9.424	0.000	52	4972	0.5000	0.5035	
106 tert-Butylbenzene	134	9.734	9.734	0.000	36	2624	0.5000	0.3369	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	26	14785	0.5000	0.3918	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	53	15683	0.5000	0.3523	
111 1,3-Dichlorobenzene	146	10.087	10.081	0.006	47	9914	0.5000	0.4903	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	63	16447	0.5000	0.4322	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	2	10685	0.5000	0.5097	a
115 n-Butylbenzene	91	10.507	10.507	0.000	68	11810	0.5000	0.3627	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	48	9532	0.5000	0.4654	
117 1,2-Dibromo-3-Chloropropane	75	11.298	11.292	0.006	1	864	0.5000	0.4186	Ma
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	34	6748	0.5000	0.5065	
120 Hexachlorobutadiene	225	12.095	12.089	0.006	1	2121	0.5000	0.3953	a
121 Naphthalene	128	12.186	12.180	0.006	72	17843	0.5000	0.4484	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	41	5419	0.5000	0.4107	a
S 125 1,2-Dichloroethene, Total	1				0			0.9064	
S 123 Total BTEX	1				0			2.12	
S 126 1,3-Dichloropropene, Total	1				0			0.8494	
S 124 Xylenes, Total	1				0			0.8091	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added:	0.50	Units: uL	
GAS CORP mix_00570	Amount Added:	0.50	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

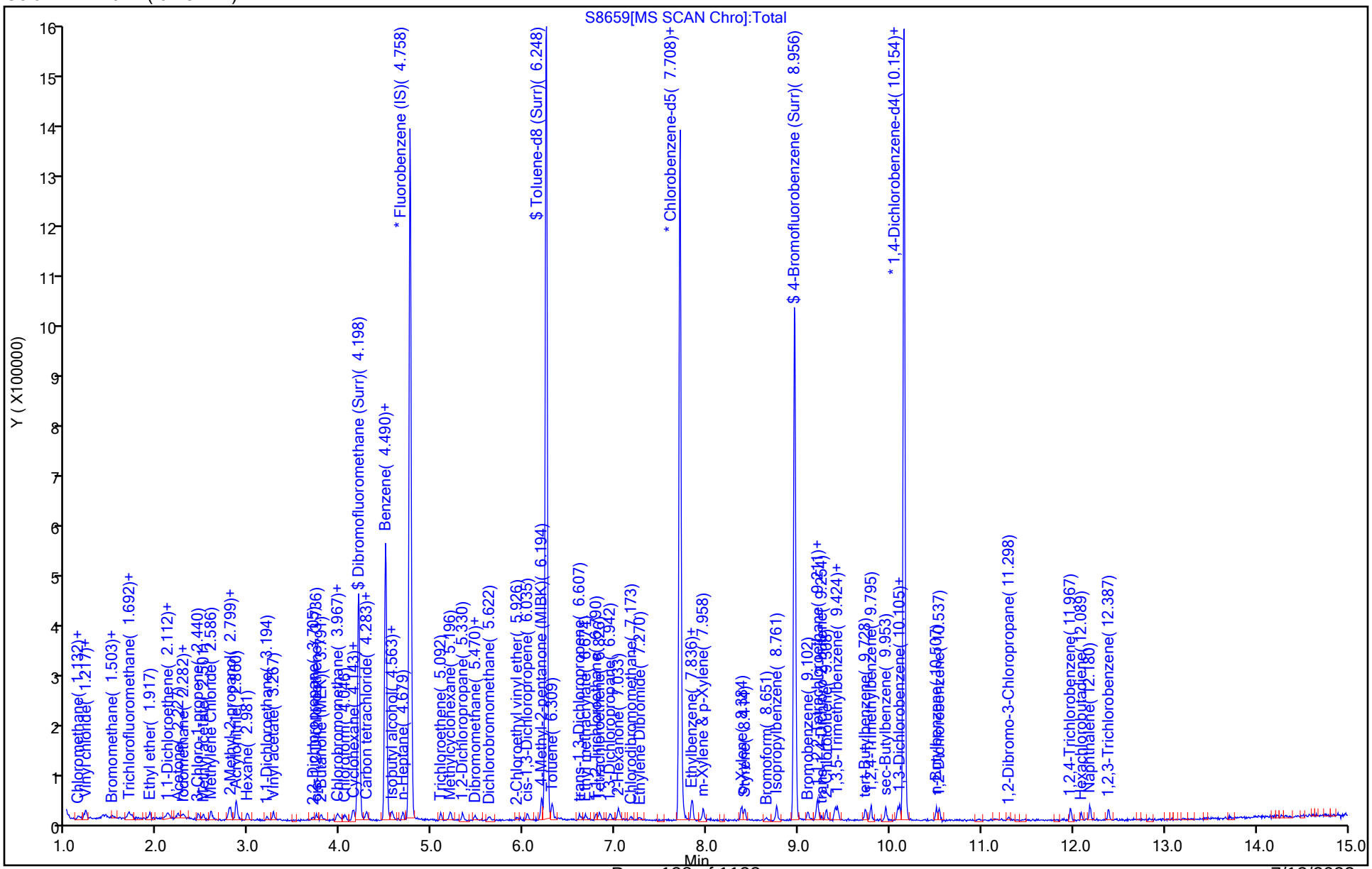
Report Date: 20-Jun-2023 12:02:16 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d

Injection Date:	19-Jun-2023 19:57:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	IC 0.5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Buffalo

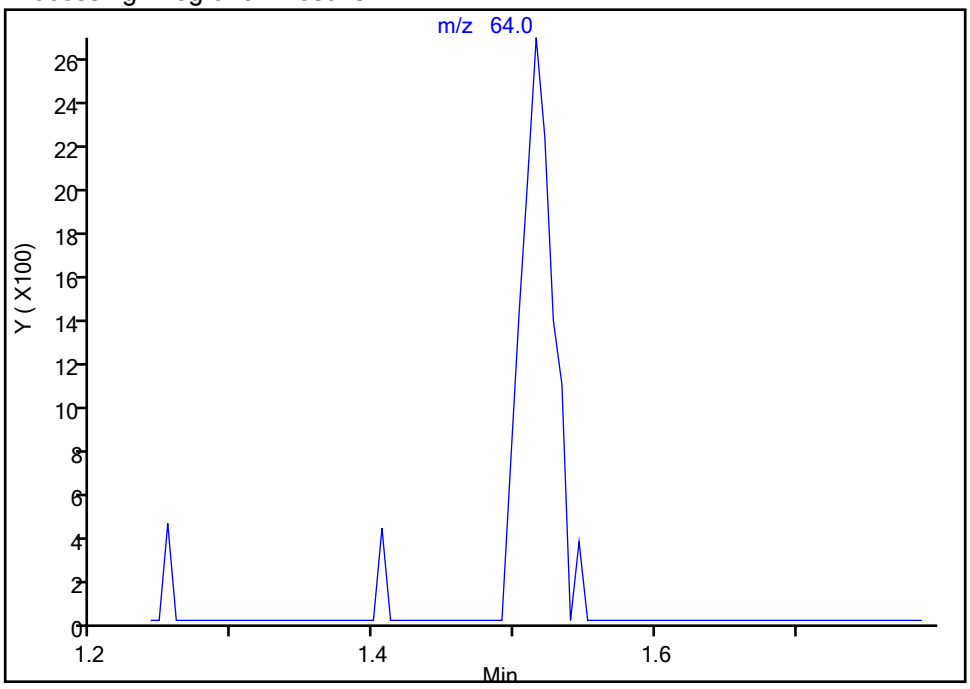
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

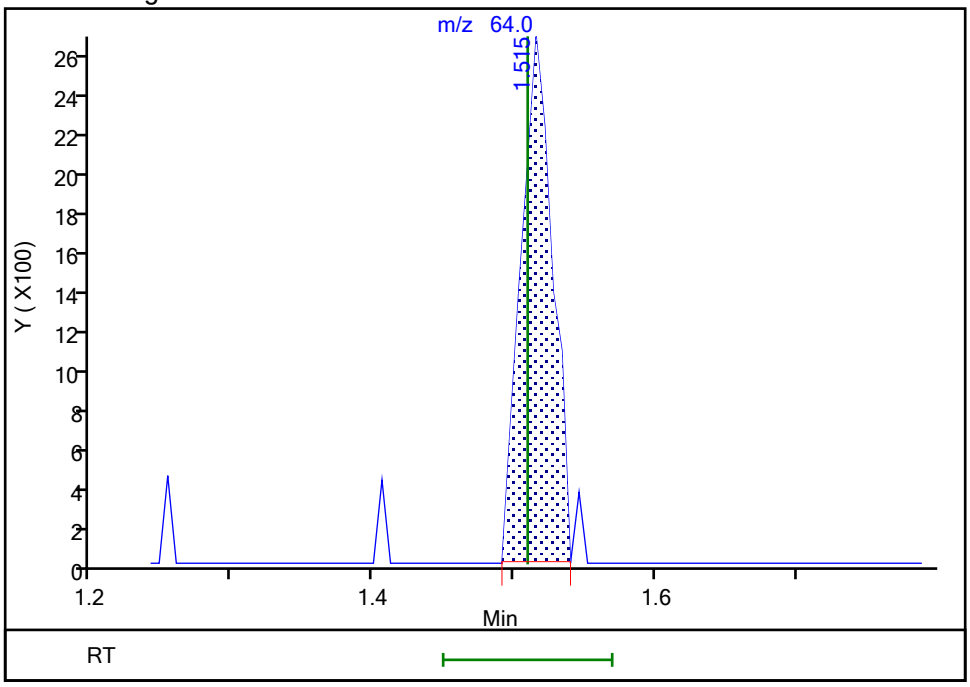
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.52
Area: 4126
Amount: 0.586146
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:56:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

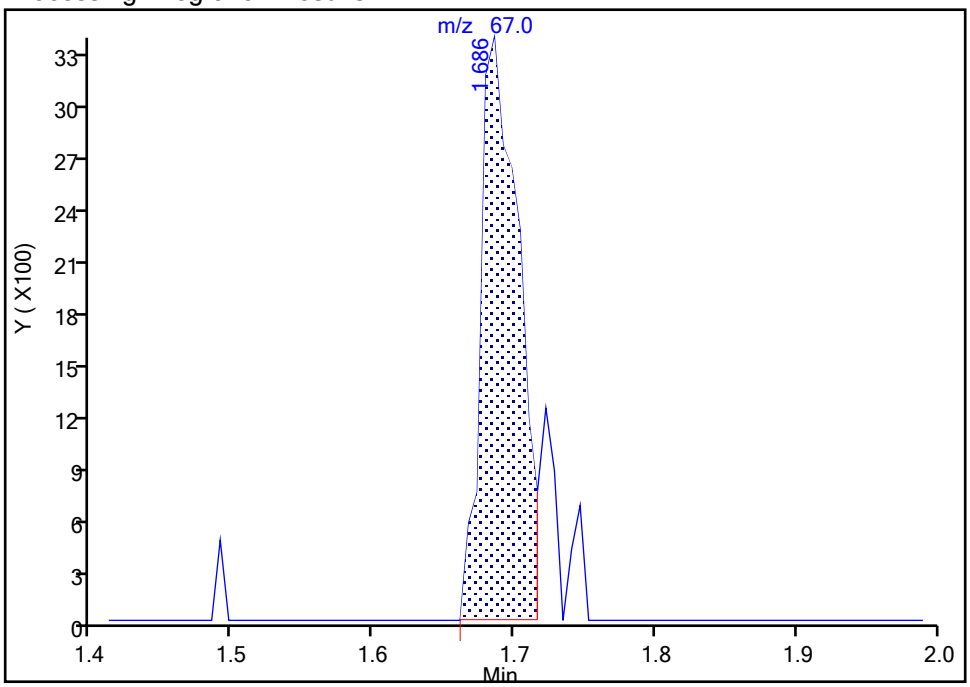
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

16 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

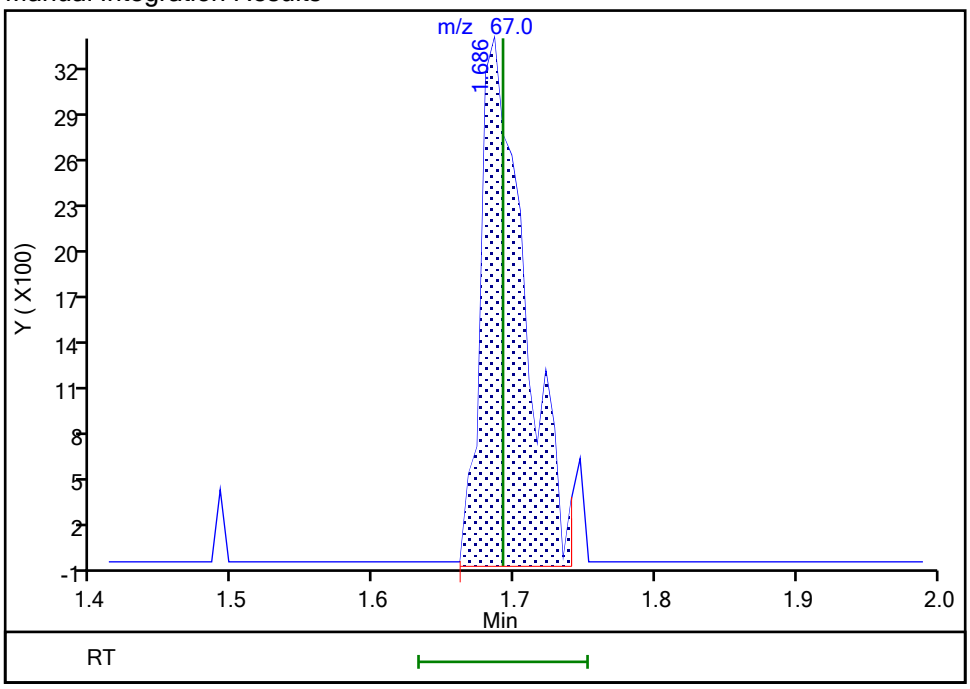
Processing Integration Results

RT: 1.69
Area: 6360
Amount: 0.436666
Amount Units: ug/L



Manual Integration Results

RT: 1.69
Area: 7388
Amount: 0.498451
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:56:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

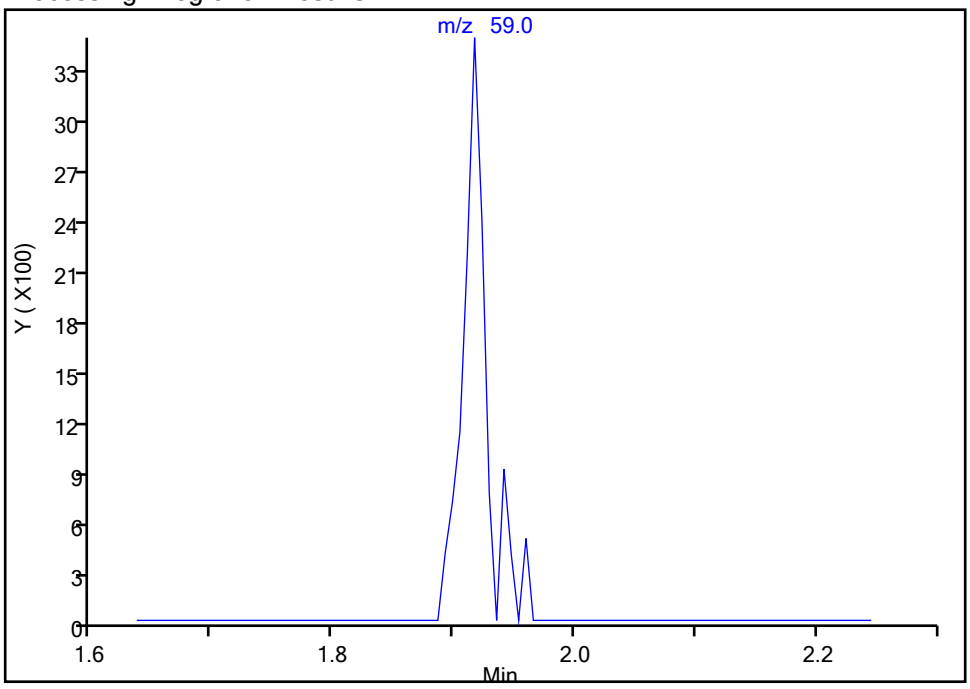
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

18 Ethyl ether, CAS: 60-29-7

Signal: 1

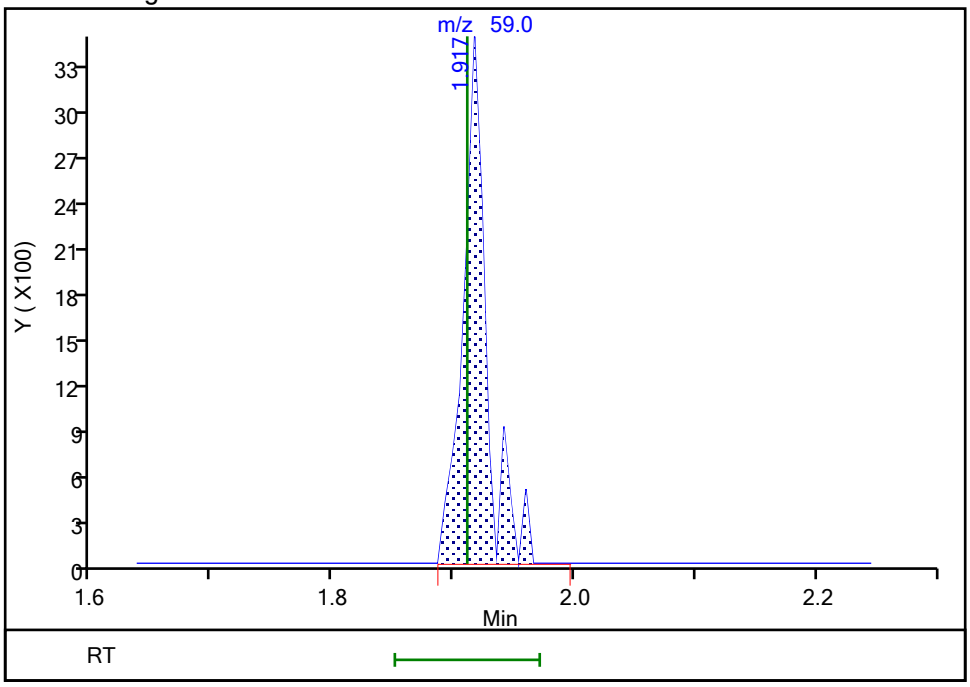
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 4707
Amount: 0.499063
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:57:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

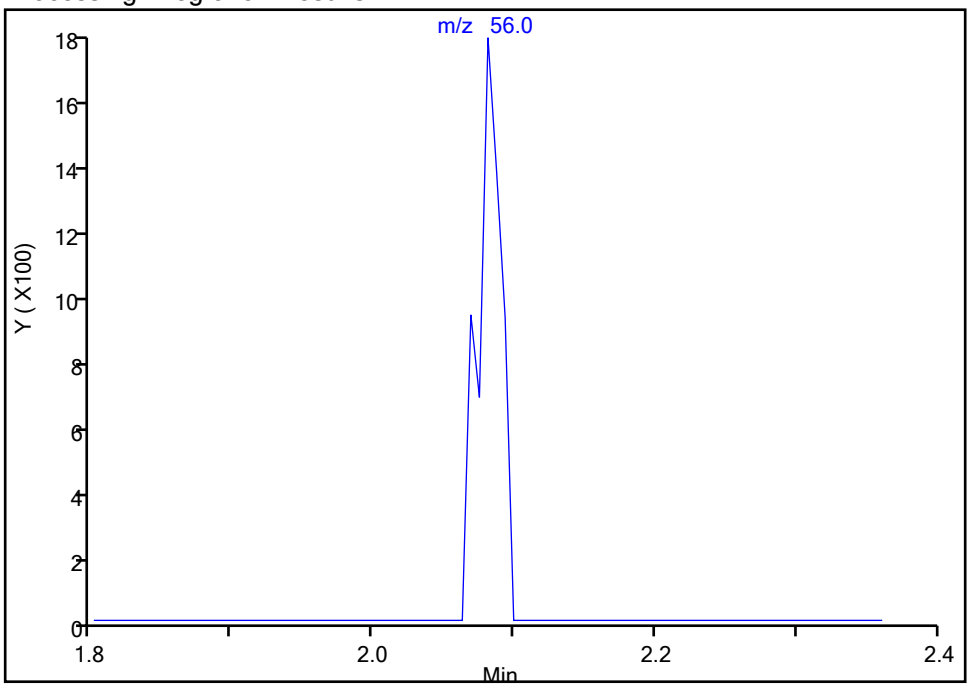
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

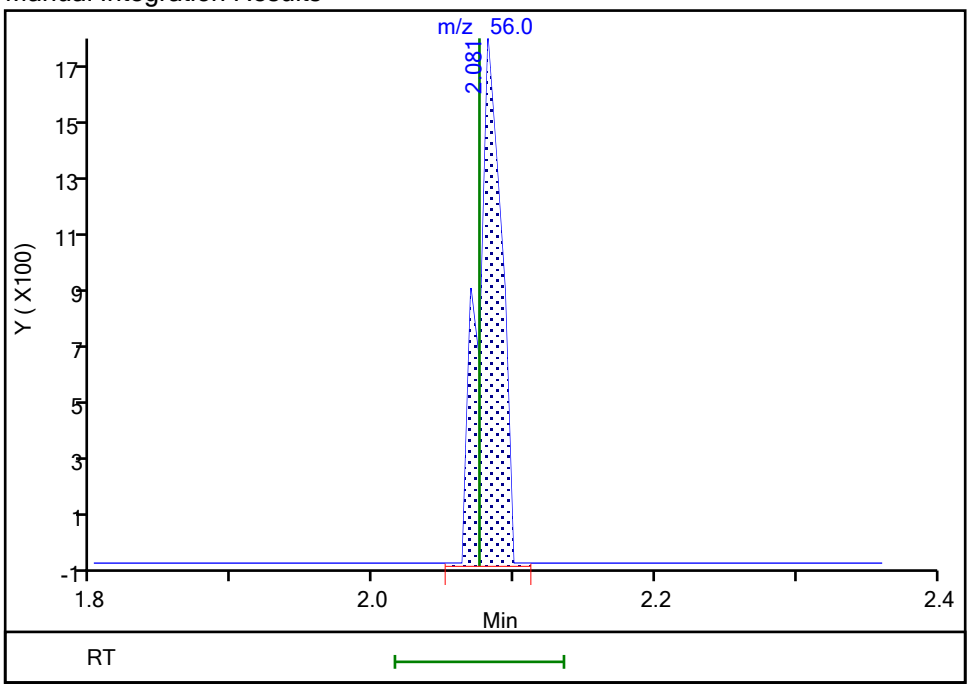
Not Detected
Expected RT: 2.08

Processing Integration Results



Manual Integration Results

RT: 2.08
Area: 2038
Amount: 3.152903
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:57:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

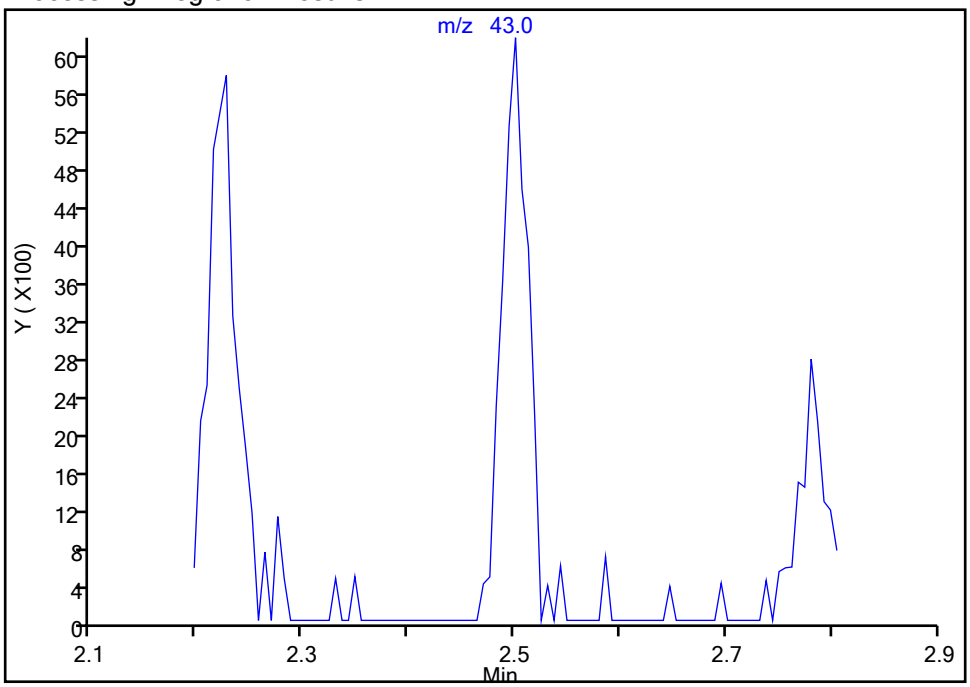
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

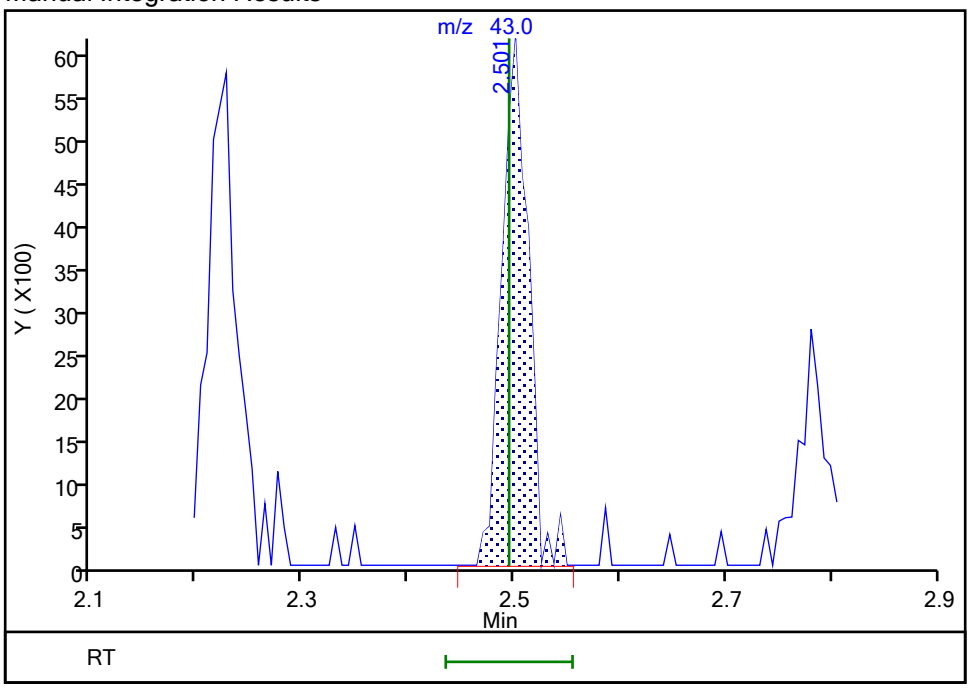
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 10734
Amount: 1.041546
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:57:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

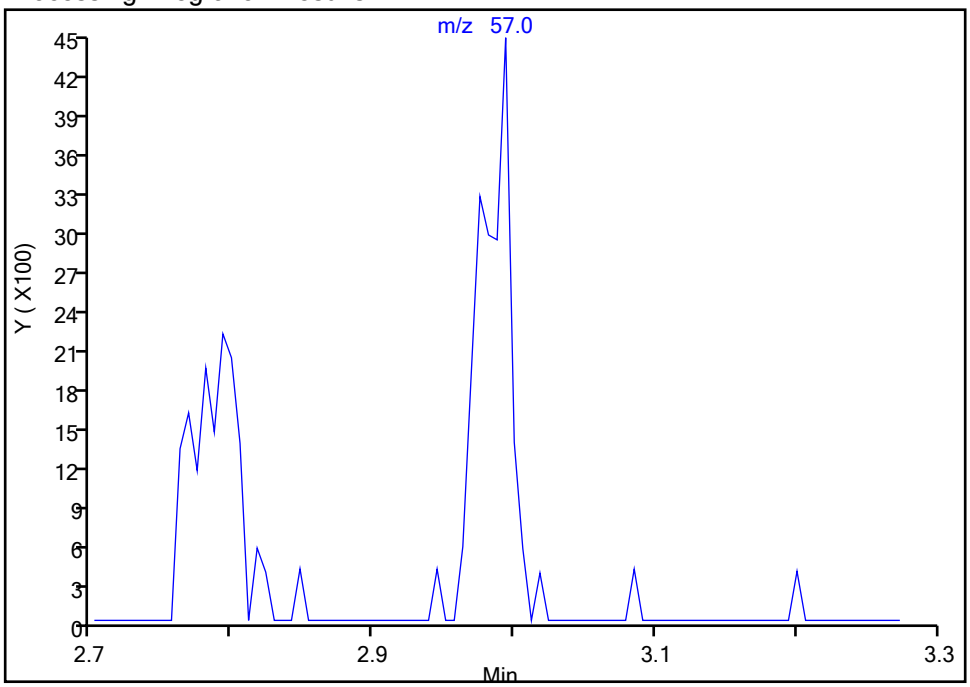
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

35 Hexane, CAS: 110-54-3

Signal: 1

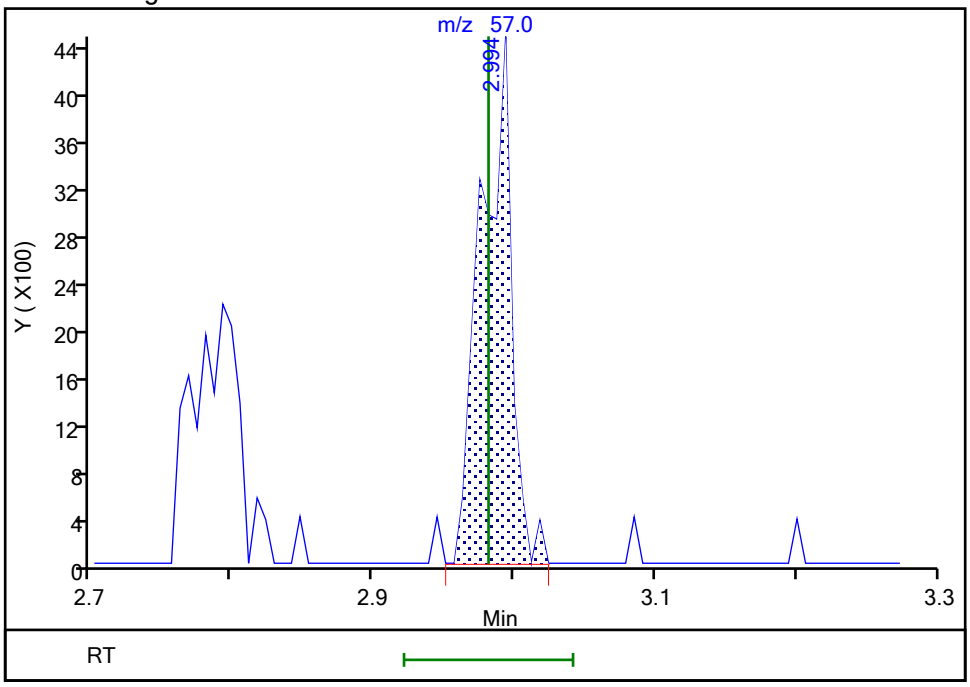
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 6624
Amount: 0.467222
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:57:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

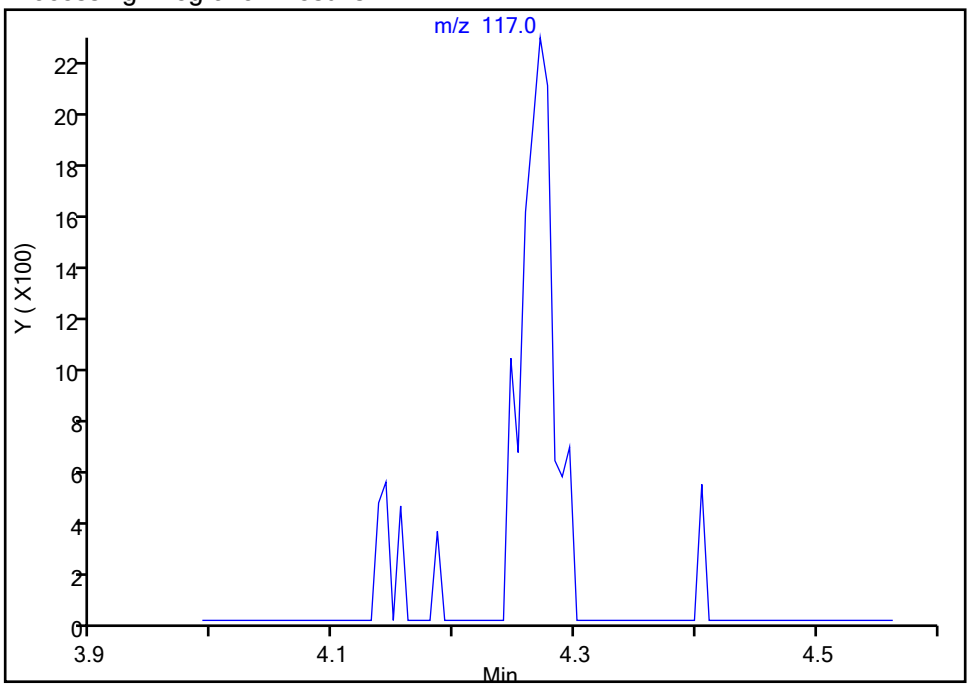
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

55 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

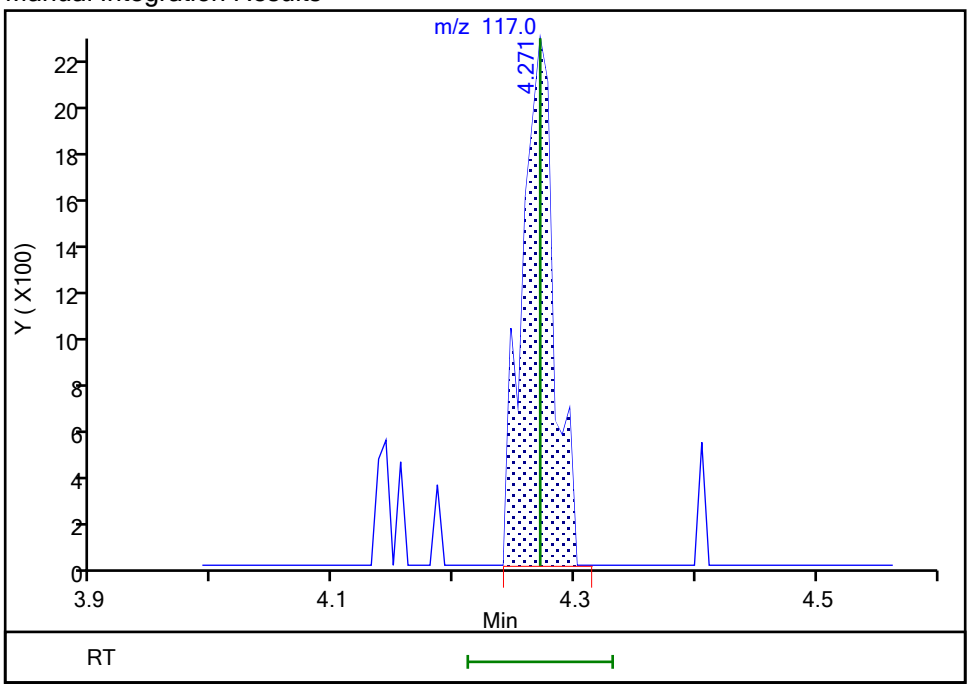
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 4200
Amount: 0.415509
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:58:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

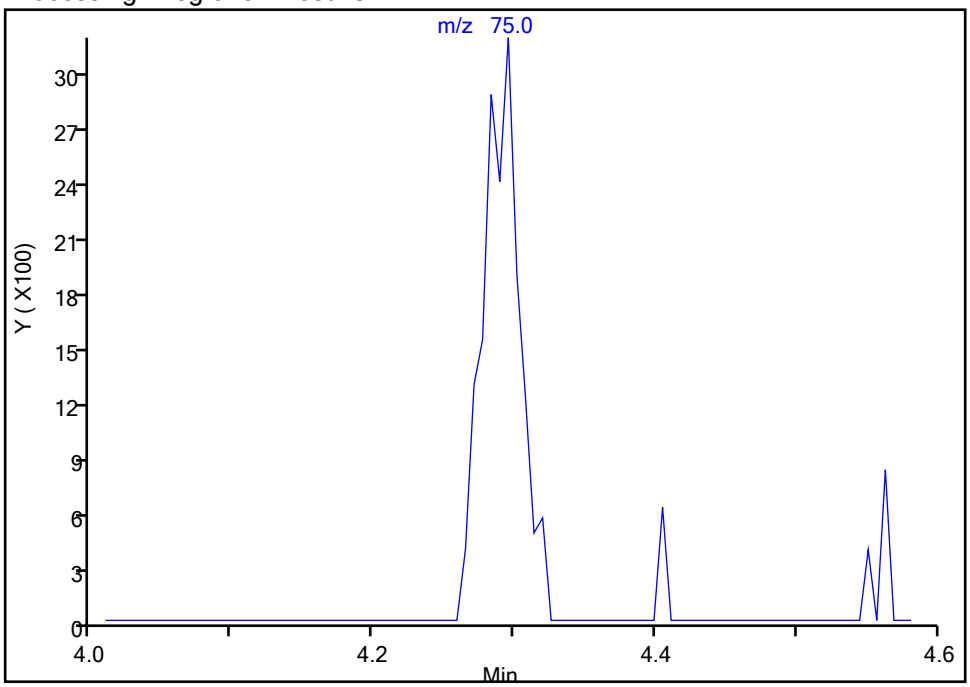
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

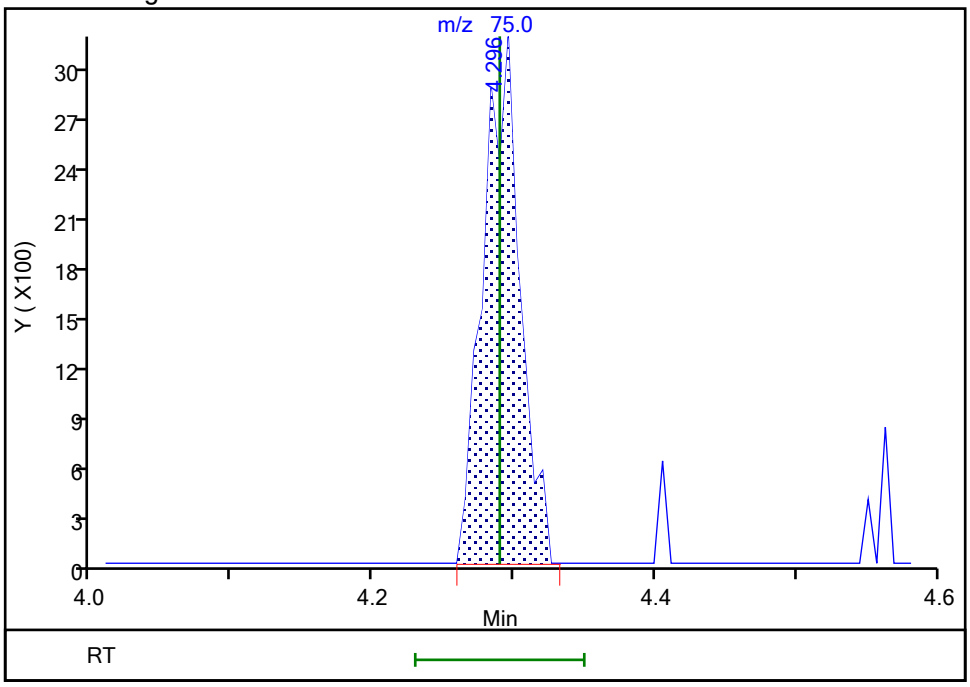
Not Detected
Expected RT: 4.29

Processing Integration Results



Manual Integration Results

RT: 4.30
Area: 5627
Amount: 0.439844
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:58:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

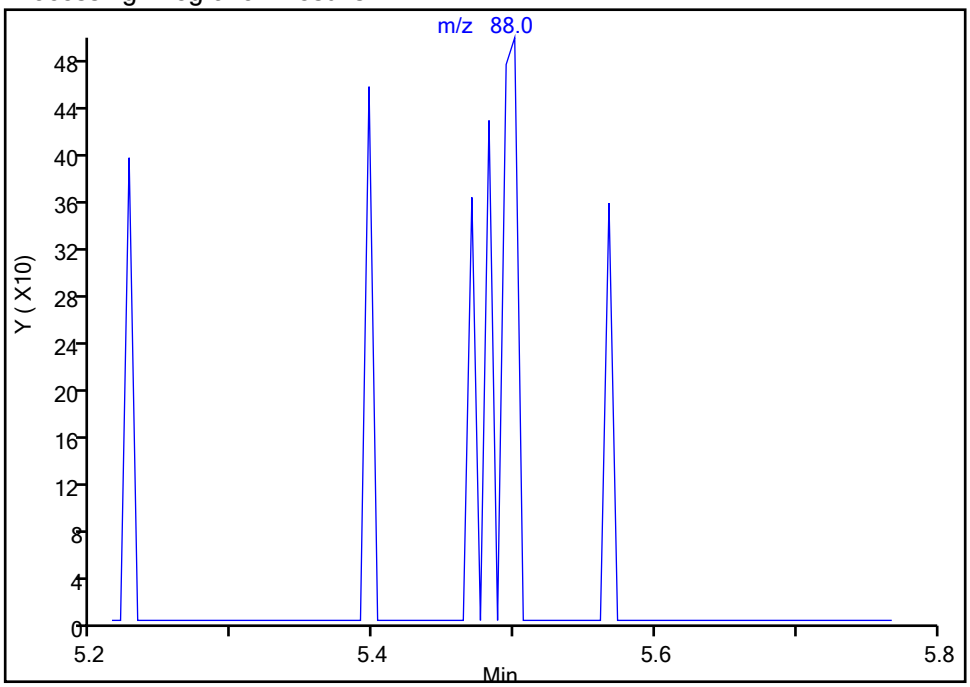
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

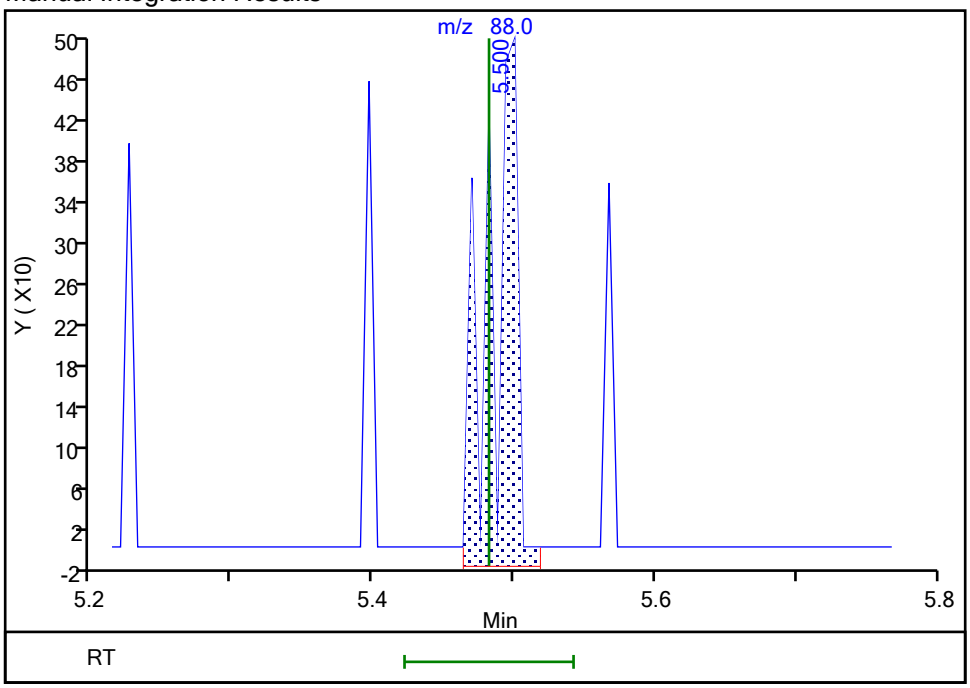
Not Detected
Expected RT: 5.48

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 711
Amount: 1.265896
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:58:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

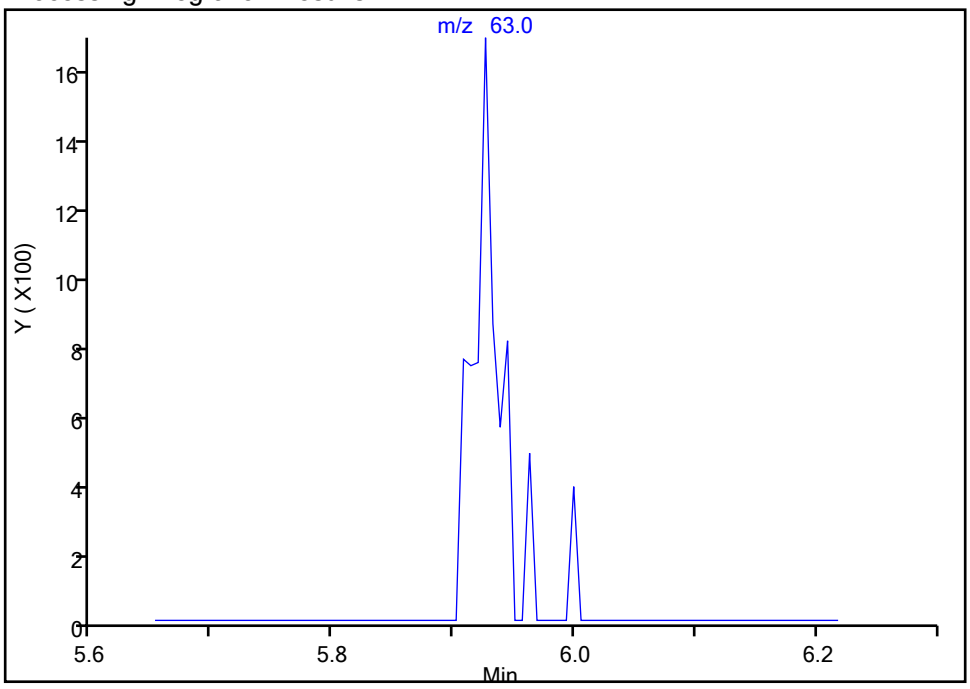
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

69 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

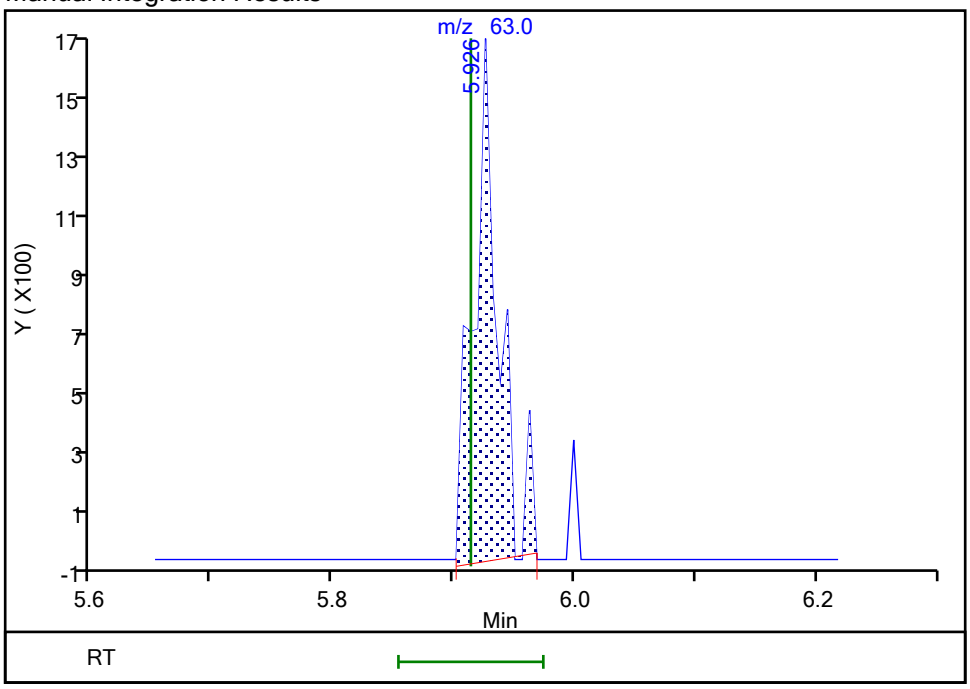
Not Detected
Expected RT: 5.91

Processing Integration Results



Manual Integration Results

RT: 5.93
Area: 2347
Amount: 0.396622
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:59:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

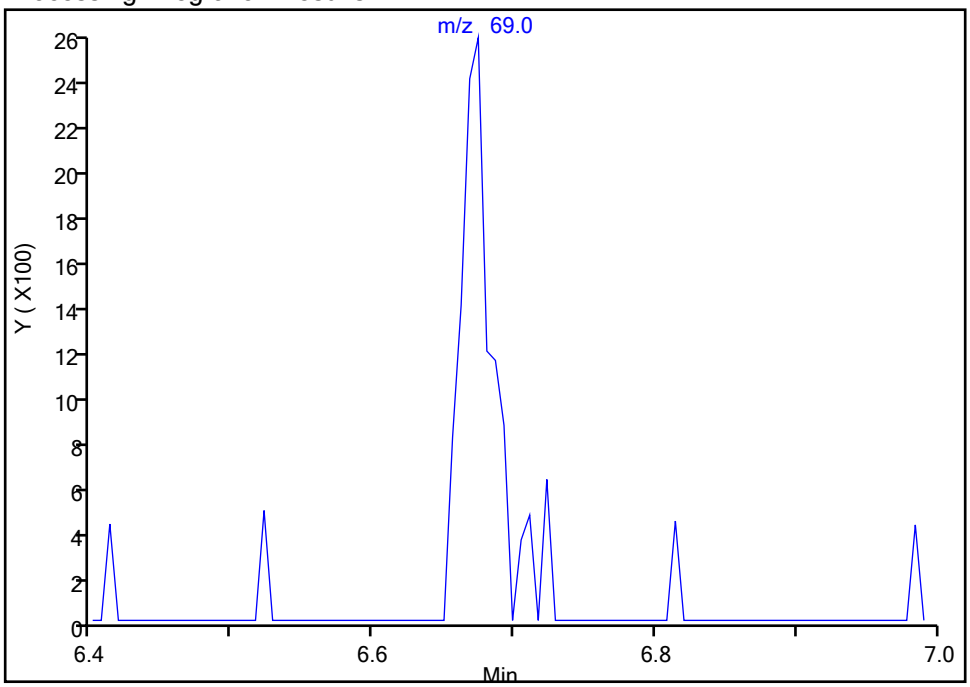
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

75 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

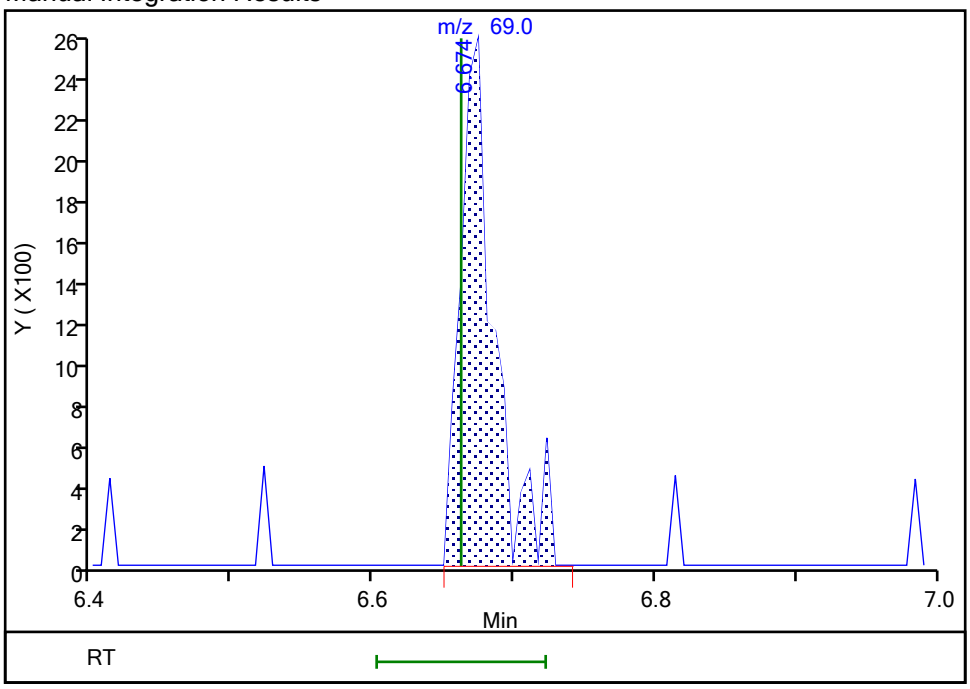
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.67
Area: 4272
Amount: 0.383094
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 09:59:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

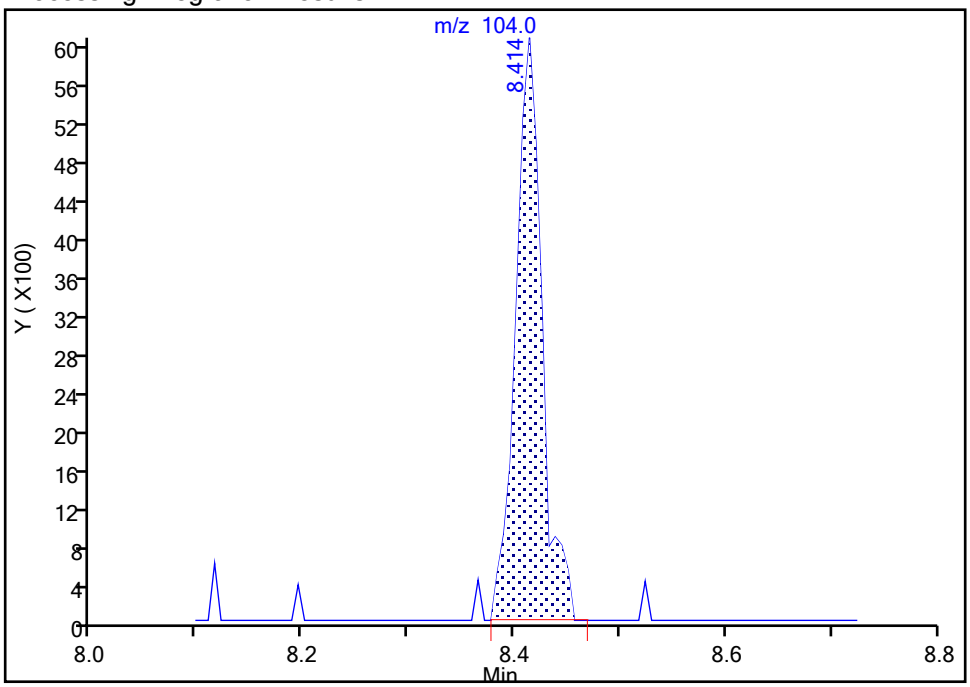
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

92 Styrene, CAS: 100-42-5

Signal: 1

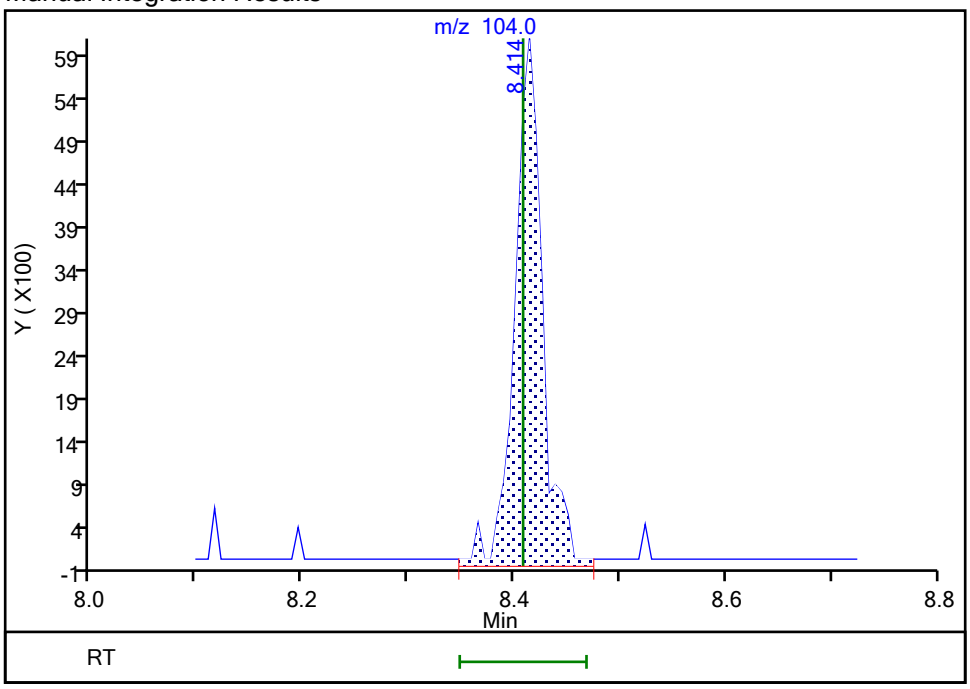
Processing Integration Results

RT: 8.41
Area: 10492
Amount: 0.390674
Amount Units: ug/L



Manual Integration Results

RT: 8.41
Area: 11216
Amount: 0.404982
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:00:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

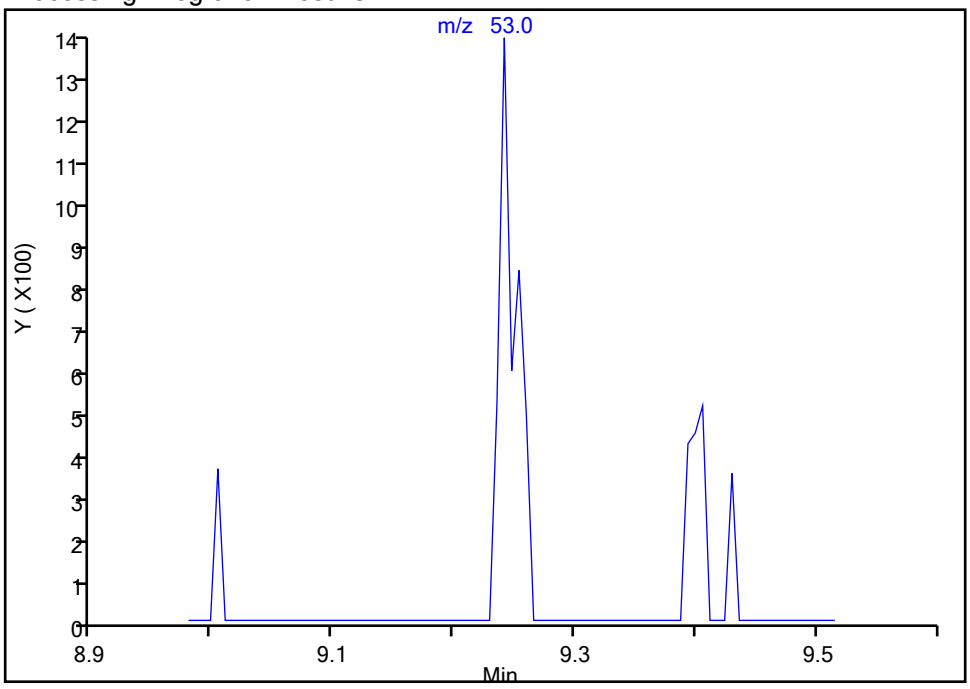
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

98 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

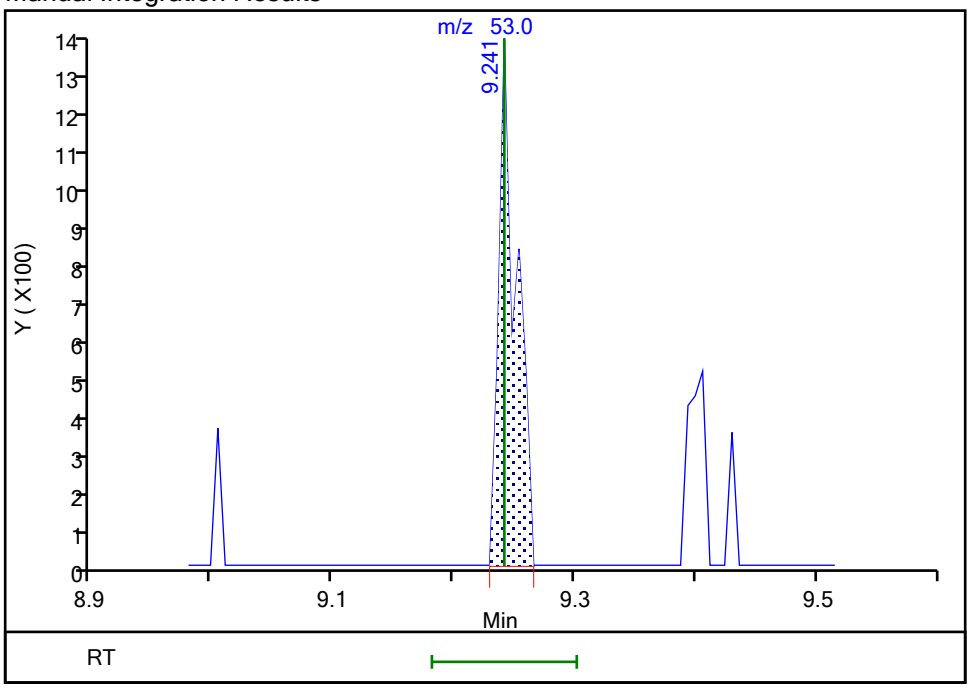
Not Detected
Expected RT: 9.24

Processing Integration Results



Manual Integration Results

RT: 9.24
Area: 1403
Amount: 0.440520
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:00:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

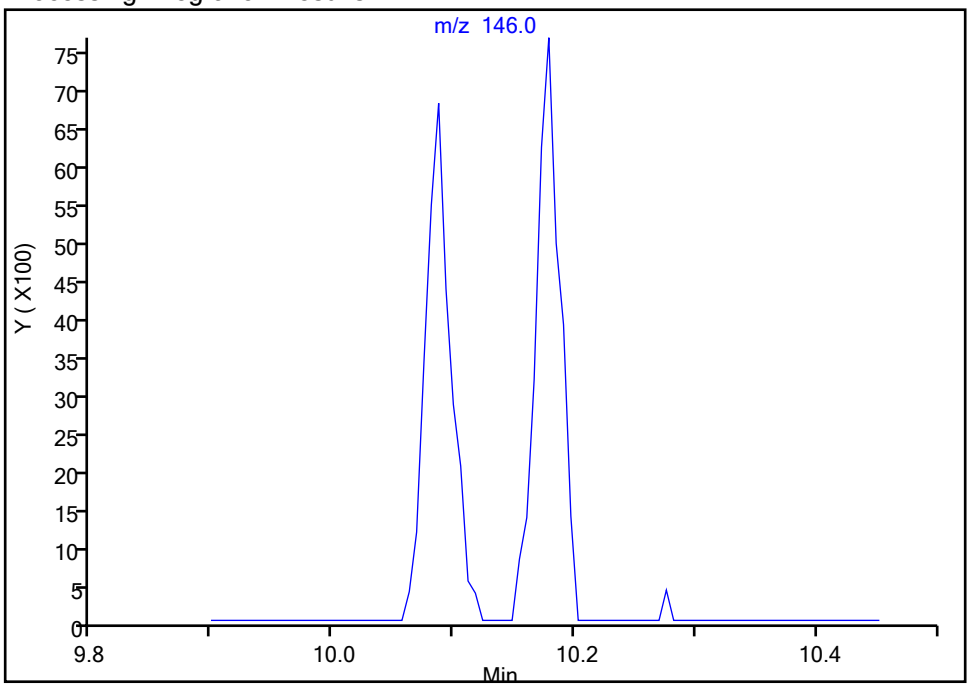
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

113 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

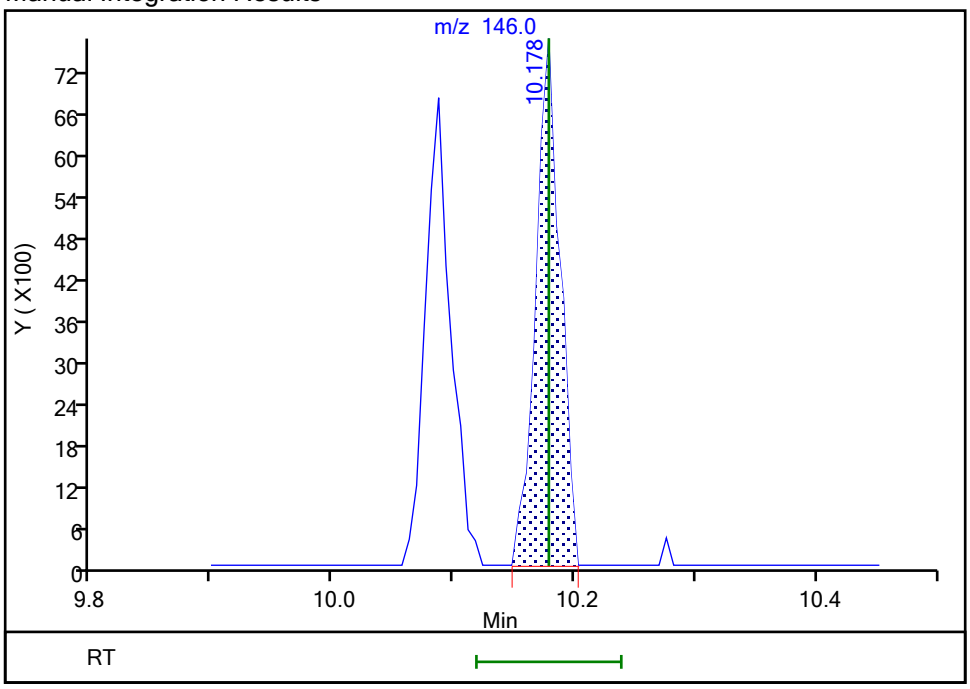
Not Detected
Expected RT: 10.18

Processing Integration Results



Manual Integration Results

RT: 10.18
Area: 10685
Amount: 0.509690
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:01:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

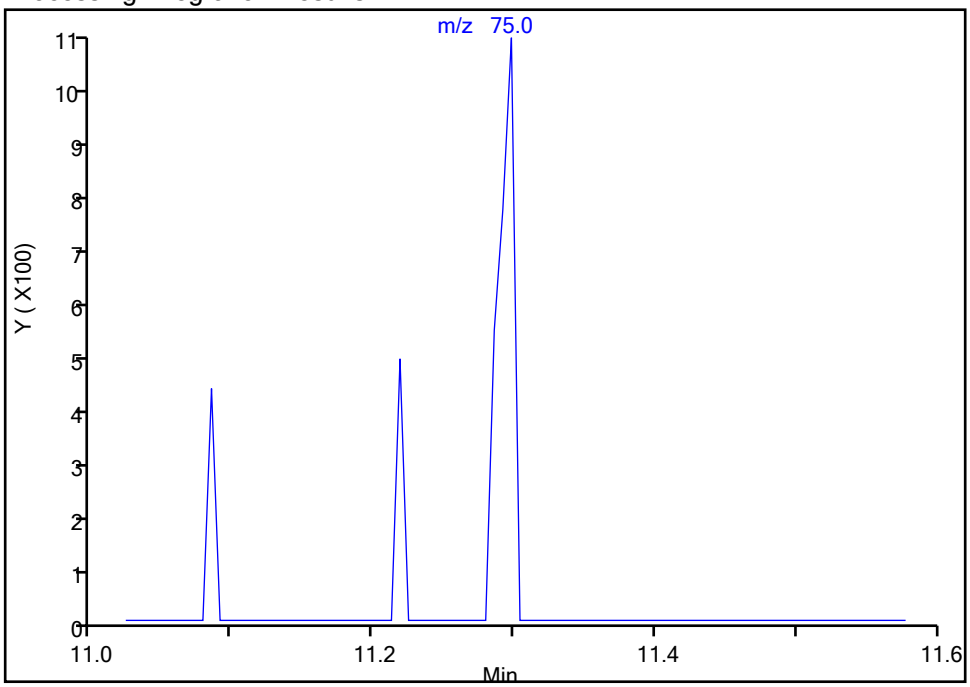
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

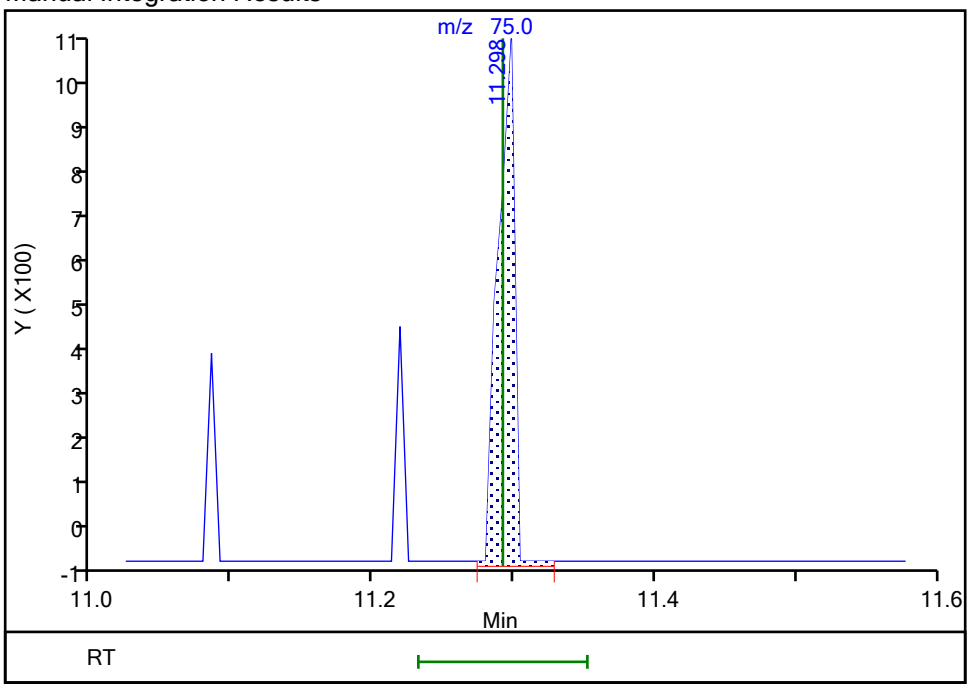
Not Detected
Expected RT: 11.29

Processing Integration Results



Manual Integration Results

RT: 11.30
Area: 864
Amount: 0.418564
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:01:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

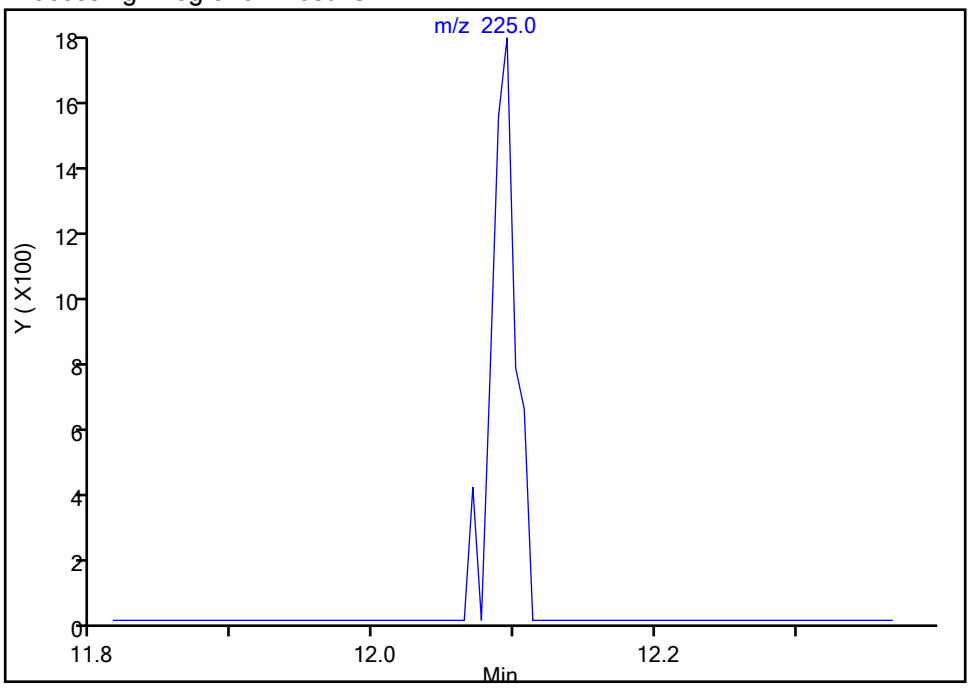
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

120 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

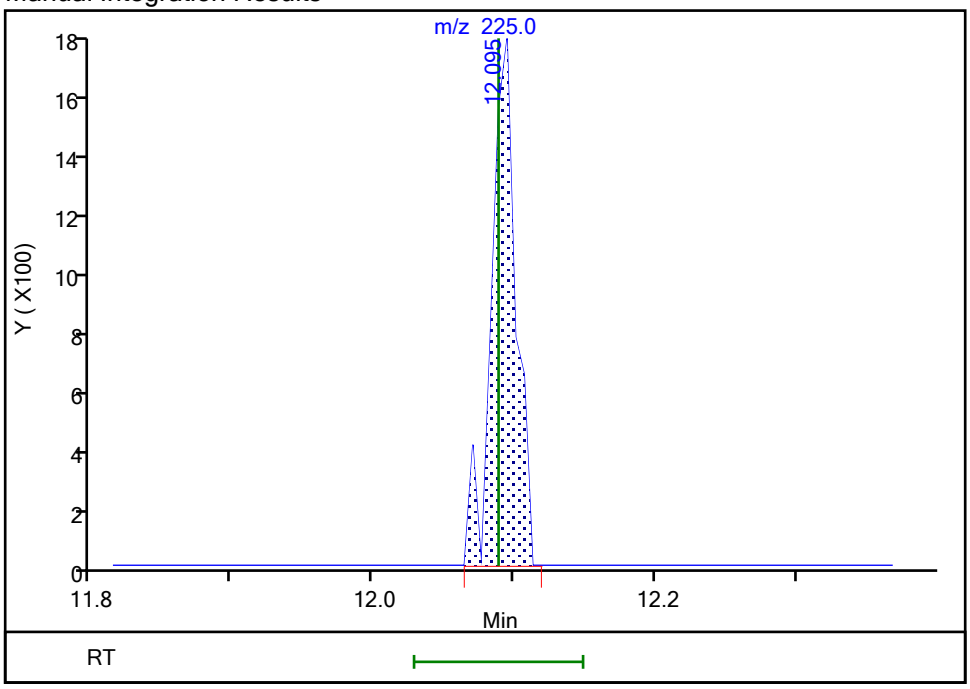
Not Detected
Expected RT: 12.09

Processing Integration Results



Manual Integration Results

RT: 12.09
Area: 2121
Amount: 0.395297
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:02:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

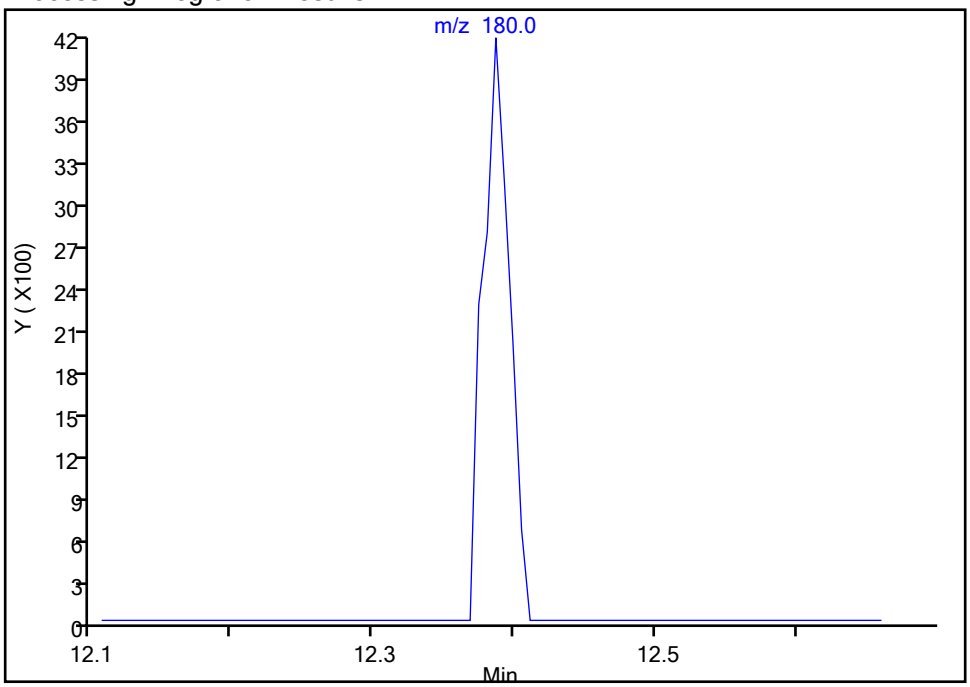
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8659.d
Injection Date: 19-Jun-2023 19:57:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

122 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

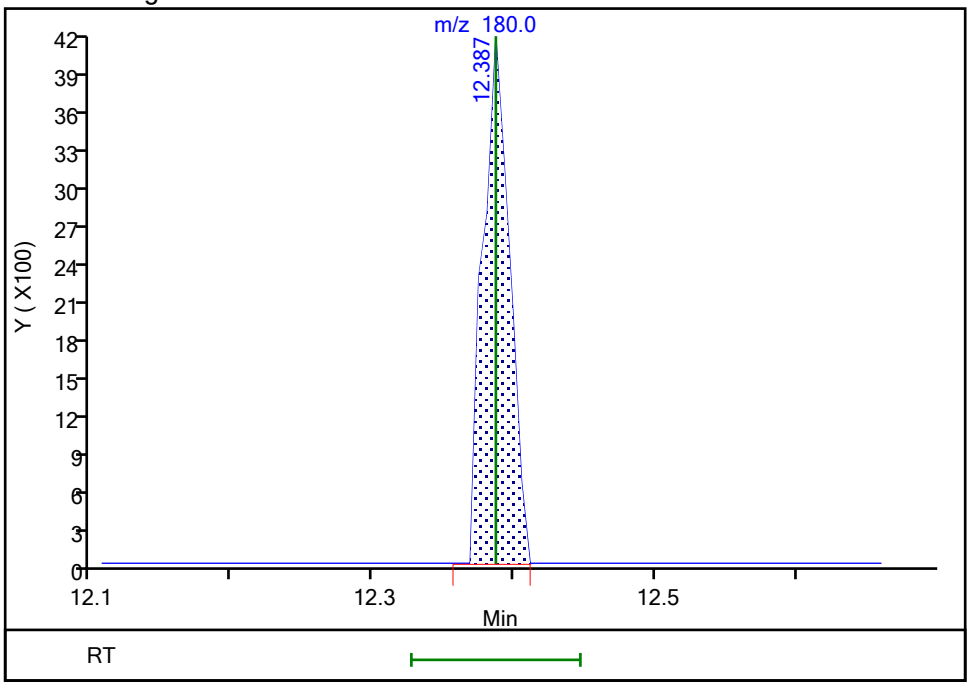
Not Detected
Expected RT: 12.39

Processing Integration Results



Manual Integration Results

RT: 12.39
Area: 5419
Amount: 0.410652
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:02:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Jun-2023 20:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0112326-014
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:20 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:05:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	217756	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	86	410140	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	401480	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	237865	25.0	24.3	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	98	169807	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	81	957664	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.956	0.005	89	285395	25.0	25.1	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	58	11472	1.00	0.99	
12 Chloromethane	50	1.132	1.132	0.000	77	13975	1.00	1.08	
13 Vinyl chloride	62	1.199	1.193	0.006	40	11517	1.00	0.9877	a
151 Butadiene	54	1.217	1.217	0.000	87	11074	1.00	0.9489	
14 Bromomethane	94	1.448	1.448	0.000	29	6341	1.00	0.9378	
15 Chloroethane	64	1.515	1.509	0.006	38	7254	1.00	1.03	Ma
17 Trichlorofluoromethane	101	1.686	1.686	0.000	60	12330	1.00	0.8880	
16 Dichlorofluoromethane	67	1.698	1.692	0.006	70	14503	1.00	0.9739	
18 Ethyl ether	59	1.917	1.911	0.006	73	9705	1.00	1.02	a
20 Acrolein	56	2.075	2.075	0.000	45	3676	5.00	5.66	a
22 1,1-Dichloroethene	96	2.111	2.105	0.006	78	5839	1.00	0.8256	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.124	2.112	0.012	40	6988	1.00	0.8798	
23 Acetone	43	2.227	2.215	0.012	92	19559	5.00	5.75	
25 Iodomethane	142	2.282	2.270	0.012	46	13679	1.00	0.99	
26 Carbon disulfide	76	2.288	2.282	0.006	86	25128	1.00	0.9287	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	66	15805	1.00	0.9303	
27 Methyl acetate	43	2.501	2.495	0.006	93	20056	2.00	1.94	
30 Methylene Chloride	84	2.586	2.580	0.006	83	11324	1.00	0.8786	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	66	9353	10.0	10.8	a
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	77	28865	1.00	0.9247	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	77	8470	1.00	0.9012	
33 Acrylonitrile	53	2.860	2.854	0.006	96	47757	10.0	9.57	
35 Hexane	57	2.987	2.981	0.006	85	12444	1.00	0.8736	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.200	3.194	0.006	62	16579	1.00	0.9586	
37 Vinyl acetate	43	3.261	3.255	0.006	75	32596	2.00	1.66	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	50	7520	1.00	0.8722	
45 cis-1,2-Dichloroethene	96	3.730	3.730	0.000	30	10079	1.00	0.9714	
43 2-Butanone (MEK)	43	3.784	3.778	0.006	88	26517	5.00	4.79	
48 Chlorobromomethane	128	3.961	3.961	0.000	72	5371	1.00	1.03	
49 Tetrahydrofuran	42	3.979	3.973	0.006	69	8386	2.00	2.17	
50 Chloroform	83	4.046	4.046	0.000	63	16368	1.00	1.00	
52 Cyclohexane	56	4.143	4.137	0.006	71	15680	1.00	0.8677	
51 1,1,1-Trichloroethane	97	4.131	4.137	-0.006	47	10437	1.00	0.8495	
55 Carbon tetrachloride	117	4.271	4.271	0.000	66	8838	1.00	0.8702	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	60	12339	1.00	0.9600	
57 Benzene	78	4.490	4.484	0.006	44	35144	1.00	0.9100	
53 Isobutyl alcohol	43	4.563	4.551	0.012	14	10207	25.0	30.0	
58 1,2-Dichloroethane	62	4.569	4.557	0.012	38	13354	1.00	0.9875	
59 n-Heptane	43	4.685	4.679	0.006	75	12426	1.00	0.9210	
62 Trichloroethene	95	5.092	5.092	0.000	64	7795	1.00	0.8362	
64 Methylcyclohexane	83	5.196	5.196	0.000	78	13012	1.00	0.8286	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	54	7734	1.00	0.8176	
67 Dibromomethane	93	5.470	5.464	0.006	71	4861	1.00	0.8311	
66 1,4-Dioxane	88	5.488	5.482	0.006	38	1868	20.0	22.3	Ma
68 Dichlorobromomethane	83	5.628	5.622	0.006	40	10620	1.00	0.9353	
69 2-Chloroethyl vinyl ether	63	5.920	5.914	0.006	45	4441	1.00	0.7470	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	60	13128	1.00	0.9065	
73 4-Methyl-2-pentanone (MIBK)	43	6.193	6.188	0.005	94	57620	5.00	4.92	M
74 Toluene	92	6.309	6.309	0.000	81	20804	1.00	0.8645	
77 trans-1,3-Dichloropropene	75	6.613	6.601	0.012	61	12554	1.00	0.9689	
75 Ethyl methacrylate	69	6.668	6.662	0.006	51	10378	1.00	0.9150	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	61	7100	1.00	1.02	
81 Tetrachloroethene	166	6.832	6.826	0.006	61	8413	1.00	0.9157	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	64	12907	1.00	0.8775	
80 2-Hexanone	43	7.033	7.027	0.006	95	41406	5.00	5.61	
83 Chlorodibromomethane	129	7.179	7.173	0.006	15	7611	1.00	0.9236	
84 Ethylene Dibromide	107	7.264	7.258	0.006	59	6655	1.00	0.8047	
87 Chlorobenzene	112	7.733	7.733	0.000	40	22695	1.00	0.8947	
88 Ethylbenzene	91	7.836	7.836	0.000	82	38709	1.00	0.8905	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	19	8137	1.00	0.9871	
90 m-Xylene & p-Xylene	106	7.952	7.958	-0.006	86	14515	1.00	0.8773	
91 o-Xylene	106	8.377	8.378	-0.001	88	14704	1.00	0.8505	
92 Styrene	104	8.414	8.408	0.006	49	24872	1.00	0.8829	
95 Bromoform	173	8.657	8.645	0.012	39	5483	1.00	1.04	
94 Isopropylbenzene	105	8.761	8.761	0.000	81	36180	1.00	0.8119	
101 Bromobenzene	156	9.107	9.102	0.005	81	10795	1.00	0.9523	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	44	10994	1.00	0.9138	
99 N-Propylbenzene	91	9.205	9.205	0.000	86	45252	1.00	0.8606	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	33	3907	1.00	1.01	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	1	3137	1.00	0.9187	
103 2-Chlorotoluene	126	9.302	9.302	0.000	83	8564	1.00	0.8228	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	84	31347	1.00	0.8091	
105 4-Chlorotoluene	126	9.430	9.424	0.006	62	9528	1.00	0.9000	
106 tert-Butylbenzene	134	9.734	9.734	0.000	76	6876	1.00	0.8235	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	57	36141	1.00	0.8934	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	70	40900	1.00	0.8569	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	83	20020	1.00	0.9235	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	81	34403	1.00	0.8433	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	10	20978	1.00	0.9334	
115 n-Butylbenzene	91	10.507	10.507	0.000	85	29180	1.00	0.8359	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	81	20995	1.00	0.9562	
117 1,2-Dibromo-3-Chloropropane	75	11.285	11.292	-0.007	1	2105	1.00	0.9512	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	61	13243	1.00	0.9271	
120 Hexachlorobutadiene	225	12.095	12.089	0.006	30	4971	1.00	0.8641	
121 Naphthalene	128	12.186	12.180	0.006	80	38824	1.00	0.9100	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	66	14191	1.00	1.00	
S 125 1,2-Dichloroethene, Total	1				0			1.87	
S 123 Total BTEX	1				0			4.39	
S 126 1,3-Dichloropropene, Total	1				0			1.88	
S 124 Xylenes, Total	1				0			1.73	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added:	1.00	Units: uL	
GAS CORP mix_00570	Amount Added:	1.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Jun-2023 12:02:21 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d

Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S Operator ID: AG

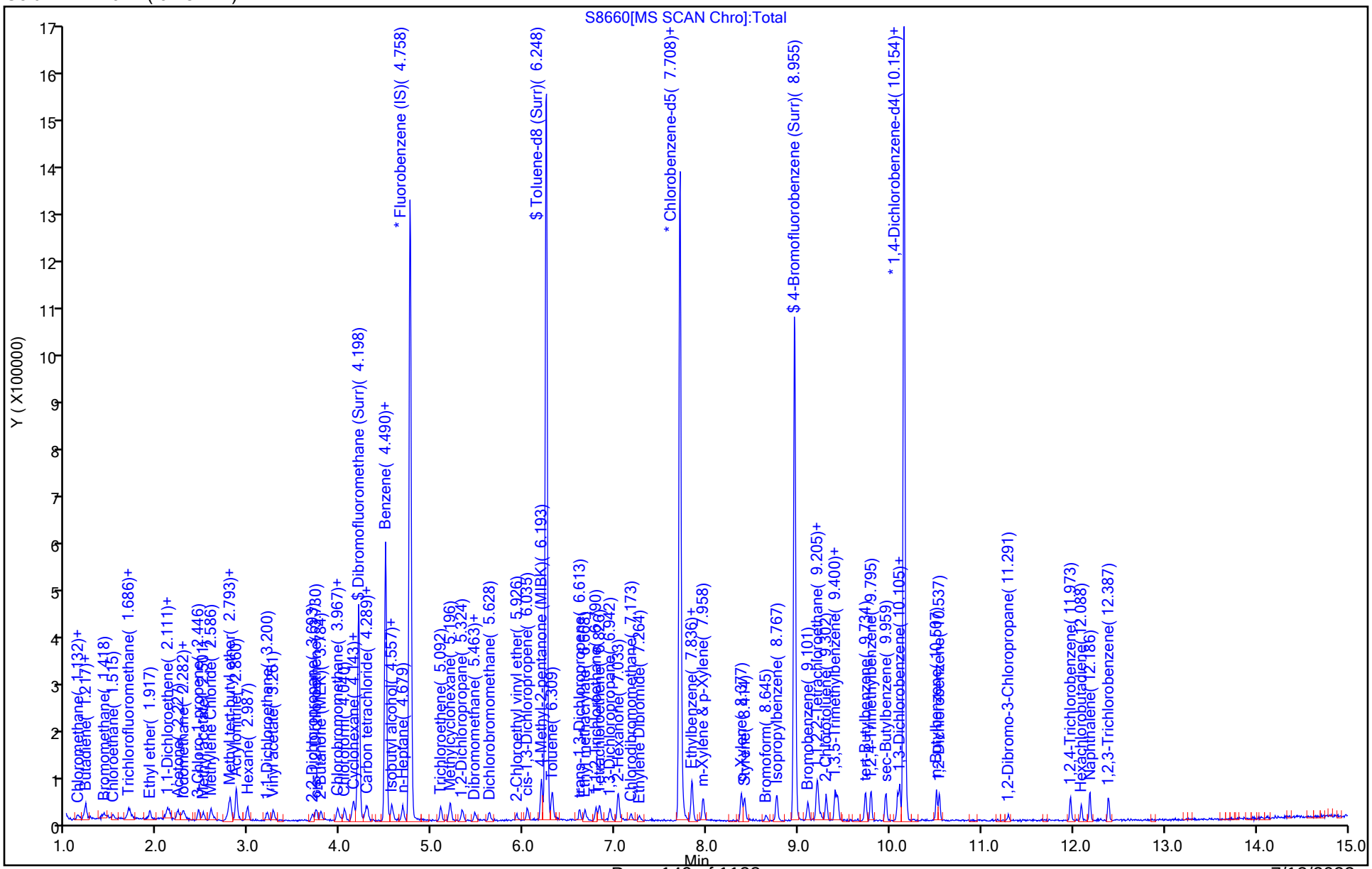
Lims ID: IC Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: S-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Buffalo

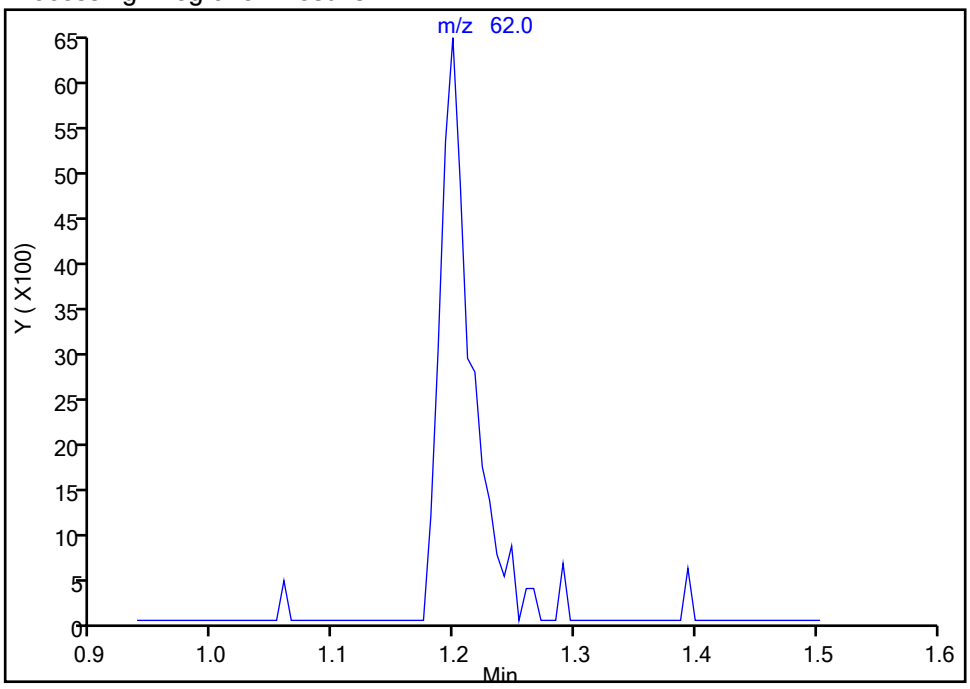
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

13 Vinyl chloride, CAS: 75-01-4

Signal: 1

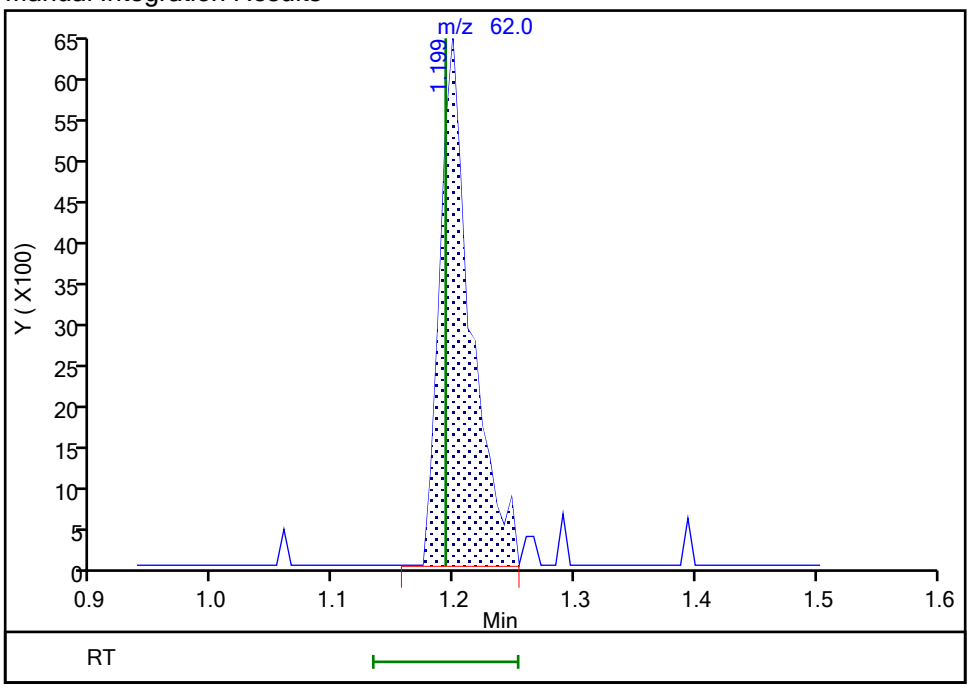
Not Detected
Expected RT: 1.19

Processing Integration Results



Manual Integration Results

RT: 1.20
Area: 11517
Amount: 0.987679
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:02:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

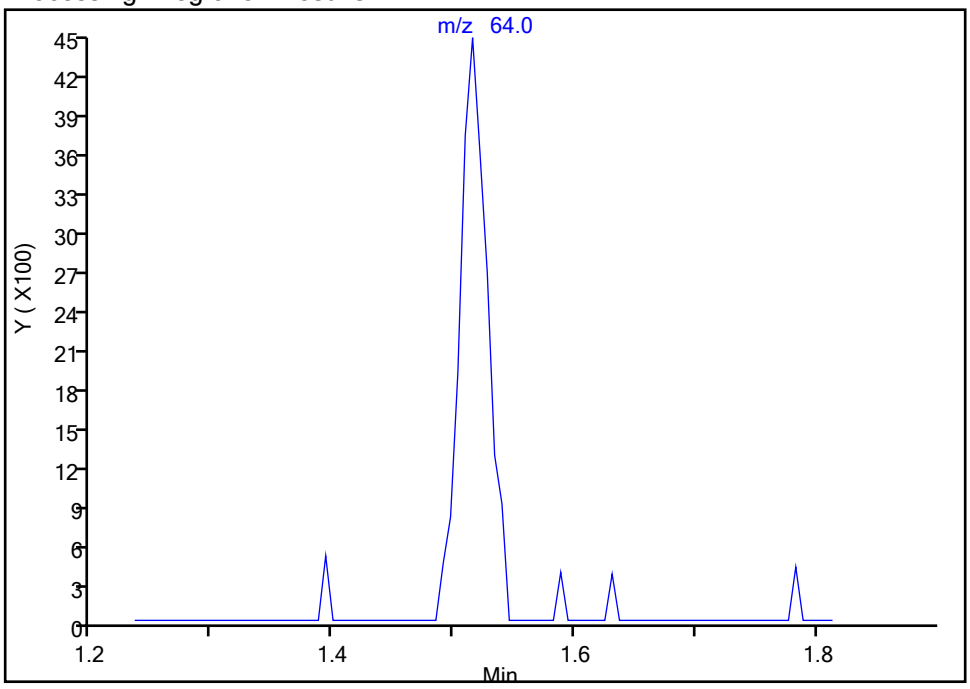
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

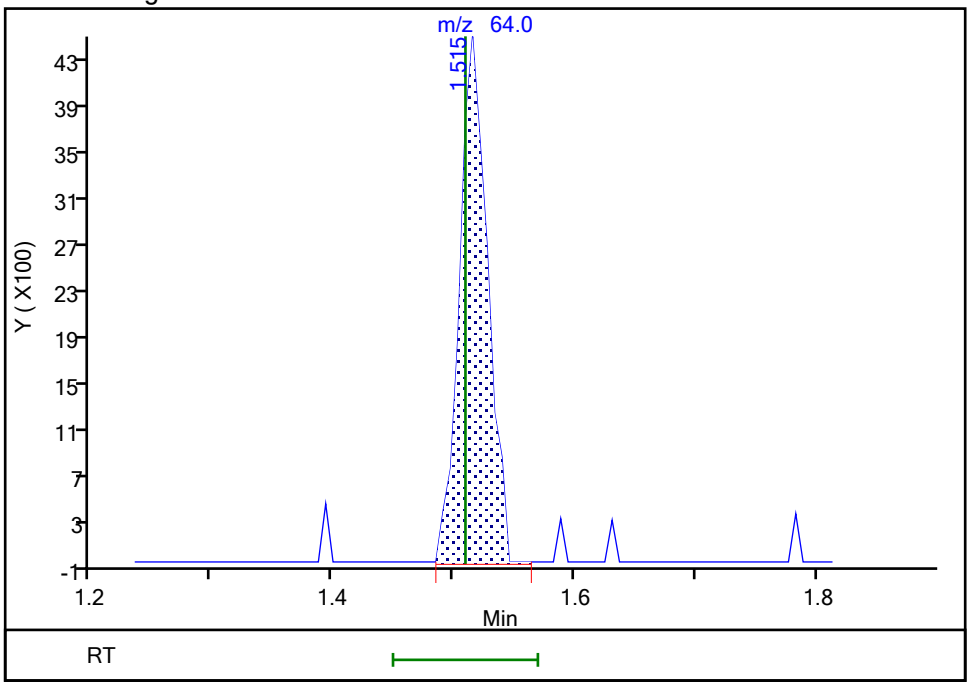
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.52
Area: 7254
Amount: 1.025669
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:02:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

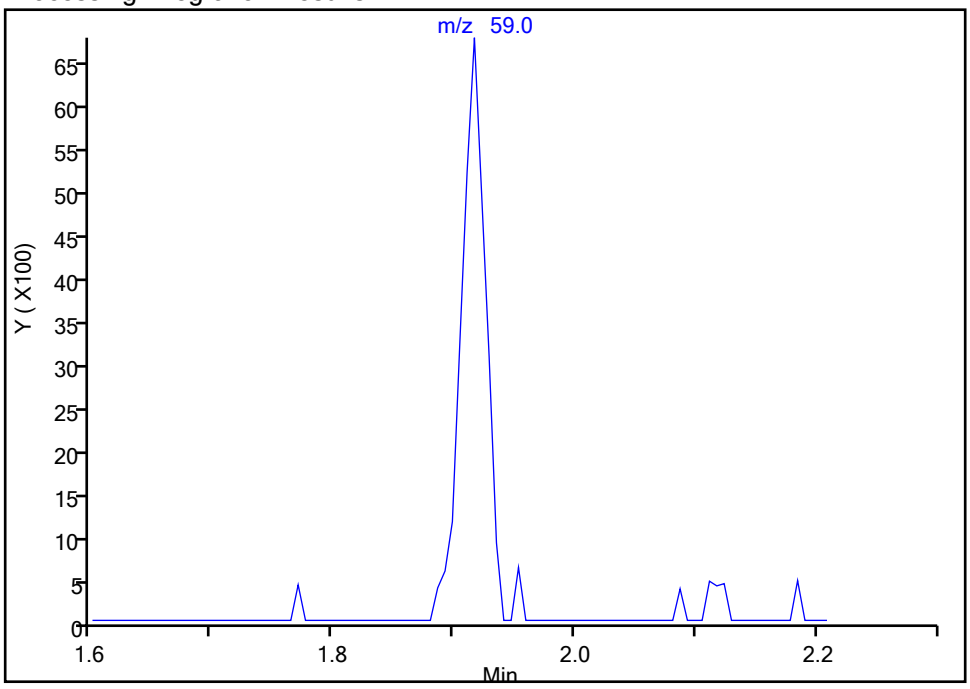
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

18 Ethyl ether, CAS: 60-29-7

Signal: 1

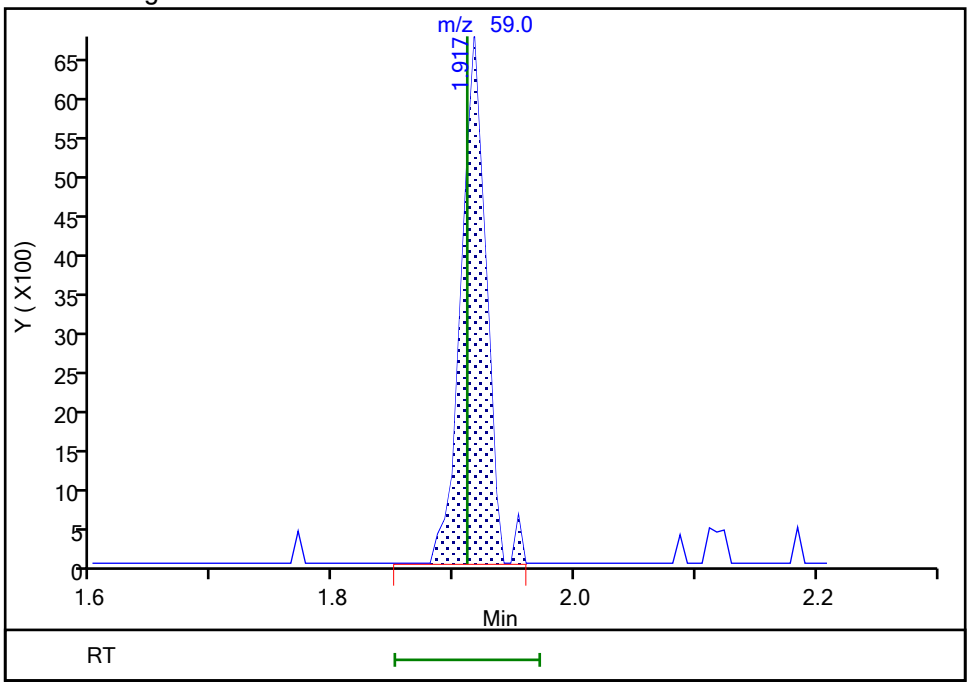
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 9705
Amount: 1.024141
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:02:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

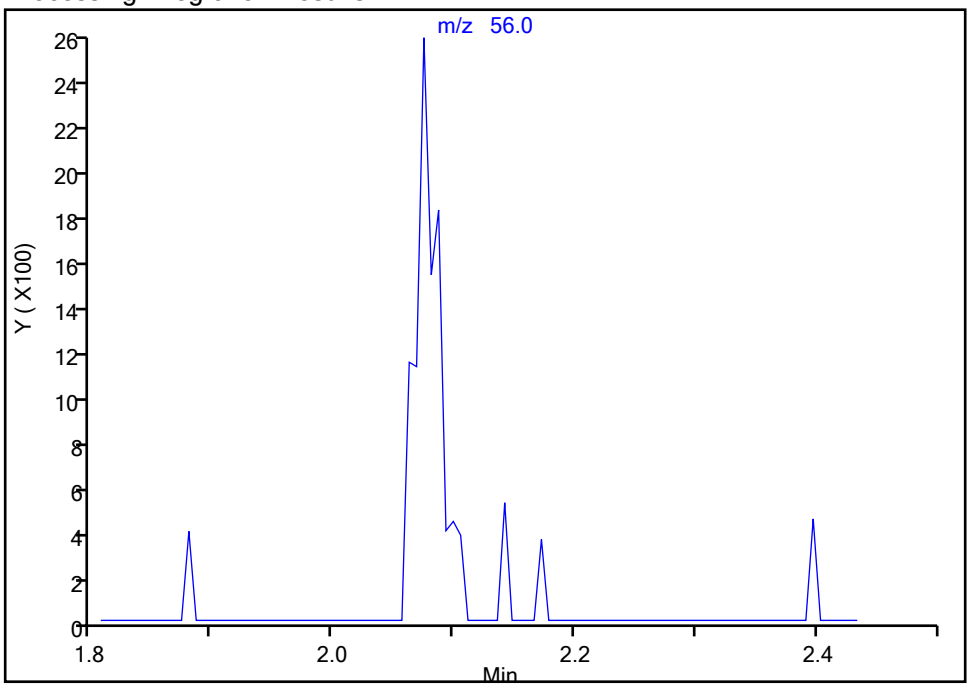
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

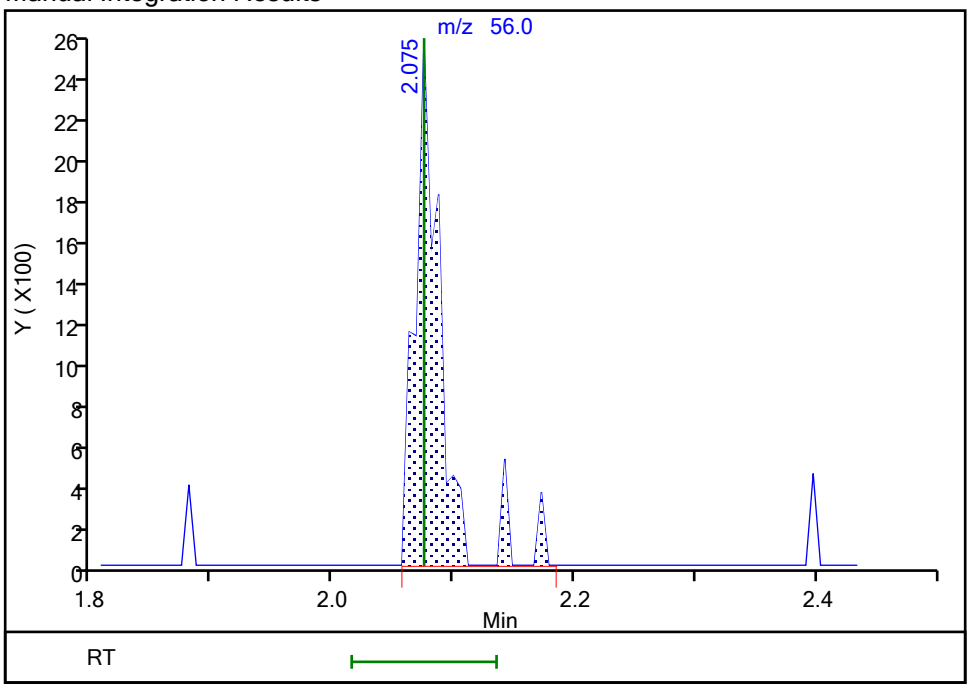
Not Detected
Expected RT: 2.08

Processing Integration Results



Manual Integration Results

RT: 2.07
Area: 3676
Amount: 5.660241
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:03:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

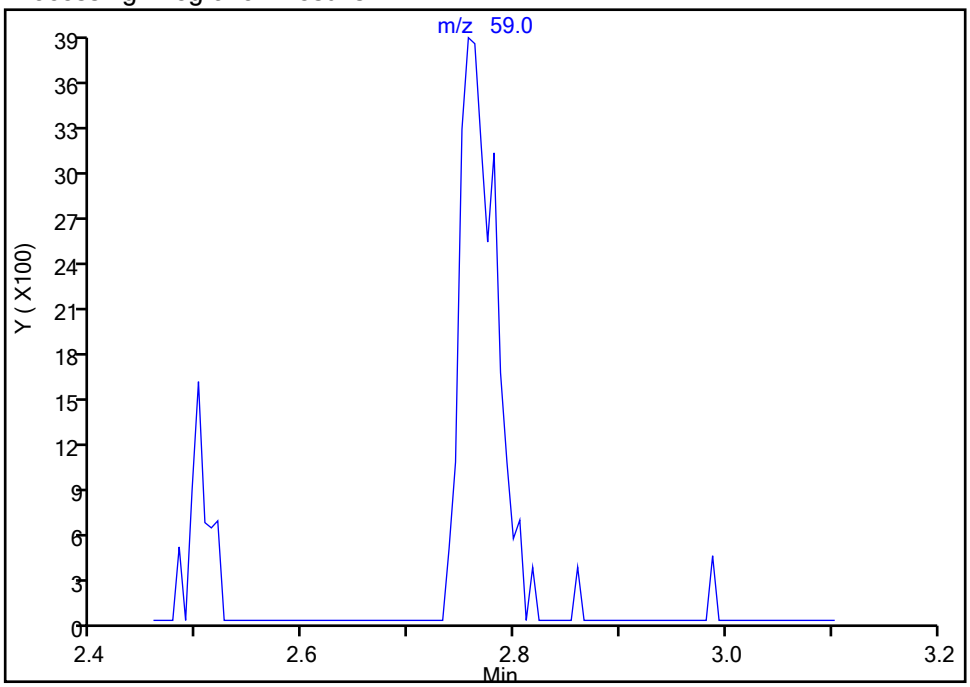
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

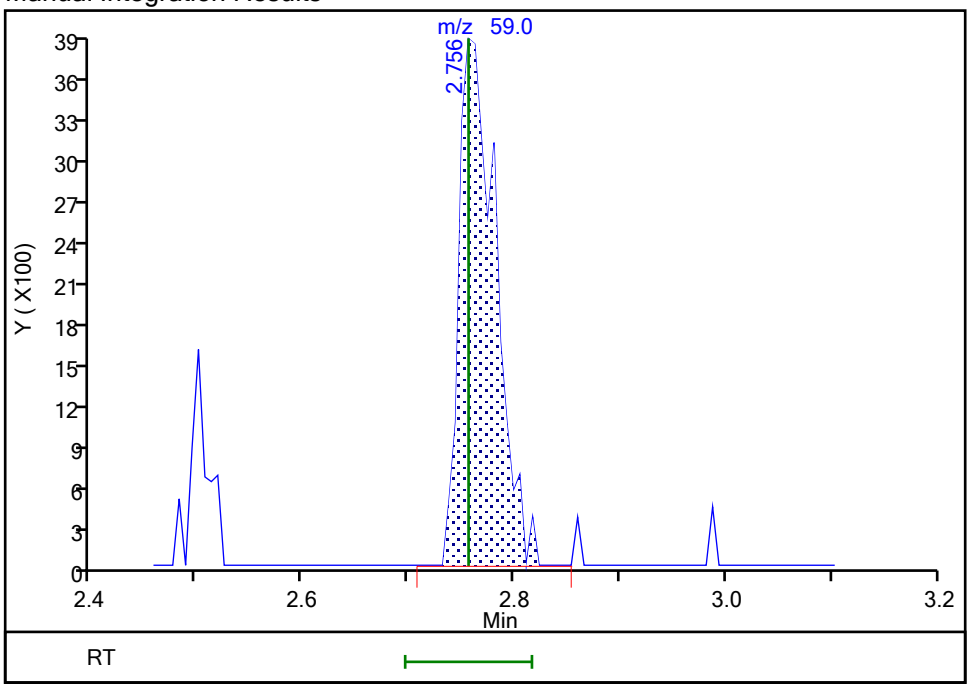
Not Detected
Expected RT: 2.76

Processing Integration Results



Manual Integration Results

RT: 2.76
Area: 9353
Amount: 10.819929
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:03:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

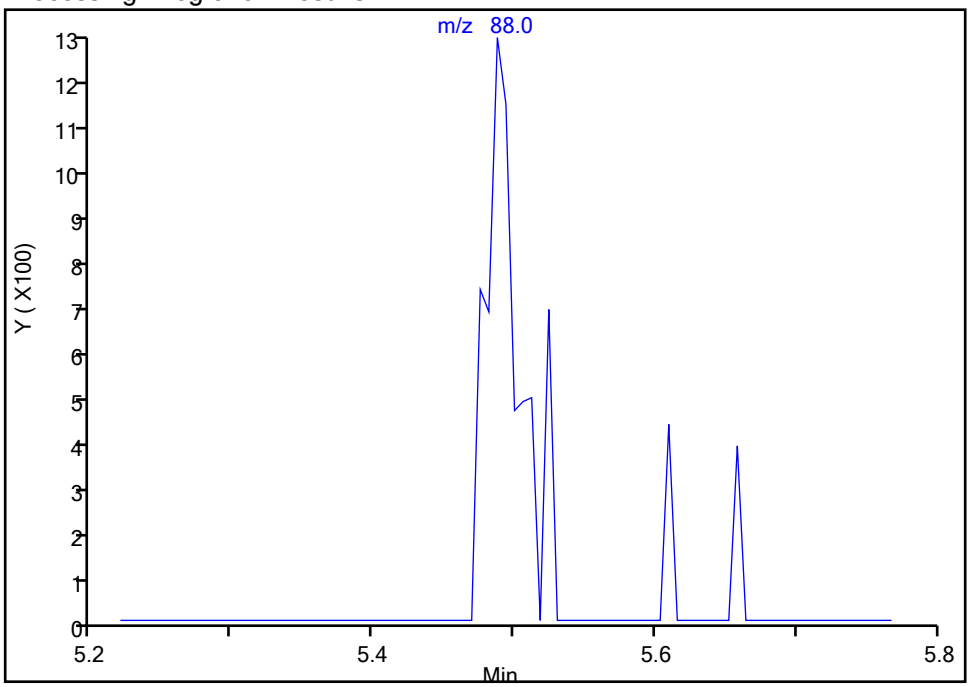
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

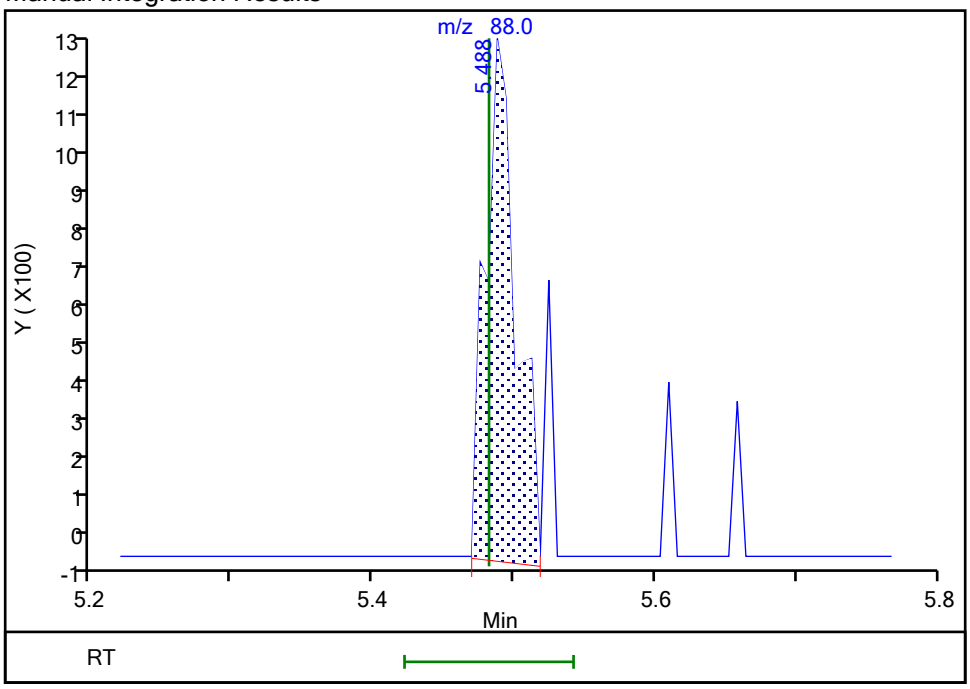
Not Detected
Expected RT: 5.48

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 1868
Amount: 22.294537
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:53:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

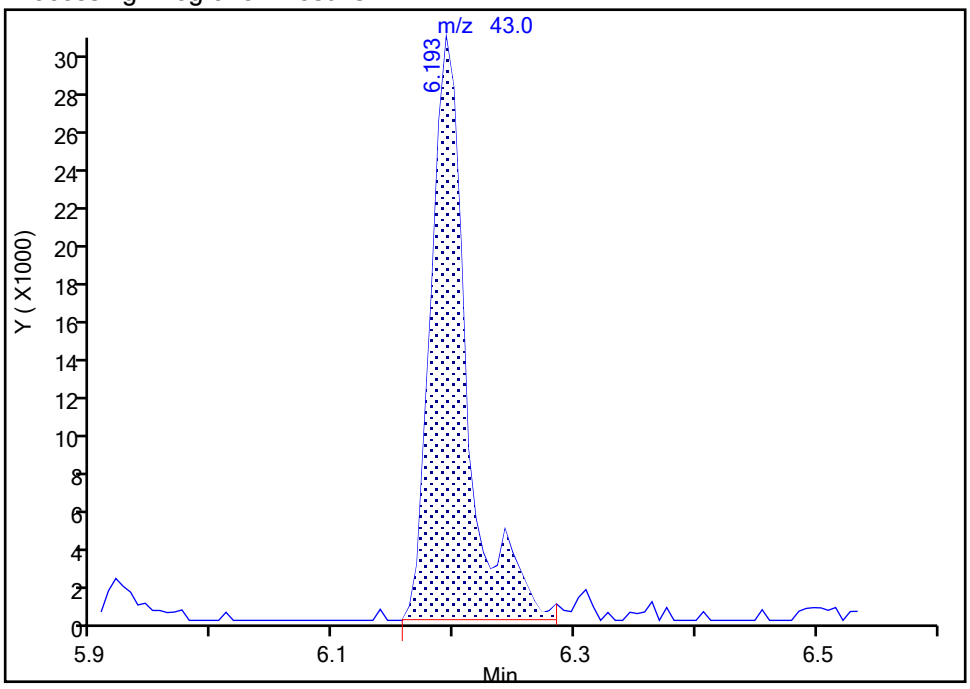
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8660.d
Injection Date: 19-Jun-2023 20:20:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

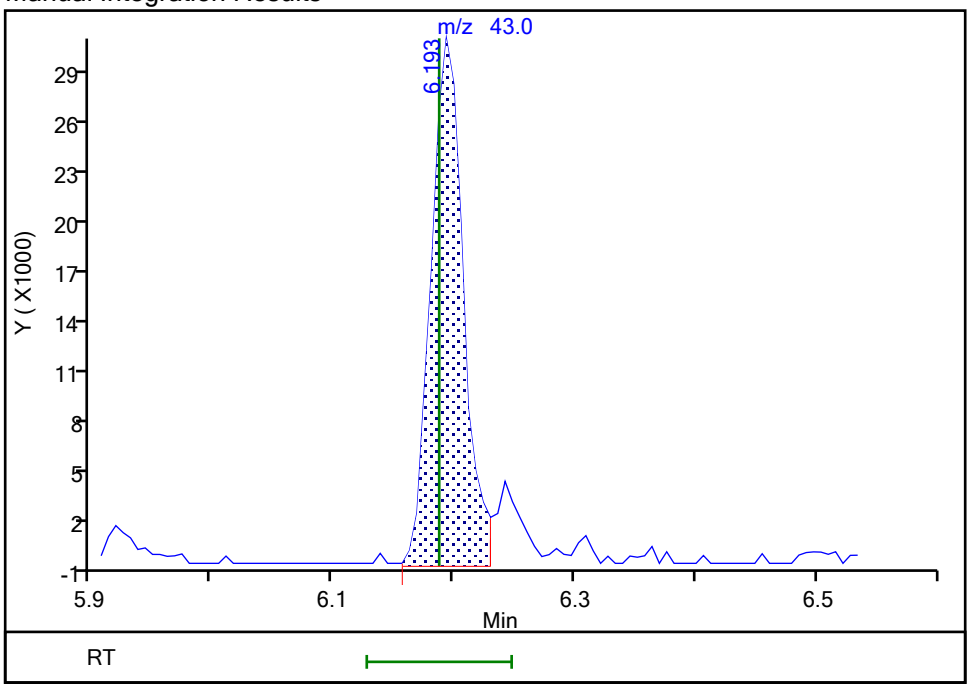
Processing Integration Results

RT: 6.19
Area: 63873
Amount: 5.383502
Amount Units: ug/L



Manual Integration Results

RT: 6.19
Area: 57620
Amount: 4.921313
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:04:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8661.d
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Jun-2023 20:43:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0112326-015
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:24 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:07:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	211623	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	85	400368	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	95	375596	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	240981	25.0	25.4	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.496	4.490	0.006	96	169336	25.0	25.8	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	91	964569	25.0	25.7	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.956	0.006	89	276065	25.0	24.9	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	74	25043	2.00	2.23	M
12 Chloromethane	50	1.126	1.132	-0.006	76	25399	2.00	2.02	
13 Vinyl chloride	62	1.193	1.193	0.000	49	22863	2.00	2.02	
151 Butadiene	54	1.217	1.217	0.000	84	22149	2.00	1.95	
14 Bromomethane	94	1.442	1.448	-0.006	68	13199	2.00	2.01	
15 Chloroethane	64	1.515	1.509	0.006	75	14475	2.00	2.11	Ma
17 Trichlorofluoromethane	101	1.692	1.686	0.006	67	26524	2.00	1.97	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	86	27799	2.00	1.92	
18 Ethyl ether	59	1.917	1.911	0.006	85	18544	2.00	2.01	Ma
20 Acrolein	56	2.075	2.075	0.000	65	6289	10.0	9.96	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	78	12384	2.00	1.80	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.117	2.112	0.005	41	12049	2.00	1.56	
23 Acetone	43	2.221	2.215	0.006	95	34105	10.0	10.3	
25 Iodomethane	142	2.270	2.270	0.000	79	25419	2.00	1.89	
26 Carbon disulfide	76	2.288	2.282	0.006	83	46534	2.00	1.77	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	80	31170	2.00	1.89	
27 Methyl acetate	43	2.501	2.495	0.006	97	43162	4.00	4.29	
30 Methylene Chloride	84	2.586	2.580	0.006	73	21902	2.00	2.03	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	77	16636	20.0	19.8	
32 Methyl tert-butyl ether	73	2.787	2.781	0.006	89	61671	2.00	2.03	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	83	17032	2.00	1.86	
33 Acrylonitrile	53	2.860	2.854	0.006	98	96577	20.0	19.9	
35 Hexane	57	2.981	2.981	0.000	88	25057	2.00	1.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	69	31233	2.00	1.86	
37 Vinyl acetate	43	3.261	3.255	0.006	97	71232	4.00	3.73	
44 2,2-Dichloropropane	77	3.699	3.693	0.006	72	14907	2.00	1.78	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	59	17600	2.00	1.75	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	98	53216	10.0	9.90	
48 Chlorobromomethane	128	3.961	3.961	0.000	83	10038	2.00	1.98	
49 Tetrahydrofuran	42	3.979	3.973	0.006	89	14555	4.00	3.87	
50 Chloroform	83	4.046	4.046	0.000	58	30540	2.00	1.92	
52 Cyclohexane	56	4.137	4.137	0.000	81	31863	2.00	1.81	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	60	20739	2.00	1.74	
55 Carbon tetrachloride	117	4.265	4.271	-0.006	66	16583	2.00	1.68	
54 1,1-Dichloropropene	75	4.283	4.289	-0.006	86	22479	2.00	1.80	
57 Benzene	78	4.490	4.484	0.006	50	70569	2.00	1.88	
53 Isobutyl alcohol	43	4.557	4.551	0.006	29	14889	50.0	45.1	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	76	27479	2.00	2.09	
59 n-Heptane	43	4.679	4.679	0.000	92	25089	2.00	1.91	
62 Trichloroethene	95	5.092	5.092	0.000	83	17148	2.00	1.89	
64 Methylcyclohexane	83	5.196	5.196	0.000	81	27577	2.00	1.81	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	80	18618	2.00	2.03	
67 Dibromomethane	93	5.463	5.464	-0.001	83	10454	2.00	1.84	
66 1,4-Dioxane	88	5.500	5.482	0.018	13	3105	40.0	46.4	
68 Dichlorobromomethane	83	5.628	5.622	0.006	86	19575	2.00	1.77	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	61	12044	2.00	2.08	
72 cis-1,3-Dichloropropene	75	6.041	6.035	0.006	75	27354	2.00	1.94	
73 4-Methyl-2-pentanone (MIBK)	43	6.193	6.188	0.005	95	114866	10.0	10.1	
74 Toluene	92	6.309	6.309	0.000	78	43876	2.00	1.87	
77 trans-1,3-Dichloropropene	75	6.613	6.601	0.012	82	23075	2.00	1.82	
75 Ethyl methacrylate	69	6.668	6.662	0.006	69	19559	2.00	1.77	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	80	14079	2.00	2.07	
81 Tetrachloroethene	166	6.832	6.826	0.006	64	15667	2.00	1.75	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	74	29025	2.00	2.02	
80 2-Hexanone	43	7.033	7.027	0.006	96	67838	10.0	9.42	
83 Chlorodibromomethane	129	7.173	7.173	0.000	52	14800	2.00	1.84	
84 Ethylene Dibromide	107	7.270	7.258	0.012	72	15016	2.00	1.86	
87 Chlorobenzene	112	7.739	7.733	0.006	89	45770	2.00	1.85	
88 Ethylbenzene	91	7.830	7.836	-0.006	90	75804	2.00	1.79	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.836	0.006	27	14137	2.00	1.76	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	95	28486	2.00	1.76	
91 o-Xylene	106	8.371	8.378	-0.007	91	29663	2.00	1.76	
92 Styrene	104	8.414	8.408	0.006	88	49343	2.00	1.79	
95 Bromoform	173	8.645	8.645	0.000	75	9307	2.00	1.82	
94 Isopropylbenzene	105	8.767	8.761	0.006	87	74891	2.00	1.80	
101 Bromobenzene	156	9.101	9.102	-0.001	91	20454	2.00	1.93	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	65	22330	2.00	1.98	
99 N-Propylbenzene	91	9.205	9.205	0.000	94	84429	2.00	1.72	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	47	6616	2.00	1.83	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.241	0.006	30	5915	2.00	1.85	
103 2-Chlorotoluene	126	9.308	9.302	0.006	93	17439	2.00	1.79	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	84	65957	2.00	1.82	
105 4-Chlorotoluene	126	9.430	9.424	0.006	90	16077	2.00	1.62	
106 tert-Butylbenzene	134	9.734	9.734	0.000	82	14770	2.00	1.89	
107 1,2,4-Trimethylbenzene	105	9.795	9.789	0.006	37	65941	2.00	1.74	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	81	79566	2.00	1.78	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	93	36915	2.00	1.82	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	94	66758	2.00	1.75	
113 1,4-Dichlorobenzene	146	10.172	10.178	-0.006	60	39980	2.00	1.90	
115 n-Butylbenzene	91	10.507	10.507	0.000	88	55460	2.00	1.70	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	88	40118	2.00	1.95	
117 1,2-Dibromo-3-Chloropropane	75	11.304	11.292	0.012	1	4131	2.00	2.00	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	82	24721	2.00	1.85	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	72	9866	2.00	1.83	
121 Naphthalene	128	12.186	12.180	0.006	93	69603	2.00	1.74	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	89	25707	2.00	1.94	
S 125 1,2-Dichloroethene, Total	1				0			3.61	
S 123 Total BTEX	1				0			9.06	
S 126 1,3-Dichloropropene, Total	1				0			3.77	
S 124 Xylenes, Total	1				0			3.52	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added:	2.00	Units: uL	
GAS CORP mix_00570	Amount Added:	2.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

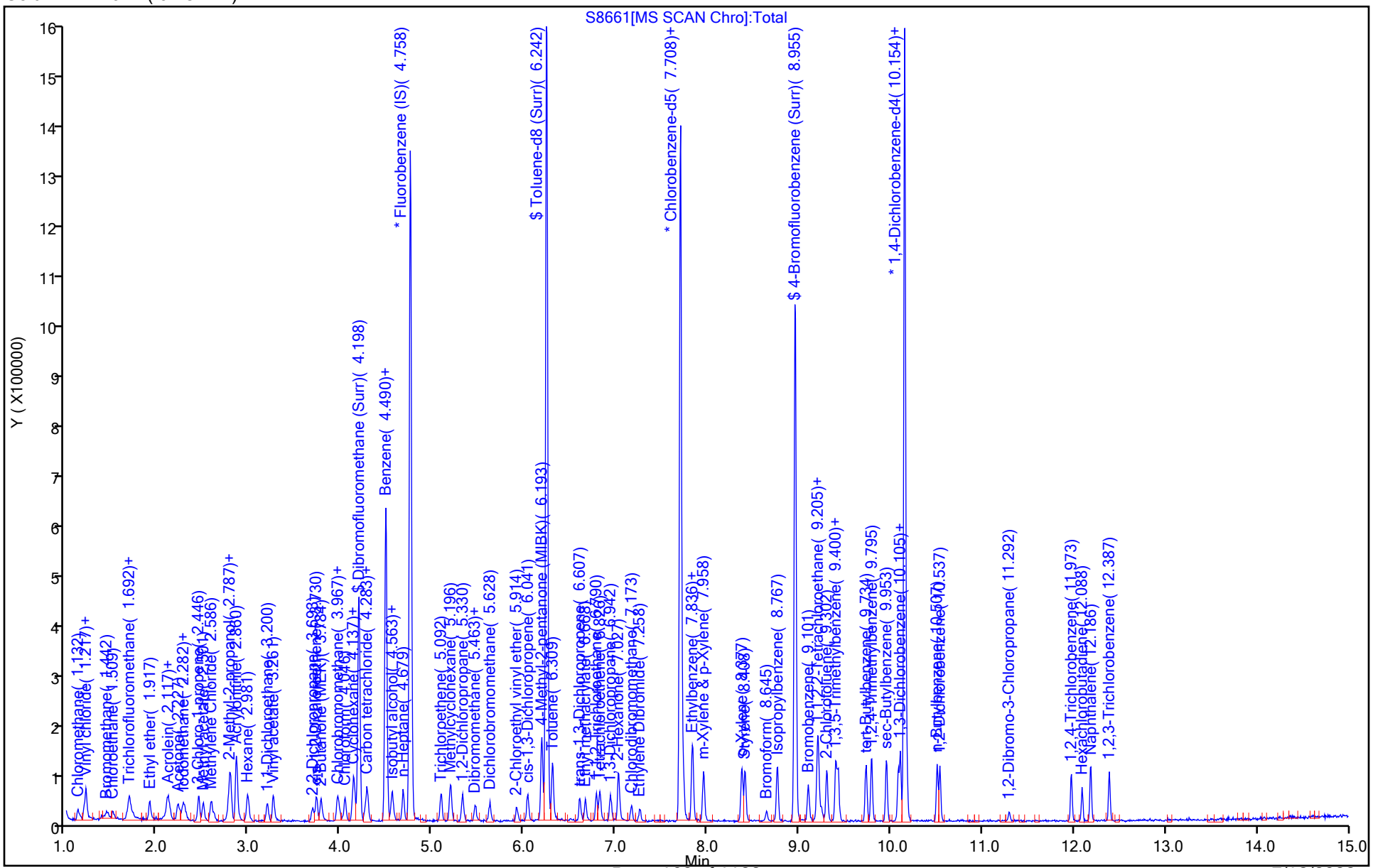
Report Date: 20-Jun-2023 12:02:25 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8661.d

Injection Date:	19-Jun-2023 20:43:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	IC 2			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo

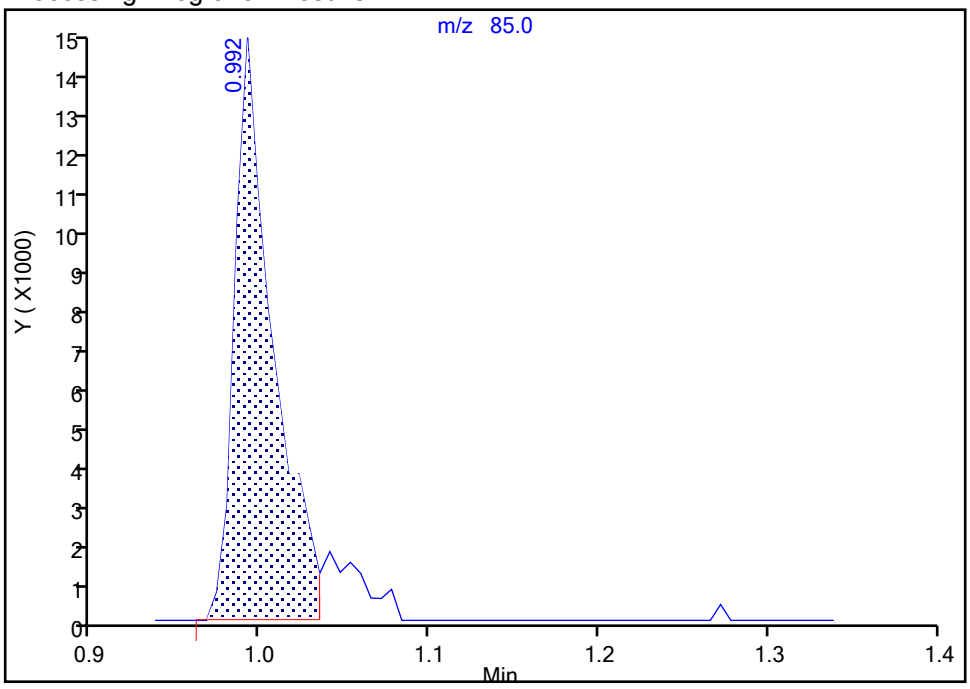
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8661.d
Injection Date: 19-Jun-2023 20:43:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: AG ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

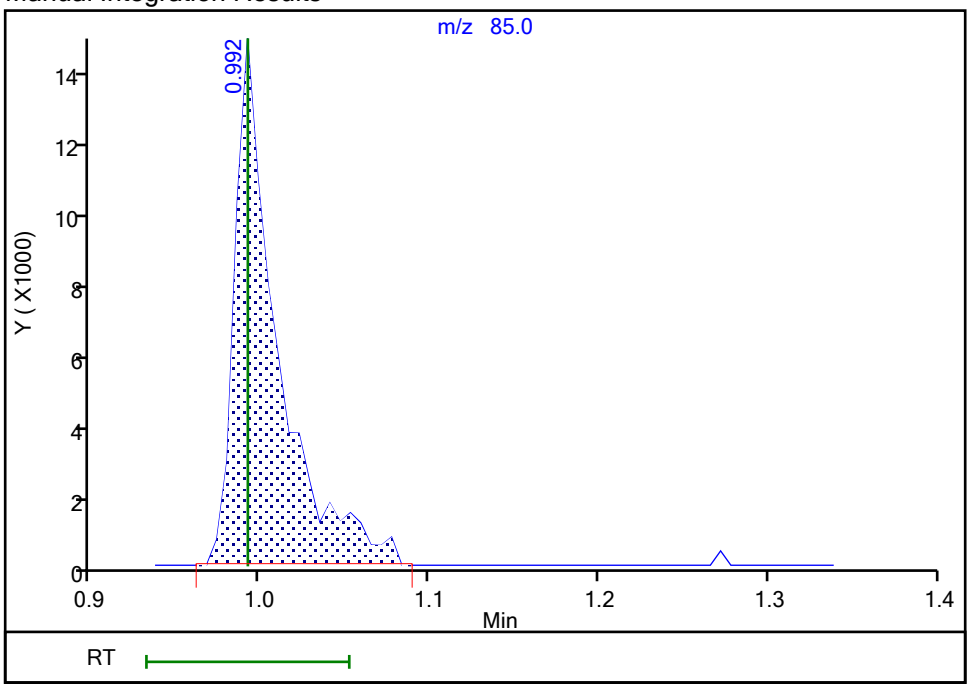
Processing Integration Results

RT: 0.99
Area: 22982
Amount: 2.111856
Amount Units: ug/L



Manual Integration Results

RT: 0.99
Area: 25043
Amount: 2.228228
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:08:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

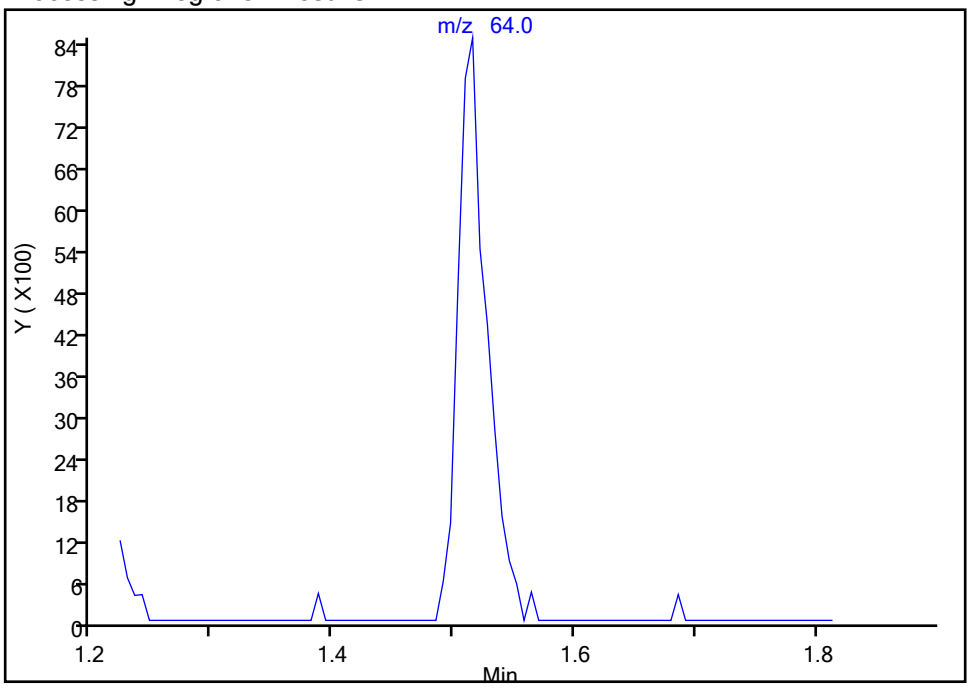
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8661.d
Injection Date: 19-Jun-2023 20:43:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: AG ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

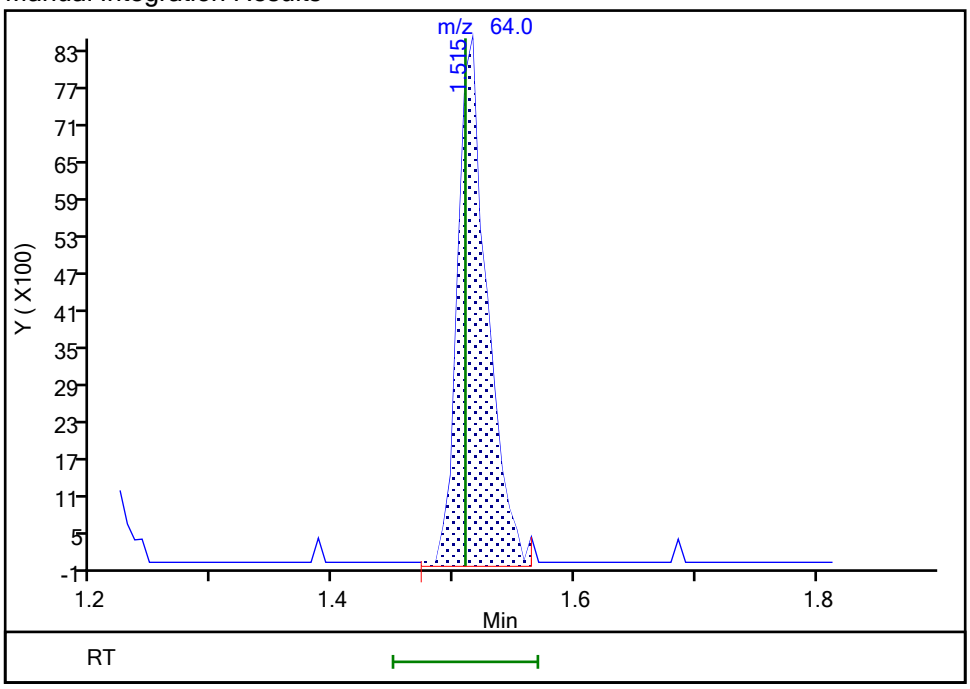
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.52
Area: 14475
Amount: 2.105985
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:05:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

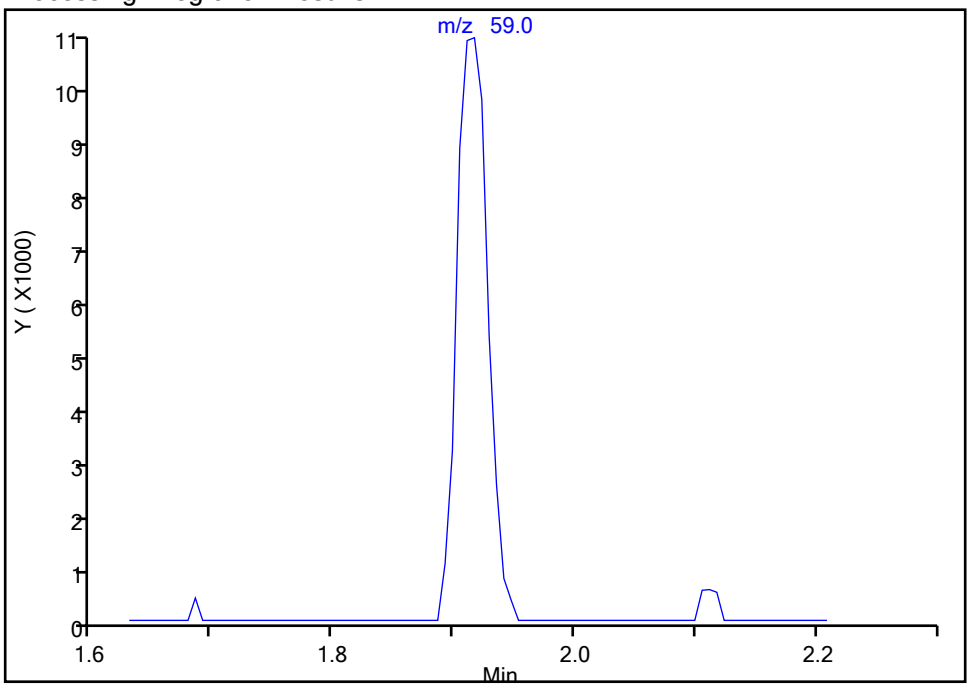
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8661.d
Injection Date: 19-Jun-2023 20:43:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: AG ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

18 Ethyl ether, CAS: 60-29-7

Signal: 1

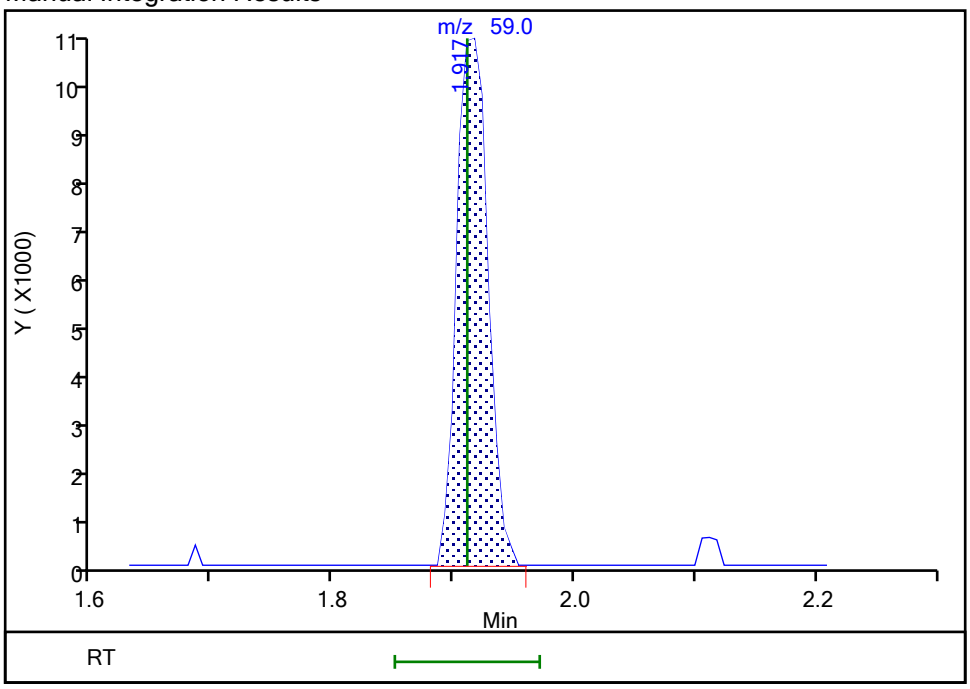
Not Detected
Expected RT: 1.91

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 18544
Amount: 2.013608
Amount Units: ug/L



Reviewer: FGO5, 20-Jun-2023 10:06:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8662.d
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Jun-2023 21:07:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0112326-016
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:29 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:07:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	99	214221	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	86	396843	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	88	369357	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.192	4.198	-0.006	56	246507	25.0	25.6	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	92	159985	25.0	24.1	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	81	933118	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.956	0.006	90	268087	25.0	24.4	
10 Dichlorodifluoromethane	85	0.986	0.992	-0.006	83	61653	5.00	5.42	
12 Chloromethane	50	1.132	1.132	0.000	93	67674	5.00	5.32	
13 Vinyl chloride	62	1.193	1.193	0.000	67	63078	5.00	5.50	
151 Butadiene	54	1.217	1.217	0.000	87	62950	5.00	5.48	
14 Bromomethane	94	1.448	1.448	0.000	86	33409	5.00	5.02	
15 Chloroethane	64	1.509	1.509	0.000	92	34961	5.00	5.02	
17 Trichlorofluoromethane	101	1.692	1.686	0.006	60	79812	5.00	5.84	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	80	76349	5.00	5.21	
18 Ethyl ether	59	1.917	1.911	0.006	87	46378	5.00	4.97	
20 Acrolein	56	2.075	2.075	0.000	67	16538	25.0	25.9	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	87	38589	5.00	5.55	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.118	2.112	0.006	72	42166	5.00	5.40	
23 Acetone	43	2.221	2.215	0.006	98	81868	25.0	24.5	
25 Iodomethane	142	2.276	2.270	0.006	66	68383	5.00	5.04	
26 Carbon disulfide	76	2.288	2.282	0.006	98	141533	5.00	5.32	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	88	86302	5.00	5.16	
27 Methyl acetate	43	2.501	2.495	0.006	95	100103	10.0	9.83	
30 Methylene Chloride	84	2.580	2.580	0.000	93	51387	5.00	5.08	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	88	41320	50.0	48.6	
32 Methyl tert-butyl ether	73	2.787	2.781	0.006	90	151237	5.00	4.92	
34 trans-1,2-Dichloroethene	96	2.793	2.799	-0.006	73	46830	5.00	5.06	
33 Acrylonitrile	53	2.860	2.854	0.006	99	245169	50.0	49.9	
35 Hexane	57	2.981	2.981	0.000	93	72892	5.00	5.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	94	87300	5.00	5.13	
37 Vinyl acetate	43	3.261	3.255	0.006	97	181453	10.0	9.40	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	86	44076	5.00	5.20	
45 cis-1,2-Dichloroethene	96	3.730	3.730	0.000	63	53310	5.00	5.22	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	95	127714	25.0	23.5	
48 Chlorobromomethane	128	3.967	3.961	0.006	88	24583	5.00	4.80	
49 Tetrahydrofuran	42	3.973	3.973	0.000	92	36105	10.0	9.49	
50 Chloroform	83	4.040	4.046	-0.006	75	83406	5.00	5.18	
52 Cyclohexane	56	4.137	4.137	0.000	92	91008	5.00	5.12	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	71	64078	5.00	5.30	
55 Carbon tetrachloride	117	4.271	4.271	0.000	89	53135	5.00	5.32	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	88	63438	5.00	5.02	
57 Benzene	78	4.484	4.484	0.000	72	192327	5.00	5.06	
53 Isobutyl alcohol	43	4.551	4.551	0.000	39	34337	125.0	102.7	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	84	65524	5.00	4.93	
59 n-Heptane	43	4.679	4.679	0.000	94	65854	5.00	4.96	
62 Trichloroethene	95	5.092	5.092	0.000	88	47914	5.00	5.22	
64 Methylcyclohexane	83	5.196	5.196	0.000	93	80553	5.00	5.21	
65 1,2-Dichloropropane	63	5.324	5.330	-0.006	90	47951	5.00	5.15	
67 Dibromomethane	93	5.464	5.464	0.000	82	29929	5.00	5.20	
66 1,4-Dioxane	88	5.488	5.482	0.006	50	4948	100.0	81.9	
68 Dichlorobromomethane	83	5.622	5.622	0.000	87	56718	5.00	5.08	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	82	27113	5.00	4.64	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	79	66018	5.00	4.63	
73 4-Methyl-2-pentanone (MIBK)	43	6.194	6.188	0.006	97	269339	25.0	23.8	
74 Toluene	92	6.309	6.309	0.000	82	118407	5.00	5.09	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	86	56697	5.00	4.52	
75 Ethyl methacrylate	69	6.668	6.662	0.006	83	50383	5.00	4.59	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	88	32834	5.00	4.86	
81 Tetrachloroethene	166	6.826	6.826	0.000	73	45578	5.00	5.13	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	90	69489	5.00	4.88	
80 2-Hexanone	43	7.027	7.027	0.000	97	162115	25.0	22.7	
83 Chlorodibromomethane	129	7.173	7.173	0.000	70	38058	5.00	4.77	
84 Ethylene Dibromide	107	7.264	7.258	0.006	90	37381	5.00	4.67	
87 Chlorobenzene	112	7.733	7.733	0.000	92	121709	5.00	4.96	
88 Ethylbenzene	91	7.836	7.836	0.000	98	205004	5.00	4.87	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.836	0.006	39	37708	5.00	4.73	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	97	78270	5.00	4.89	
91 o-Xylene	106	8.371	8.378	-0.007	96	87269	5.00	5.22	
92 Styrene	104	8.408	8.408	0.000	94	134604	5.00	4.94	
95 Bromoform	173	8.645	8.645	0.000	83	22662	5.00	4.46	
94 Isopropylbenzene	105	8.761	8.761	0.000	92	208890	5.00	5.10	
101 Bromobenzene	156	9.102	9.102	0.000	93	48909	5.00	4.69	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	65	53890	5.00	4.87	
99 N-Propylbenzene	91	9.205	9.205	0.000	99	241149	5.00	4.98	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	52	17520	5.00	4.93	
98 trans-1,4-Dichloro-2-butene	53	9.248	9.241	0.007	78	14817	5.00	4.72	
103 2-Chlorotoluene	126	9.302	9.302	0.000	91	51882	5.00	5.42	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	94	170648	5.00	4.79	
105 4-Chlorotoluene	126	9.430	9.424	0.006	94	46108	5.00	4.73	
106 tert-Butylbenzene	134	9.734	9.734	0.000	87	36030	5.00	4.69	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	95	187140	5.00	5.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	91	215473	5.00	4.91	
111 1,3-Dichlorobenzene	146	10.087	10.081	0.006	97	100569	5.00	5.04	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	95	188065	5.00	5.01	
113 1,4-Dichlorobenzene	146	10.172	10.178	-0.006	83	103181	5.00	4.99	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	161584	5.00	5.03	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	90	102810	5.00	5.09	
117 1,2-Dibromo-3-Chloropropane	75	11.298	11.292	0.006	41	10342	5.00	5.08	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	92	63475	5.00	4.83	
120 Hexachlorobutadiene	225	12.089	12.089	0.000	86	24988	5.00	4.72	
121 Naphthalene	128	12.186	12.180	0.006	96	185222	5.00	4.72	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	91	59723	5.00	4.59	
S 125 1,2-Dichloroethene, Total	1				0			10.3	
S 123 Total BTEX	1				0			25.1	
S 126 1,3-Dichloropropene, Total	1				0			9.16	
S 124 Xylenes, Total	1				0			10.1	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added:	5.00	Units: uL	
GAS CORP mix_00570	Amount Added:	5.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

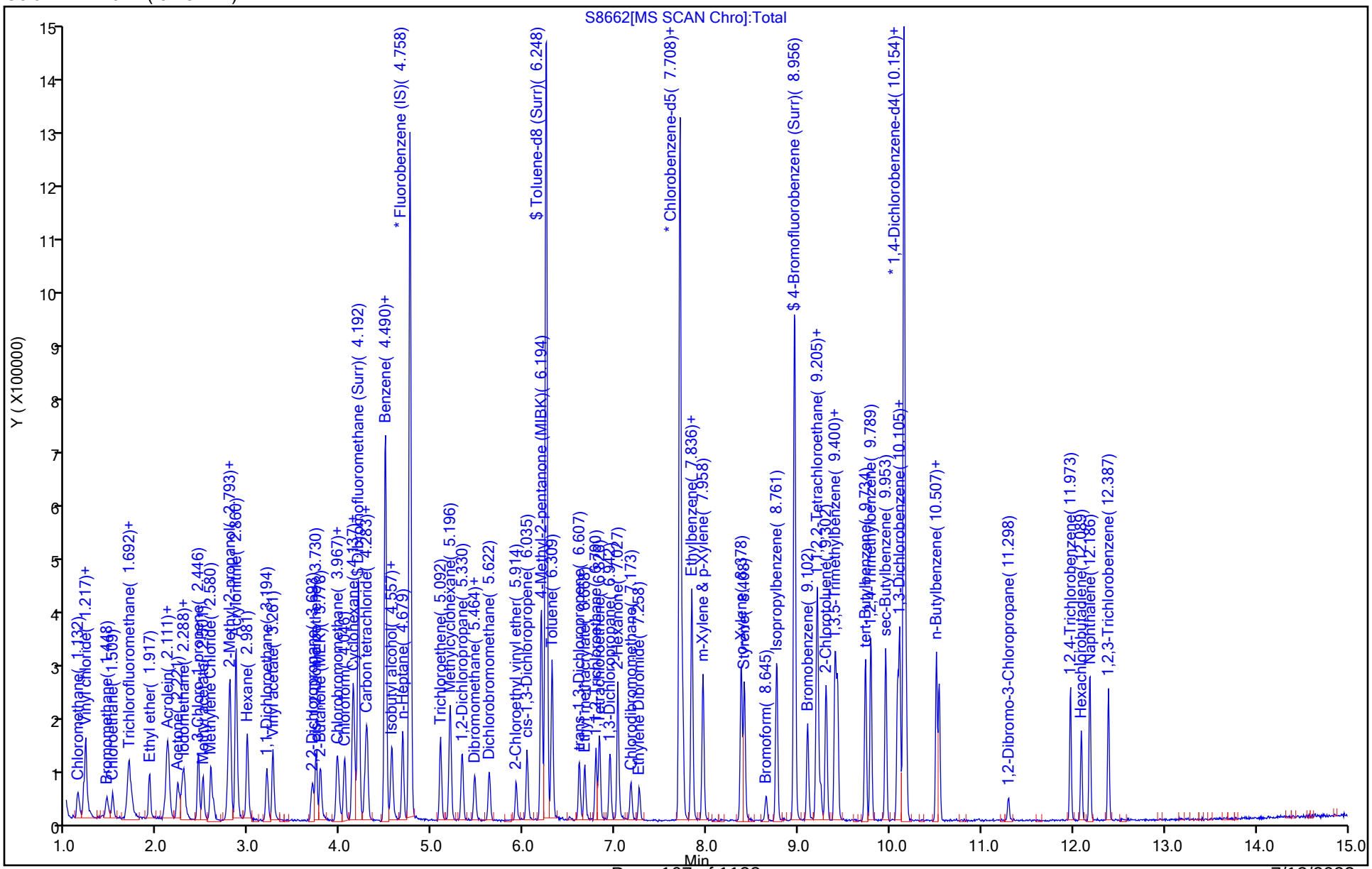
Report Date: 20-Jun-2023 12:02:30 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8662.d

Injection Date:	19-Jun-2023 21:07:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	IC 3			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8663.d
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Jun-2023 21:31:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0112326-017
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:34 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:10:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	97	218819	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	84	407727	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	87	390620	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	54	240866	25.0	24.5	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	88	172266	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	90	967164	25.0	25.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	86	293295	25.0	25.9	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	97	111163	10.0	9.57	
12 Chloromethane	50	1.126	1.132	-0.006	100	129822	10.0	10.0	
13 Vinyl chloride	62	1.199	1.193	0.006	74	117257	10.0	10.0	
151 Butadiene	54	1.217	1.217	0.000	93	115852	10.0	9.88	
14 Bromomethane	94	1.448	1.448	0.000	84	69920	10.0	10.3	
15 Chloroethane	64	1.509	1.509	0.000	94	70862	10.0	9.97	
17 Trichlorofluoromethane	101	1.679	1.686	-0.007	79	136646	10.0	9.79	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	80	148225	10.0	9.91	
18 Ethyl ether	59	1.917	1.911	0.006	93	90894	10.0	9.55	
20 Acrolein	56	2.075	2.075	0.000	74	31069	50.0	47.6	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	94	72707	10.0	10.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.117	2.112	0.005	70	78647	10.0	9.85	
23 Acetone	43	2.221	2.215	0.006	99	157200	50.0	46.0	
25 Iodomethane	142	2.270	2.270	0.000	82	139511	10.0	10.1	
26 Carbon disulfide	76	2.294	2.282	0.012	98	283133	10.0	10.4	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	88	164706	10.0	9.65	
27 Methyl acetate	43	2.495	2.495	0.000	95	198583	20.0	19.1	
30 Methylene Chloride	84	2.586	2.580	0.006	95	98359	10.0	9.76	
31 2-Methyl-2-propanol	59	2.762	2.756	0.006	73	82624	100.0	95.1	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	92	304332	10.0	9.70	
34 trans-1,2-Dichloroethene	96	2.793	2.799	-0.006	75	96677	10.0	10.2	
33 Acrylonitrile	53	2.860	2.854	0.006	97	473338	100.0	94.4	
35 Hexane	57	2.981	2.981	0.000	91	147359	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	85	170131	10.0	9.79	
37 Vinyl acetate	43	3.261	3.255	0.006	96	379278	20.0	19.2	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	86	90015	10.0	10.4	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	66	104896	10.0	10.1	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	99	272271	50.0	49.0	
48 Chlorobromomethane	128	3.961	3.961	0.000	91	51507	10.0	9.84	
49 Tetrahydrofuran	42	3.973	3.973	0.000	93	72684	20.0	18.7	
50 Chloroform	83	4.046	4.046	0.000	93	162901	10.0	9.91	
52 Cyclohexane	56	4.137	4.137	0.000	91	182745	10.0	10.1	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	71	128379	10.0	10.4	
55 Carbon tetrachloride	117	4.271	4.271	0.000	81	100336	10.0	9.83	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	89	126354	10.0	9.78	
57 Benzene	78	4.484	4.484	0.000	93	395713	10.0	10.2	
53 Isobutyl alcohol	43	4.545	4.551	-0.006	58	79027	250.0	231.3	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	83	134263	10.0	9.88	
59 n-Heptane	43	4.679	4.679	0.000	91	137524	10.0	10.1	
62 Trichloroethene	95	5.092	5.092	0.000	90	95981	10.0	10.2	
64 Methylcyclohexane	83	5.196	5.196	0.000	93	160047	10.0	10.1	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	91	96331	10.0	10.1	
67 Dibromomethane	93	5.463	5.464	-0.001	88	58956	10.0	10.0	
66 1,4-Dioxane	88	5.482	5.482	0.000	61	11087	200.0	192.8	
68 Dichlorobromomethane	83	5.622	5.622	0.000	90	108903	10.0	9.54	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	87	63349	10.0	10.6	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	83	146844	10.0	10.1	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.188	-0.001	97	584421	50.0	50.2	
74 Toluene	92	6.309	6.309	0.000	80	246795	10.0	10.3	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	91	127487	10.0	9.90	
75 Ethyl methacrylate	69	6.668	6.662	0.006	91	104535	10.0	9.27	
79 1,1,2-Trichloroethane	83	6.784	6.790	-0.006	83	69354	10.0	10.0	
81 Tetrachloroethene	166	6.826	6.826	0.000	79	96634	10.0	10.6	
82 1,3-Dichloropropane	76	6.948	6.942	0.006	90	144109	10.0	9.86	
80 2-Hexanone	43	7.027	7.027	0.000	98	362650	50.0	49.5	
83 Chlorodibromomethane	129	7.173	7.173	0.000	86	79197	10.0	9.67	
84 Ethylene Dibromide	107	7.258	7.258	0.000	96	83264	10.0	10.1	
87 Chlorobenzene	112	7.733	7.733	0.000	91	251257	10.0	9.96	
88 Ethylbenzene	91	7.836	7.836	0.000	98	424327	10.0	9.82	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	38	78417	10.0	9.57	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	177740	10.0	10.8	
91 o-Xylene	106	8.377	8.378	-0.001	97	175263	10.0	10.2	
92 Styrene	104	8.408	8.408	0.000	92	285318	10.0	10.2	
95 Bromoform	173	8.651	8.645	0.006	94	49427	10.0	9.48	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	441450	10.0	10.2	
101 Bromobenzene	156	9.101	9.102	-0.001	93	110607	10.0	10.0	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	61	116408	10.0	9.94	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	512915	10.0	10.0	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	53	37643	10.0	10.0	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	83	34311	10.0	10.3	
103 2-Chlorotoluene	126	9.302	9.302	0.000	95	106852	10.0	10.6	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	92	381751	10.0	10.1	
105 4-Chlorotoluene	126	9.424	9.424	0.000	97	109840	10.0	10.7	
106 tert-Butylbenzene	134	9.734	9.734	0.000	89	80063	10.0	9.86	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	84	383671	10.0	9.75	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	450022	10.0	9.69	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	95	208586	10.0	9.89	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	96	403361	10.0	10.2	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	91	215297	10.0	9.85	
115 n-Butylbenzene	91	10.507	10.507	0.000	94	341245	10.0	10.0	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	210251	10.0	9.84	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.292	-0.001	66	19544	10.0	9.08	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	91	132837	10.0	9.56	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	88	59120	10.0	10.6	
121 Naphthalene	128	12.186	12.180	0.006	96	400961	10.0	9.66	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	93	129208	10.0	9.39	
S 125 1,2-Dichloroethene, Total	1				0			20.3	
S 123 Total BTEX	1				0			51.3	
S 126 1,3-Dichloropropene, Total	1				0			20.0	
S 124 Xylenes, Total	1				0			21.0	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added:	5.00	Units: uL	
GAS CORP mix_00570	Amount Added:	5.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Jun-2023 12:02:35 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8663.d

Injection Date: 19-Jun-2023 21:31:30 Instrument ID: HP5973S Operator ID: AG

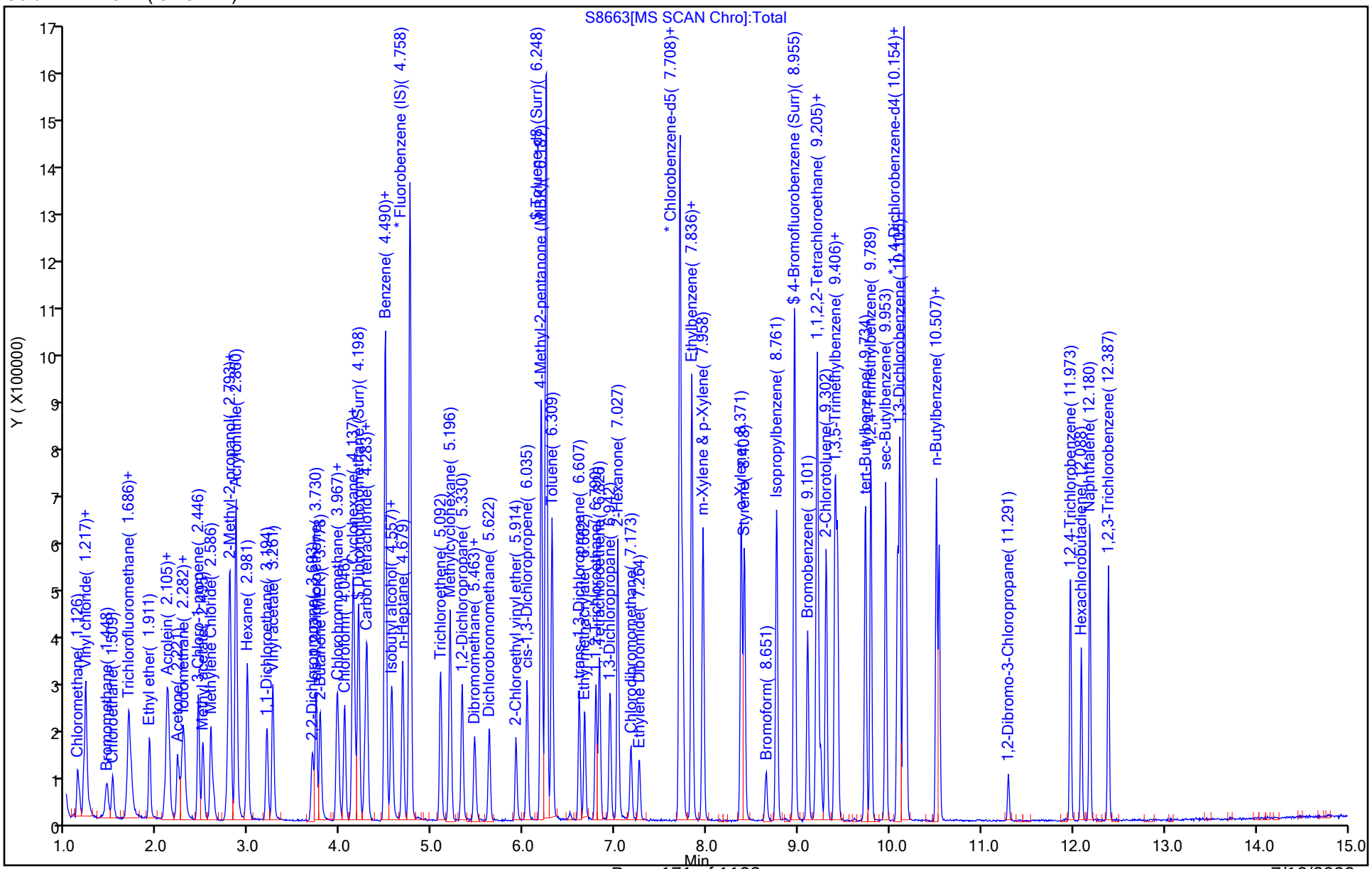
Lims ID: IC 4 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: S-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8664.d
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 19-Jun-2023 21:54:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0112326-018
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:39 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 09:55:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	215183	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	85	410396	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	71	380726	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	55	245256	25.0	25.4	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	59	168873	25.0	25.3	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	78	946166	25.0	24.6	
$ 6 4-Bromofluorobenzene (Surr)	174	8.956	8.956	0.000	86	277350	25.0	24.4	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	86	258447	25.0	22.6	
12 Chloromethane	50	1.132	1.132	0.000	81	308732	25.0	24.2	
13 Vinyl chloride	62	1.193	1.193	0.000	79	278008	25.0	24.1	
151 Butadiene	54	1.217	1.217	0.000	89	268017	25.0	23.2	
14 Bromomethane	94	1.448	1.448	0.000	91	170018	25.0	25.4	
15 Chloroethane	64	1.509	1.509	0.000	99	171573	25.0	24.5	
17 Trichlorofluoromethane	101	1.686	1.686	0.000	59	325565	25.0	23.7	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	82	375125	25.0	25.5	
18 Ethyl ether	59	1.911	1.911	0.000	93	247187	25.0	26.4	
20 Acrolein	56	2.075	2.075	0.000	91	78753	125.0	122.7	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	95	186364	25.0	26.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.112	2.112	0.000	70	209116	25.0	26.6	
23 Acetone	43	2.215	2.215	0.000	99	419429	125.0	124.9	
25 Iodomethane	142	2.270	2.270	0.000	68	352244	25.0	25.8	
26 Carbon disulfide	76	2.282	2.282	0.000	99	697092	25.0	26.1	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	90	441773	25.0	26.3	
27 Methyl acetate	43	2.495	2.495	0.000	96	510352	50.0	49.9	
30 Methylene Chloride	84	2.580	2.580	0.000	92	253016	25.0	26.0	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	85	199436	250.0	233.5	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	92	811778	25.0	26.3	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	96	245200	25.0	26.4	
33 Acrylonitrile	53	2.854	2.854	0.000	100	1265512	250.0	256.6	
35 Hexane	57	2.981	2.981	0.000	94	360761	25.0	25.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	96	451554	25.0	26.4	
37 Vinyl acetate	43	3.255	3.255	0.000	97	1011386	50.0	52.1	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	93	231281	25.0	27.1	
45 cis-1,2-Dichloroethene	96	3.730	3.730	0.000	79	279894	25.0	27.3	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	98	694582	125.0	127.1	
48 Chlorobromomethane	128	3.961	3.961	0.000	93	132790	25.0	25.8	
49 Tetrahydrofuran	42	3.973	3.973	0.000	91	189700	50.0	49.6	
50 Chloroform	83	4.046	4.046	0.000	81	413074	25.0	25.5	
52 Cyclohexane	56	4.137	4.137	0.000	91	454806	25.0	25.5	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	79	333473	25.0	27.5	
55 Carbon tetrachloride	117	4.271	4.271	0.000	77	277215	25.0	27.6	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	91	325938	25.0	25.7	
57 Benzene	78	4.484	4.484	0.000	96	1019657	25.0	26.7	
53 Isobutyl alcohol	43	4.551	4.551	0.000	48	194012	625.0	577.5	
58 1,2-Dichloroethane	62	4.557	4.557	0.000	78	340726	25.0	25.5	
59 n-Heptane	43	4.679	4.679	0.000	95	338895	25.0	25.4	
62 Trichloroethene	95	5.092	5.092	0.000	92	249747	25.0	27.1	
64 Methylcyclohexane	83	5.196	5.196	0.000	93	417310	25.0	26.9	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	94	247510	25.0	26.5	
67 Dibromomethane	93	5.464	5.464	0.000	89	158916	25.0	27.5	
66 1,4-Dioxane	88	5.482	5.482	0.000	53	23948	500.0	427.6	
68 Dichlorobromomethane	83	5.622	5.622	0.000	98	300583	25.0	26.8	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	89	159861	25.0	27.2	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	89	378639	25.0	26.5	
73 4-Methyl-2-pentanone (MIBK)	43	6.188	6.188	0.000	97	1504174	125.0	128.4	
74 Toluene	92	6.309	6.309	0.000	89	626959	25.0	26.0	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	91	328923	25.0	25.4	
75 Ethyl methacrylate	69	6.662	6.662	0.000	70	298751	25.0	26.3	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	85	171949	25.0	24.6	
81 Tetrachloroethene	166	6.826	6.826	0.000	88	237491	25.0	25.8	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	95	377364	25.0	25.6	
80 2-Hexanone	43	7.027	7.027	0.000	97	904606	125.0	122.6	
83 Chlorodibromomethane	129	7.173	7.173	0.000	88	207454	25.0	25.2	
84 Ethylene Dibromide	107	7.258	7.258	0.000	98	221545	25.0	26.8	
87 Chlorobenzene	112	7.733	7.733	0.000	93	651740	25.0	25.7	
88 Ethylbenzene	91	7.836	7.836	0.000	99	1151494	25.0	26.5	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	38	215573	25.0	26.1	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	439692	25.0	26.6	
91 o-Xylene	106	8.378	8.378	0.000	97	458485	25.0	26.5	
92 Styrene	104	8.408	8.408	0.000	93	723091	25.0	25.7	
95 Bromoform	173	8.645	8.645	0.000	93	128058	25.0	24.4	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	1169040	25.0	27.7	
101 Bromobenzene	156	9.102	9.102	0.000	93	280463	25.0	26.1	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	60	301037	25.0	26.4	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1320516	25.0	26.5	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	57	96047	25.0	26.2	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	1	81798	25.0	25.3	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	260750	25.0	26.4	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	93	995229	25.0	27.1	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	269734	25.0	26.9	
106 tert-Butylbenzene	134	9.734	9.734	0.000	89	210921	25.0	26.6	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	48	1023384	25.0	26.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1188789	25.0	26.3	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	543075	25.0	26.4	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	97	1046572	25.0	27.1	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	94	541398	25.0	25.4	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	873104	25.0	26.4	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	96	546790	25.0	26.3	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	76	53725	25.0	25.6	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	355050	25.0	26.2	
120 Hexachlorobutadiene	225	12.089	12.089	0.000	94	136268	25.0	25.0	
121 Naphthalene	128	12.180	12.180	0.000	97	1091738	25.0	27.0	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	345260	25.0	25.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added: 12.50	Units: uL	
GAS CORP mix_00570	Amount Added: 12.50	Units: uL	
S_8260_IS_00366	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added: 1.00	Units: uL	Run Reagent

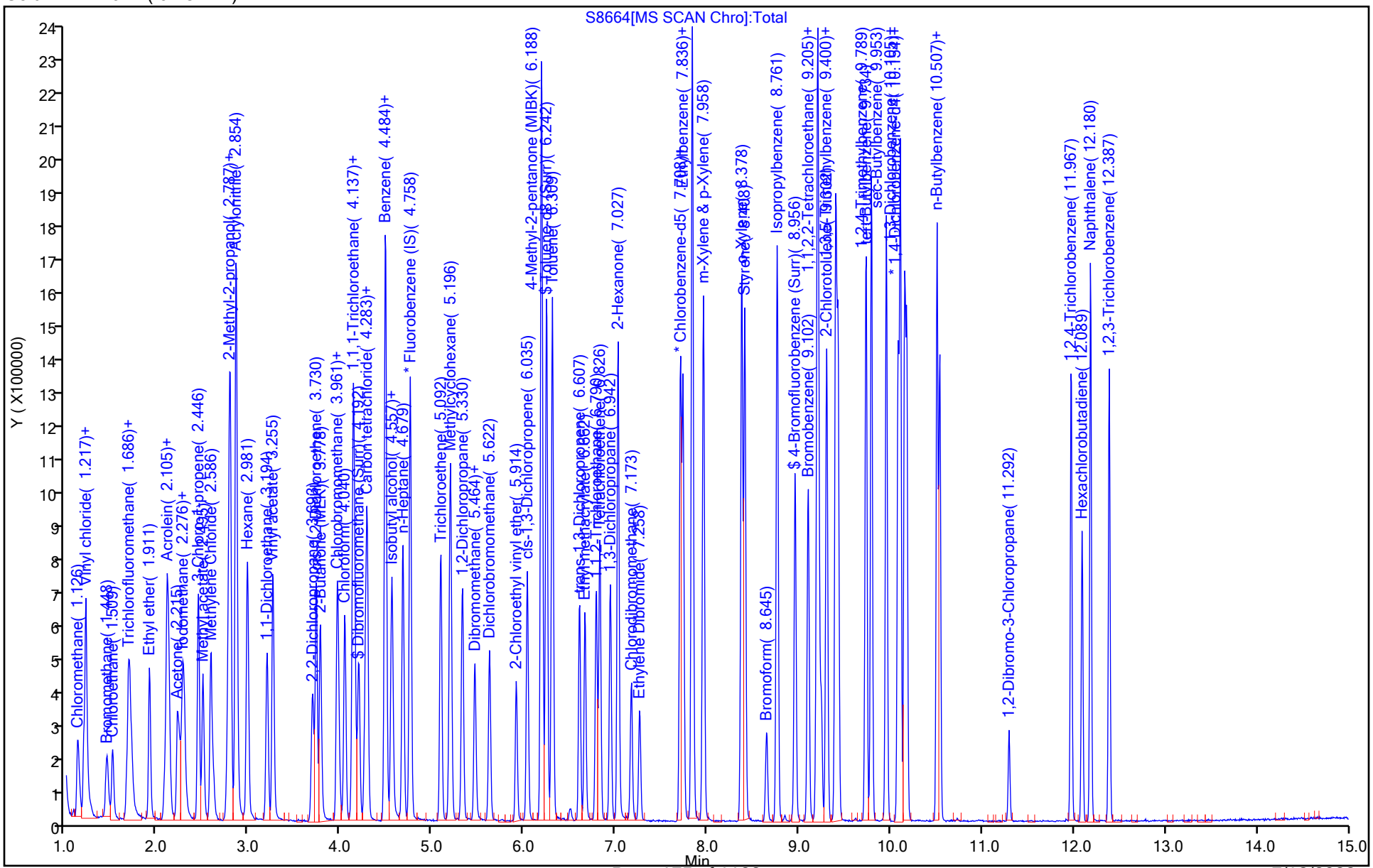
Report Date: 20-Jun-2023 12:02:40 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8664.d

Injection Date:	19-Jun-2023 21:54:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	ICIS 5			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8665.d
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Jun-2023 22:17:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0112326-019
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:44 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:12:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	224141	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	426996	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	55	396229	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	251414	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	47	169740	25.0	24.5	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	44	996648	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.956	0.006	90	295463	25.0	24.9	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	88	579352	50.0	48.7	
12 Chloromethane	50	1.132	1.132	0.000	81	631105	50.0	47.4	
13 Vinyl chloride	62	1.199	1.193	0.006	82	585268	50.0	48.8	
151 Butadiene	54	1.217	1.217	0.000	91	596475	50.0	49.7	
14 Bromomethane	94	1.448	1.448	0.000	88	343066	50.0	49.3	
15 Chloroethane	64	1.509	1.509	0.000	95	350887	50.0	48.2	
17 Trichlorofluoromethane	101	1.692	1.686	0.006	75	727533	50.0	50.9	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	97	769122	50.0	50.2	
18 Ethyl ether	59	1.911	1.911	0.000	93	482978	50.0	49.5	
20 Acrolein	56	2.075	2.075	0.000	94	160749	250.0	240.5	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	88	405529	50.0	55.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.112	-0.001	73	456521	50.0	55.8	
23 Acetone	43	2.221	2.215	0.006	100	861940	250.0	246.3	
25 Iodomethane	142	2.276	2.270	0.006	66	726709	50.0	51.1	
26 Carbon disulfide	76	2.288	2.282	0.006	98	1528900	50.0	54.9	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	89	914984	50.0	52.3	
27 Methyl acetate	43	2.495	2.495	0.000	99	1069366	100.0	100.3	
30 Methylene Chloride	84	2.586	2.580	0.006	95	510247	50.0	50.6	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	87	460367	500.0	517.4	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	92	1640582	50.0	51.1	
34 trans-1,2-Dichloroethene	96	2.793	2.799	-0.006	78	507073	50.0	52.4	
33 Acrylonitrile	53	2.860	2.854	0.006	99	2579875	500.0	502.2	
35 Hexane	57	2.981	2.981	0.000	92	808147	50.0	55.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	85	917100	50.0	51.5	
37 Vinyl acetate	43	3.261	3.255	0.006	97	2255243	100.0	111.6	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	93	478174	50.0	53.9	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	78	554478	50.0	51.9	
43 2-Butanone (MEK)	43	3.772	3.778	-0.006	98	1464867	250.0	257.3	
48 Chlorobromomethane	128	3.961	3.961	0.000	93	264747	50.0	49.4	
49 Tetrahydrofuran	42	3.973	3.973	0.000	89	397371	100.0	99.8	
50 Chloroform	83	4.046	4.046	0.000	93	863642	50.0	51.3	
52 Cyclohexane	56	4.137	4.137	0.000	93	1009524	50.0	54.3	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	81	705349	50.0	55.8	
55 Carbon tetrachloride	117	4.265	4.271	-0.006	82	597463	50.0	57.2	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	95	698206	50.0	52.8	
57 Benzene	78	4.484	4.484	0.000	97	2129089	50.0	53.6	
53 Isobutyl alcohol	43	4.551	4.551	0.000	60	488689	1250.0	1396.6	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	80	693614	50.0	49.8	
59 n-Heptane	43	4.679	4.679	0.000	93	730493	50.0	52.6	
62 Trichloroethene	95	5.092	5.092	0.000	92	524090	50.0	54.6	
64 Methylcyclohexane	83	5.196	5.196	0.000	93	903057	50.0	55.9	
65 1,2-Dichloropropane	63	5.324	5.330	-0.006	92	513056	50.0	52.7	
67 Dibromomethane	93	5.463	5.464	-0.001	90	320771	50.0	53.3	
66 1,4-Dioxane	88	5.476	5.482	-0.006	45	62125	1000.0	1084.1	
68 Dichlorobromomethane	83	5.622	5.622	0.000	90	635550	50.0	54.4	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	91	362091	50.0	59.2	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	88	819721	50.0	55.0	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.188	-0.001	97	3215615	250.0	263.8	
74 Toluene	92	6.309	6.309	0.000	89	1331534	50.0	53.1	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	96	732262	50.0	54.3	
75 Ethyl methacrylate	69	6.662	6.662	0.000	71	674610	50.0	57.1	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	85	373170	50.0	51.3	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	526040	50.0	55.0	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	94	796300	50.0	52.0	
80 2-Hexanone	43	7.027	7.027	0.000	97	2024091	250.0	263.6	
83 Chlorodibromomethane	129	7.173	7.173	0.000	89	456689	50.0	53.2	
84 Ethylene Dibromide	107	7.258	7.258	0.000	98	470515	50.0	54.6	
87 Chlorobenzene	112	7.733	7.733	0.000	93	1390341	50.0	52.6	
88 Ethylbenzene	91	7.836	7.836	0.000	99	2480260	50.0	54.8	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.836	0.006	41	468102	50.0	54.5	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	956621	50.0	55.5	
91 o-Xylene	106	8.378	8.378	0.000	97	968150	50.0	53.8	
92 Styrene	104	8.408	8.408	0.000	92	1586231	50.0	54.1	
95 Bromoform	173	8.645	8.645	0.000	96	292301	50.0	53.5	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	2507091	50.0	57.0	
101 Bromobenzene	156	9.101	9.102	-0.001	94	591603	50.0	52.9	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	61	624539	50.0	52.6	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	2882938	50.0	55.6	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	57	196828	50.0	51.6	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	92	192560	50.0	57.1	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	559441	50.0	54.5	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	93	2121972	50.0	55.5	
105 4-Chlorotoluene	126	9.430	9.424	0.006	98	571984	50.0	54.7	
106 tert-Butylbenzene	134	9.734	9.734	0.000	90	462203	50.0	56.1	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	86	2185804	50.0	54.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	2615628	50.0	55.5	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	1144426	50.0	53.5	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	98	2314089	50.0	57.5	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	96	1162963	50.0	52.4	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	1929052	50.0	56.0	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	1125887	50.0	52.0	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	82	113086	50.0	51.8	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	95	763569	50.0	54.2	
120 Hexachlorobutadiene	225	12.089	12.089	-0.001	94	313339	50.0	55.2	
121 Naphthalene	128	12.180	12.180	0.000	97	2436073	50.0	57.9	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	96	742781	50.0	53.2	
S 125 1,2-Dichloroethene, Total	1				0			104.3	
S 123 Total BTEX	1				0			270.8	
S 126 1,3-Dichloropropene, Total	1				0			109.3	
S 124 Xylenes, Total	1				0			109.3	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added:	25.00	Units: uL	
GAS CORP mix_00570	Amount Added:	25.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

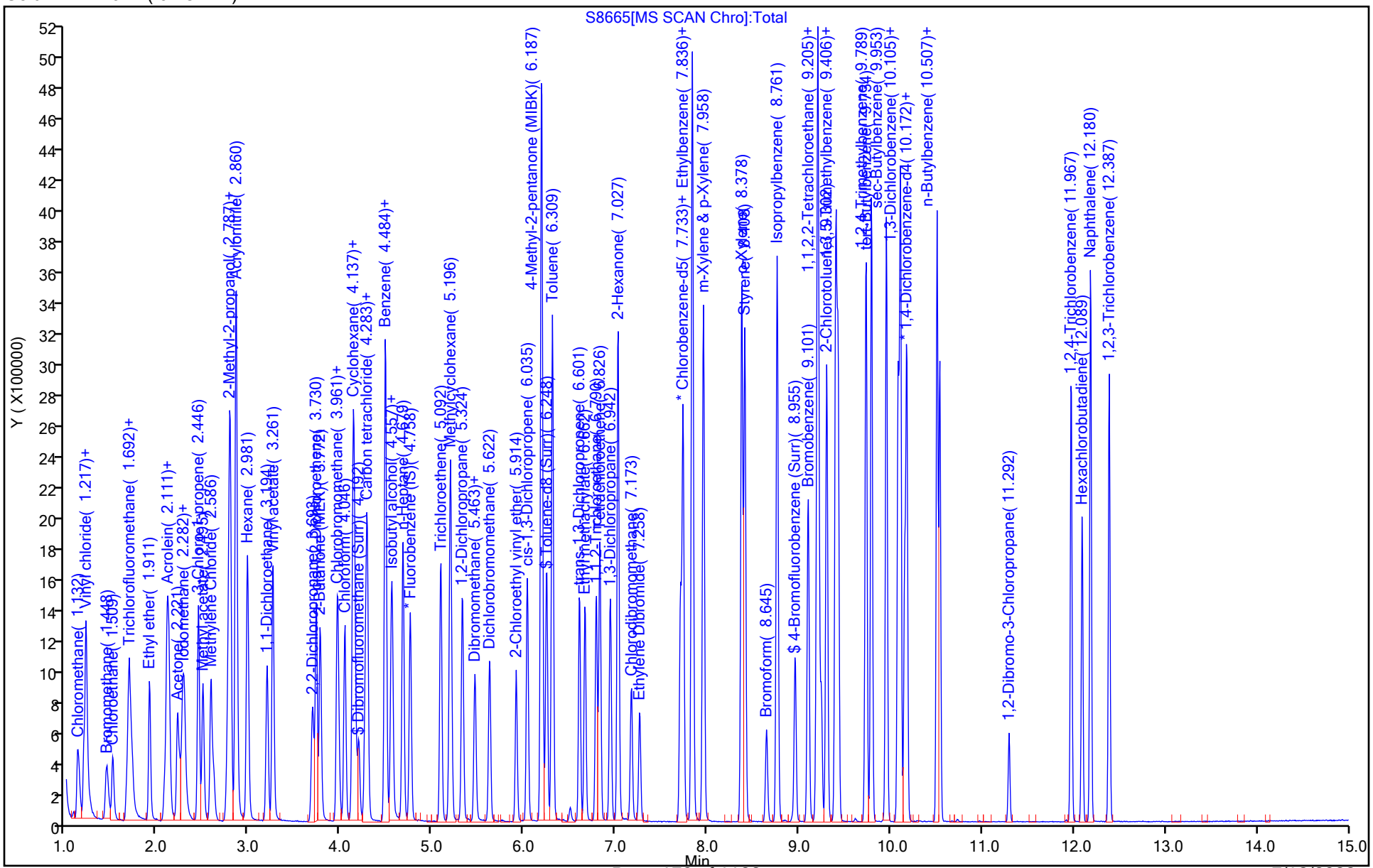
Report Date: 20-Jun-2023 12:02:45 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8665.d

Injection Date:	19-Jun-2023 22:17:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	IC 6			Worklist Smp#:	19
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8666.d
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Jun-2023 22:41:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0112326-020
Operator ID: AG Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:02:49 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 10:13:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	228498	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	438280	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	44	413921	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	55	254555	25.0	24.8	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	36	170765	25.0	24.1	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	28	1022872	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.956	0.006	93	311303	25.0	25.6	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	88	1183813	100.0	97.6	
12 Chloromethane	50	1.132	1.132	0.000	82	1261271	100.0	93.0	
13 Vinyl chloride	62	1.199	1.193	0.006	94	1223420	100.0	100.0	
151 Butadiene	54	1.223	1.217	0.006	92	1228085	100.0	100.3	
14 Bromomethane	94	1.442	1.448	-0.006	90	723922	100.0	102.0	
15 Chloroethane	64	1.509	1.509	0.000	95	722338	100.0	97.3	
17 Trichlorofluoromethane	101	1.692	1.686	0.006	61	1542513	100.0	105.9	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	81	1582751	100.0	101.3	
18 Ethyl ether	59	1.911	1.911	0.000	94	969755	100.0	97.5	
20 Acrolein	56	2.075	2.075	0.000	97	320432	500.0	470.2	
22 1,1-Dichloroethene	96	2.112	2.105	0.007	89	815313	100.0	109.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.118	2.112	0.006	83	910585	100.0	109.3	
23 Acetone	43	2.221	2.215	0.006	99	1664230	500.0	466.6	
25 Iodomethane	142	2.270	2.270	0.000	90	1439127	100.0	99.3	
26 Carbon disulfide	76	2.294	2.282	0.012	98	3038852	100.0	107.0	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	90	1814130	100.0	101.8	
27 Methyl acetate	43	2.495	2.495	0.000	96	2129244	200.0	196.0	
30 Methylene Chloride	84	2.586	2.580	0.006	94	1011652	100.0	98.6	
31 2-Methyl-2-propanol	59	2.762	2.756	0.006	72	939892	1000.0	1036.2	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	97	3315227	100.0	101.2	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	93	1011657	100.0	102.6	
33 Acrylonitrile	53	2.860	2.854	0.006	99	5234062	1000.0	999.5	
35 Hexane	57	2.981	2.981	0.000	93	1628575	100.0	109.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	97	1850765	100.0	102.0	
37 Vinyl acetate	43	3.261	3.255	0.006	97	4839525	200.0	235.0	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	92	930767	100.0	102.9	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	65	1101787	100.0	101.2	
43 2-Butanone (MEK)	43	3.772	3.778	-0.006	98	2973704	500.0	512.3	
48 Chlorobromomethane	128	3.961	3.961	0.000	92	544835	100.0	99.7	
49 Tetrahydrofuran	42	3.973	3.973	0.000	88	808822	200.0	199.3	
50 Chloroform	83	4.046	4.046	0.000	79	1745625	100.0	101.7	
52 Cyclohexane	56	4.143	4.137	0.006	92	2068186	100.0	109.1	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	77	1451896	100.0	112.6	
55 Carbon tetrachloride	117	4.271	4.271	0.000	91	1240305	100.0	116.4	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	95	1452319	100.0	107.7	
57 Benzene	78	4.484	4.484	0.000	97	4330390	100.0	106.9	
53 Isobutyl alcohol	43	4.551	4.551	0.000	61	989467	2500.0	2773.8	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	80	1393260	100.0	98.2	
59 n-Heptane	43	4.679	4.679	0.000	93	1482563	100.0	104.7	
62 Trichloroethene	95	5.092	5.092	0.000	93	1057386	100.0	108.1	
64 Methylcyclohexane	83	5.196	5.196	0.000	94	1851159	100.0	112.3	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	94	1046175	100.0	105.4	
67 Dibromomethane	93	5.464	5.464	0.000	92	638392	100.0	104.0	
66 1,4-Dioxane	88	5.476	5.482	-0.006	43	117334	2000.0	2004.9	
68 Dichlorobromomethane	83	5.622	5.622	0.000	90	1302729	100.0	109.3	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	94	722691	100.0	115.8	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	92	1712194	100.0	112.7	
73 4-Methyl-2-pentanone (MIBK)	43	6.188	6.188	0.000	97	6553240	500.0	523.8	
74 Toluene	92	6.309	6.309	0.000	91	2696903	100.0	104.9	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	92	1556082	100.0	112.4	
75 Ethyl methacrylate	69	6.668	6.662	0.006	71	1407233	100.0	116.1	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	85	764103	100.0	102.4	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	1084042	100.0	110.4	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	94	1625586	100.0	103.4	
80 2-Hexanone	43	7.027	7.027	0.000	97	4073710	500.0	516.9	
83 Chlorodibromomethane	129	7.173	7.173	0.000	90	963041	100.0	109.4	
84 Ethylene Dibromide	107	7.258	7.258	0.000	97	977755	100.0	110.6	
87 Chlorobenzene	112	7.733	7.733	0.000	92	2839379	100.0	104.7	
88 Ethylbenzene	91	7.836	7.836	0.000	98	5130656	100.0	110.5	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.836	0.006	41	965438	100.0	109.6	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	1987390	100.0	112.4	
91 o-Xylene	106	8.378	8.378	0.000	97	1979411	100.0	107.1	
92 Styrene	104	8.408	8.408	0.000	92	3327691	100.0	110.5	
95 Bromoform	173	8.645	8.645	0.000	95	628903	100.0	112.2	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	5260442	100.0	114.5	
101 Bromobenzene	156	9.102	9.102	0.000	93	1217324	100.0	104.2	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	63	1285456	100.0	103.6	
99 N-Propylbenzene	91	9.205	9.205	0.000	99	6025985	100.0	111.2	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	55	399933	100.0	100.4	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	90	403074	100.0	114.5	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	1165453	100.0	108.6	
102 1,3,5-Trimethylbenzene	105	9.406	9.400	0.006	93	4461768	100.0	111.7	
105 4-Chlorotoluene	126	9.430	9.424	0.006	98	1198907	100.0	109.8	
106 tert-Butylbenzene	134	9.734	9.734	0.000	86	964139	100.0	112.0	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	86	4558586	100.0	109.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	5612606	100.0	114.1	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	2373080	100.0	106.2	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	94	4909874	100.0	116.7	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	95	2431519	100.0	104.9	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	4064456	100.0	112.9	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	98	2365144	100.0	104.5	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	81	243695	100.0	106.8	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	94	1592271	100.0	108.1	
120 Hexachlorobutadiene	225	12.089	12.089	0.000	94	661626	100.0	111.6	
121 Naphthalene	128	12.180	12.180	0.000	97	5168705	100.0	117.5	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	1569629	100.0	107.6	
S 125 1,2-Dichloroethene, Total	1				0			203.8	
S 123 Total BTEX	1				0			541.7	
S 126 1,3-Dichloropropene, Total	1				0			225.1	
S 124 Xylenes, Total	1				0			219.6	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added:	50.00	Units: uL	
GAS CORP mix_00570	Amount Added:	50.00	Units: uL	
S_8260_IS_00366	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added:	1.00	Units: uL	Run Reagent

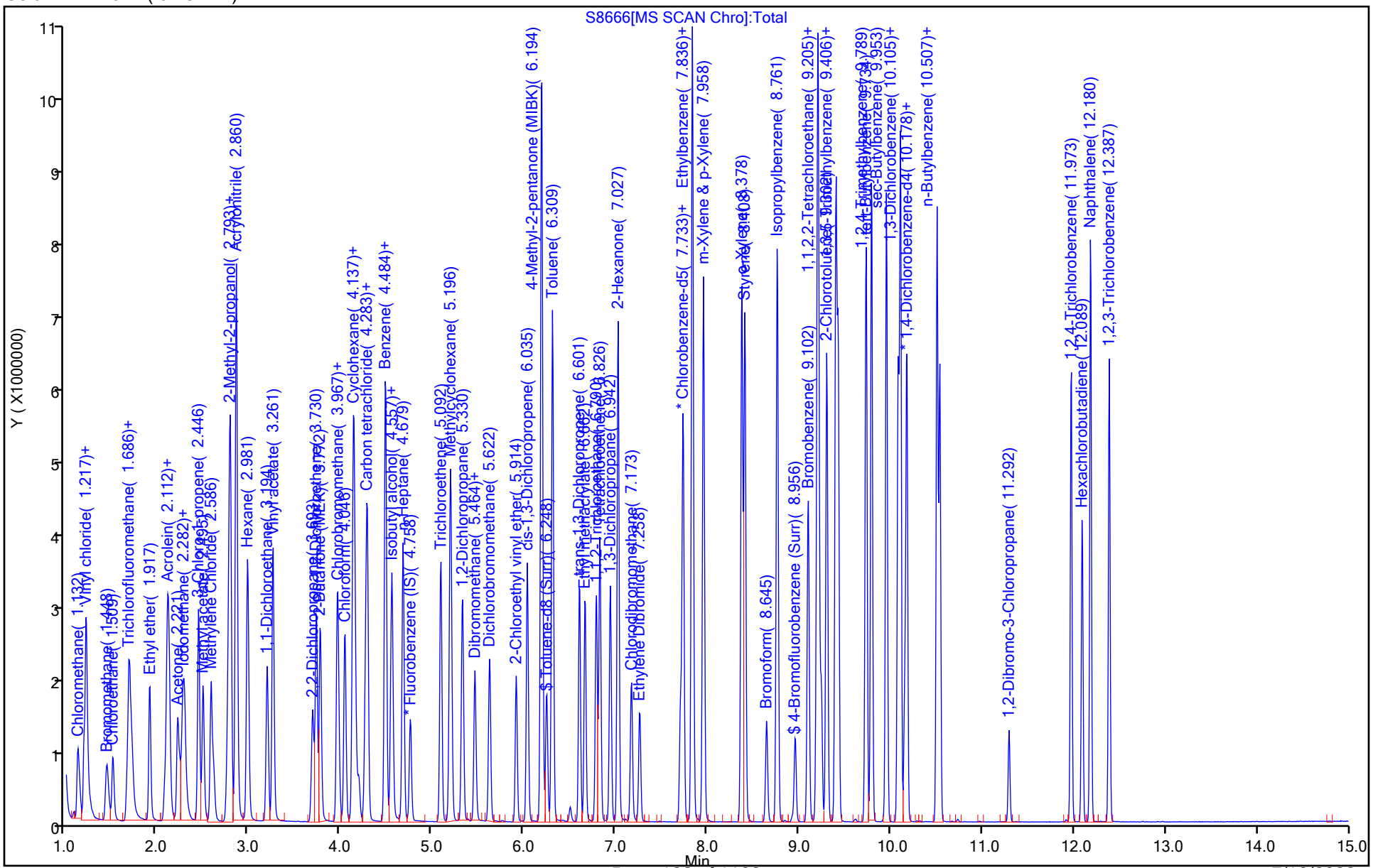
Report Date: 20-Jun-2023 12:02:50 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8666.d

Injection Date:	19-Jun-2023 22:41:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	IC 7			Worklist Smp#:	20
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Calibration / Dichlorodifluoromethane

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

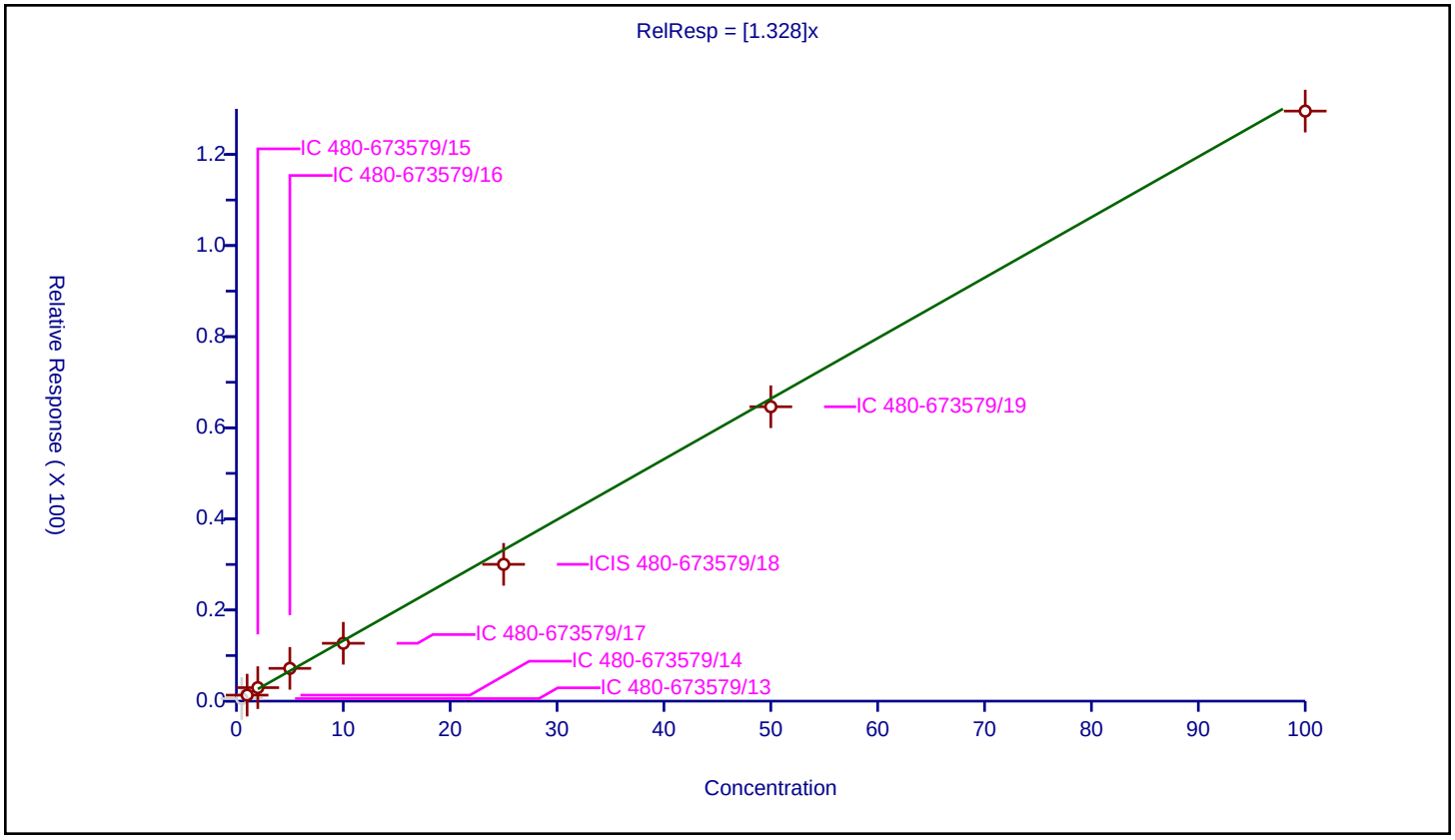
Curve Coefficients

Intercept:	0
Slope:	1.328

Error Coefficients

Standard Error:	551000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.556217	25.0	216732.0	1.112434	N
2	IC 480-673579/14	1.0	1.31707	25.0	217756.0	1.31707	Y
3	IC 480-673579/15	2.0	2.958445	25.0	211623.0	1.479222	Y
4	IC 480-673579/16	5.0	7.195023	25.0	214221.0	1.439005	Y
5	IC 480-673579/17	10.0	12.700337	25.0	218819.0	1.270034	Y
6	ICIS 480-673579/18	25.0	30.026419	25.0	215183.0	1.201057	Y
7	IC 480-673579/19	50.0	64.619146	25.0	224141.0	1.292383	Y
8	IC 480-673579/20	100.0	129.521156	25.0	228498.0	1.295212	Y



Calibration / Chloromethane

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

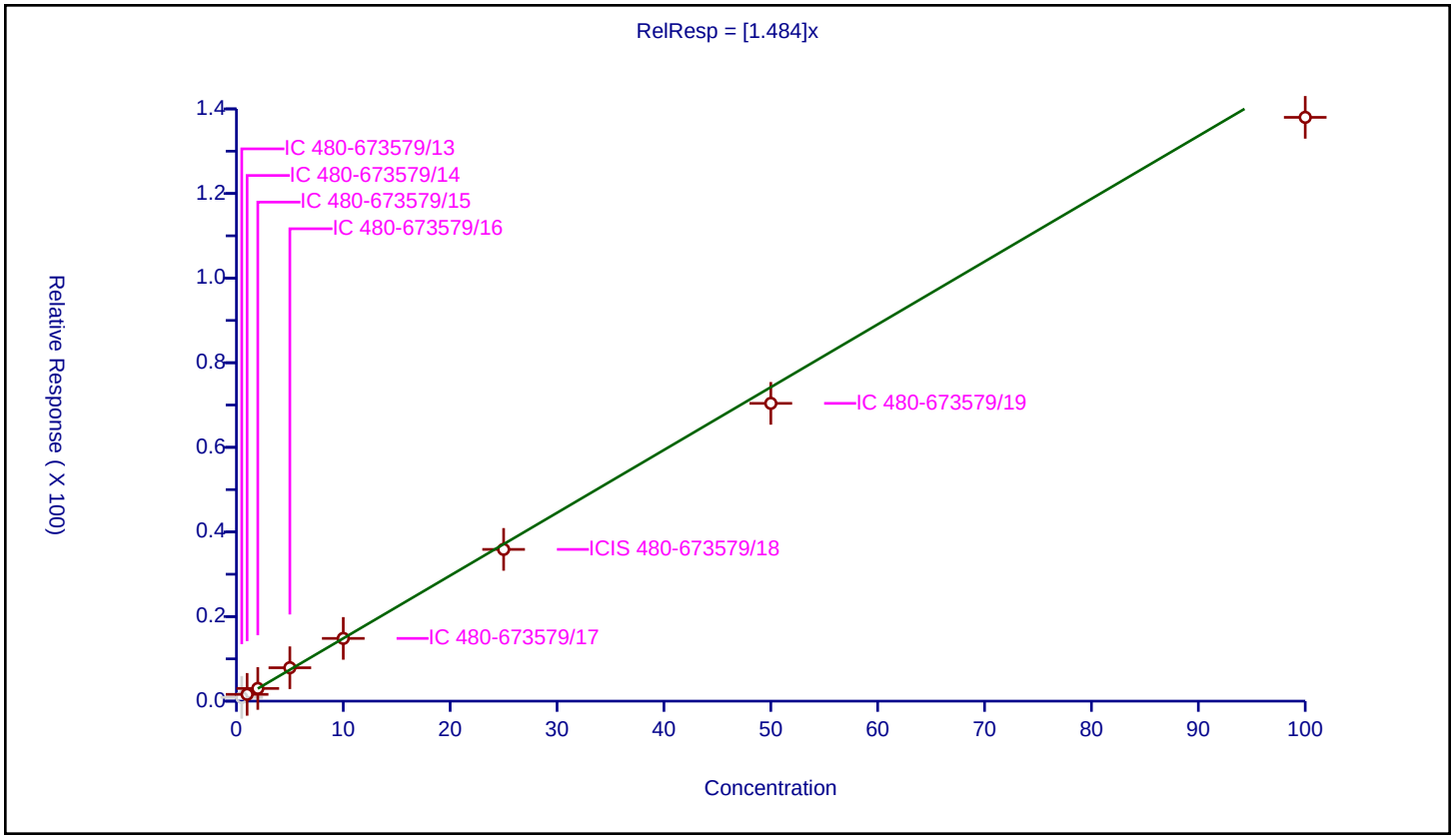
Curve Coefficients

Intercept:	0
Slope:	1.484

Error Coefficients

Standard Error:	592000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.892231	25.0	216732.0	1.784462	N
2	IC 480-673579/14	1.0	1.604433	25.0	217756.0	1.604433	Y
3	IC 480-673579/15	2.0	3.000501	25.0	211623.0	1.50025	Y
4	IC 480-673579/16	5.0	7.897685	25.0	214221.0	1.579537	Y
5	IC 480-673579/17	10.0	14.832122	25.0	218819.0	1.483212	Y
6	ICIS 480-673579/18	25.0	35.86854	25.0	215183.0	1.434742	Y
7	IC 480-673579/19	50.0	70.391517	25.0	224141.0	1.40783	Y
8	IC 480-673579/20	100.0	137.995847	25.0	228498.0	1.379958	Y



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Calibration / Vinyl chloride

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

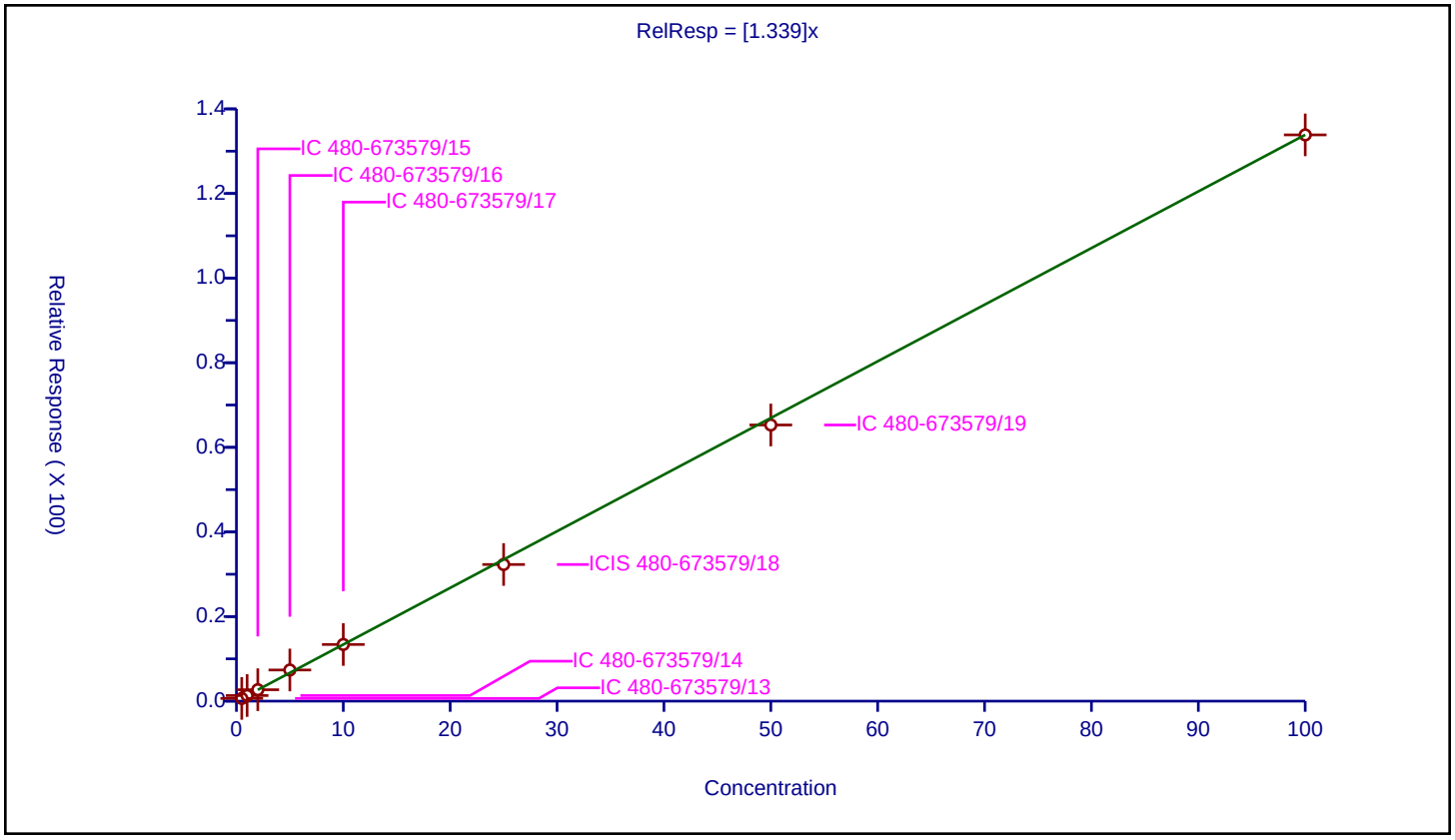
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Standard Error:	526000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.644575	25.0	216732.0	1.28915	Y
2	IC 480-673579/14	1.0	1.322237	25.0	217756.0	1.322237	Y
3	IC 480-673579/15	2.0	2.700912	25.0	211623.0	1.350456	Y
4	IC 480-673579/16	5.0	7.361323	25.0	214221.0	1.472265	Y
5	IC 480-673579/17	10.0	13.396574	25.0	218819.0	1.339657	Y
6	ICIS 480-673579/18	25.0	32.29902	25.0	215183.0	1.291961	Y
7	IC 480-673579/19	50.0	65.278998	25.0	224141.0	1.30558	Y
8	IC 480-673579/20	100.0	133.854563	25.0	228498.0	1.338546	Y



7/12/2023
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Calibration / Butadiene

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

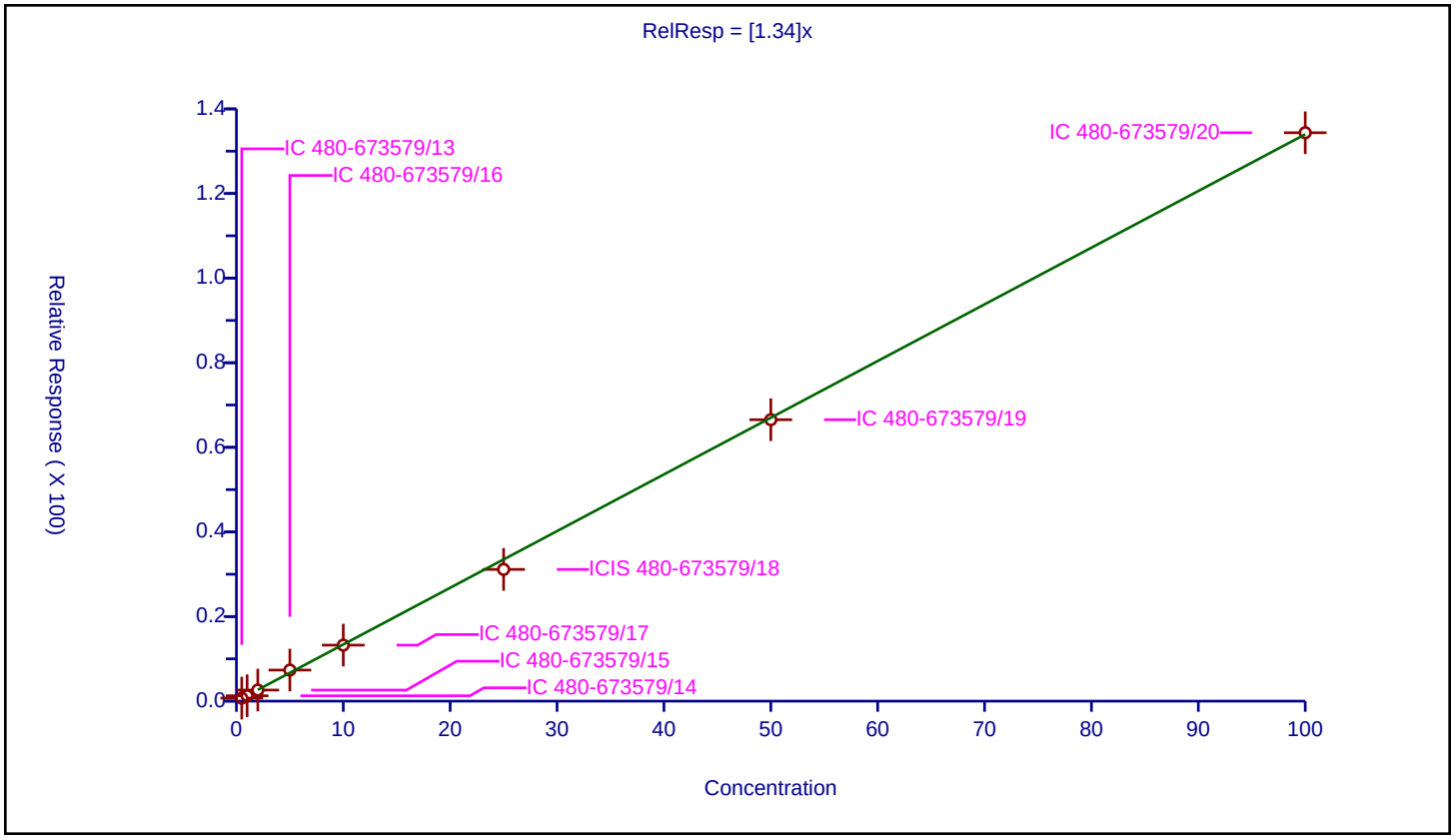
Curve Coefficients

Intercept:	0
Slope:	1.34

Error Coefficients

Standard Error:	528000
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	IC 480-673579/13	0.5	0.713439	25.0	216732.0	1.426877	Y
2	IC 480-673579/14	1.0	1.271377	25.0	217756.0	1.271377	Y
3	IC 480-673579/15	2.0	2.616563	25.0	211623.0	1.308282	Y
4	IC 480-673579/16	5.0	7.346385	25.0	214221.0	1.469277	Y
5	IC 480-673579/17	10.0	13.236054	25.0	218819.0	1.323605	Y
6	ICIS 480-673579/18	25.0	31.138264	25.0	215183.0	1.245531	Y
7	IC 480-673579/19	50.0	66.528993	25.0	224141.0	1.33058	Y
8	IC 480-673579/20	100.0	134.364962	25.0	228498.0	1.34365	Y



7/12/2023
10:47 AM

Calibration / Bromomethane

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

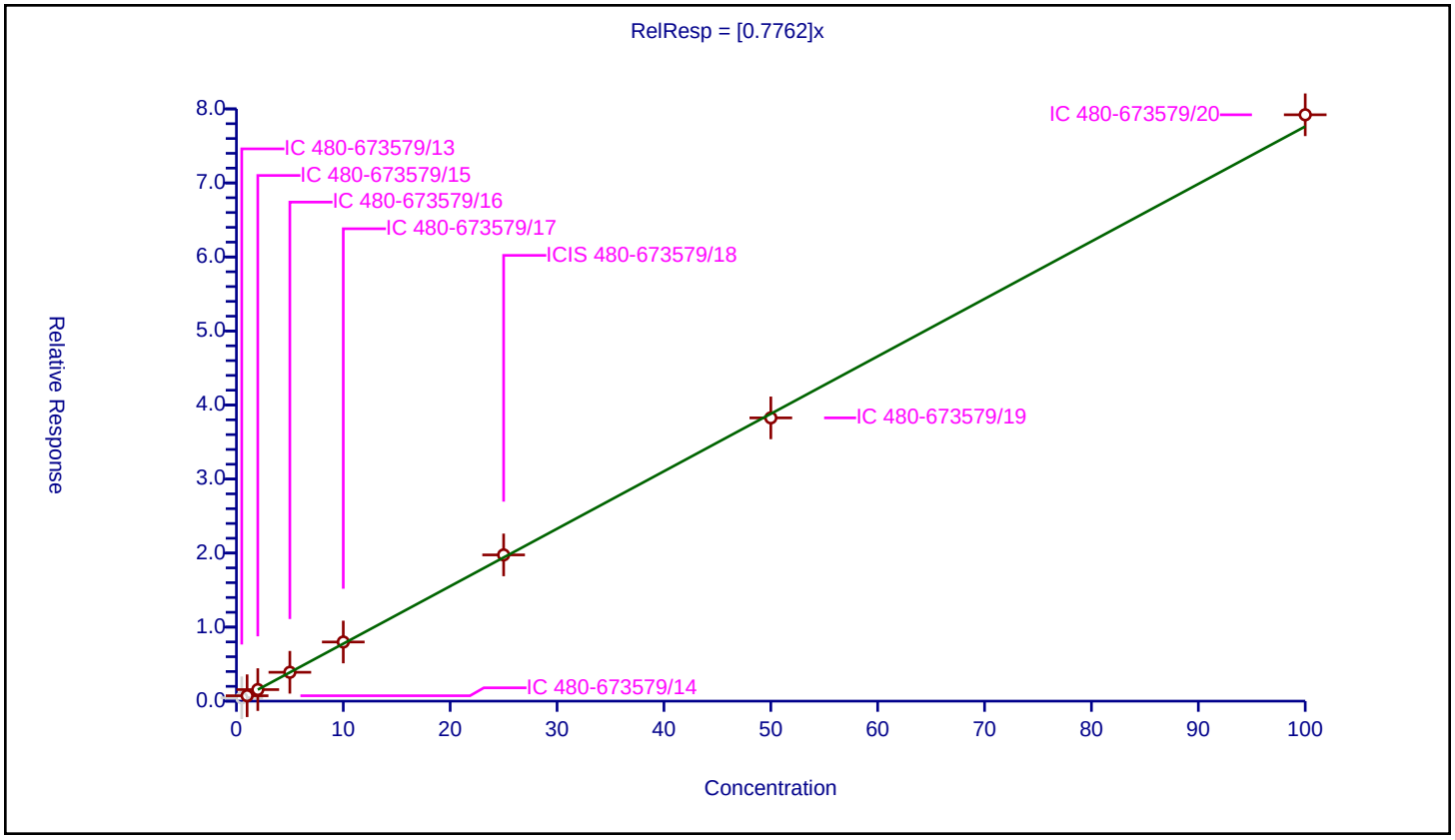
Curve Coefficients

Intercept:	0
Slope:	0.7762

Error Coefficients

Standard Error:	336000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.455286	25.0	216732.0	0.910572	N
2	IC 480-673579/14	1.0	0.727994	25.0	217756.0	0.727994	Y
3	IC 480-673579/15	2.0	1.559259	25.0	211623.0	0.779629	Y
4	IC 480-673579/16	5.0	3.898894	25.0	214221.0	0.779779	Y
5	IC 480-673579/17	10.0	7.988337	25.0	218819.0	0.798834	Y
6	ICIS 480-673579/18	25.0	19.752722	25.0	215183.0	0.790109	Y
7	IC 480-673579/19	50.0	38.26453	25.0	224141.0	0.765291	Y
8	IC 480-673579/20	100.0	79.204413	25.0	228498.0	0.792044	Y



7/12/2023
10:47 AM

Calibration / Chloroethane

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

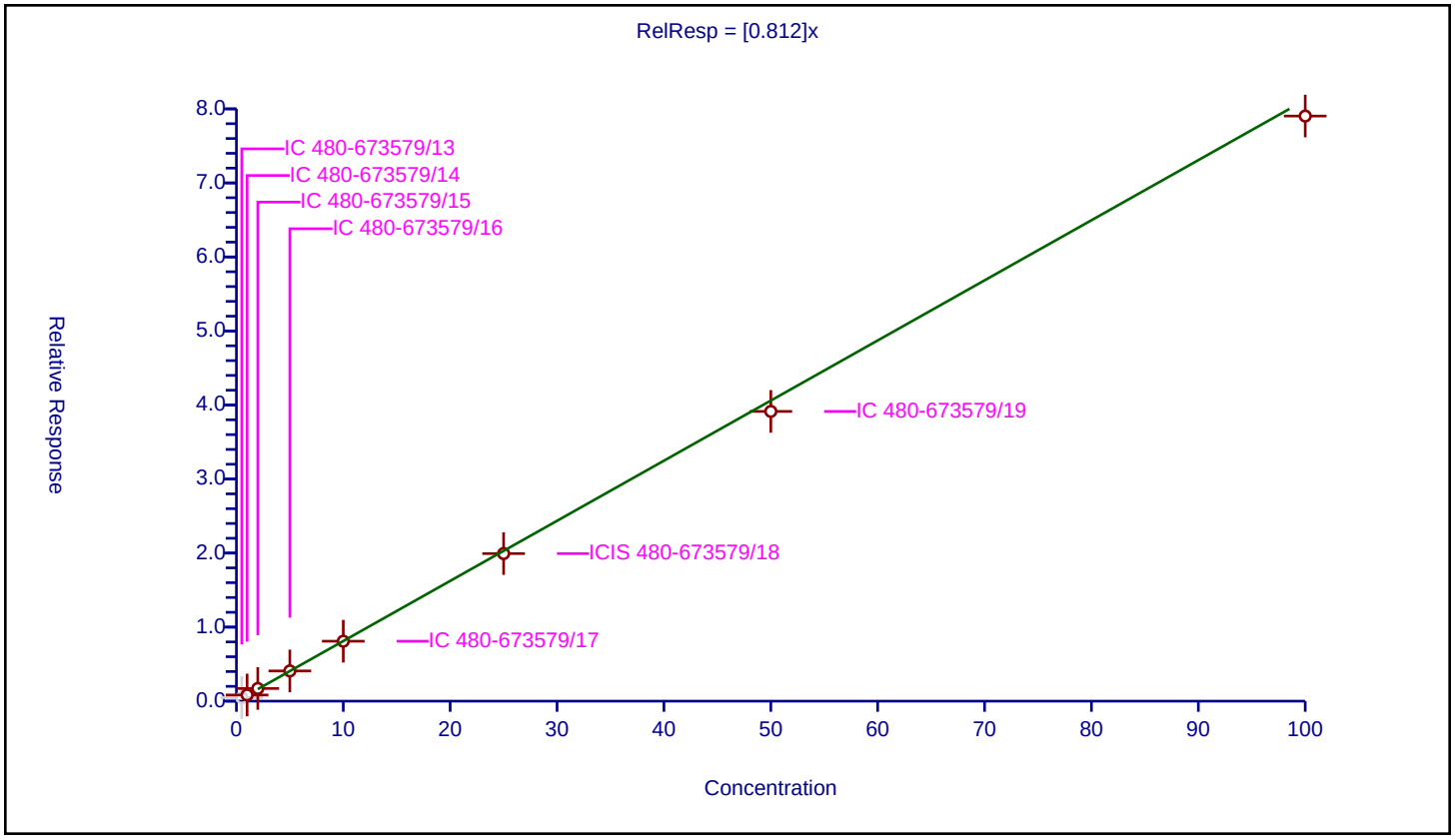
Curve Coefficients

Intercept:	0
Slope:	0.812

Error Coefficients

Standard Error:	337000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.475933	25.0	216732.0	0.951867	N
2	IC 480-673579/14	1.0	0.832813	25.0	217756.0	0.832813	Y
3	IC 480-673579/15	2.0	1.709998	25.0	211623.0	0.854999	Y
4	IC 480-673579/16	5.0	4.080015	25.0	214221.0	0.816003	Y
5	IC 480-673579/17	10.0	8.095961	25.0	218819.0	0.809596	Y
6	ICIS 480-673579/18	25.0	19.933382	25.0	215183.0	0.797335	Y
7	IC 480-673579/19	50.0	39.13686	25.0	224141.0	0.782737	Y
8	IC 480-673579/20	100.0	79.031107	25.0	228498.0	0.790311	Y



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Calibration / Trichlorofluoromethane

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

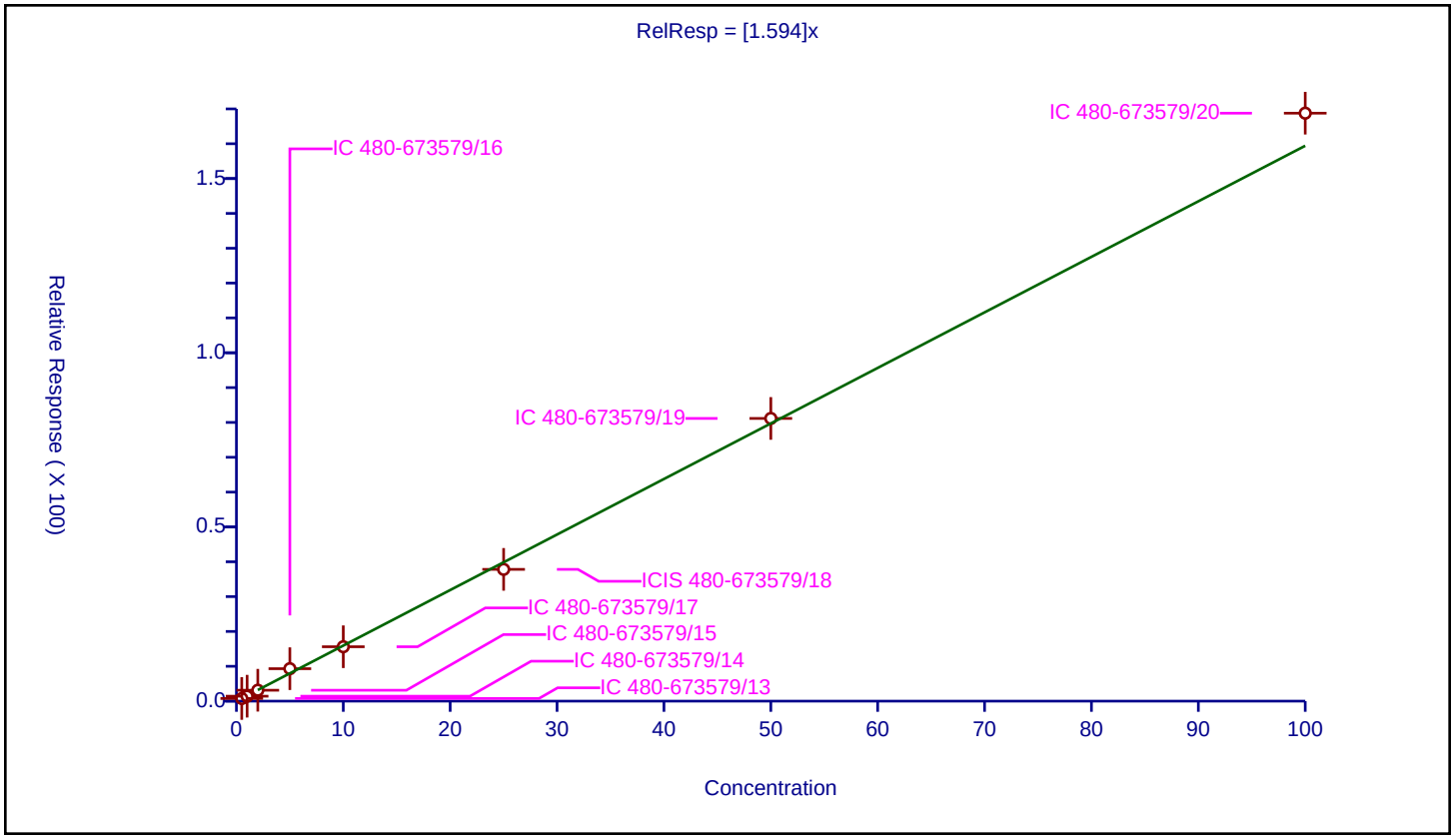
Curve Coefficients

Intercept:	0
Slope:	1.594

Error Coefficients

Standard Error:	659000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.76154	25.0	216732.0	1.523079	Y
2	IC 480-673579/14	1.0	1.415575	25.0	217756.0	1.415575	Y
3	IC 480-673579/15	2.0	3.133402	25.0	211623.0	1.566701	Y
4	IC 480-673579/16	5.0	9.314213	25.0	214221.0	1.862843	Y
5	IC 480-673579/17	10.0	15.611761	25.0	218819.0	1.561176	Y
6	ICIS 480-673579/18	25.0	37.824201	25.0	215183.0	1.512968	Y
7	IC 480-673579/19	50.0	81.1468	25.0	224141.0	1.622936	Y
8	IC 480-673579/20	100.0	168.766576	25.0	228498.0	1.687666	Y



Calibration / Dichlorofluoromethane

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

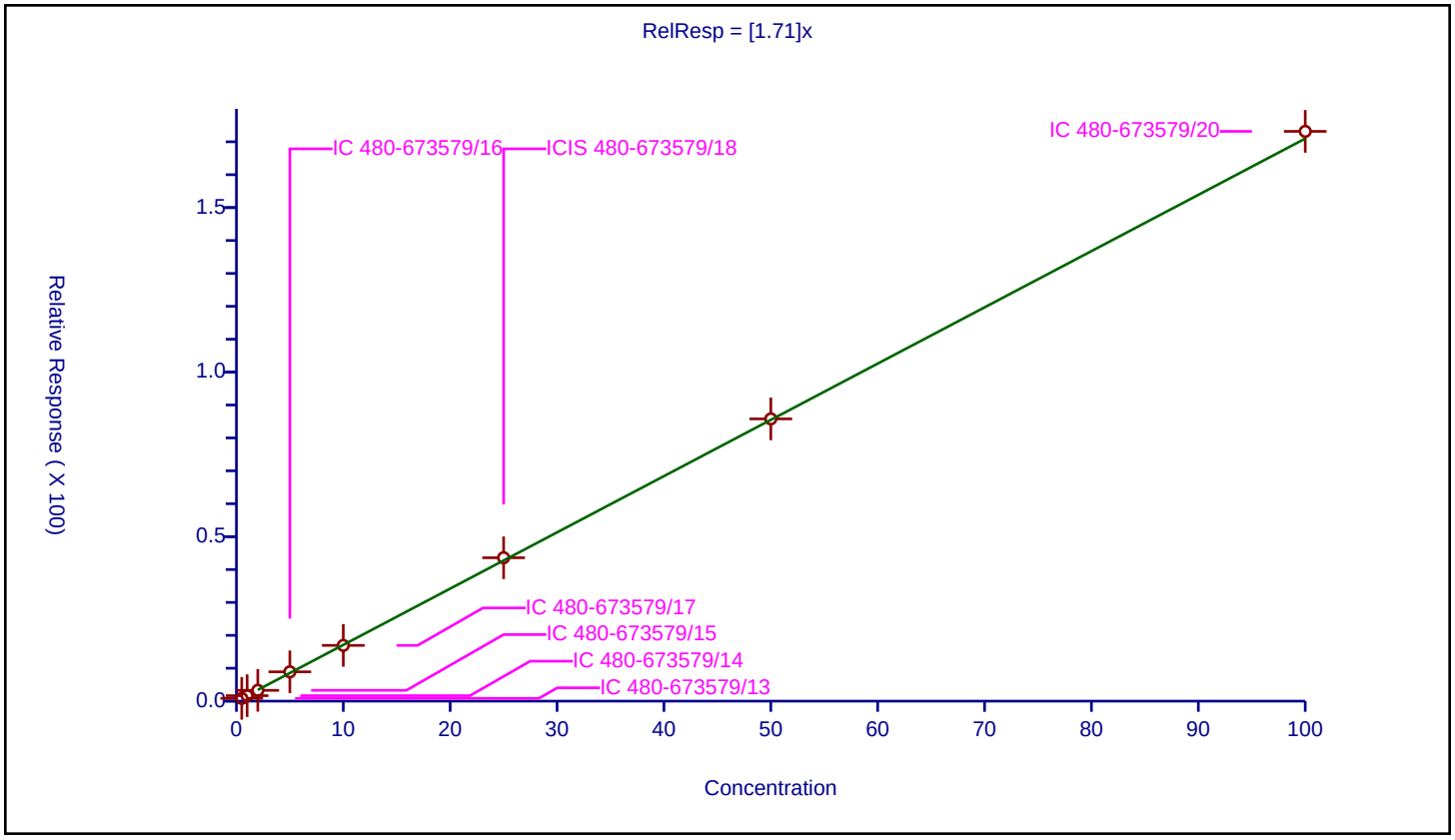
Curve Coefficients

Intercept:	0
Slope:	1.71

Error Coefficients

Standard Error:	683000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.852205	25.0	216732.0	1.704409	Y
2	IC 480-673579/14	1.0	1.665052	25.0	217756.0	1.665052	Y
3	IC 480-673579/15	2.0	3.284024	25.0	211623.0	1.642012	Y
4	IC 480-673579/16	5.0	8.910074	25.0	214221.0	1.782015	Y
5	IC 480-673579/17	10.0	16.934658	25.0	218819.0	1.693466	Y
6	ICIS 480-673579/18	25.0	43.582091	25.0	215183.0	1.743284	Y
7	IC 480-673579/19	50.0	85.78551	25.0	224141.0	1.71571	Y
8	IC 480-673579/20	100.0	173.169021	25.0	228498.0	1.73169	Y



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Calibration / Ethyl ether

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

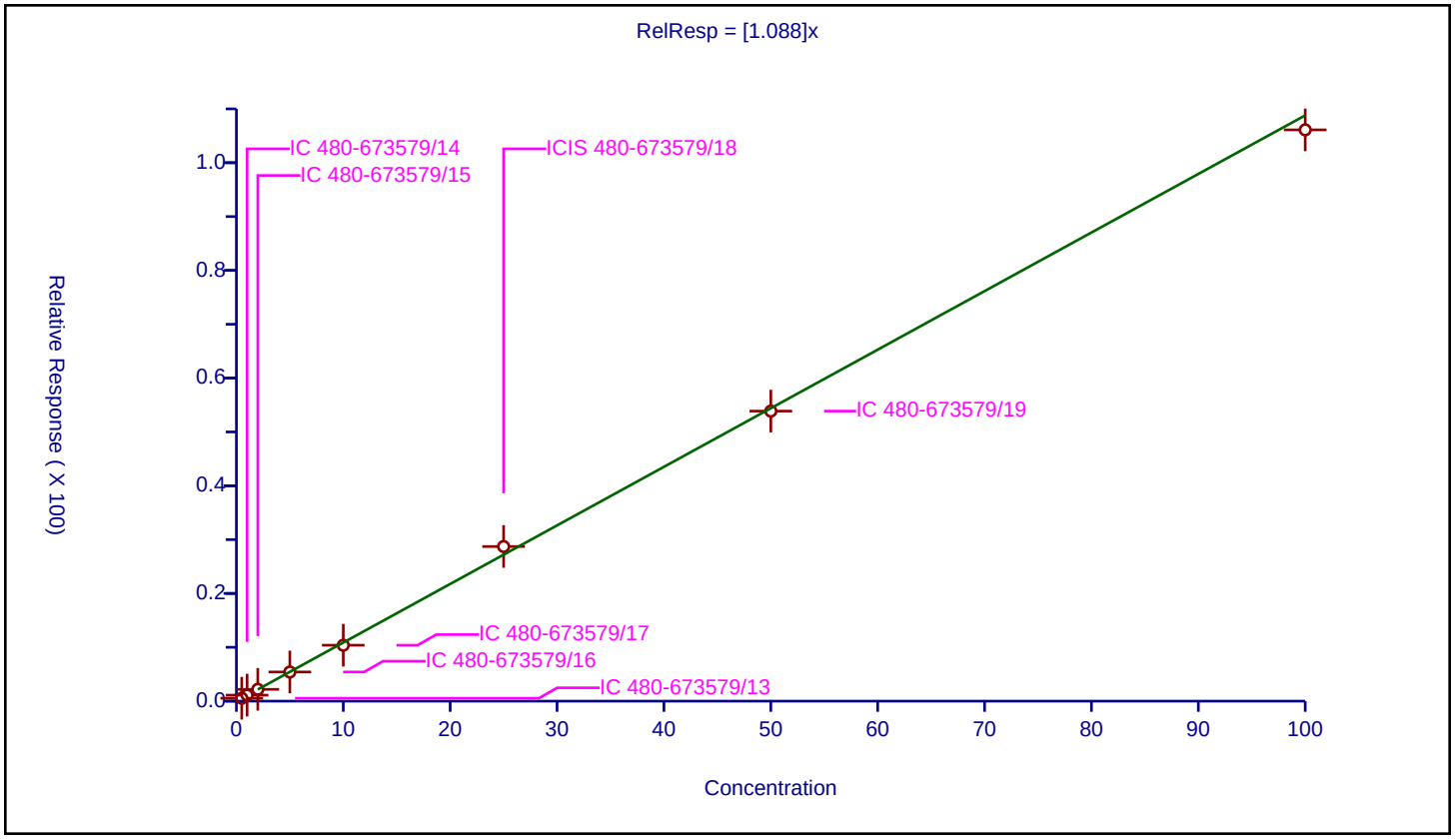
Curve Coefficients

Intercept:	0
Slope:	1.088

Error Coefficients

Standard Error:	422000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.542952	25.0	216732.0	1.085903	Y
2	IC 480-673579/14	1.0	1.114206	25.0	217756.0	1.114206	Y
3	IC 480-673579/15	2.0	2.190688	25.0	211623.0	1.095344	Y
4	IC 480-673579/16	5.0	5.412401	25.0	214221.0	1.08248	Y
5	IC 480-673579/17	10.0	10.38461	25.0	218819.0	1.038461	Y
6	ICIS 480-673579/18	25.0	28.718231	25.0	215183.0	1.148729	Y
7	IC 480-673579/19	50.0	53.869885	25.0	224141.0	1.077398	Y
8	IC 480-673579/20	100.0	106.101038	25.0	228498.0	1.06101	Y



Calibration / Acrolein

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

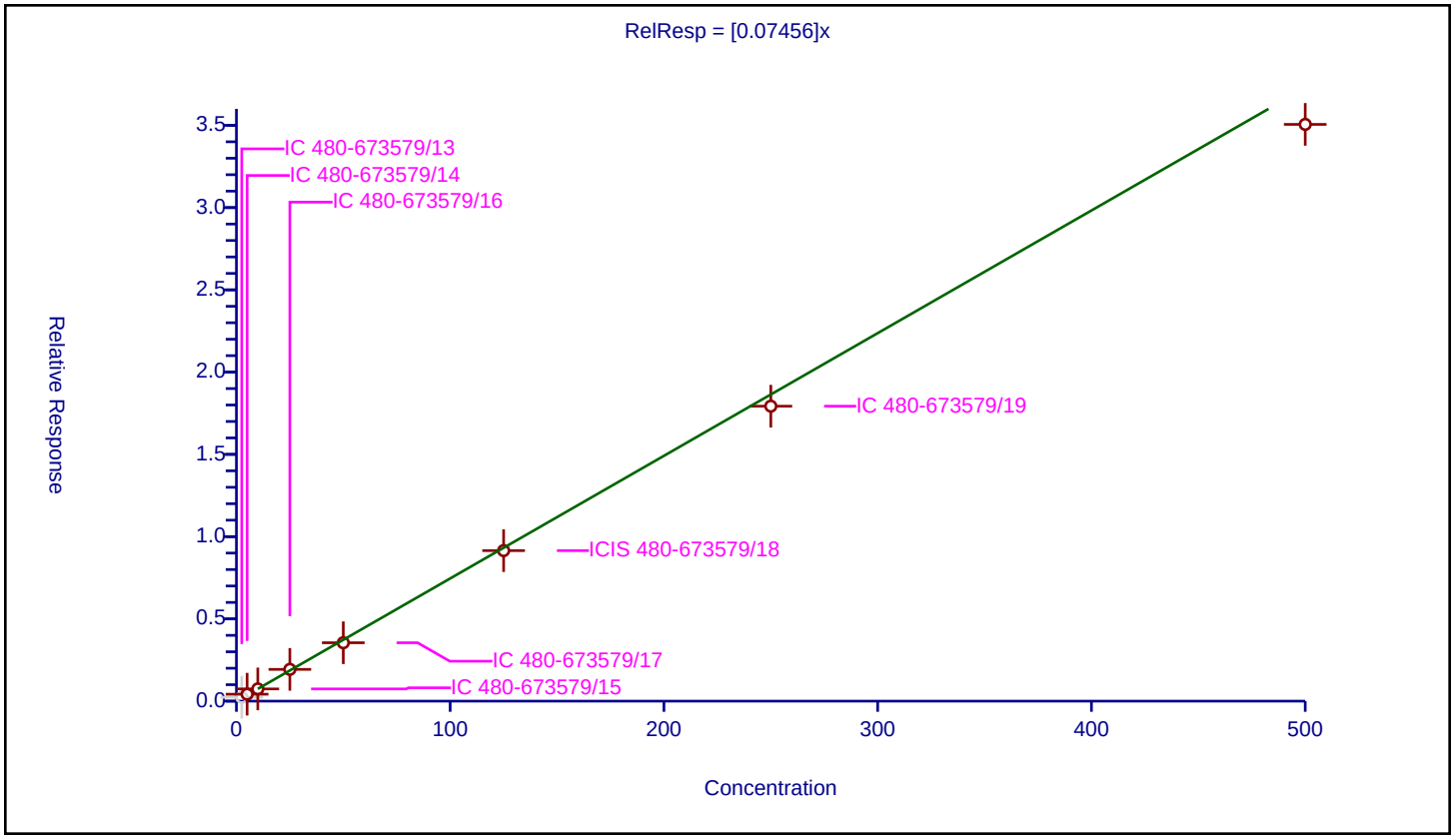
Curve Coefficients

Intercept:	0
Slope:	0.07456

Error Coefficients

Standard Error:	151000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	2.5	0.235083	25.0	216732.0	0.094033	N
2	IC 480-673579/14	5.0	0.422032	25.0	217756.0	0.084406	Y
3	IC 480-673579/15	10.0	0.742949	25.0	211623.0	0.074295	Y
4	IC 480-673579/16	25.0	1.930016	25.0	214221.0	0.077201	Y
5	IC 480-673579/17	50.0	3.549623	25.0	218819.0	0.070992	Y
6	ICIS 480-673579/18	125.0	9.149538	25.0	215183.0	0.073196	Y
7	IC 480-673579/19	250.0	17.929451	25.0	224141.0	0.071718	Y
8	IC 480-673579/20	500.0	35.058513	25.0	228498.0	0.070117	Y



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Calibration / 1,1-Dichloroethene

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

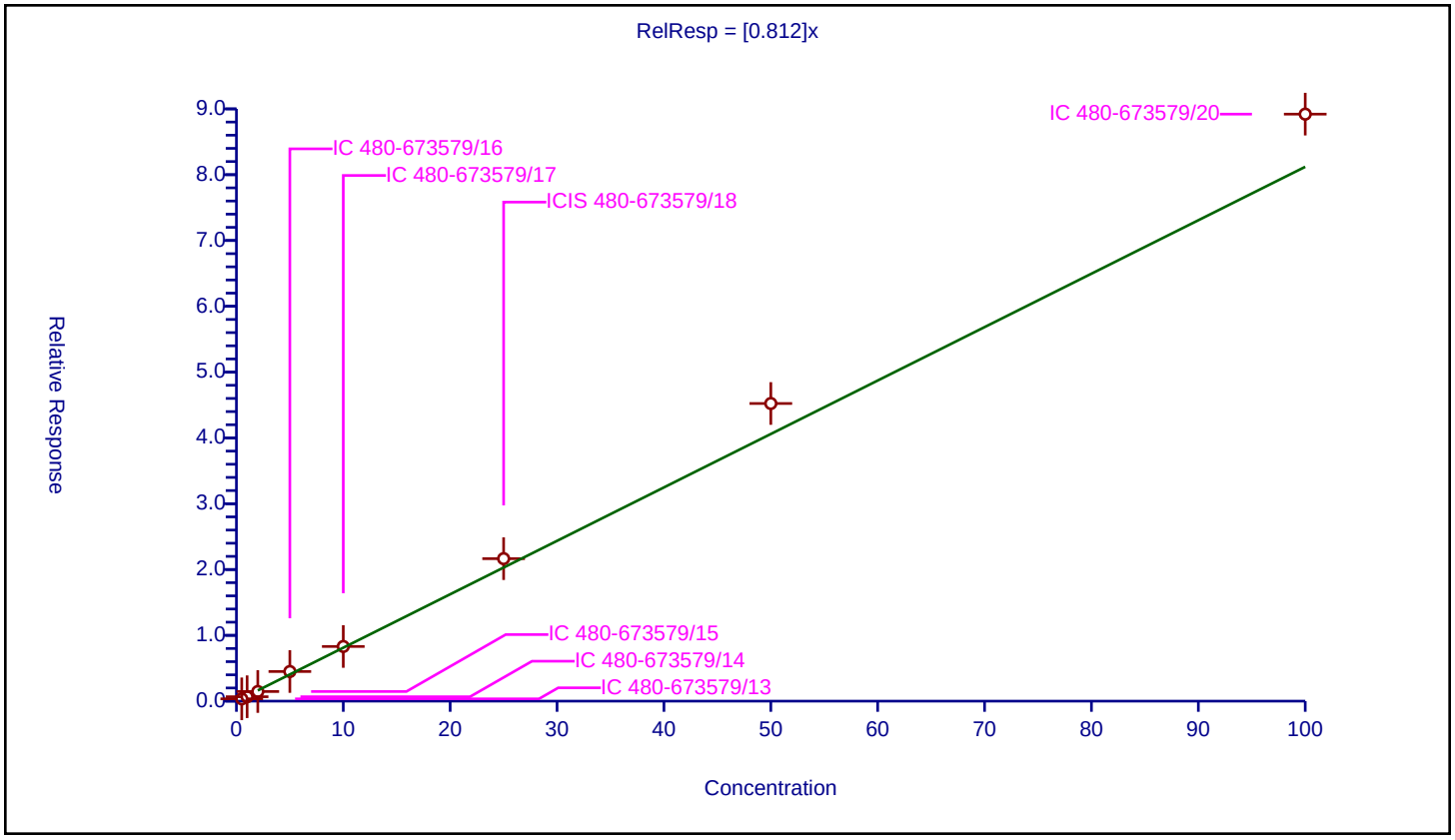
Curve Coefficients

Intercept:	0
Slope:	0.812

Error Coefficients

Standard Error:	353000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.349971	25.0	216732.0	0.699943	Y
2	IC 480-673579/14	1.0	0.67036	25.0	217756.0	0.67036	Y
3	IC 480-673579/15	2.0	1.462979	25.0	211623.0	0.731489	Y
4	IC 480-673579/16	5.0	4.50341	25.0	214221.0	0.900682	Y
5	IC 480-673579/17	10.0	8.306751	25.0	218819.0	0.830675	Y
6	ICIS 480-673579/18	25.0	21.651803	25.0	215183.0	0.866072	Y
7	IC 480-673579/19	50.0	45.231461	25.0	224141.0	0.904629	Y
8	IC 480-673579/20	100.0	89.203516	25.0	228498.0	0.892035	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

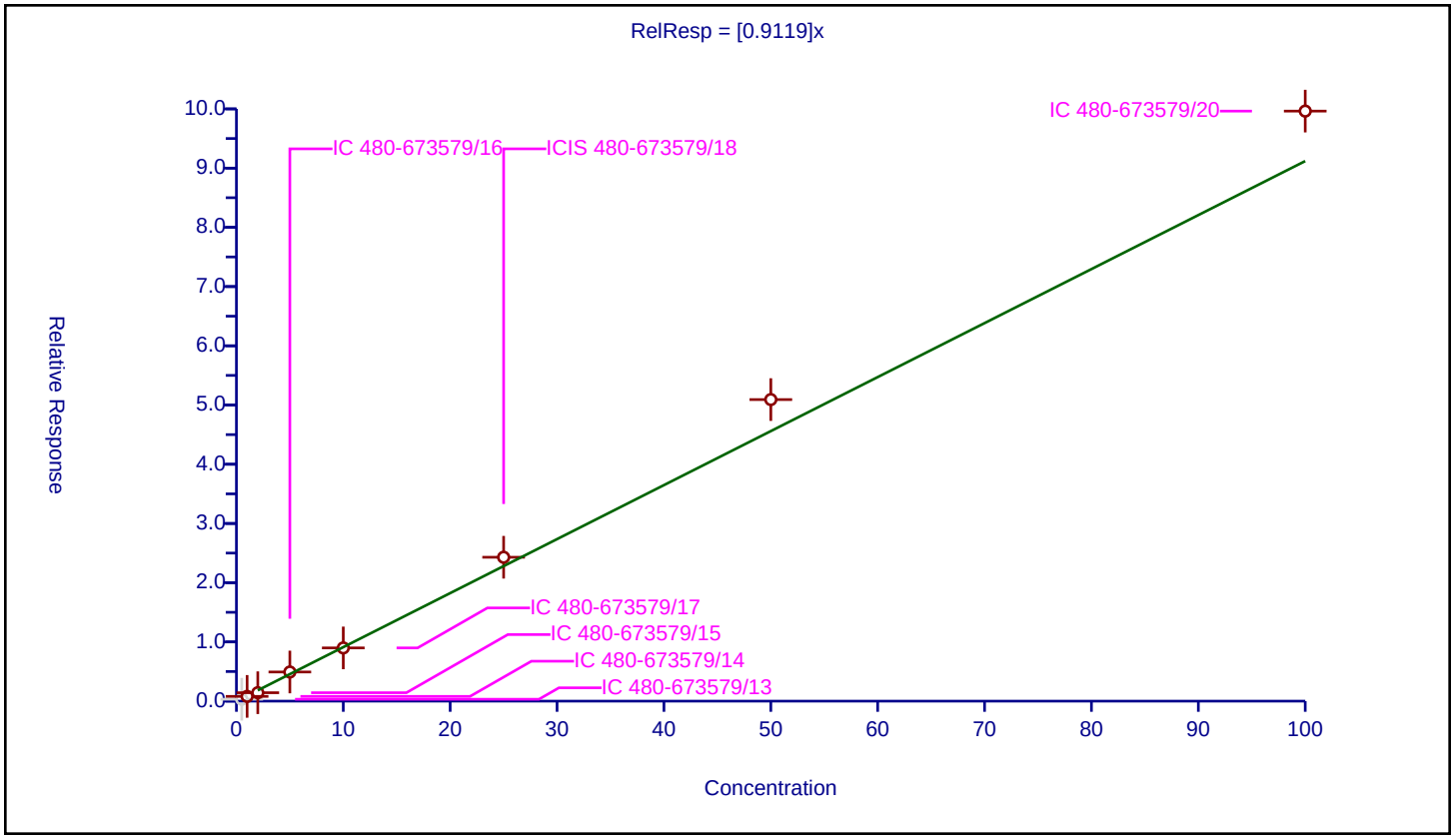
Curve Coefficients

Intercept:	0
Slope:	0.9119

Error Coefficients

Standard Error:	426000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.321365	25.0	216732.0	0.642729	N
2	IC 480-673579/14	1.0	0.802274	25.0	217756.0	0.802274	Y
3	IC 480-673579/15	2.0	1.423404	25.0	211623.0	0.711702	Y
4	IC 480-673579/16	5.0	4.920853	25.0	214221.0	0.984171	Y
5	IC 480-673579/17	10.0	8.985394	25.0	218819.0	0.898539	Y
6	ICIS 480-673579/18	25.0	24.295135	25.0	215183.0	0.971805	Y
7	IC 480-673579/19	50.0	50.918953	25.0	224141.0	1.018379	Y
8	IC 480-673579/20	100.0	99.62724	25.0	228498.0	0.996272	Y



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Calibration / Acetone

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

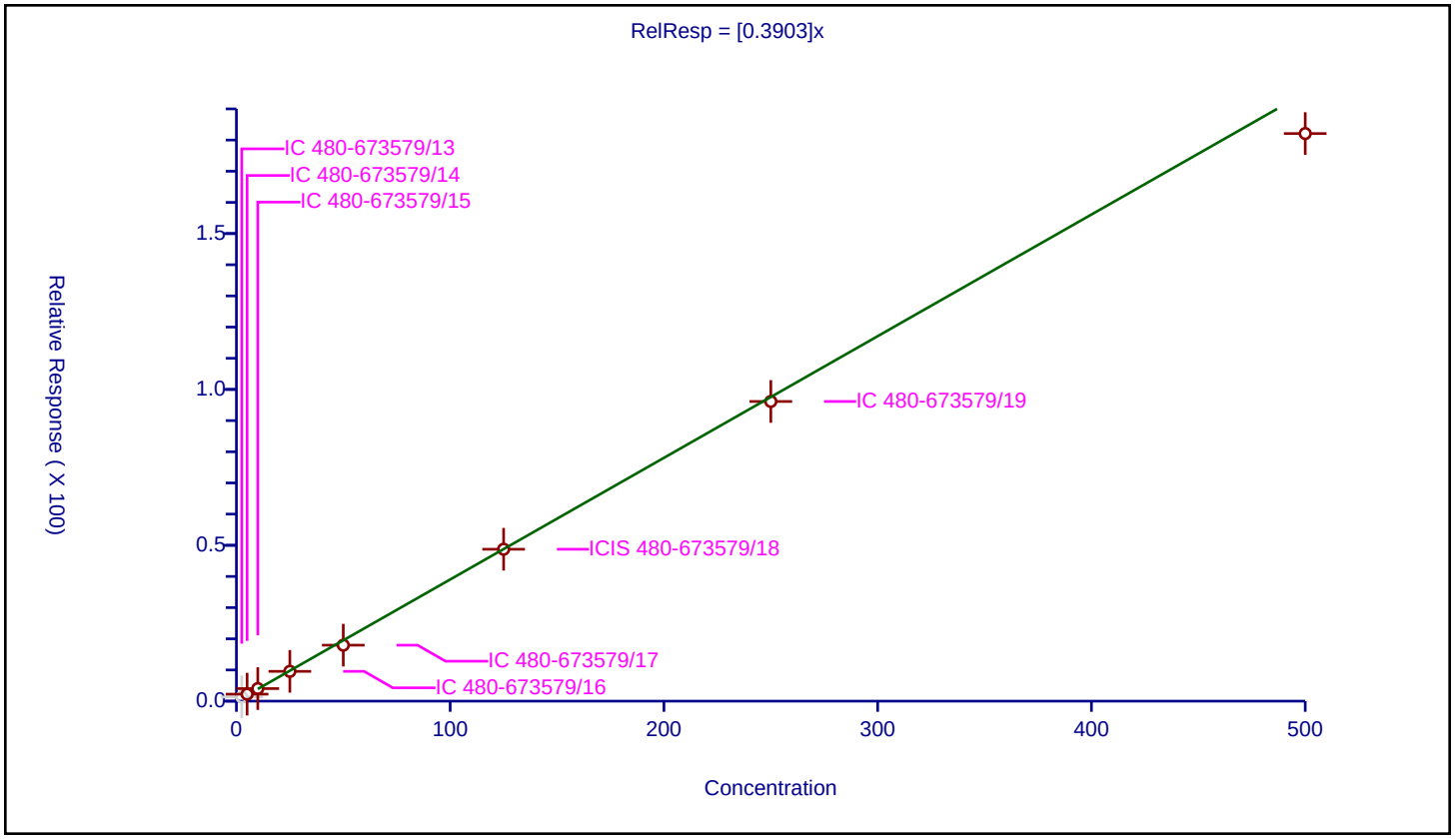
Curve Coefficients

Intercept:	0
Slope:	0.3903

Error Coefficients

Standard Error:	787000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	2.5	1.342211	25.0	216732.0	0.536884	N
2	IC 480-673579/14	5.0	2.245518	25.0	217756.0	0.449104	Y
3	IC 480-673579/15	10.0	4.028981	25.0	211623.0	0.402898	Y
4	IC 480-673579/16	25.0	9.554152	25.0	214221.0	0.382166	Y
5	IC 480-673579/17	50.0	17.960049	25.0	218819.0	0.359201	Y
6	ICIS 480-673579/18	125.0	48.729337	25.0	215183.0	0.389835	Y
7	IC 480-673579/19	250.0	96.138145	25.0	224141.0	0.384553	Y
8	IC 480-673579/20	500.0	182.083651	25.0	228498.0	0.364167	Y



Calibration / Iodomethane

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

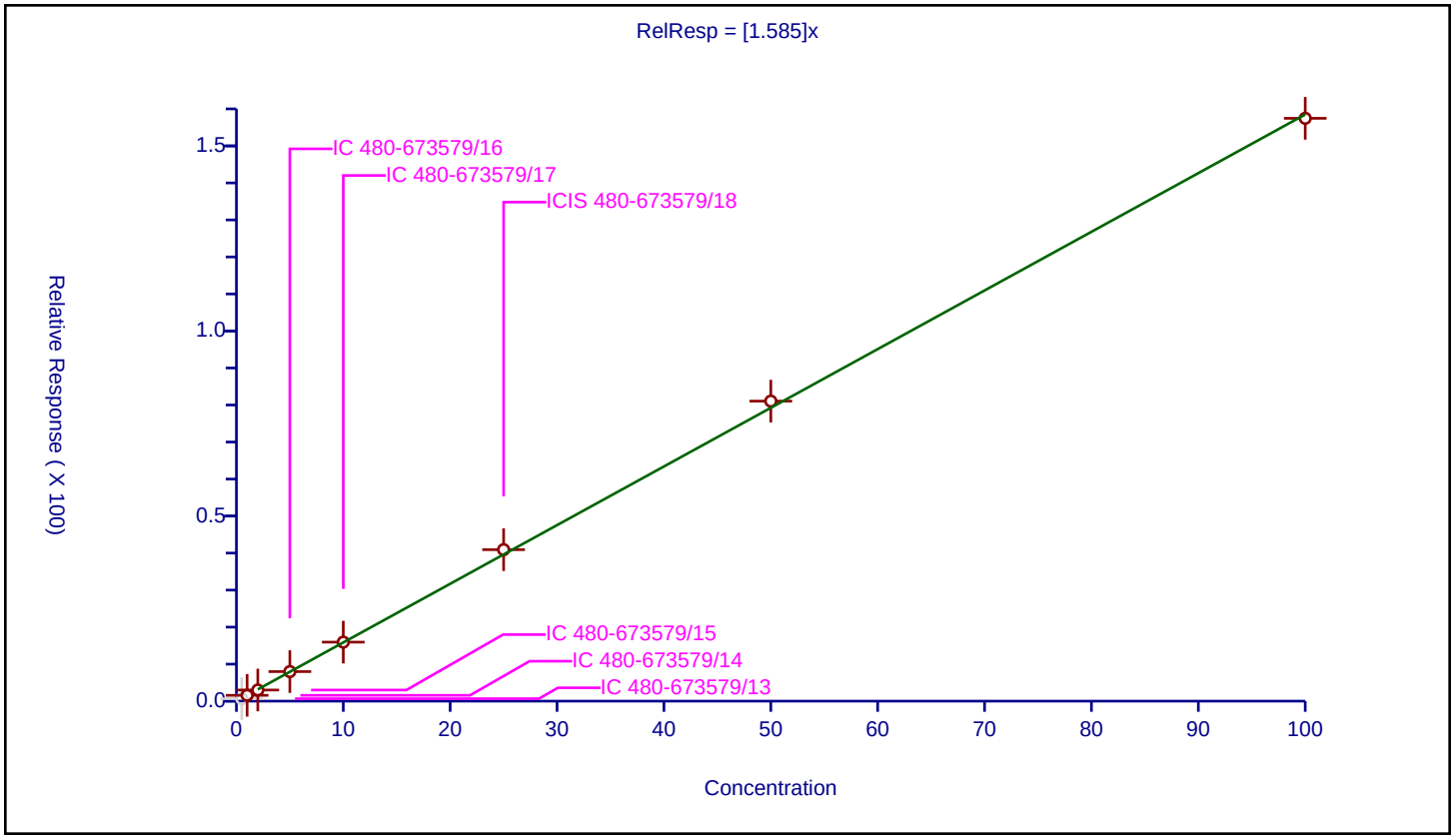
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Standard Error:	677000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.668568	25.0	216732.0	1.337135	N
2	IC 480-673579/14	1.0	1.57045	25.0	217756.0	1.57045	Y
3	IC 480-673579/15	2.0	3.002864	25.0	211623.0	1.501432	Y
4	IC 480-673579/16	5.0	7.980427	25.0	214221.0	1.596085	Y
5	IC 480-673579/17	10.0	15.939087	25.0	218819.0	1.593909	Y
6	ICIS 480-673579/18	25.0	40.923772	25.0	215183.0	1.636951	Y
7	IC 480-673579/19	50.0	81.054894	25.0	224141.0	1.621098	Y
8	IC 480-673579/20	100.0	157.455098	25.0	228498.0	1.574551	Y



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Calibration / Carbon disulfide

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

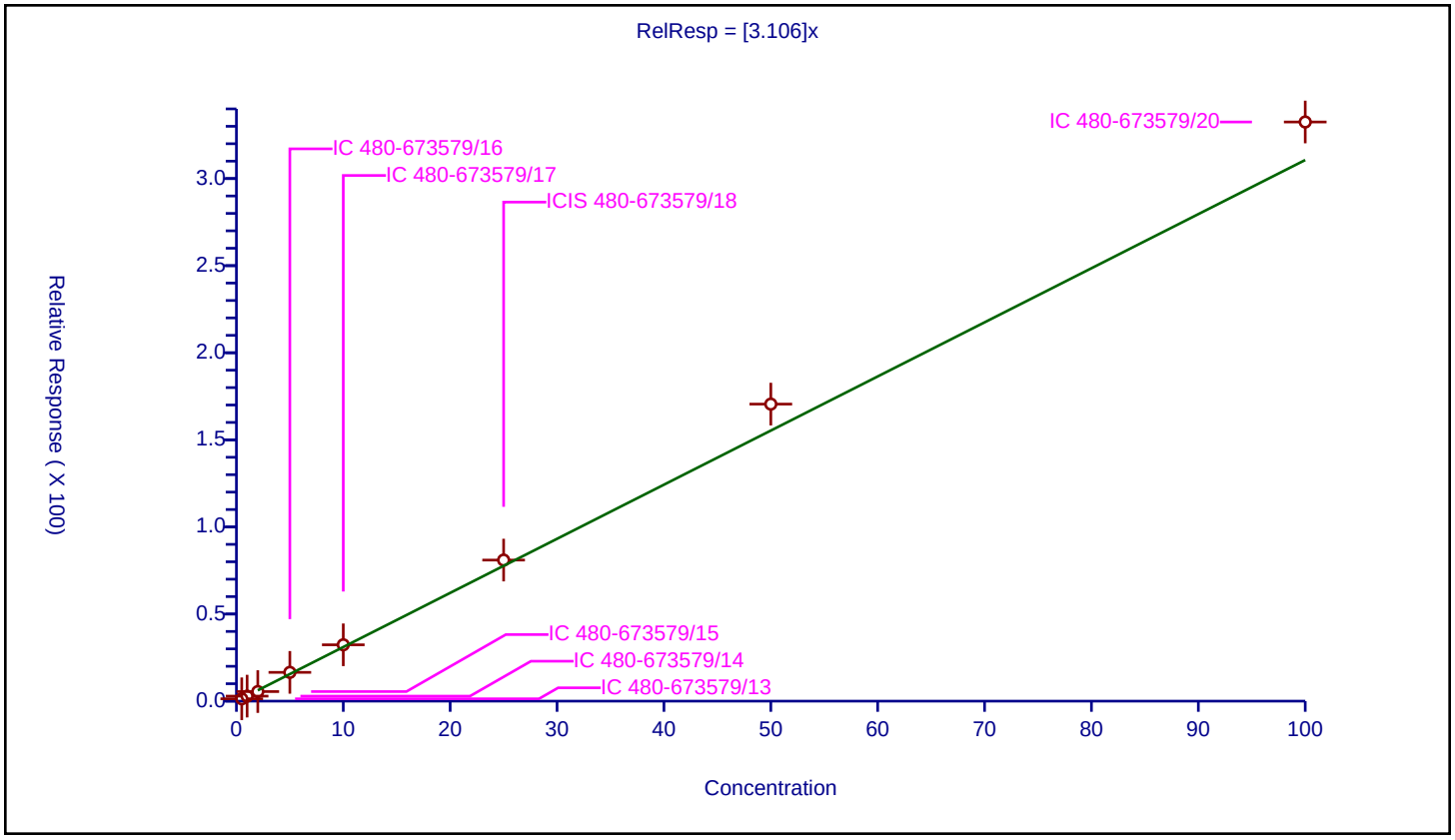
Curve Coefficients

Intercept:	0
Slope:	3.106

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.352592	25.0	216732.0	2.705184	Y
2	IC 480-673579/14	1.0	2.88488	25.0	217756.0	2.88488	Y
3	IC 480-673579/15	2.0	5.497276	25.0	211623.0	2.748638	Y
4	IC 480-673579/16	5.0	16.517172	25.0	214221.0	3.303434	Y
5	IC 480-673579/17	10.0	32.347854	25.0	218819.0	3.234785	Y
6	ICIS 480-673579/18	25.0	80.988275	25.0	215183.0	3.239531	Y
7	IC 480-673579/19	50.0	170.528819	25.0	224141.0	3.410576	Y
8	IC 480-673579/20	100.0	332.481247	25.0	228498.0	3.324812	Y



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Calibration / 3-Chloro-1-propene

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

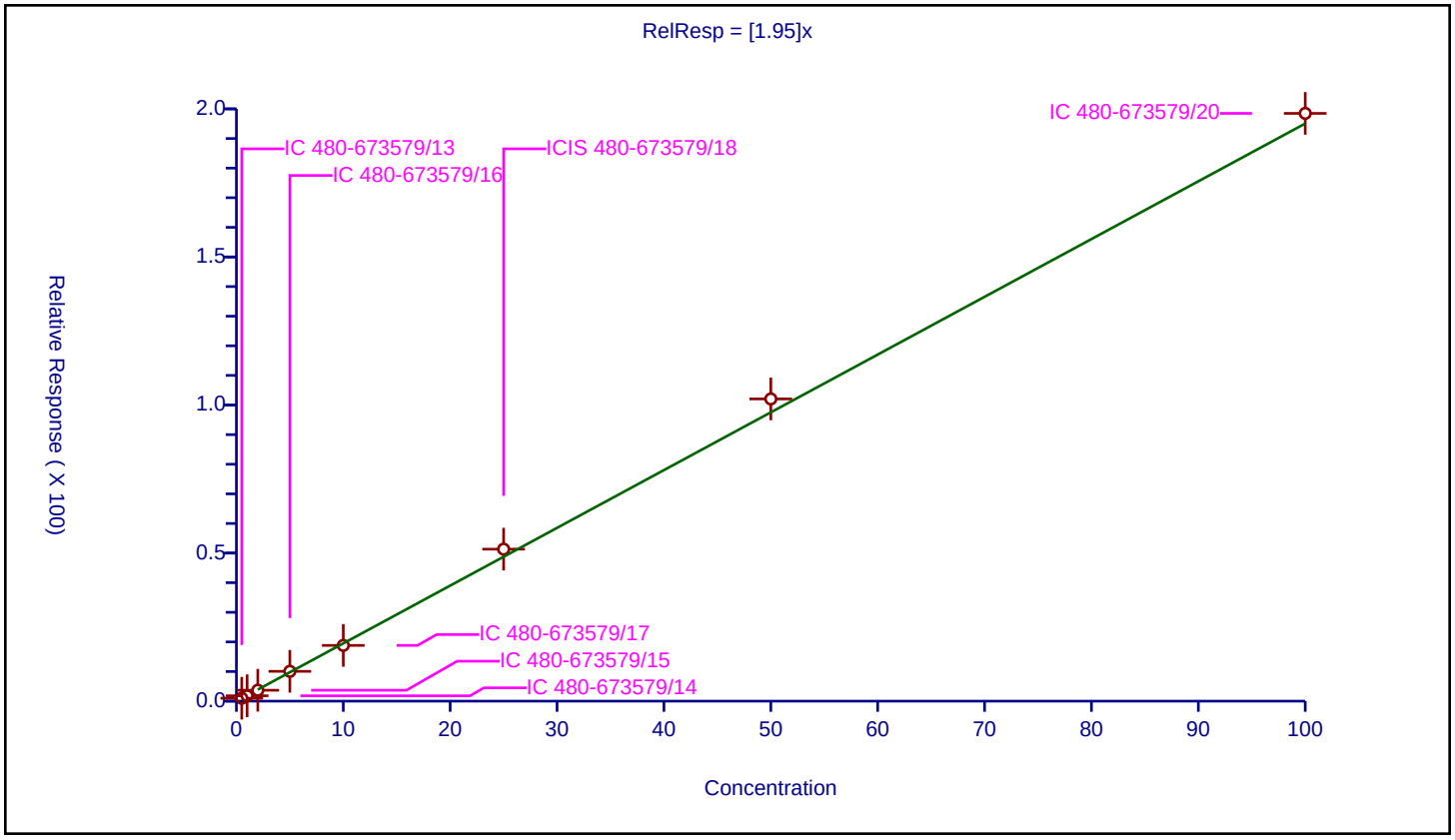
Curve Coefficients

Intercept:	0
Slope:	1.95

Error Coefficients

Standard Error:	789000
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	IC 480-673579/13	0.5	0.986472	25.0	216732.0	1.972944	Y
2	IC 480-673579/14	1.0	1.814531	25.0	217756.0	1.814531	Y
3	IC 480-673579/15	2.0	3.682256	25.0	211623.0	1.841128	Y
4	IC 480-673579/16	5.0	10.071608	25.0	214221.0	2.014322	Y
5	IC 480-673579/17	10.0	18.817607	25.0	218819.0	1.881761	Y
6	ICIS 480-673579/18	25.0	51.325267	25.0	215183.0	2.053011	Y
7	IC 480-673579/19	50.0	102.05451	25.0	224141.0	2.04109	Y
8	IC 480-673579/20	100.0	198.484232	25.0	228498.0	1.984842	Y



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Calibration / Methyl acetate

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

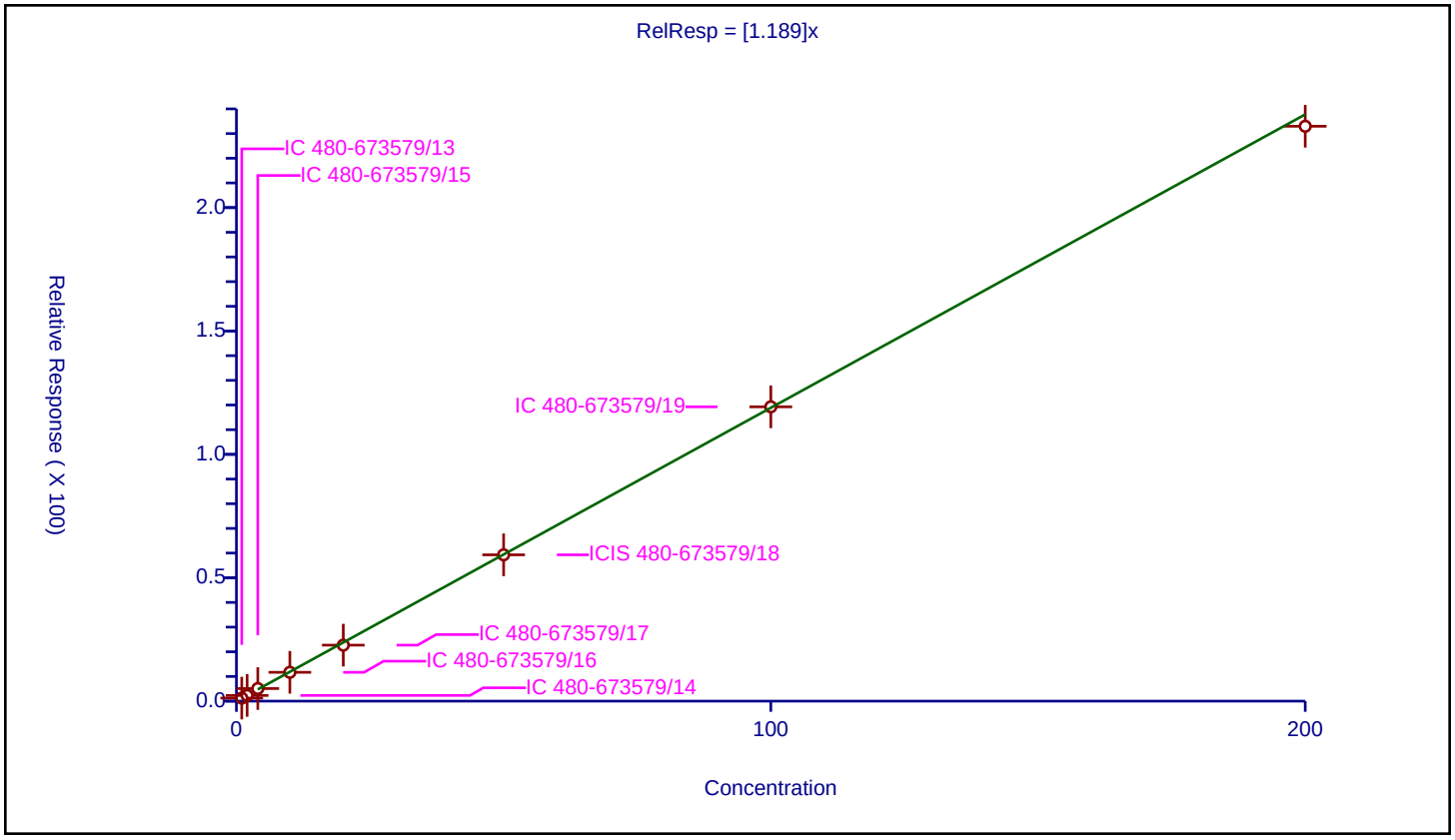
Curve Coefficients

Intercept:	0
Slope:	1.189

Error Coefficients

Standard Error:	925000
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	IC 480-673579/13	1.0	1.238165	25.0	216732.0	1.238165	Y
2	IC 480-673579/14	2.0	2.302577	25.0	217756.0	1.151289	Y
3	IC 480-673579/15	4.0	5.098926	25.0	211623.0	1.274731	Y
4	IC 480-673579/16	10.0	11.682211	25.0	214221.0	1.168221	Y
5	IC 480-673579/17	20.0	22.688044	25.0	218819.0	1.134402	Y
6	ICIS 480-673579/18	50.0	59.292788	25.0	215183.0	1.185856	Y
7	IC 480-673579/19	100.0	119.273805	25.0	224141.0	1.192738	Y
8	IC 480-673579/20	200.0	232.960901	25.0	228498.0	1.164805	Y



Calibration / Methylene Chloride

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

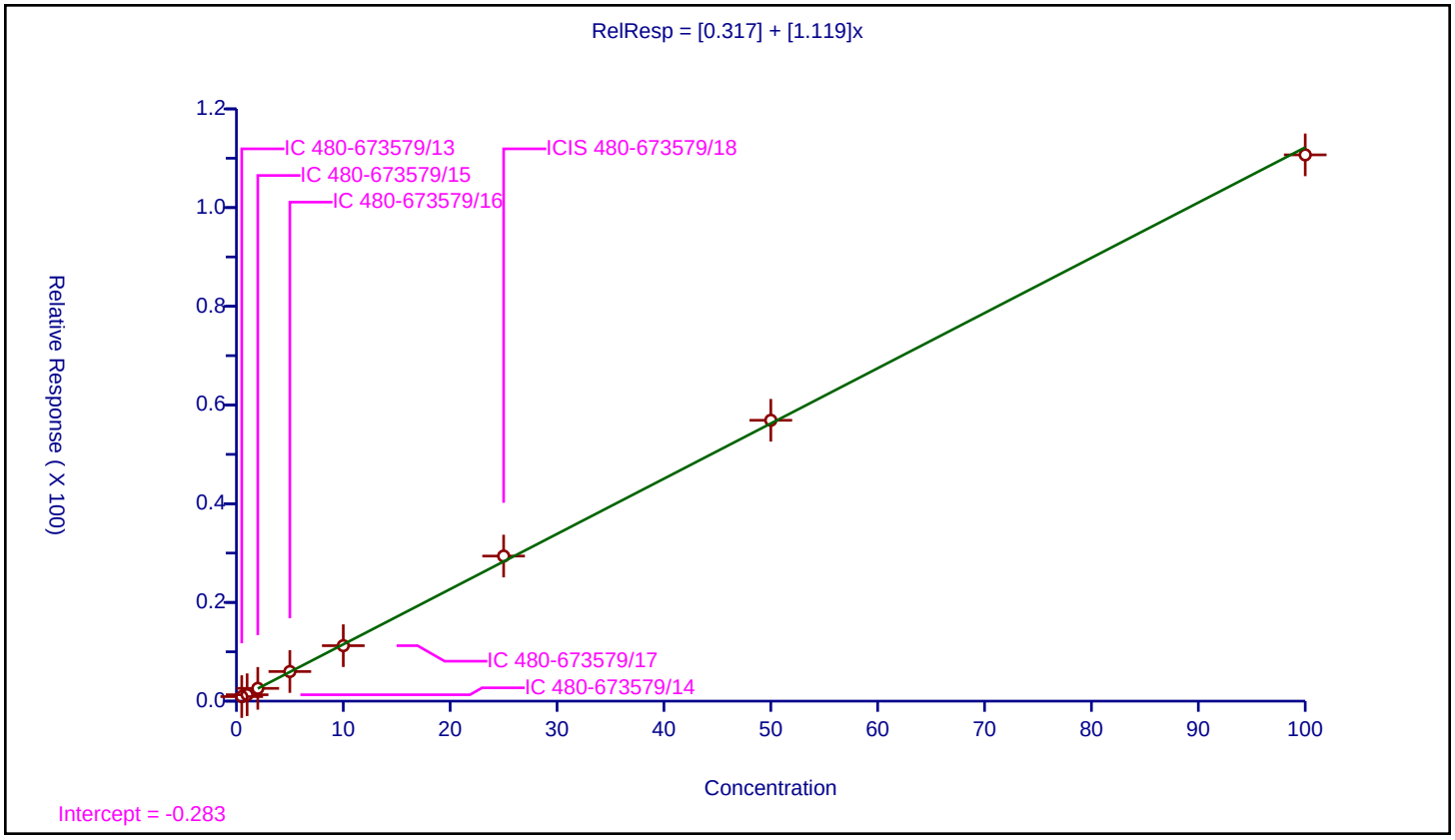
Curve Coefficients

Intercept:	0.317
Slope:	1.119

Error Coefficients

Standard Error:	476000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.919915	25.0	216732.0	1.83983	Y
2	IC 480-673579/14	1.0	1.300079	25.0	217756.0	1.300079	Y
3	IC 480-673579/15	2.0	2.587384	25.0	211623.0	1.293692	Y
4	IC 480-673579/16	5.0	5.996961	25.0	214221.0	1.199392	Y
5	IC 480-673579/17	10.0	11.237484	25.0	218819.0	1.123748	Y
6	ICIS 480-673579/18	25.0	29.395445	25.0	215183.0	1.175818	Y
7	IC 480-673579/19	50.0	56.911386	25.0	224141.0	1.138228	Y
8	IC 480-673579/20	100.0	110.684995	25.0	228498.0	1.10685	Y



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Calibration / 2-Methyl-2-propanol

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

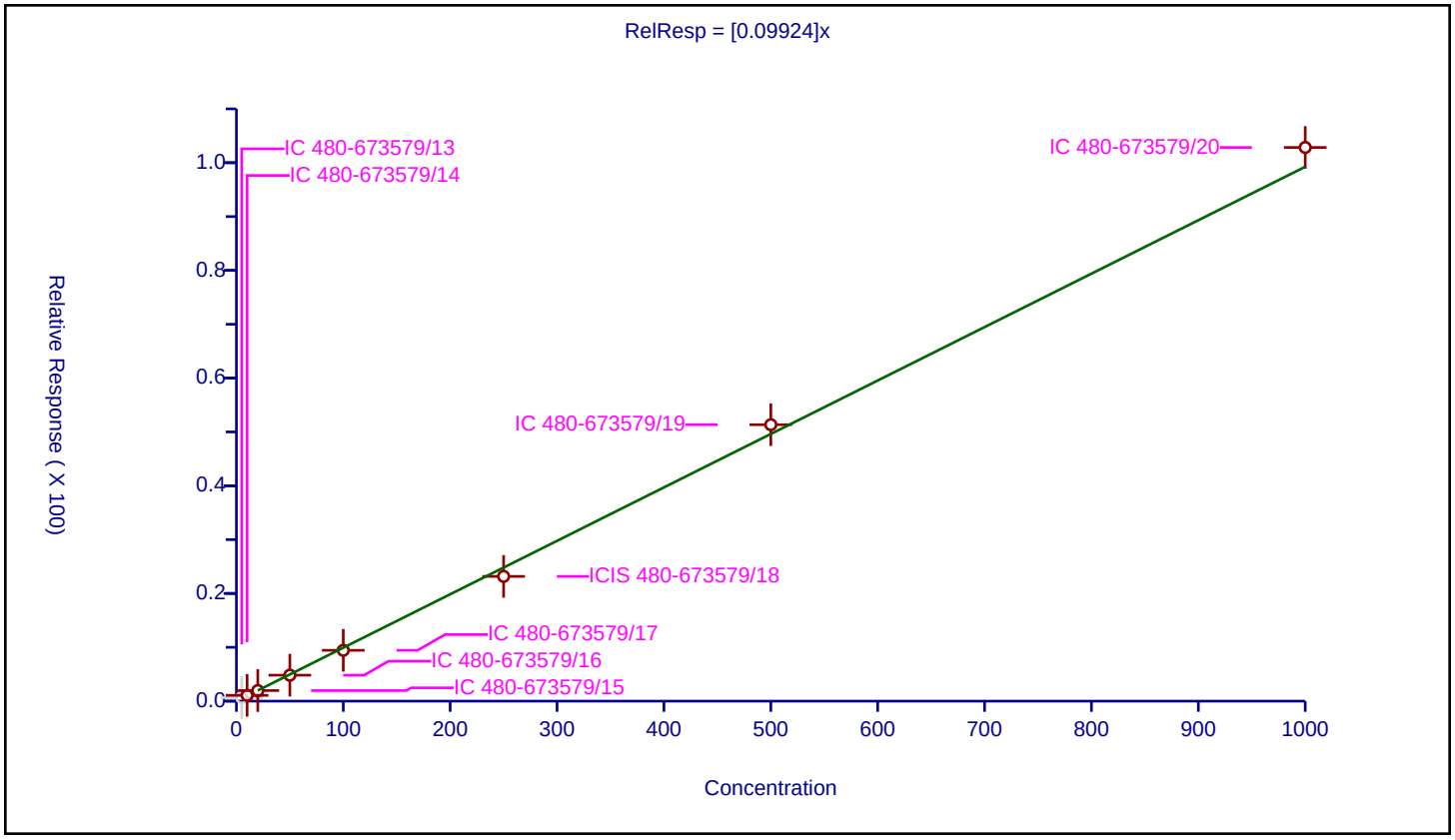
Curve Coefficients

Intercept:	0
Slope:	0.09924

Error Coefficients

Standard Error:	437000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	5.0	0.657725	25.0	216732.0	0.131545	N
2	IC 480-673579/14	10.0	1.073794	25.0	217756.0	0.107379	Y
3	IC 480-673579/15	20.0	1.965287	25.0	211623.0	0.098264	Y
4	IC 480-673579/16	50.0	4.822123	25.0	214221.0	0.096442	Y
5	IC 480-673579/17	100.0	9.439765	25.0	218819.0	0.094398	Y
6	ICIS 480-673579/18	250.0	23.170511	25.0	215183.0	0.092682	Y
7	IC 480-673579/19	500.0	51.347924	25.0	224141.0	0.102696	Y
8	IC 480-673579/20	1000.0	102.833723	25.0	228498.0	0.102834	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

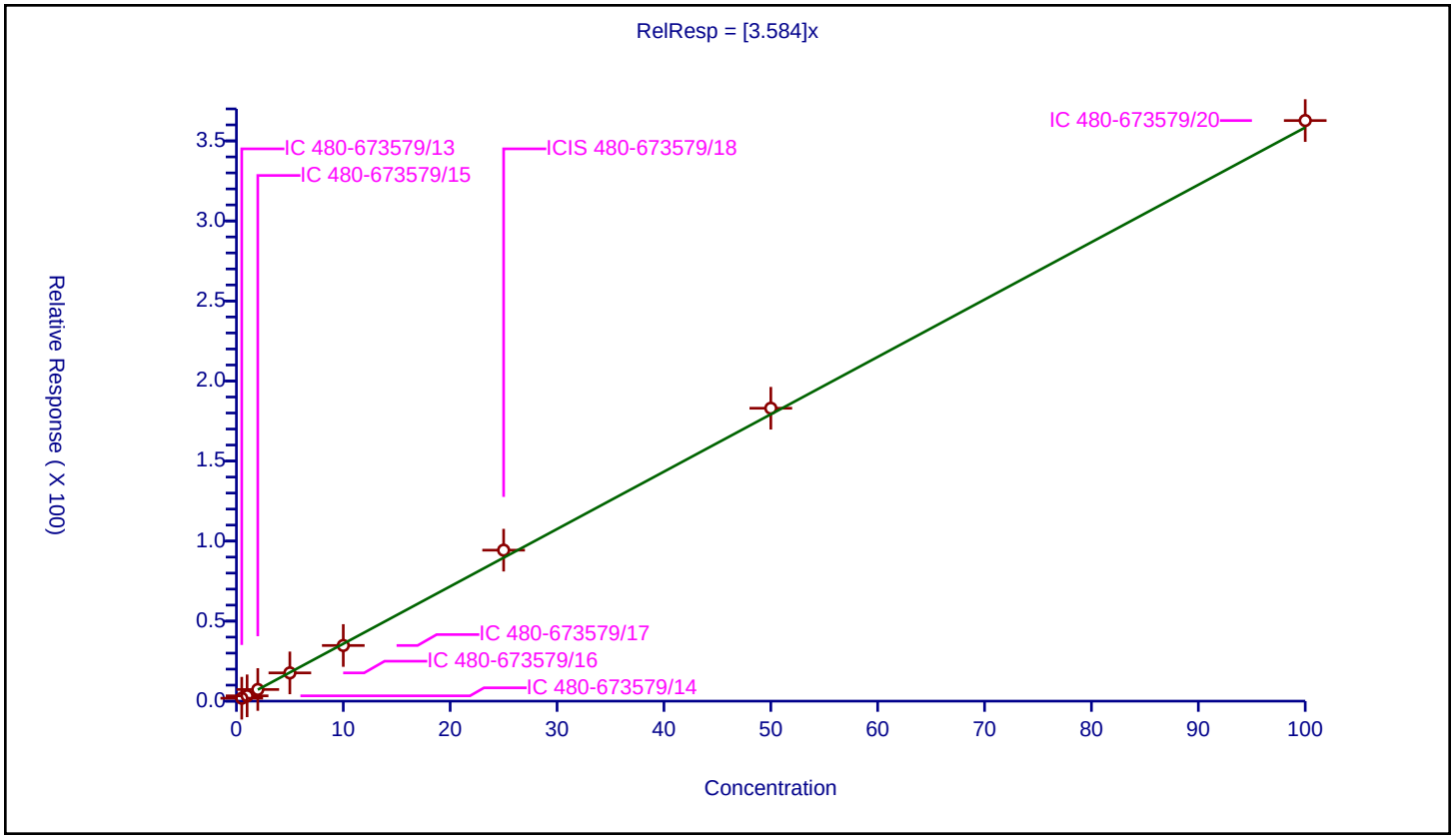
Curve Coefficients

Intercept:	0
Slope:	3.584

Error Coefficients

Standard Error:	1440000
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	IC 480-673579/13	0.5	1.824258	25.0	216732.0	3.648515	Y
2	IC 480-673579/14	1.0	3.313916	25.0	217756.0	3.313916	Y
3	IC 480-673579/15	2.0	7.285479	25.0	211623.0	3.64274	Y
4	IC 480-673579/16	5.0	17.649647	25.0	214221.0	3.529929	Y
5	IC 480-673579/17	10.0	34.769833	25.0	218819.0	3.476983	Y
6	ICIS 480-673579/18	25.0	94.312515	25.0	215183.0	3.772501	Y
7	IC 480-673579/19	50.0	182.985487	25.0	224141.0	3.65971	Y
8	IC 480-673579/20	100.0	362.719477	25.0	228498.0	3.627195	Y



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Calibration / trans-1,2-Dichloroethene

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

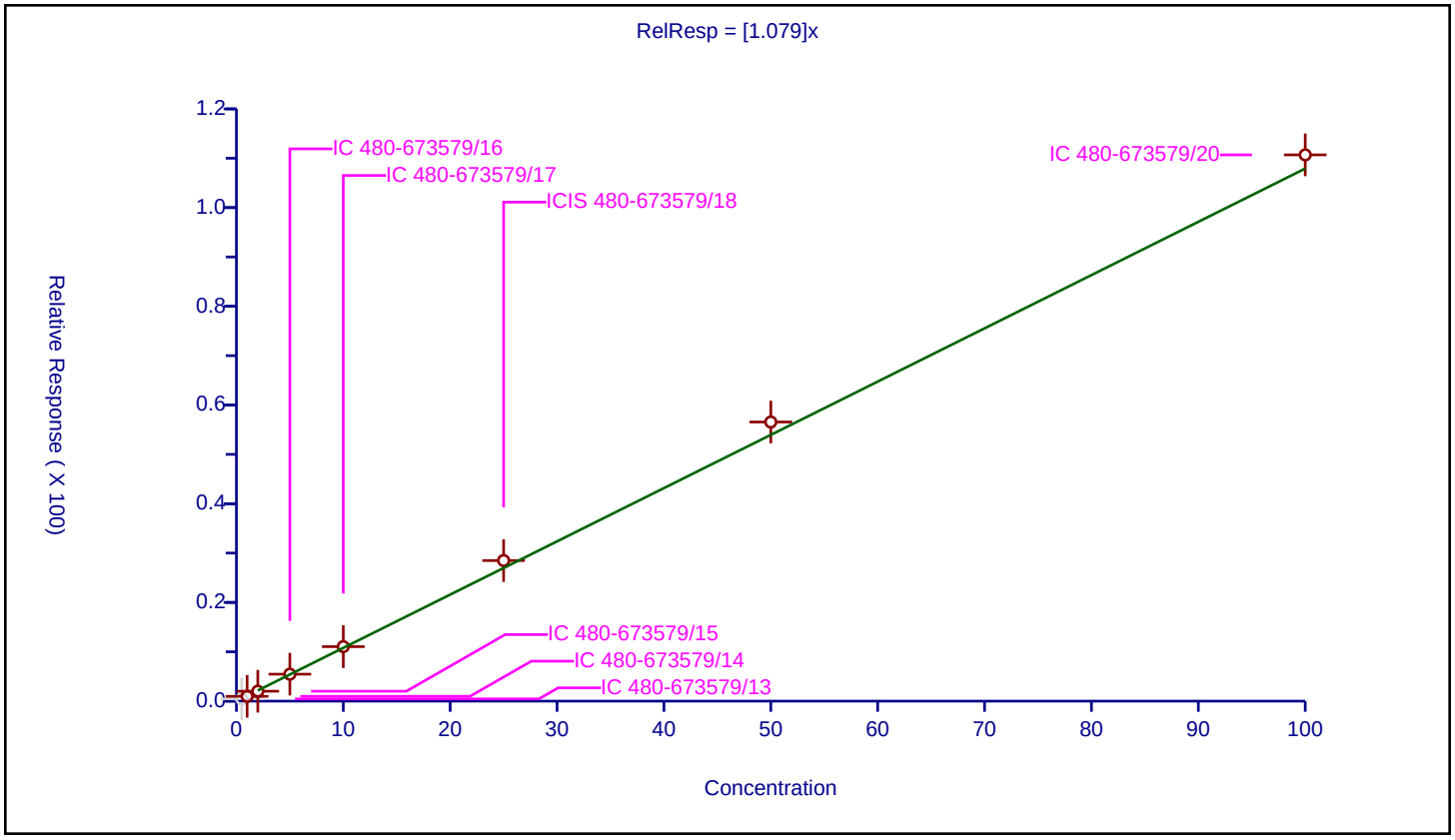
Curve Coefficients

Intercept:	0
Slope:	1.079

Error Coefficients

Standard Error:	475000
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	IC 480-673579/13	0.5	0.458516	25.0	216732.0	0.917031	N
2	IC 480-673579/14	1.0	0.972419	25.0	217756.0	0.972419	Y
3	IC 480-673579/15	2.0	2.012069	25.0	211623.0	1.006034	Y
4	IC 480-673579/16	5.0	5.46515	25.0	214221.0	1.09303	Y
5	IC 480-673579/17	10.0	11.045316	25.0	218819.0	1.104532	Y
6	ICIS 480-673579/18	25.0	28.487381	25.0	215183.0	1.139495	Y
7	IC 480-673579/19	50.0	56.557368	25.0	224141.0	1.131147	Y
8	IC 480-673579/20	100.0	110.685542	25.0	228498.0	1.106855	Y



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

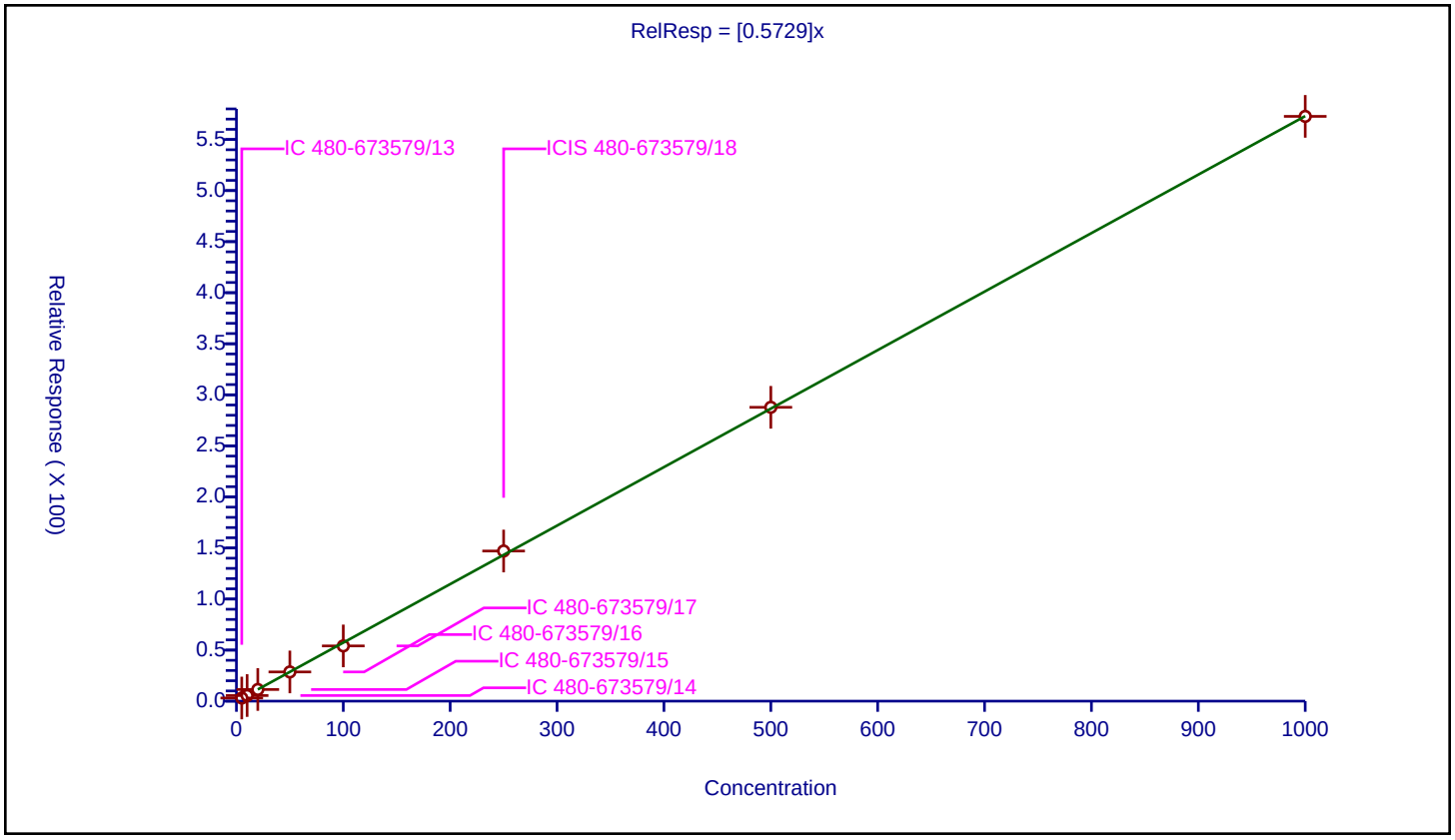
Curve Coefficients

Intercept:	0
Slope:	0.5729

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	5.0	3.077303	25.0	216732.0	0.615461	Y
2	IC 480-673579/14	10.0	5.482857	25.0	217756.0	0.548286	Y
3	IC 480-673579/15	20.0	11.409086	25.0	211623.0	0.570454	Y
4	IC 480-673579/16	50.0	28.611691	25.0	214221.0	0.572234	Y
5	IC 480-673579/17	100.0	54.078713	25.0	218819.0	0.540787	Y
6	ICIS 480-673579/18	250.0	147.027414	25.0	215183.0	0.58811	Y
7	IC 480-673579/19	500.0	287.751348	25.0	224141.0	0.575503	Y
8	IC 480-673579/20	1000.0	572.659498	25.0	228498.0	0.572659	Y



Calibration / Hexane

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

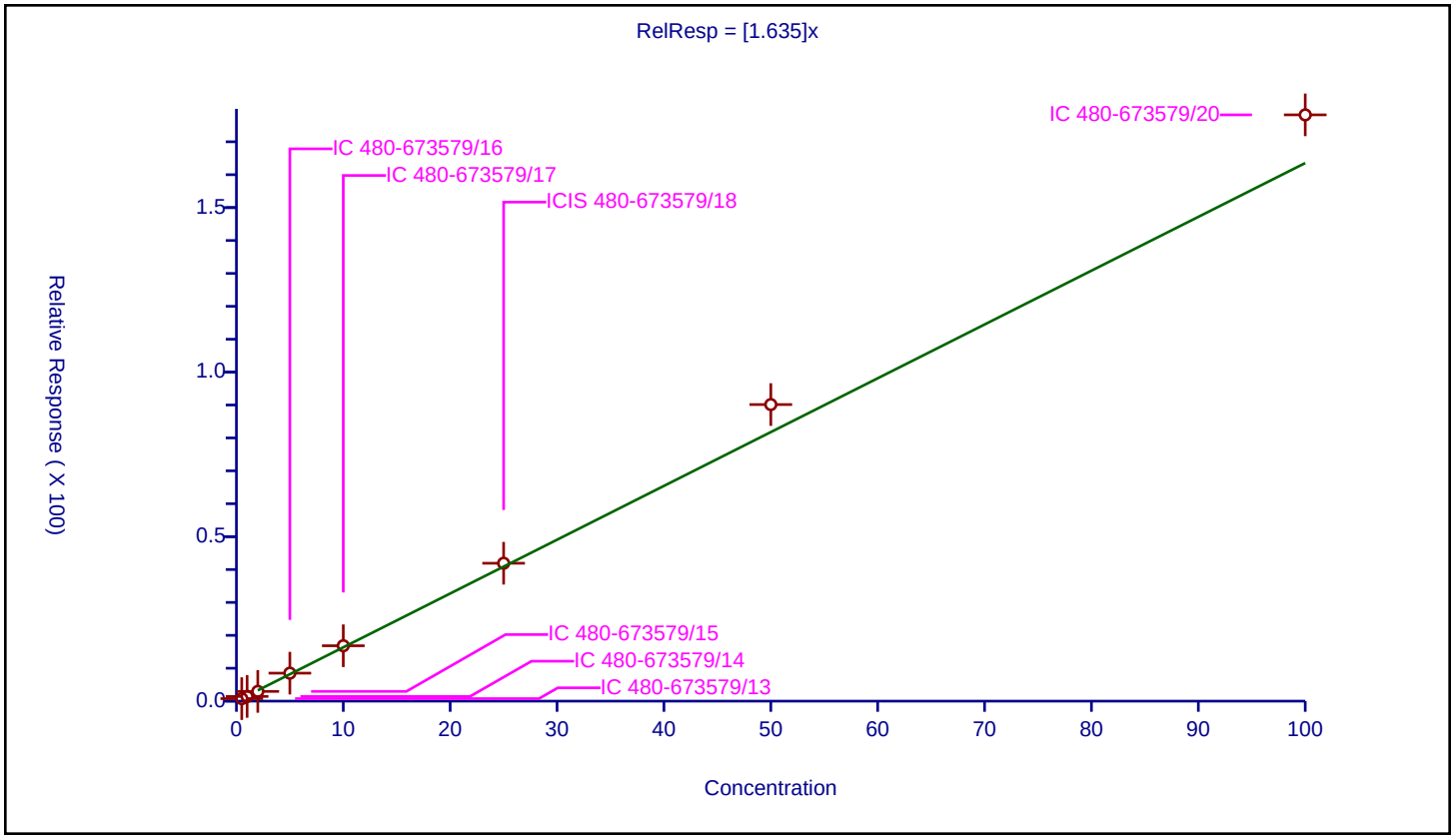
Curve Coefficients

Intercept:	0
Slope:	1.635

Error Coefficients

Standard Error:	703000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.764077	25.0	216732.0	1.528155	Y
2	IC 480-673579/14	1.0	1.428663	25.0	217756.0	1.428663	Y
3	IC 480-673579/15	2.0	2.960099	25.0	211623.0	1.480049	Y
4	IC 480-673579/16	5.0	8.506636	25.0	214221.0	1.701327	Y
5	IC 480-673579/17	10.0	16.835718	25.0	218819.0	1.683572	Y
6	ICIS 480-673579/18	25.0	41.913278	25.0	215183.0	1.676531	Y
7	IC 480-673579/19	50.0	90.138239	25.0	224141.0	1.802765	Y
8	IC 480-673579/20	100.0	178.182632	25.0	228498.0	1.781826	Y



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Calibration / 1,1-Dichloroethane

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

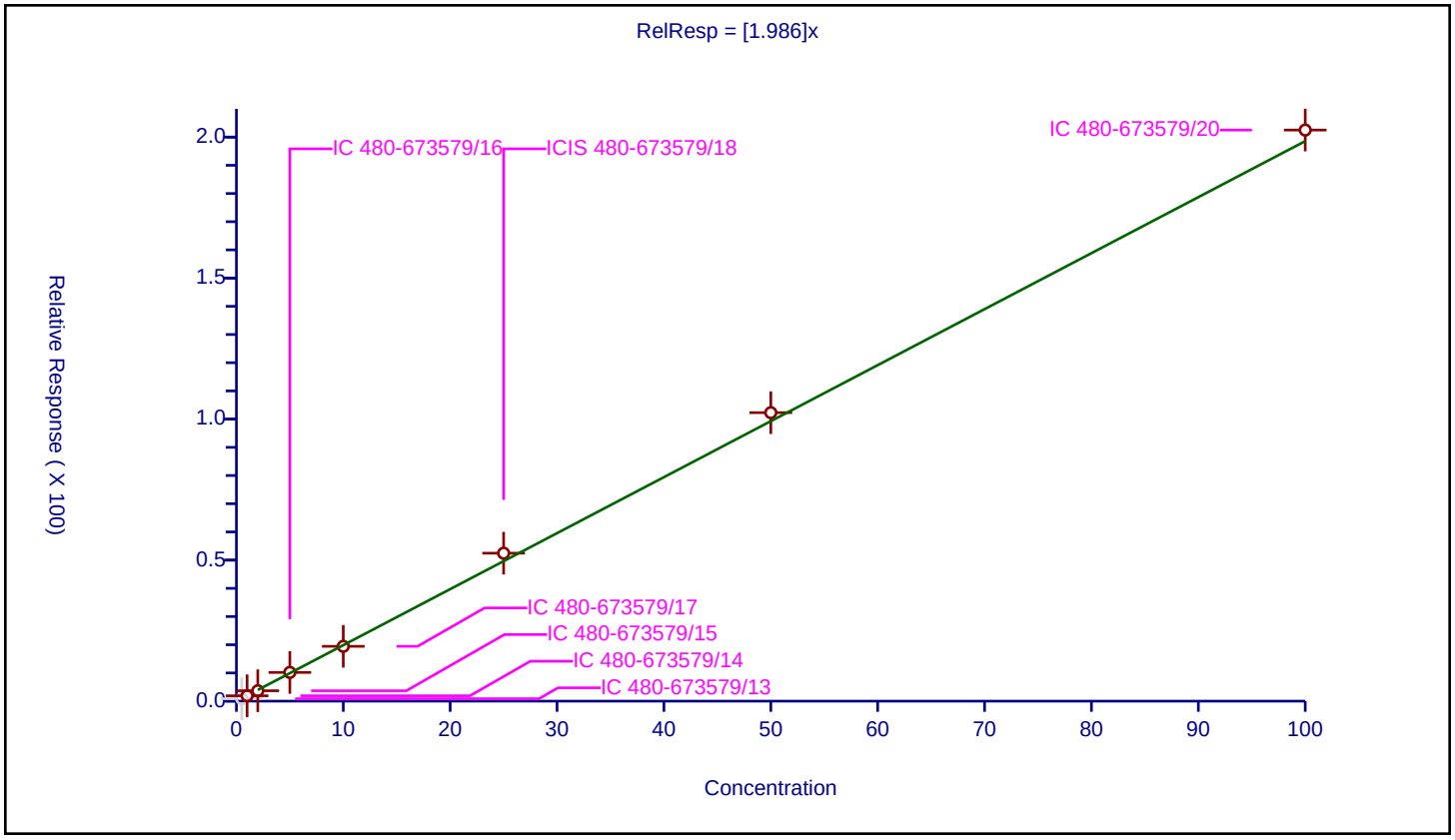
Curve Coefficients

Intercept:	0
Slope:	1.986

Error Coefficients

Standard Error:	867000
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	IC 480-673579/13	0.5	0.86051	25.0	216732.0	1.72102	N
2	IC 480-673579/14	1.0	1.903392	25.0	217756.0	1.903392	Y
3	IC 480-673579/15	2.0	3.689698	25.0	211623.0	1.844849	Y
4	IC 480-673579/16	5.0	10.188077	25.0	214221.0	2.037615	Y
5	IC 480-673579/17	10.0	19.437412	25.0	218819.0	1.943741	Y
6	ICIS 480-673579/18	25.0	52.461626	25.0	215183.0	2.098465	Y
7	IC 480-673579/19	50.0	102.290522	25.0	224141.0	2.04581	Y
8	IC 480-673579/20	100.0	202.492473	25.0	228498.0	2.024925	Y



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Calibration / Vinyl acetate

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

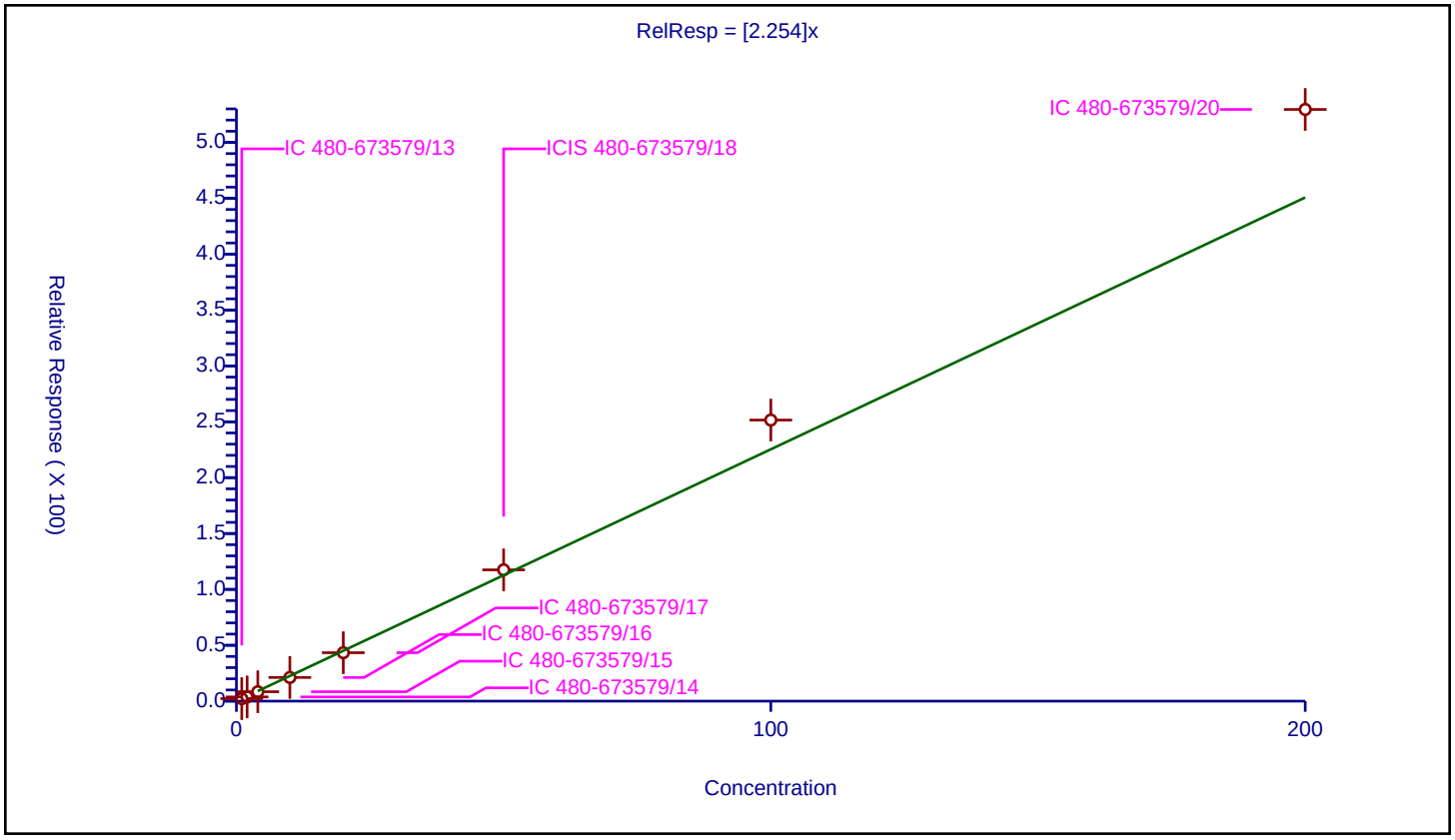
Curve Coefficients

Intercept:	0
Slope:	2.254

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	1.0	2.25705	25.0	216732.0	2.25705	Y
2	IC 480-673579/14	2.0	3.742262	25.0	217756.0	1.871131	Y
3	IC 480-673579/15	4.0	8.414964	25.0	211623.0	2.103741	Y
4	IC 480-673579/16	10.0	21.175912	25.0	214221.0	2.117591	Y
5	IC 480-673579/17	20.0	43.332389	25.0	218819.0	2.166619	Y
6	ICIS 480-673579/18	50.0	117.503009	25.0	215183.0	2.35006	Y
7	IC 480-673579/19	100.0	251.54289	25.0	224141.0	2.515429	Y
8	IC 480-673579/20	200.0	529.493147	25.0	228498.0	2.647466	Y



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Calibration / 2,2-Dichloropropane

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

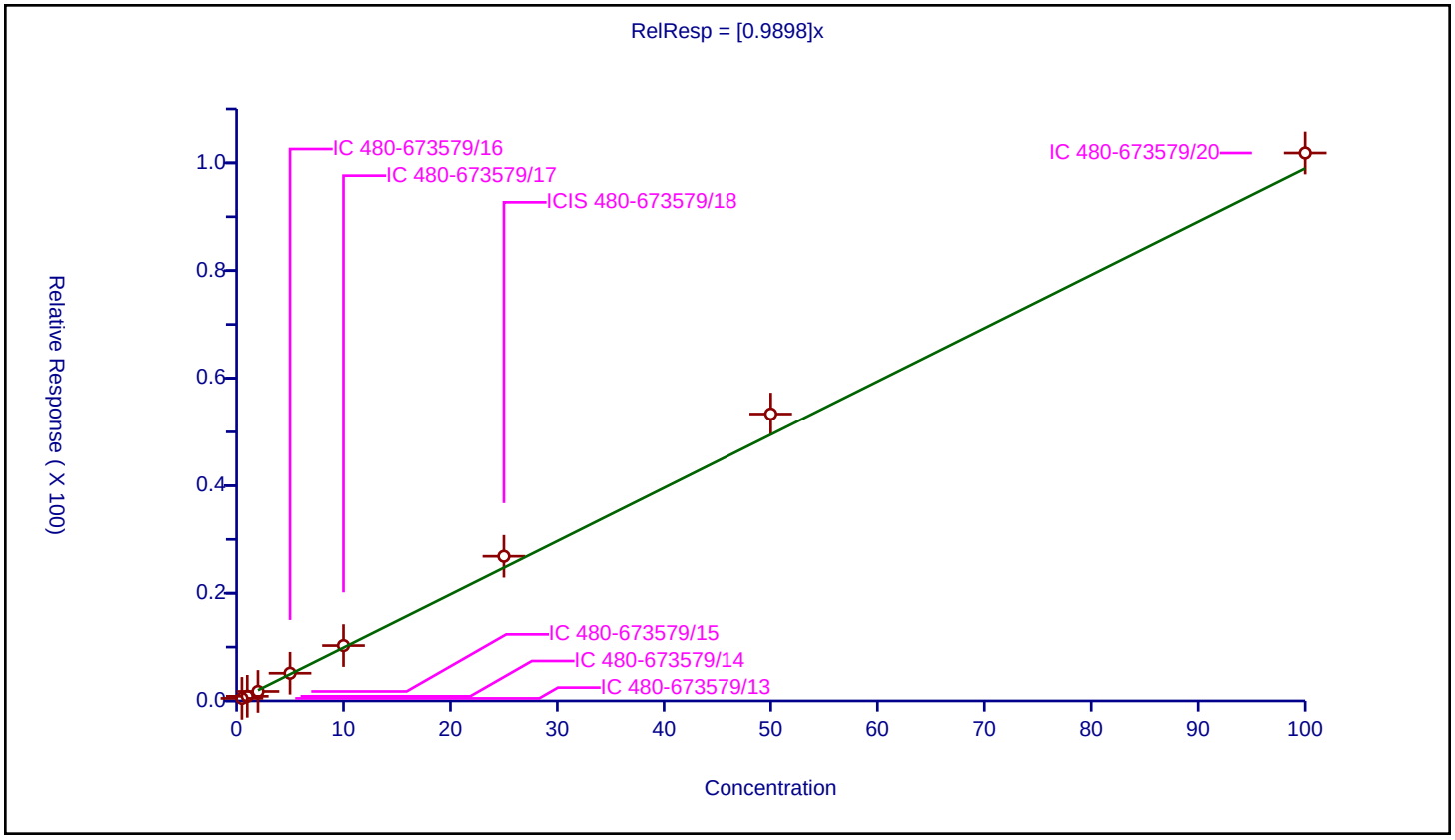
Curve Coefficients

Intercept:	0
Slope:	0.9898

Error Coefficients

Standard Error:	407000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.478817	25.0	216732.0	0.957634	Y
2	IC 480-673579/14	1.0	0.863352	25.0	217756.0	0.863352	Y
3	IC 480-673579/15	2.0	1.761033	25.0	211623.0	0.880516	Y
4	IC 480-673579/16	5.0	5.143753	25.0	214221.0	1.028751	Y
5	IC 480-673579/17	10.0	10.284185	25.0	218819.0	1.028418	Y
6	ICIS 480-673579/18	25.0	26.870269	25.0	215183.0	1.074811	Y
7	IC 480-673579/19	50.0	53.334062	25.0	224141.0	1.066681	Y
8	IC 480-673579/20	100.0	101.835355	25.0	228498.0	1.018354	Y



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Calibration / cis-1,2-Dichloroethene

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

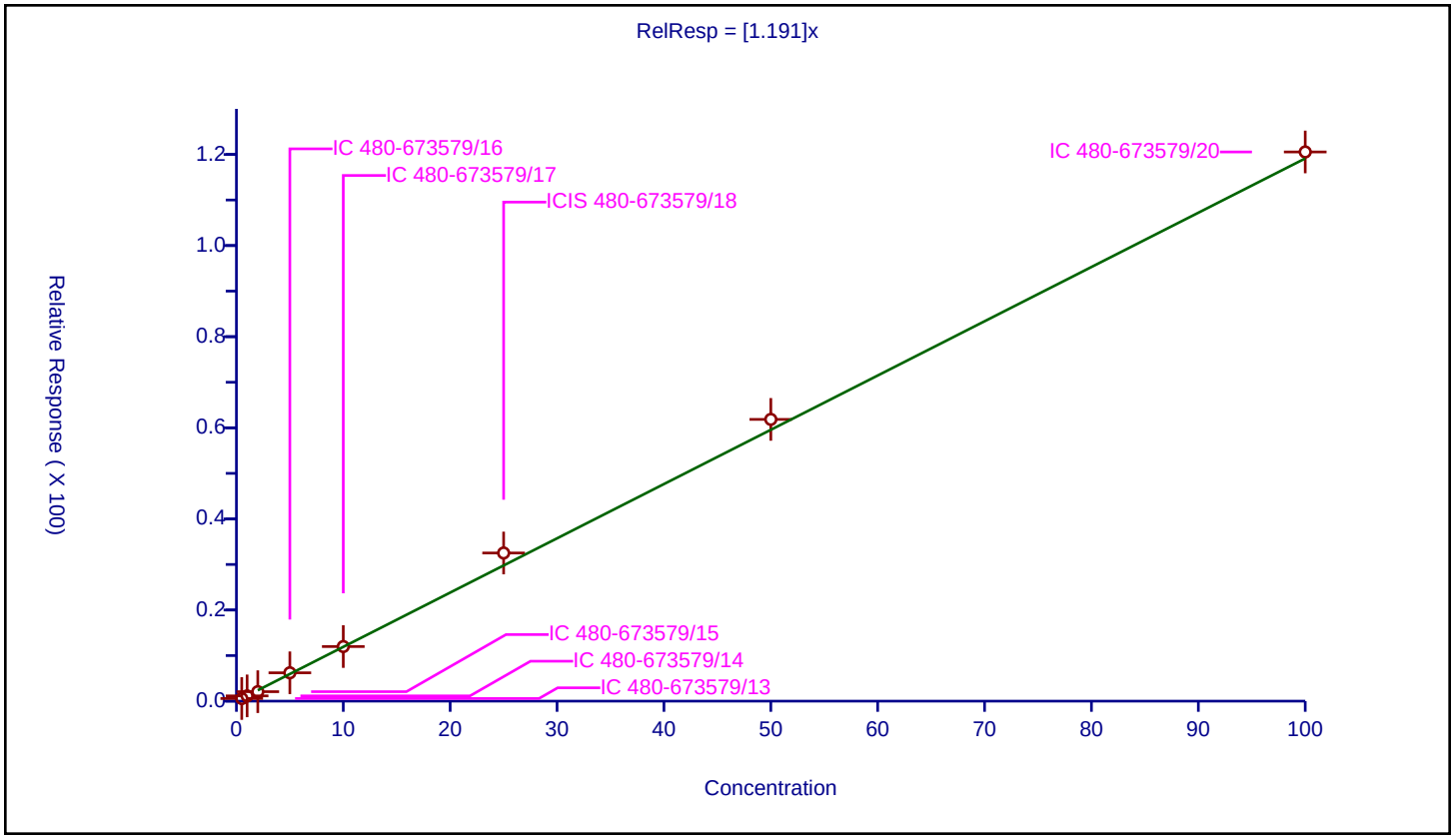
Curve Coefficients

Intercept:	0
Slope:	1.191

Error Coefficients

Standard Error:	480000
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	IC 480-673579/13	0.5	0.573519	25.0	216732.0	1.147039	Y
2	IC 480-673579/14	1.0	1.157144	25.0	217756.0	1.157144	Y
3	IC 480-673579/15	2.0	2.079169	25.0	211623.0	1.039585	Y
4	IC 480-673579/16	5.0	6.221379	25.0	214221.0	1.244276	Y
5	IC 480-673579/17	10.0	11.984334	25.0	218819.0	1.198433	Y
6	ICIS 480-673579/18	25.0	32.518136	25.0	215183.0	1.300725	Y
7	IC 480-673579/19	50.0	61.844776	25.0	224141.0	1.236896	Y
8	IC 480-673579/20	100.0	120.546679	25.0	228498.0	1.205467	Y



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Calibration / 2-Butanone (MEK)

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

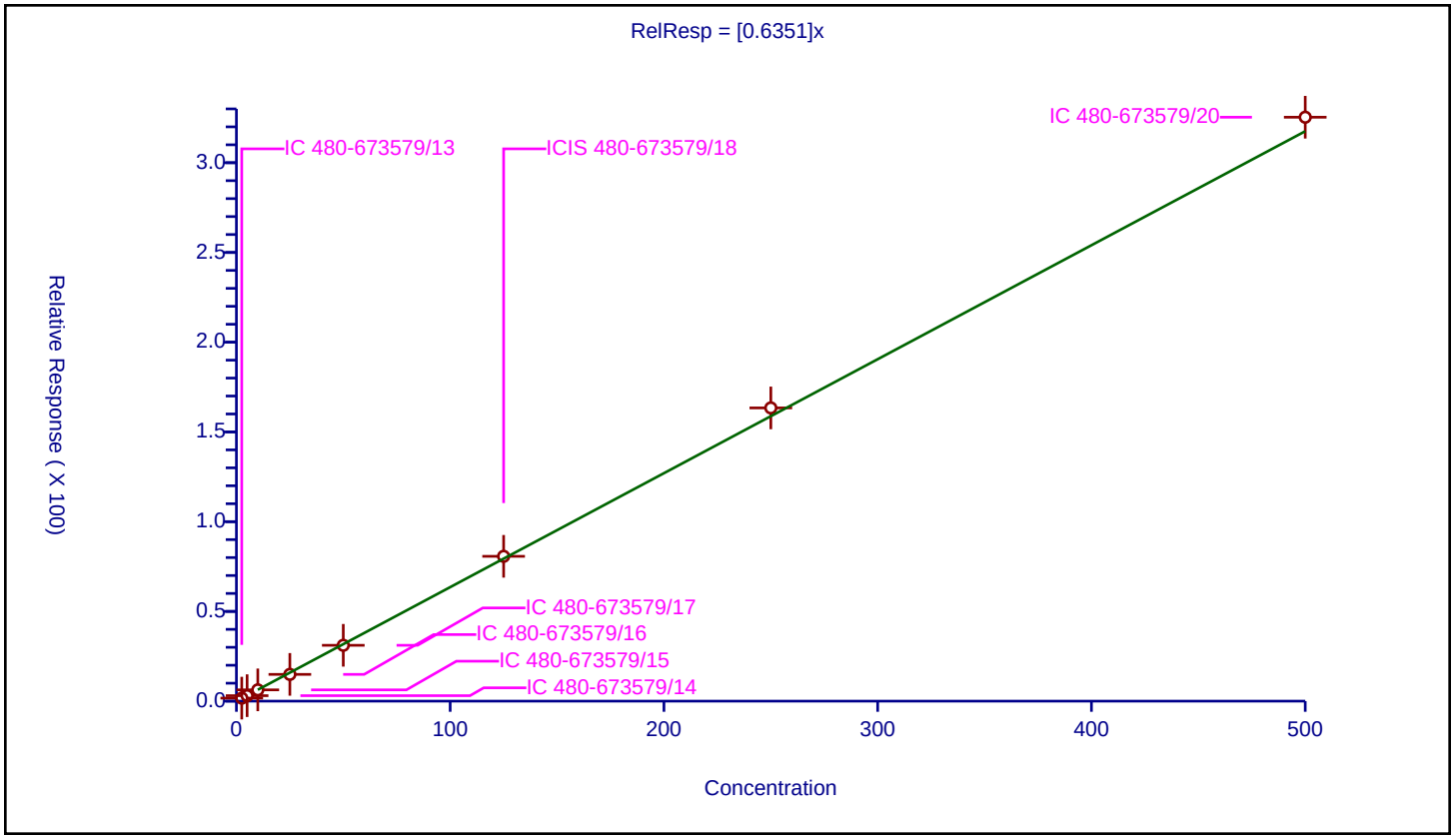
Curve Coefficients

Intercept:	0
Slope:	0.6351

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	2.5	1.687222	25.0	216732.0	0.674889	Y
2	IC 480-673579/14	5.0	3.044348	25.0	217756.0	0.60887	Y
3	IC 480-673579/15	10.0	6.286651	25.0	211623.0	0.628665	Y
4	IC 480-673579/16	25.0	14.904468	25.0	214221.0	0.596179	Y
5	IC 480-673579/17	50.0	31.106874	25.0	218819.0	0.622137	Y
6	ICIS 480-673579/18	125.0	80.696663	25.0	215183.0	0.645573	Y
7	IC 480-673579/19	250.0	163.386774	25.0	224141.0	0.653547	Y
8	IC 480-673579/20	500.0	325.353395	25.0	228498.0	0.650707	Y



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Calibration / Chlorobromomethane

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

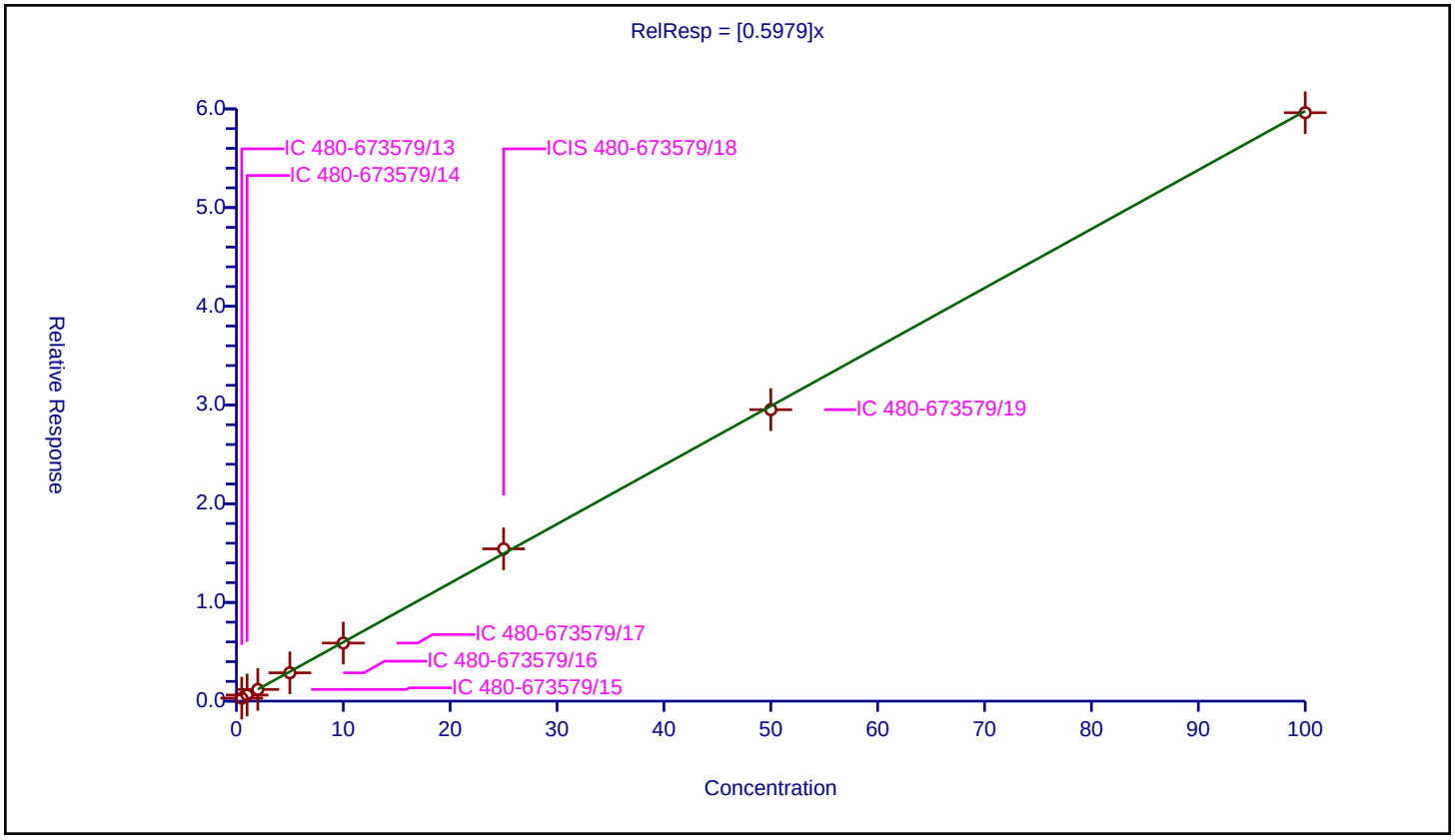
Curve Coefficients

Intercept:	0
Slope:	0.5979

Error Coefficients

Standard Error:	235000
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	IC 480-673579/13	0.5	0.303716	25.0	216732.0	0.607432	Y
2	IC 480-673579/14	1.0	0.616631	25.0	217756.0	0.616631	Y
3	IC 480-673579/15	2.0	1.185835	25.0	211623.0	0.592918	Y
4	IC 480-673579/16	5.0	2.868883	25.0	214221.0	0.573777	Y
5	IC 480-673579/17	10.0	5.884658	25.0	218819.0	0.588466	Y
6	ICIS 480-673579/18	25.0	15.427566	25.0	215183.0	0.617103	Y
7	IC 480-673579/19	50.0	29.529069	25.0	224141.0	0.590581	Y
8	IC 480-673579/20	100.0	59.610478	25.0	228498.0	0.596105	Y



Calibration / Tetrahydrofuran

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

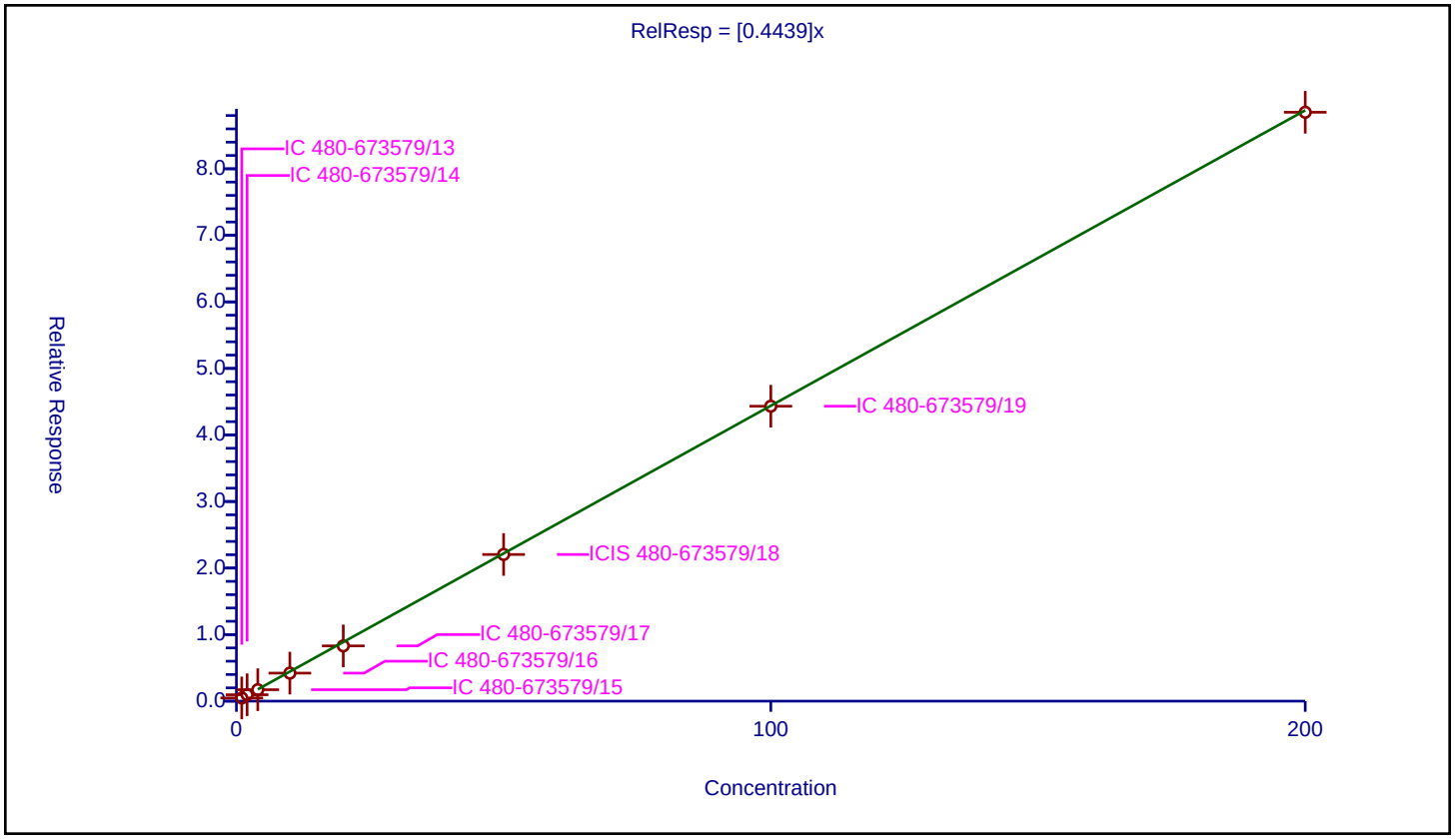
Curve Coefficients

Intercept:	0
Slope:	0.4439

Error Coefficients

Standard Error:	349000
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	IC 480-673579/13	1.0	0.477087	25.0	216732.0	0.477087	Y
2	IC 480-673579/14	2.0	0.962775	25.0	217756.0	0.481387	Y
3	IC 480-673579/15	4.0	1.719449	25.0	211623.0	0.429862	Y
4	IC 480-673579/16	10.0	4.213522	25.0	214221.0	0.421352	Y
5	IC 480-673579/17	20.0	8.304123	25.0	218819.0	0.415206	Y
6	ICIS 480-673579/18	50.0	22.03938	25.0	215183.0	0.440788	Y
7	IC 480-673579/19	100.0	44.321543	25.0	224141.0	0.443215	Y
8	IC 480-673579/20	200.0	88.493335	25.0	228498.0	0.442467	Y



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Calibration / Chloroform

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

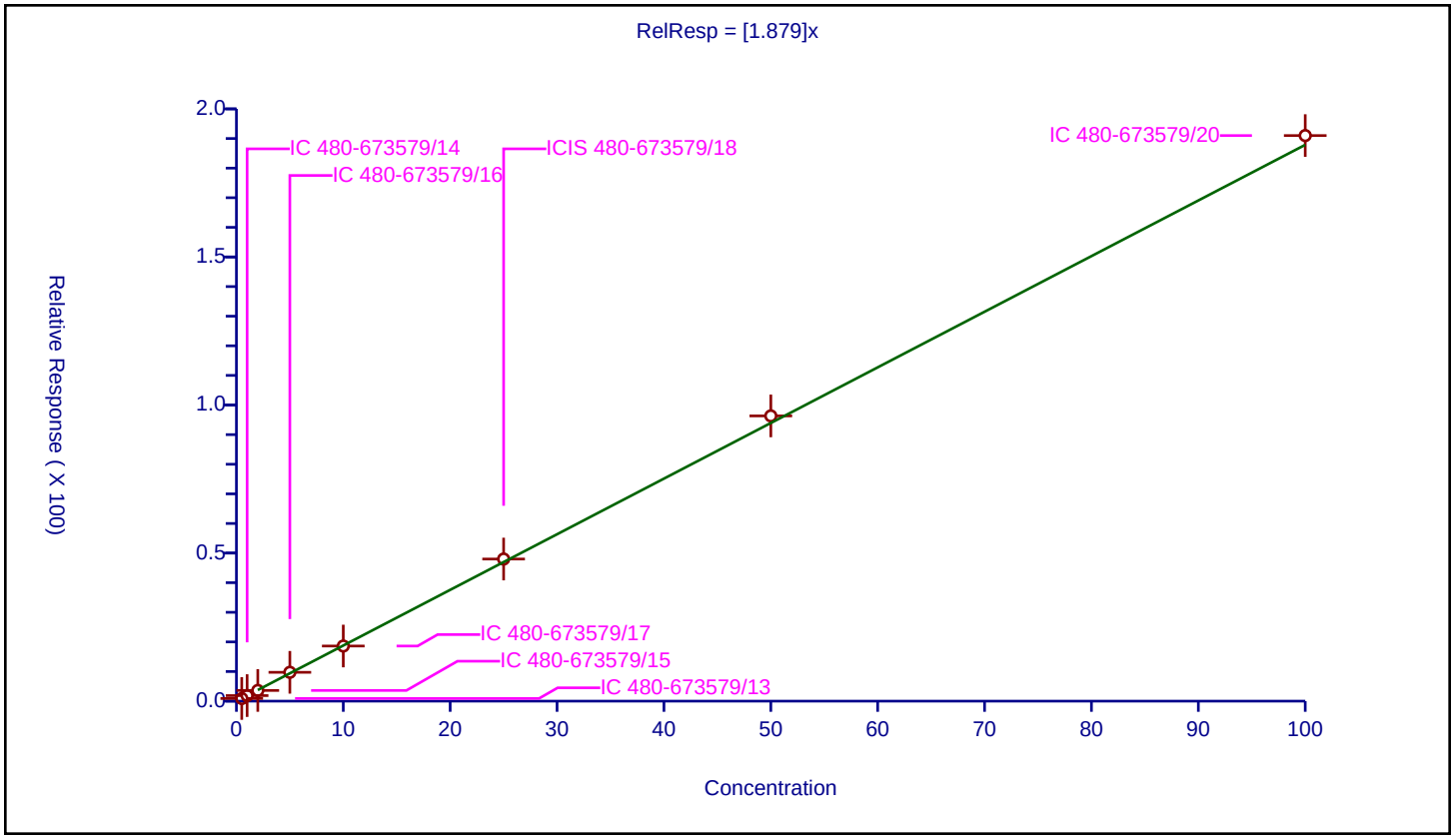
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.890616	25.0	216732.0	1.781232	Y
2	IC 480-673579/14	1.0	1.879168	25.0	217756.0	1.879168	Y
3	IC 480-673579/15	2.0	3.607831	25.0	211623.0	1.803915	Y
4	IC 480-673579/16	5.0	9.73364	25.0	214221.0	1.946728	Y
5	IC 480-673579/17	10.0	18.611387	25.0	218819.0	1.861139	Y
6	ICIS 480-673579/18	25.0	47.991012	25.0	215183.0	1.91964	Y
7	IC 480-673579/19	50.0	96.327981	25.0	224141.0	1.92656	Y
8	IC 480-673579/20	100.0	190.98909	25.0	228498.0	1.909891	Y



7/12/2023
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Calibration / 1,1,1-Trichloroethane

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

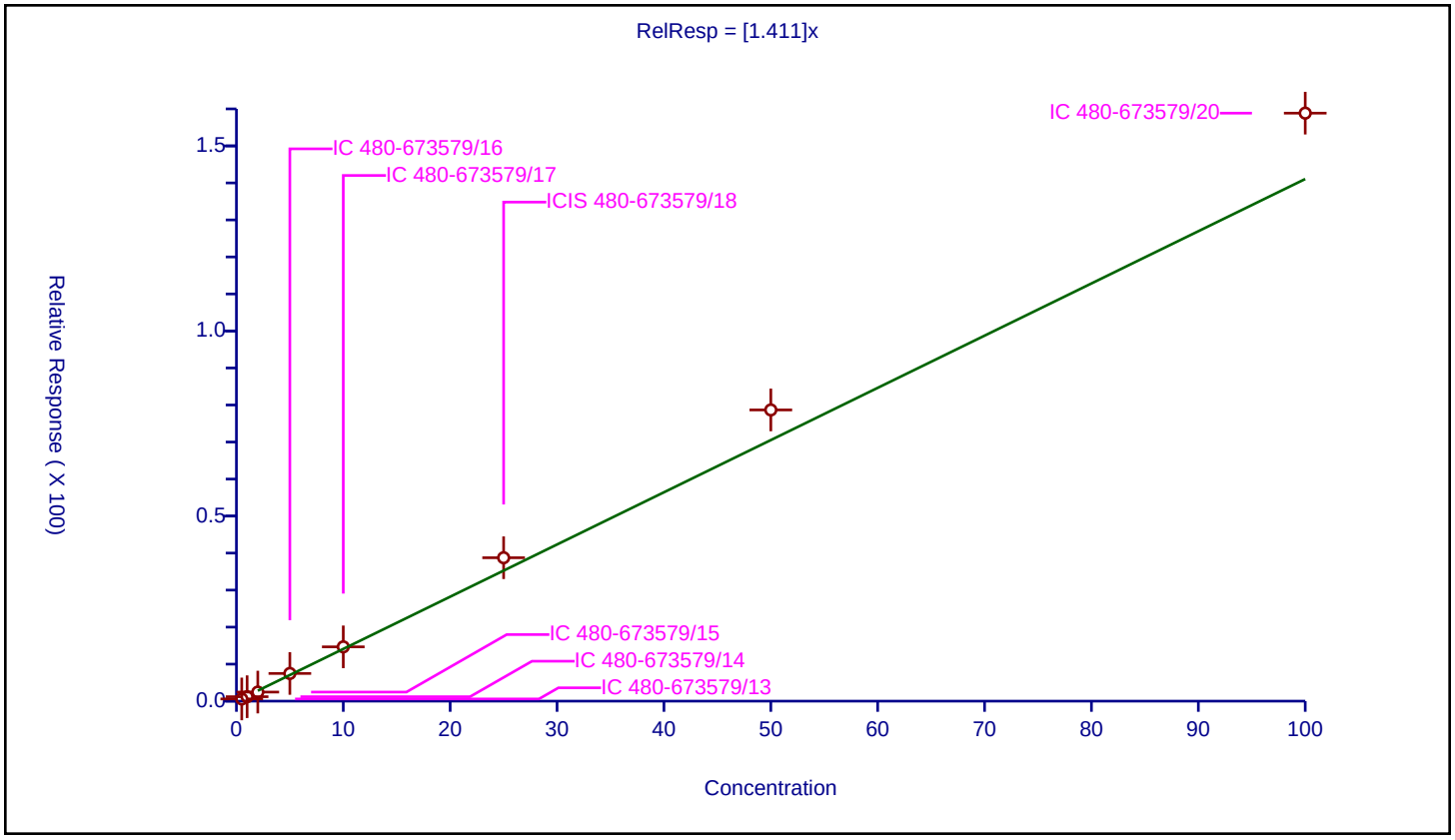
Curve Coefficients

Intercept:	0
Slope:	1.411

Error Coefficients

Standard Error:	625000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.59359	25.0	216732.0	1.18718	Y
2	IC 480-673579/14	1.0	1.198245	25.0	217756.0	1.198245	Y
3	IC 480-673579/15	2.0	2.449994	25.0	211623.0	1.224997	Y
4	IC 480-673579/16	5.0	7.478025	25.0	214221.0	1.495605	Y
5	IC 480-673579/17	10.0	14.667259	25.0	218819.0	1.466726	Y
6	ICIS 480-673579/18	25.0	38.742954	25.0	215183.0	1.549718	Y
7	IC 480-673579/19	50.0	78.672465	25.0	224141.0	1.573449	Y
8	IC 480-673579/20	100.0	158.852156	25.0	228498.0	1.588522	Y



Calibration / Cyclohexane

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

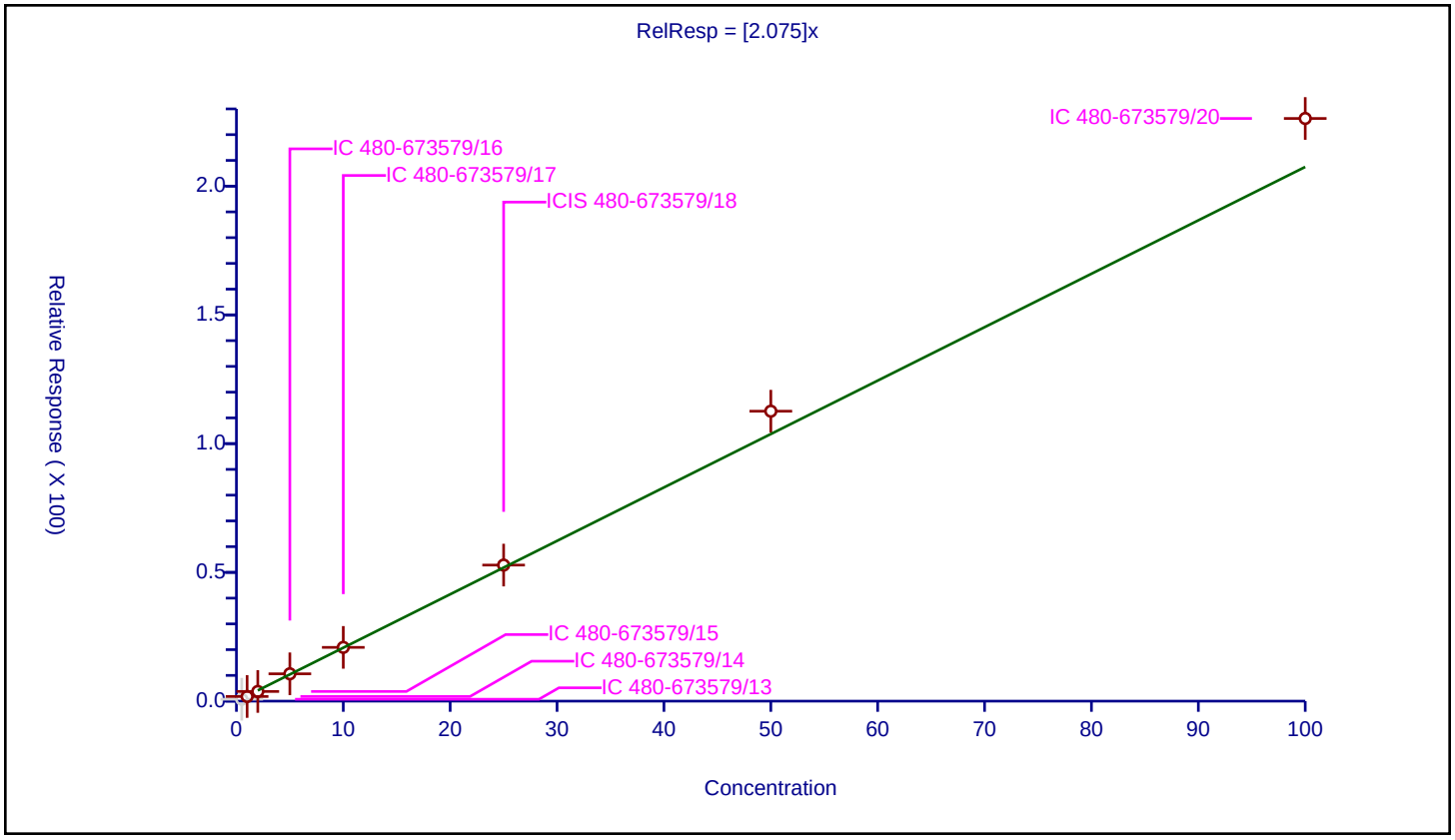
Curve Coefficients

Intercept:	0
Slope:	2.075

Error Coefficients

Standard Error:	961000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.737431	25.0	216732.0	1.474863	N
2	IC 480-673579/14	1.0	1.80018	25.0	217756.0	1.80018	Y
3	IC 480-673579/15	2.0	3.764123	25.0	211623.0	1.882061	Y
4	IC 480-673579/16	5.0	10.620807	25.0	214221.0	2.124161	Y
5	IC 480-673579/17	10.0	20.878557	25.0	218819.0	2.087856	Y
6	ICIS 480-673579/18	25.0	52.839444	25.0	215183.0	2.113578	Y
7	IC 480-673579/19	50.0	112.599212	25.0	224141.0	2.251984	Y
8	IC 480-673579/20	100.0	226.280536	25.0	228498.0	2.262805	Y



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Calibration / Dibromofluoromethane (Surr)

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

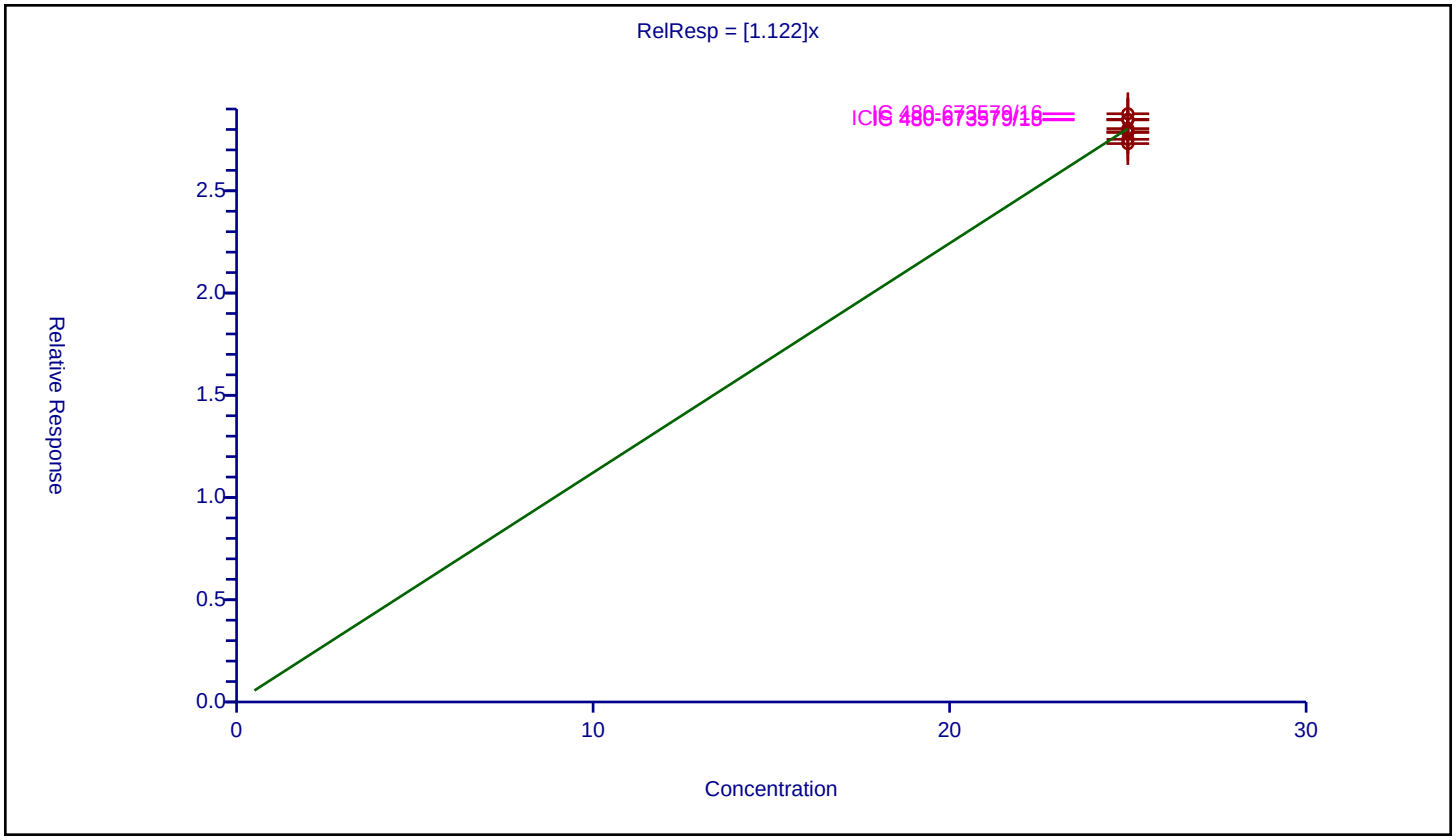
Curve Coefficients

Intercept:	0
Slope:	1.122

Error Coefficients

Standard Error:	262000
Relative Standard Error:	1.8
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	25.0	27.887668	25.0	216732.0	1.115507	Y
2	IC 480-673579/14	25.0	27.308662	25.0	217756.0	1.092346	Y
3	IC 480-673579/15	25.0	28.468196	25.0	211623.0	1.138728	Y
4	IC 480-673579/16	25.0	28.767838	25.0	214221.0	1.150714	Y
5	IC 480-673579/17	25.0	27.518863	25.0	218819.0	1.100755	Y
6	ICIS 480-673579/18	25.0	28.493887	25.0	215183.0	1.139755	Y
7	IC 480-673579/19	25.0	28.041947	25.0	224141.0	1.121678	Y
8	IC 480-673579/20	25.0	27.8509	25.0	228498.0	1.114036	Y



Calibration / Carbon tetrachloride

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

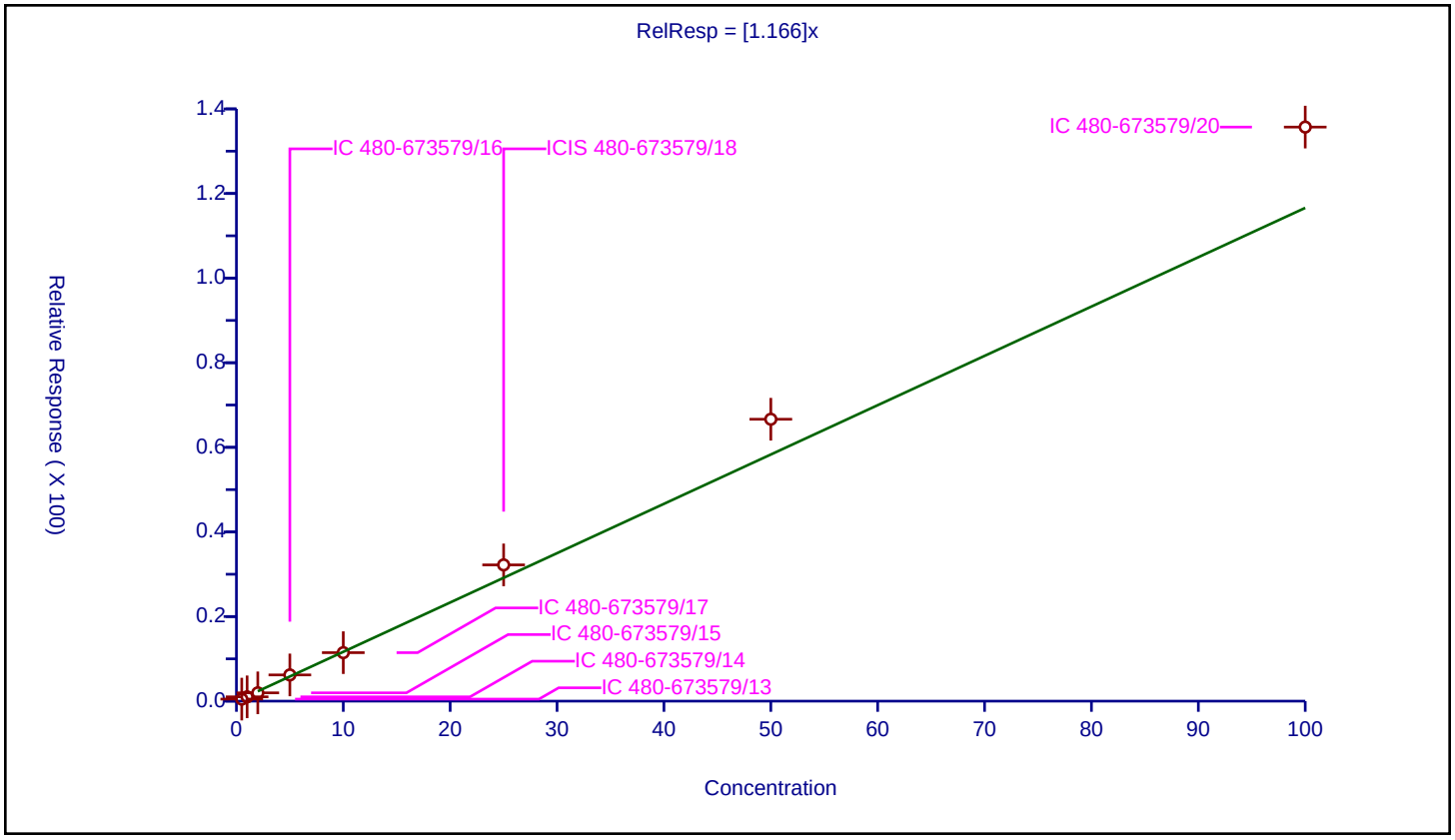
Curve Coefficients

Intercept:	0
Slope:	1.166

Error Coefficients

Standard Error:	533000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.484469	25.0	216732.0	0.968939	Y
2	IC 480-673579/14	1.0	1.014668	25.0	217756.0	1.014668	Y
3	IC 480-673579/15	2.0	1.959026	25.0	211623.0	0.979513	Y
4	IC 480-673579/16	5.0	6.200956	25.0	214221.0	1.240191	Y
5	IC 480-673579/17	10.0	11.463356	25.0	218819.0	1.146336	Y
6	ICIS 480-673579/18	25.0	32.206889	25.0	215183.0	1.288276	Y
7	IC 480-673579/19	50.0	66.639191	25.0	224141.0	1.332784	Y
8	IC 480-673579/20	100.0	135.701954	25.0	228498.0	1.35702	Y



Calibration / 1,1-Dichloropropene

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

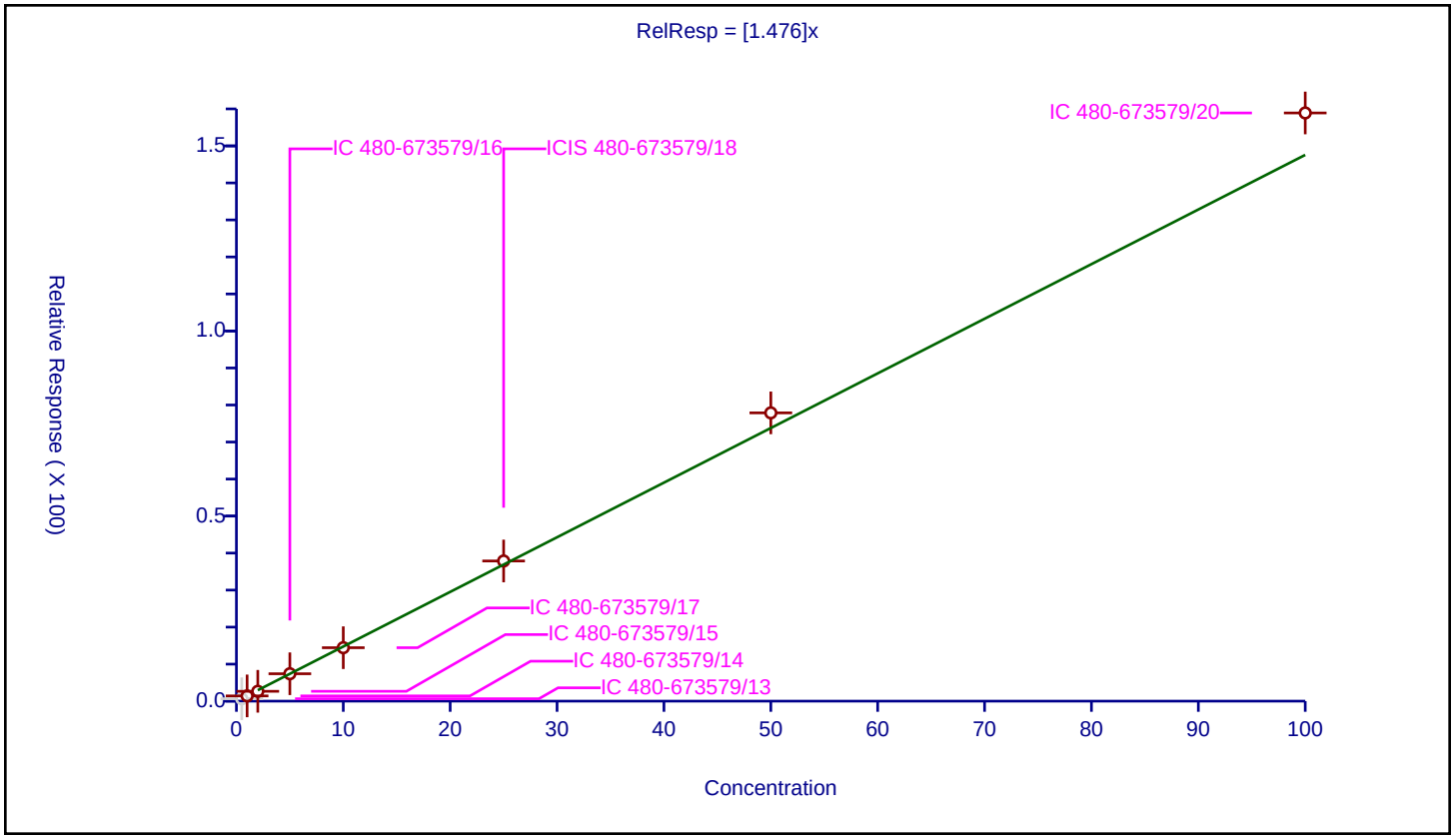
Curve Coefficients

Intercept:	0
Slope:	1.476

Error Coefficients

Standard Error:	674000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.649074	25.0	216732.0	1.298147	N
2	IC 480-673579/14	1.0	1.416608	25.0	217756.0	1.416608	Y
3	IC 480-673579/15	2.0	2.655548	25.0	211623.0	1.327774	Y
4	IC 480-673579/16	5.0	7.403336	25.0	214221.0	1.480667	Y
5	IC 480-673579/17	10.0	14.435904	25.0	218819.0	1.44359	Y
6	ICIS 480-673579/18	25.0	37.867536	25.0	215183.0	1.514701	Y
7	IC 480-673579/19	50.0	77.875757	25.0	224141.0	1.557515	Y
8	IC 480-673579/20	100.0	158.898437	25.0	228498.0	1.588984	Y



Calibration / Benzene

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

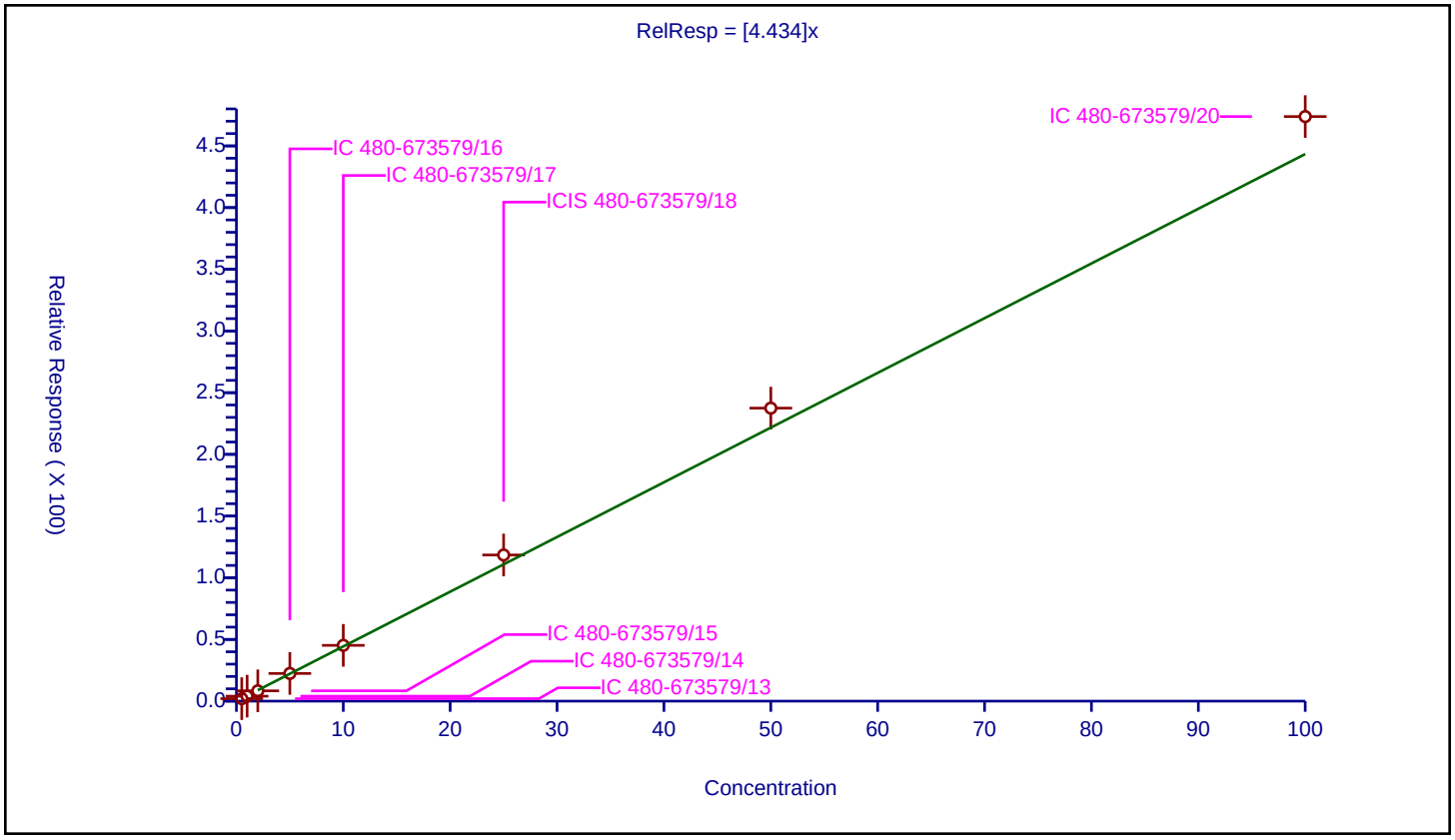
Curve Coefficients

Intercept:	0
Slope:	4.434

Error Coefficients

Standard Error:	1870000
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	IC 480-673579/13	0.5	2.0162	25.0	216732.0	4.032399	Y
2	IC 480-673579/14	1.0	4.034791	25.0	217756.0	4.034791	Y
3	IC 480-673579/15	2.0	8.336641	25.0	211623.0	4.168321	Y
4	IC 480-673579/16	5.0	22.444928	25.0	214221.0	4.488986	Y
5	IC 480-673579/17	10.0	45.210082	25.0	218819.0	4.521008	Y
6	ICIS 480-673579/18	25.0	118.463935	25.0	215183.0	4.738557	Y
7	IC 480-673579/19	50.0	237.47206	25.0	224141.0	4.749441	Y
8	IC 480-673579/20	100.0	473.788611	25.0	228498.0	4.737886	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

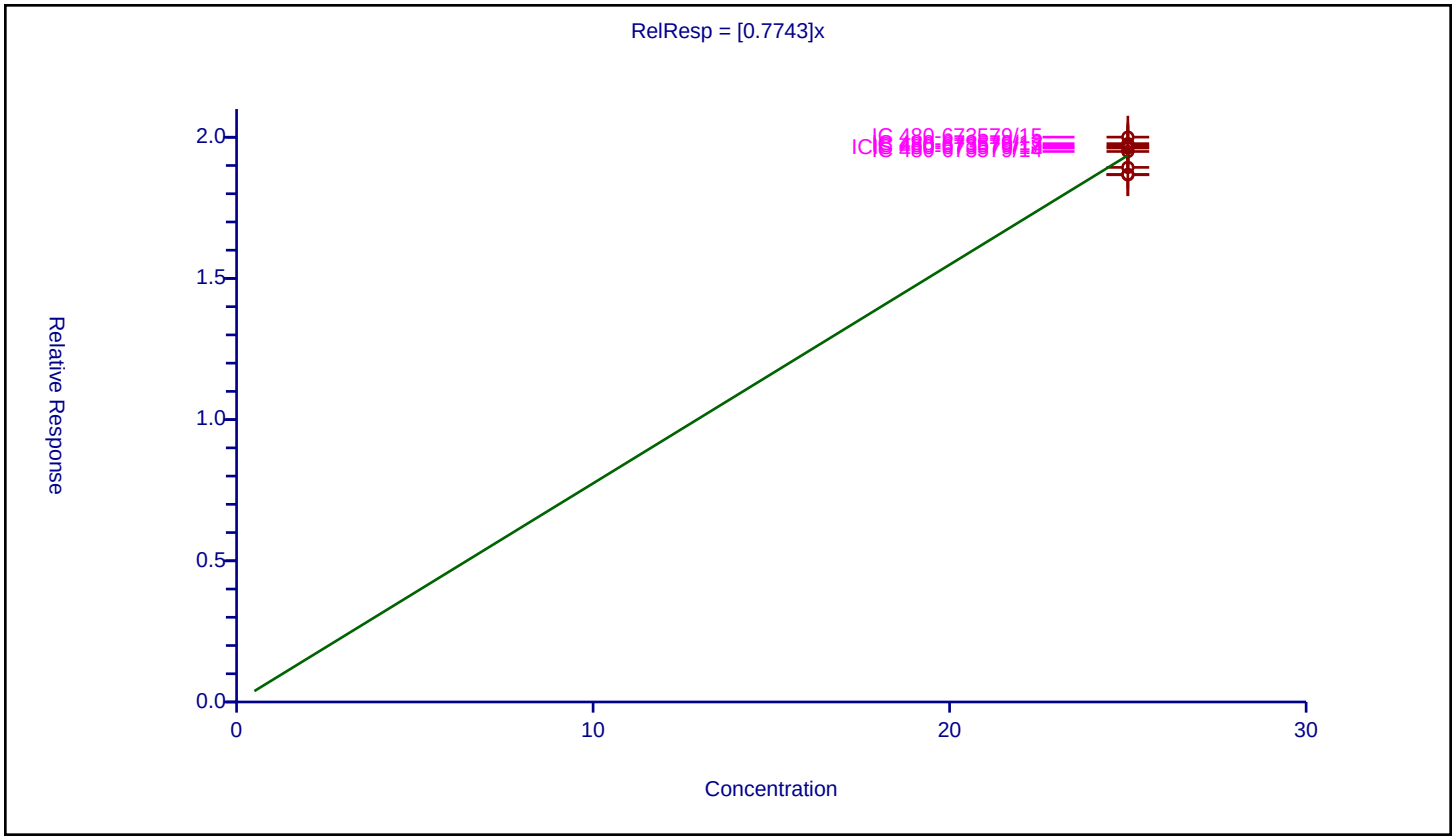
Curve Coefficients

Intercept:	0
Slope:	0.7743

Error Coefficients

Standard Error:	181000
Relative Standard Error:	2.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	25.0	19.773614	25.0	216732.0	0.790945	Y
2	IC 480-673579/14	25.0	19.4951	25.0	217756.0	0.779804	Y
3	IC 480-673579/15	25.0	20.004442	25.0	211623.0	0.800178	Y
4	IC 480-673579/16	25.0	18.670555	25.0	214221.0	0.746822	Y
5	IC 480-673579/17	25.0	19.681335	25.0	218819.0	0.787253	Y
6	ICIS 480-673579/18	25.0	19.619696	25.0	215183.0	0.784788	Y
7	IC 480-673579/19	25.0	18.932279	25.0	224141.0	0.757291	Y
8	IC 480-673579/20	25.0	18.683424	25.0	228498.0	0.747337	Y



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Calibration / Isobutyl alcohol

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

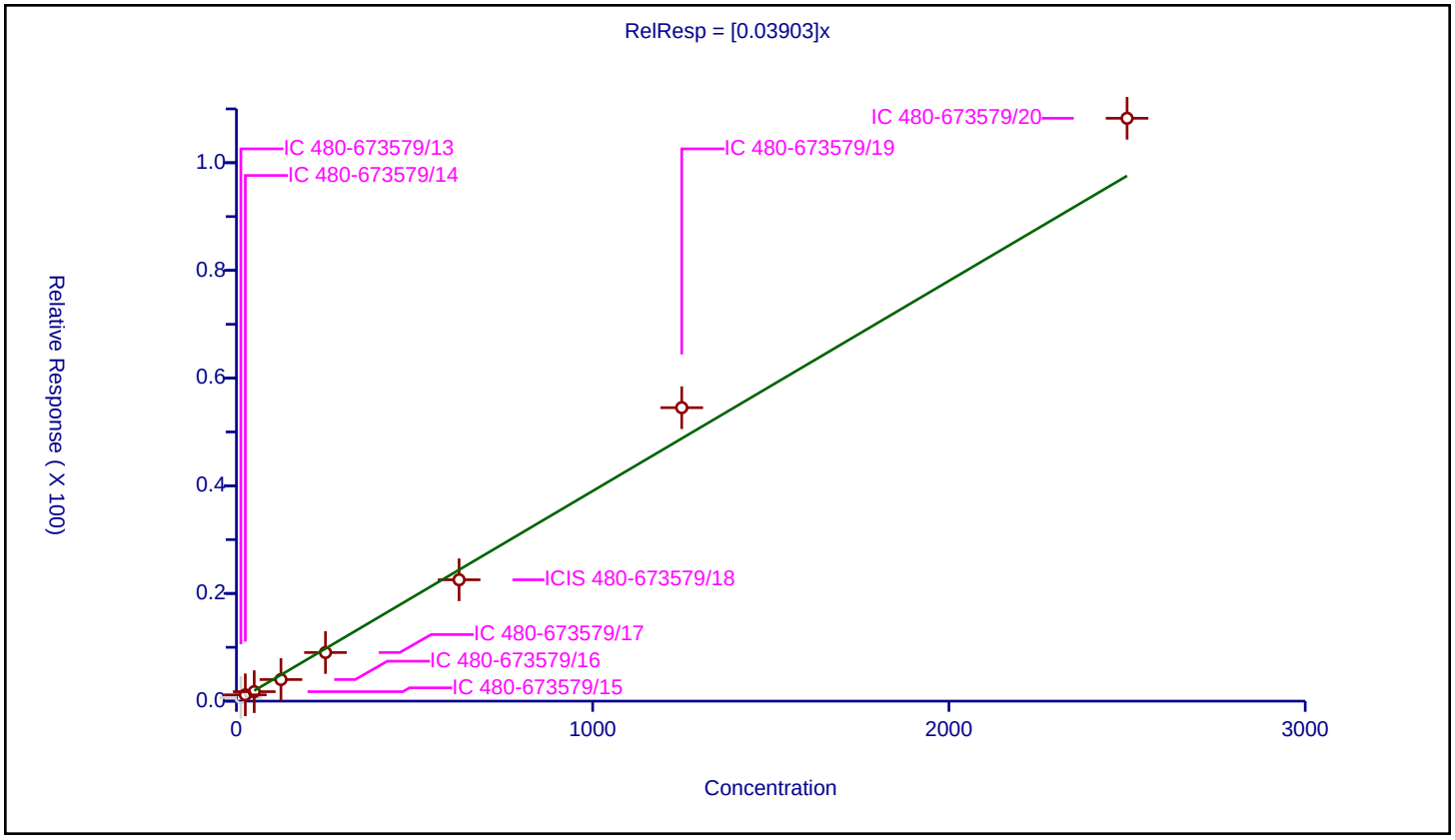
Curve Coefficients

Intercept:	0
Slope:	0.03903

Error Coefficients

Standard Error:	459000
Relative Standard Error:	14.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	12.5	0.672605	25.0	216732.0	0.053808	N
2	IC 480-673579/14	25.0	1.171839	25.0	217756.0	0.046874	Y
3	IC 480-673579/15	50.0	1.758906	25.0	211623.0	0.035178	Y
4	IC 480-673579/16	125.0	4.007194	25.0	214221.0	0.032058	Y
5	IC 480-673579/17	250.0	9.028809	25.0	218819.0	0.036115	Y
6	ICIS 480-673579/18	625.0	22.540349	25.0	215183.0	0.036065	Y
7	IC 480-673579/19	1250.0	54.506873	25.0	224141.0	0.043605	Y
8	IC 480-673579/20	2500.0	108.257731	25.0	228498.0	0.043303	Y



Calibration / 1,2-Dichloroethane

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

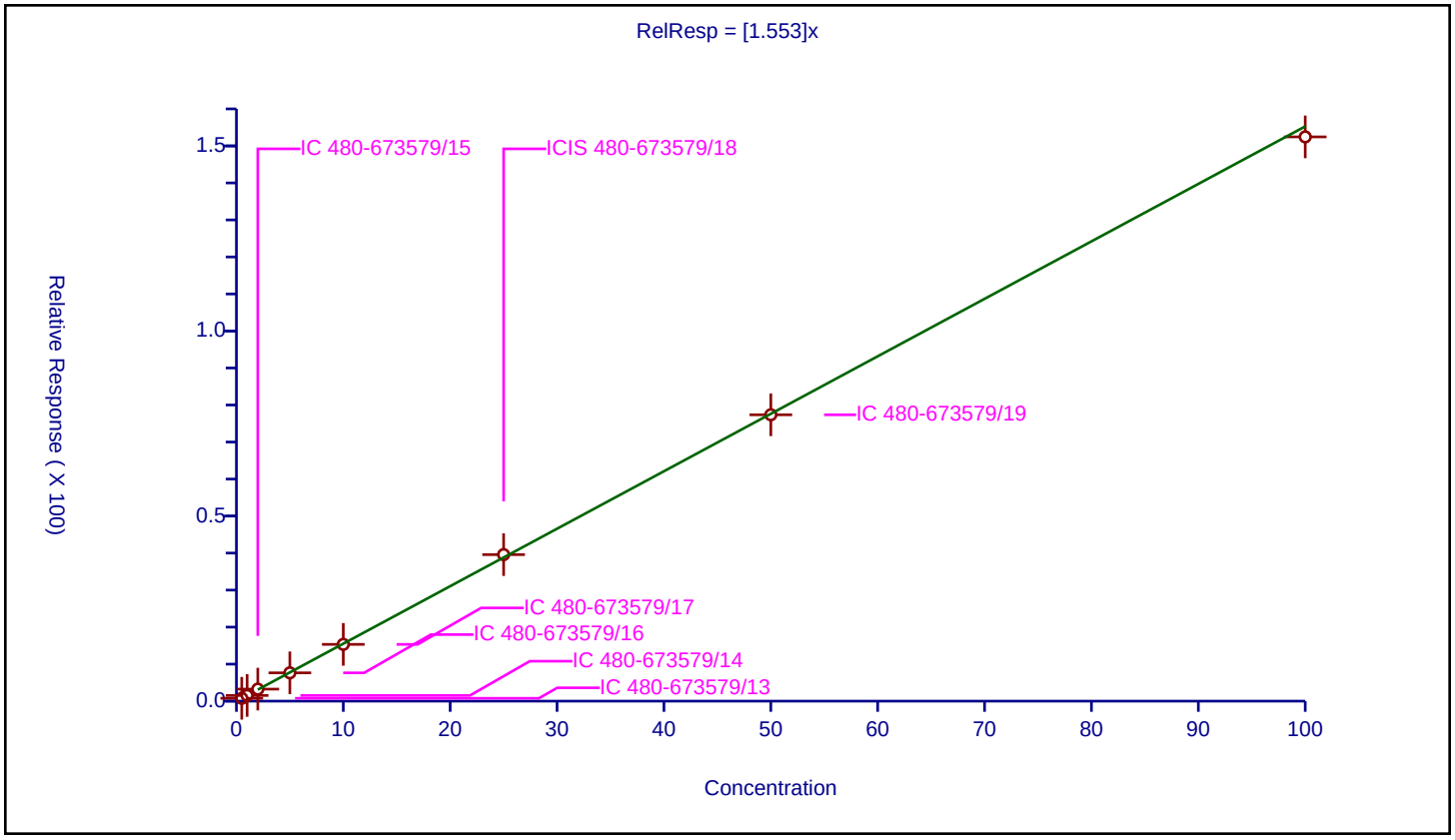
Curve Coefficients

Intercept:	0
Slope:	1.553

Error Coefficients

Standard Error:	605000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.773075	25.0	216732.0	1.546149	Y
2	IC 480-673579/14	1.0	1.533138	25.0	217756.0	1.533138	Y
3	IC 480-673579/15	2.0	3.246221	25.0	211623.0	1.62311	Y
4	IC 480-673579/16	5.0	7.646776	25.0	214221.0	1.529355	Y
5	IC 480-673579/17	10.0	15.339504	25.0	218819.0	1.53395	Y
6	ICIS 480-673579/18	25.0	39.585609	25.0	215183.0	1.583424	Y
7	IC 480-673579/19	50.0	77.363579	25.0	224141.0	1.547272	Y
8	IC 480-673579/20	100.0	152.436783	25.0	228498.0	1.524368	Y



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Calibration / n-Heptane

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

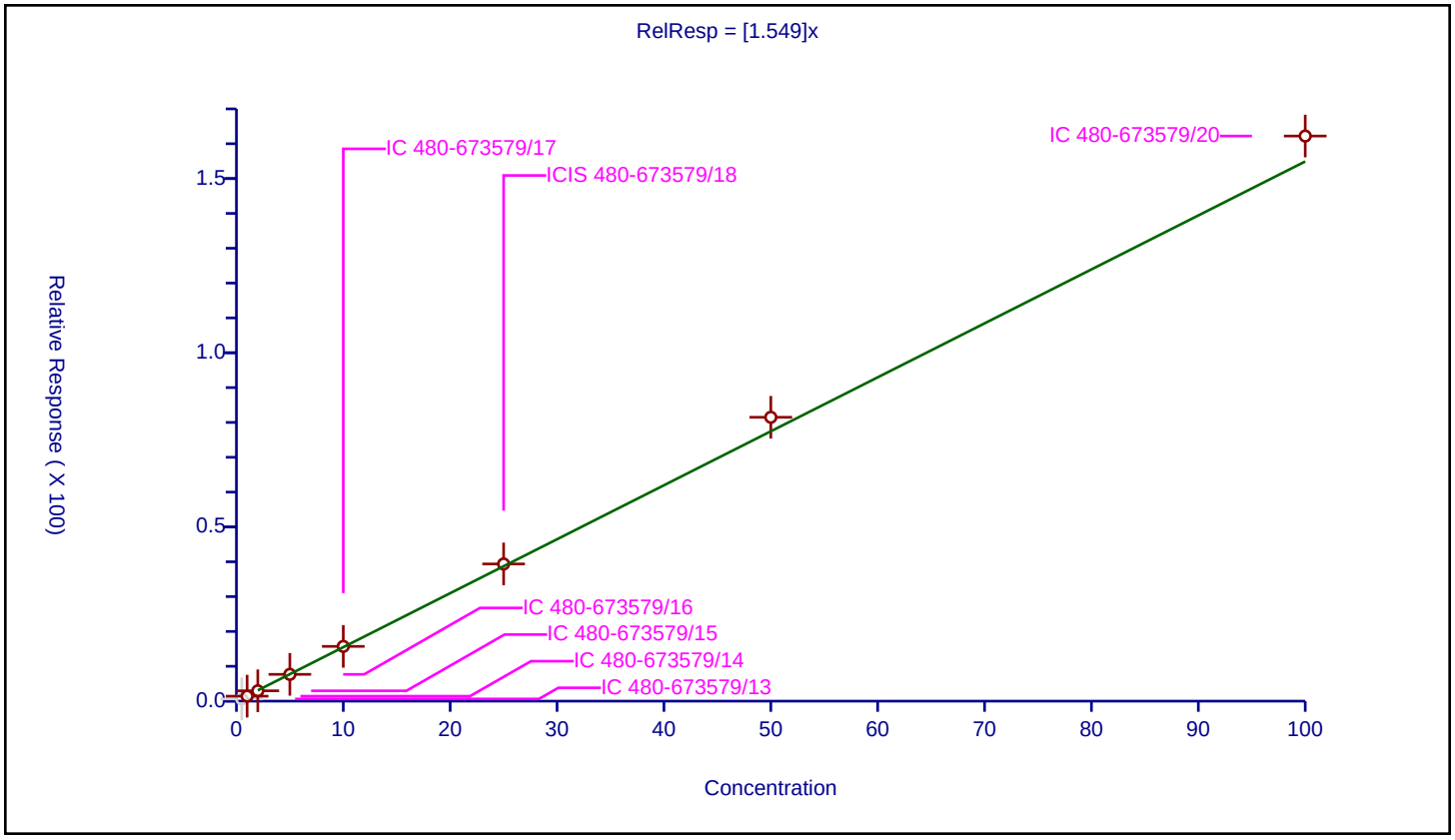
Curve Coefficients

Intercept:	0
Slope:	1.549

Error Coefficients

Standard Error:	692000
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	IC 480-673579/13	0.5	0.637077	25.0	216732.0	1.274154	N
2	IC 480-673579/14	1.0	1.426597	25.0	217756.0	1.426597	Y
3	IC 480-673579/15	2.0	2.963879	25.0	211623.0	1.48194	Y
4	IC 480-673579/16	5.0	7.685288	25.0	214221.0	1.537058	Y
5	IC 480-673579/17	10.0	15.712073	25.0	218819.0	1.571207	Y
6	ICIS 480-673579/18	25.0	39.372883	25.0	215183.0	1.574915	Y
7	IC 480-673579/19	50.0	81.47695	25.0	224141.0	1.629539	Y
8	IC 480-673579/20	100.0	162.207437	25.0	228498.0	1.622074	Y



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Calibration / Trichloroethene

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

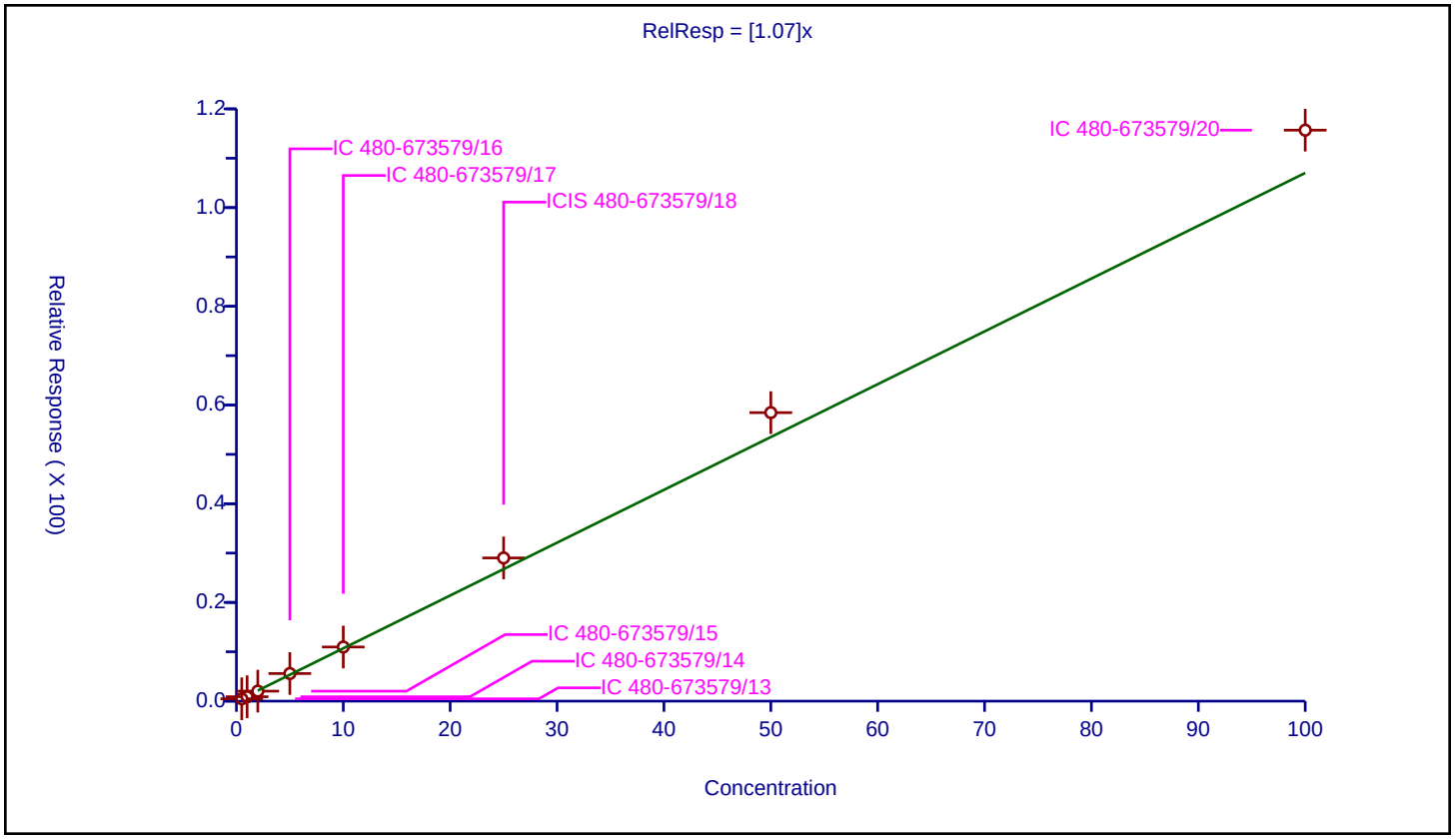
Curve Coefficients

Intercept:	0
Slope:	1.07

Error Coefficients

Standard Error:	458000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.476164	25.0	216732.0	0.952328	Y
2	IC 480-673579/14	1.0	0.894924	25.0	217756.0	0.894924	Y
3	IC 480-673579/15	2.0	2.025772	25.0	211623.0	1.012886	Y
4	IC 480-673579/16	5.0	5.591655	25.0	214221.0	1.118331	Y
5	IC 480-673579/17	10.0	10.965798	25.0	218819.0	1.09658	Y
6	ICIS 480-673579/18	25.0	29.015652	25.0	215183.0	1.160626	Y
7	IC 480-673579/19	50.0	58.455392	25.0	224141.0	1.169108	Y
8	IC 480-673579/20	100.0	115.688759	25.0	228498.0	1.156888	Y



Calibration / Methylcyclohexane

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

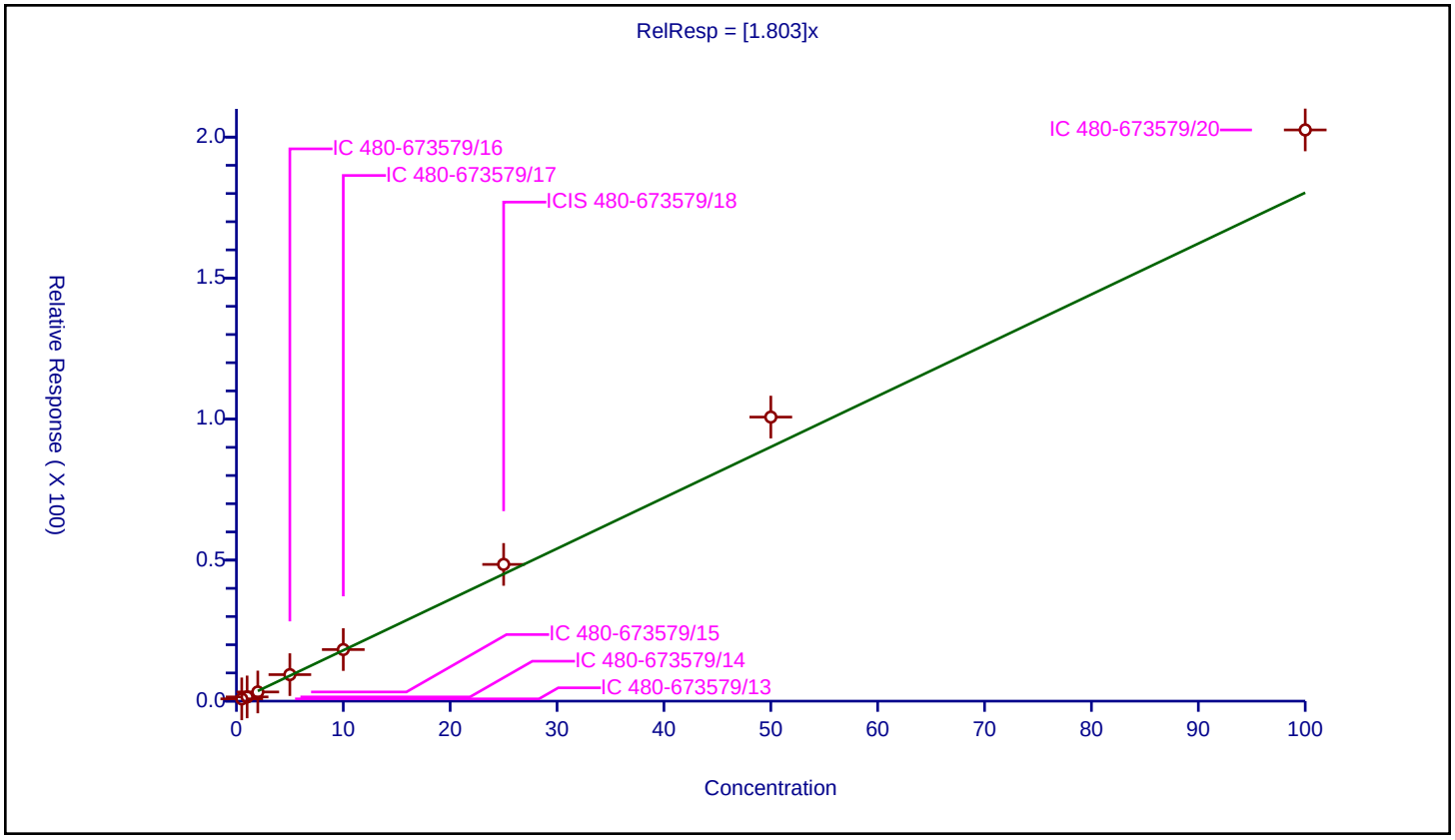
Curve Coefficients

Intercept:	0
Slope:	1.803

Error Coefficients

Standard Error:	797000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.805949	25.0	216732.0	1.611899	Y
2	IC 480-673579/14	1.0	1.493874	25.0	217756.0	1.493874	Y
3	IC 480-673579/15	2.0	3.257798	25.0	211623.0	1.628899	Y
4	IC 480-673579/16	5.0	9.400689	25.0	214221.0	1.880138	Y
5	IC 480-673579/17	10.0	18.285318	25.0	218819.0	1.828532	Y
6	ICIS 480-673579/18	25.0	48.483152	25.0	215183.0	1.939326	Y
7	IC 480-673579/19	50.0	100.724209	25.0	224141.0	2.014484	Y
8	IC 480-673579/20	100.0	202.53558	25.0	228498.0	2.025356	Y



Calibration / 1,2-Dichloropropane

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

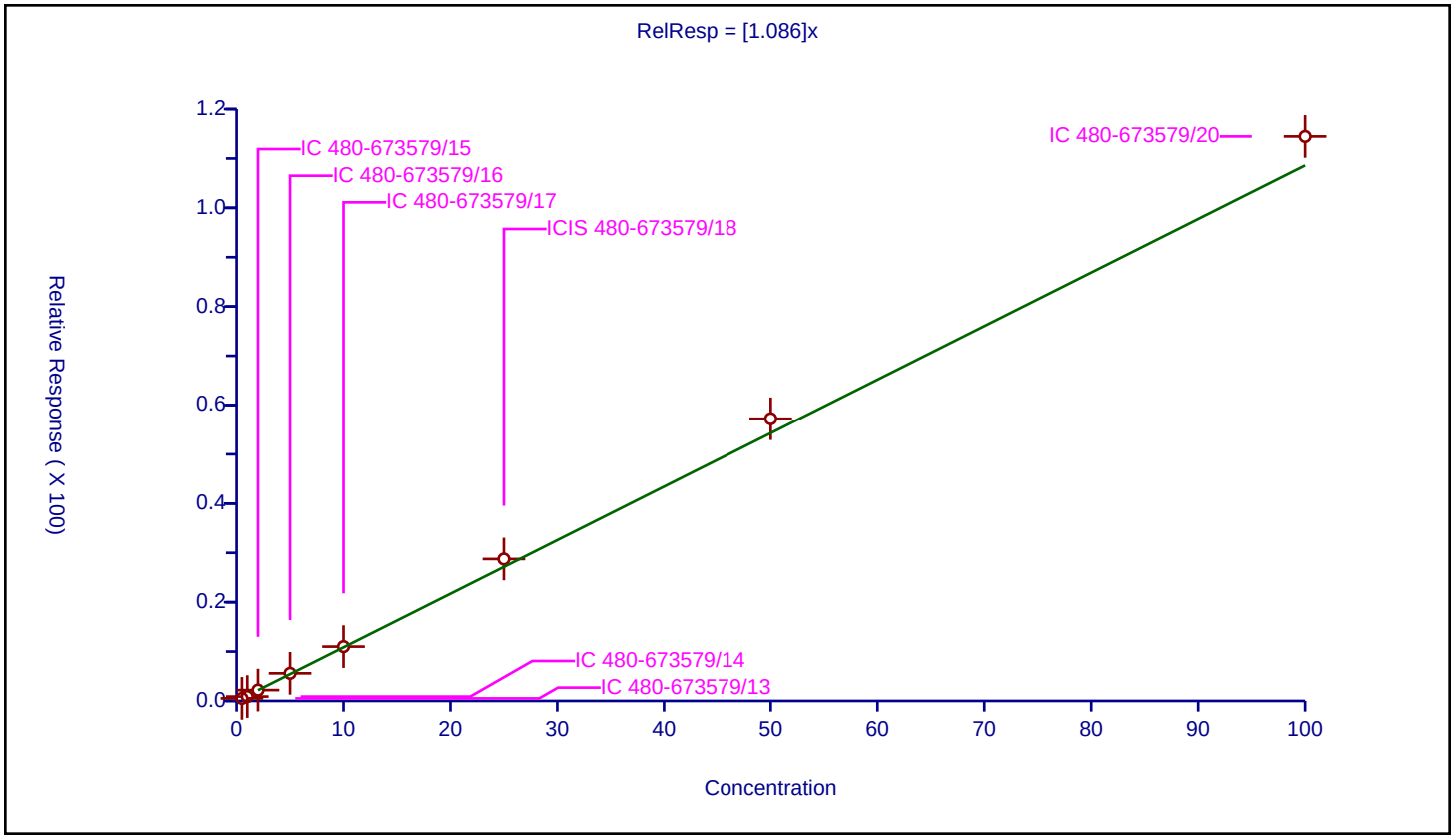
Curve Coefficients

Intercept:	0
Slope:	1.086

Error Coefficients

Standard Error:	452000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.520574	25.0	216732.0	1.041148	Y
2	IC 480-673579/14	1.0	0.88792	25.0	217756.0	0.88792	Y
3	IC 480-673579/15	2.0	2.19943	25.0	211623.0	1.099715	Y
4	IC 480-673579/16	5.0	5.595973	25.0	214221.0	1.119195	Y
5	IC 480-673579/17	10.0	11.005786	25.0	218819.0	1.100579	Y
6	ICIS 480-673579/18	25.0	28.755757	25.0	215183.0	1.15023	Y
7	IC 480-673579/19	50.0	57.224693	25.0	224141.0	1.144494	Y
8	IC 480-673579/20	100.0	114.462162	25.0	228498.0	1.144622	Y



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Calibration / Dibromomethane

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

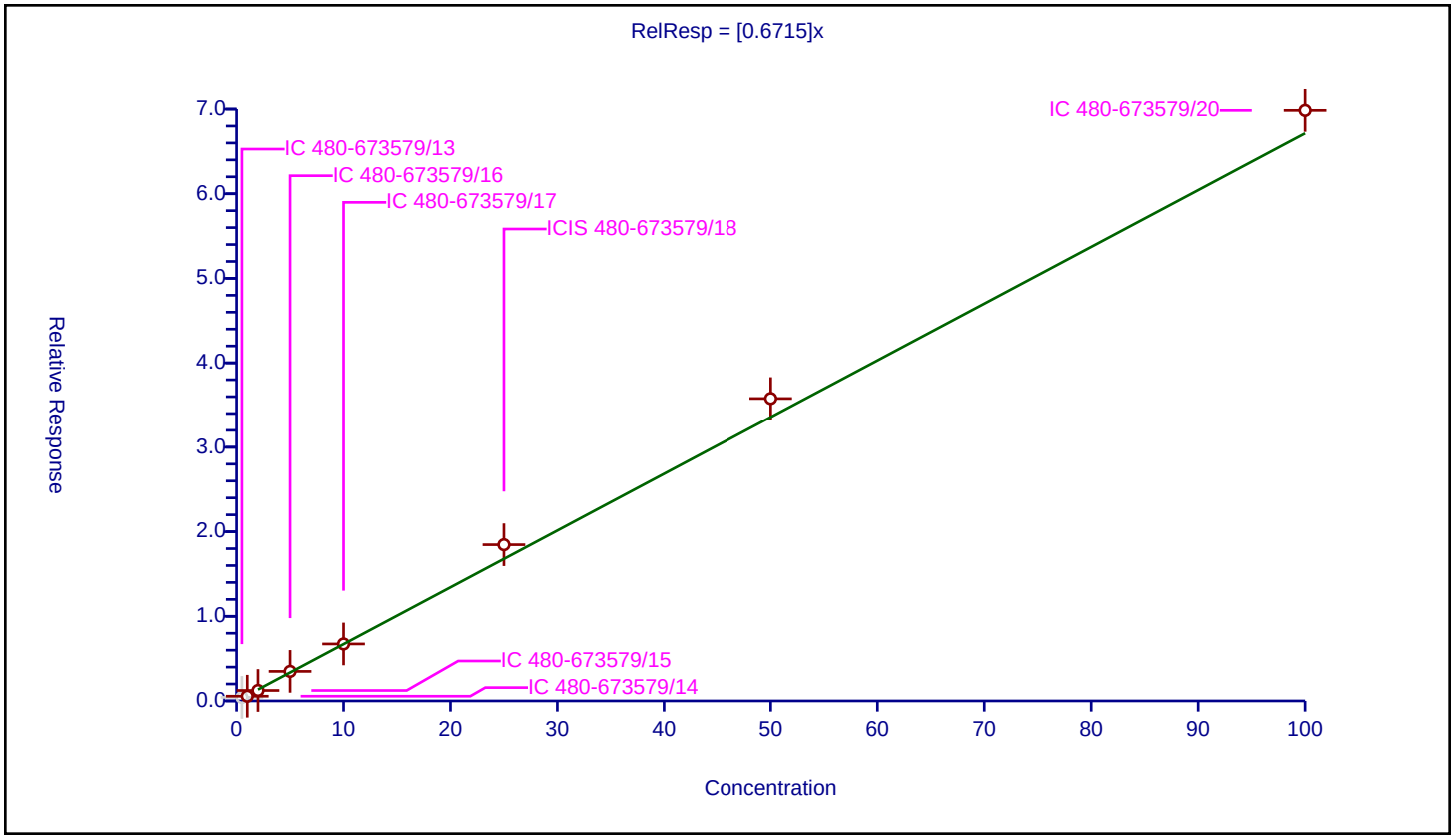
Curve Coefficients

Intercept:	0
Slope:	0.6715

Error Coefficients

Standard Error:	300000
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	IC 480-673579/13	0.5	0.419643	25.0	216732.0	0.839285	N
2	IC 480-673579/14	1.0	0.558079	25.0	217756.0	0.558079	Y
3	IC 480-673579/15	2.0	1.234979	25.0	211623.0	0.61749	Y
4	IC 480-673579/16	5.0	3.492771	25.0	214221.0	0.698554	Y
5	IC 480-673579/17	10.0	6.735704	25.0	218819.0	0.67357	Y
6	ICIS 480-673579/18	25.0	18.46289	25.0	215183.0	0.738516	Y
7	IC 480-673579/19	50.0	35.777814	25.0	224141.0	0.715556	Y
8	IC 480-673579/20	100.0	69.846563	25.0	228498.0	0.698466	Y



Calibration / 1,4-Dioxane

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

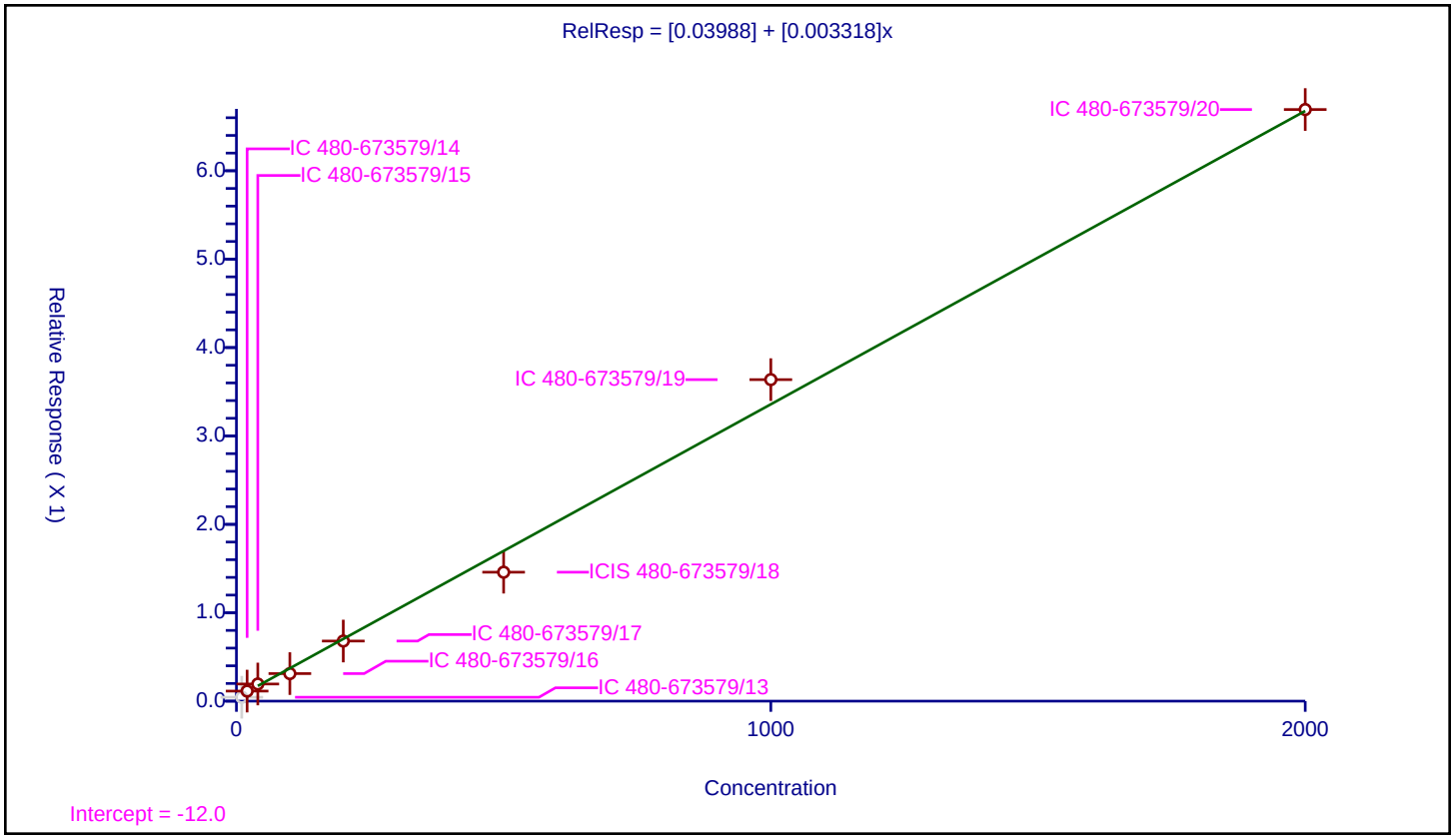
Curve Coefficients

Intercept:	0.03988
Slope:	0.003318

Error Coefficients

Standard Error:	60600
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	10.0	0.044082	25.0	403230.0	0.004408	N
2	IC 480-673579/14	20.0	0.113864	25.0	410140.0	0.005693	Y
3	IC 480-673579/15	40.0	0.193884	25.0	400368.0	0.004847	Y
4	IC 480-673579/16	100.0	0.31171	25.0	396843.0	0.003117	Y
5	IC 480-673579/17	200.0	0.679805	25.0	407727.0	0.003399	Y
6	ICIS 480-673579/18	500.0	1.458835	25.0	410396.0	0.002918	Y
7	IC 480-673579/19	1000.0	3.637329	25.0	426996.0	0.003637	Y
8	IC 480-673579/20	2000.0	6.692868	25.0	438280.0	0.003346	Y



Calibration / Dichlorobromomethane

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

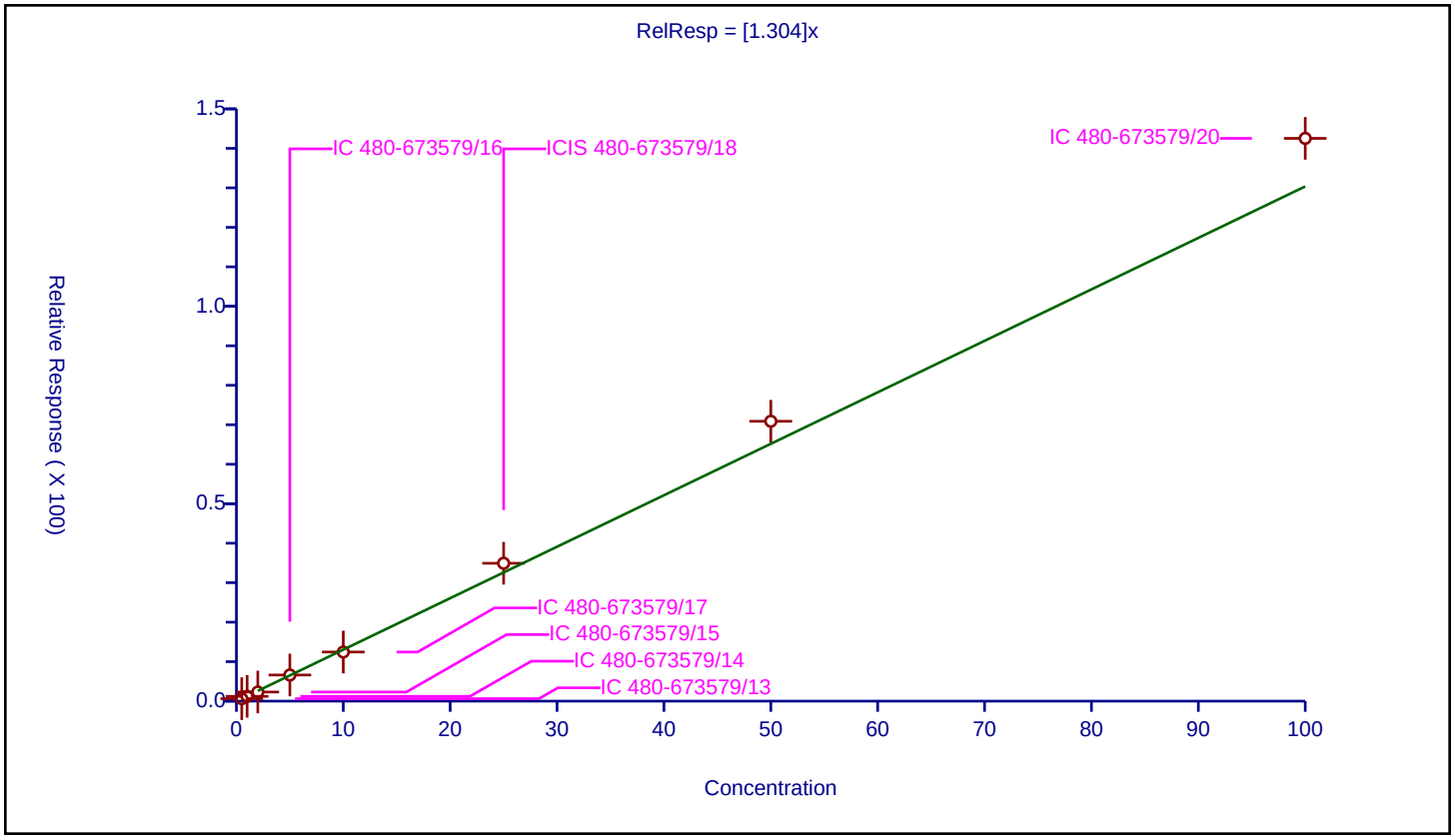
Curve Coefficients

Intercept:	0
Slope:	1.304

Error Coefficients

Standard Error:	561000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.622543	25.0	216732.0	1.245086	Y
2	IC 480-673579/14	1.0	1.219255	25.0	217756.0	1.219255	Y
3	IC 480-673579/15	2.0	2.312485	25.0	211623.0	1.156242	Y
4	IC 480-673579/16	5.0	6.619099	25.0	214221.0	1.32382	Y
5	IC 480-673579/17	10.0	12.442133	25.0	218819.0	1.244213	Y
6	ICIS 480-673579/18	25.0	34.921788	25.0	215183.0	1.396872	Y
7	IC 480-673579/19	50.0	70.887299	25.0	224141.0	1.417746	Y
8	IC 480-673579/20	100.0	142.531773	25.0	228498.0	1.425318	Y



Calibration / 2-Chloroethyl vinyl ether

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

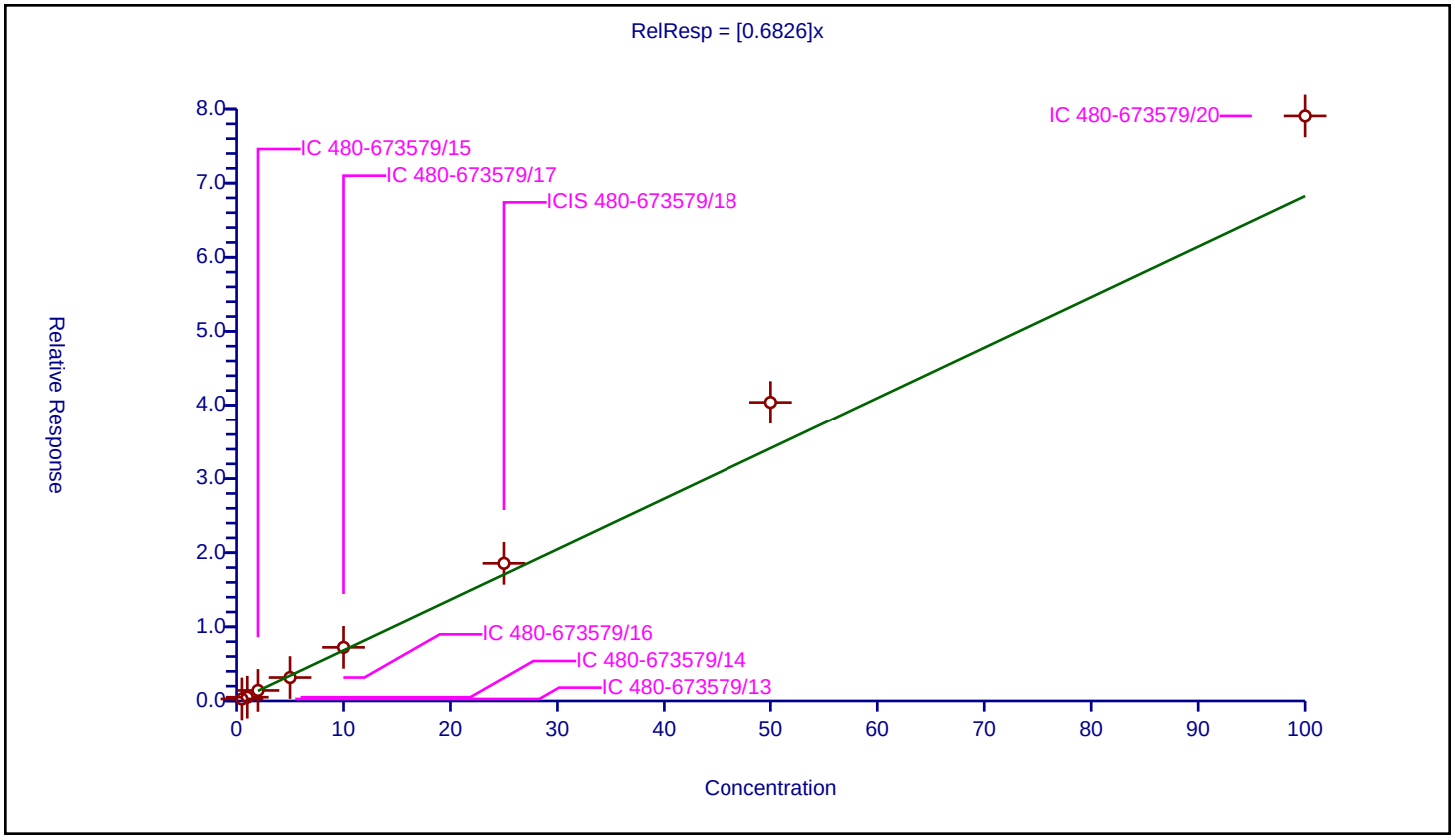
Curve Coefficients

Intercept:	0
Slope:	0.6826

Error Coefficients

Standard Error:	313000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.270726	25.0	216732.0	0.541452	Y
2	IC 480-673579/14	1.0	0.50986	25.0	217756.0	0.50986	Y
3	IC 480-673579/15	2.0	1.422813	25.0	211623.0	0.711407	Y
4	IC 480-673579/16	5.0	3.164139	25.0	214221.0	0.632828	Y
5	IC 480-673579/17	10.0	7.237603	25.0	218819.0	0.72376	Y
6	ICIS 480-673579/18	25.0	18.57268	25.0	215183.0	0.742907	Y
7	IC 480-673579/19	50.0	40.38652	25.0	224141.0	0.80773	Y
8	IC 480-673579/20	100.0	79.069729	25.0	228498.0	0.790697	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

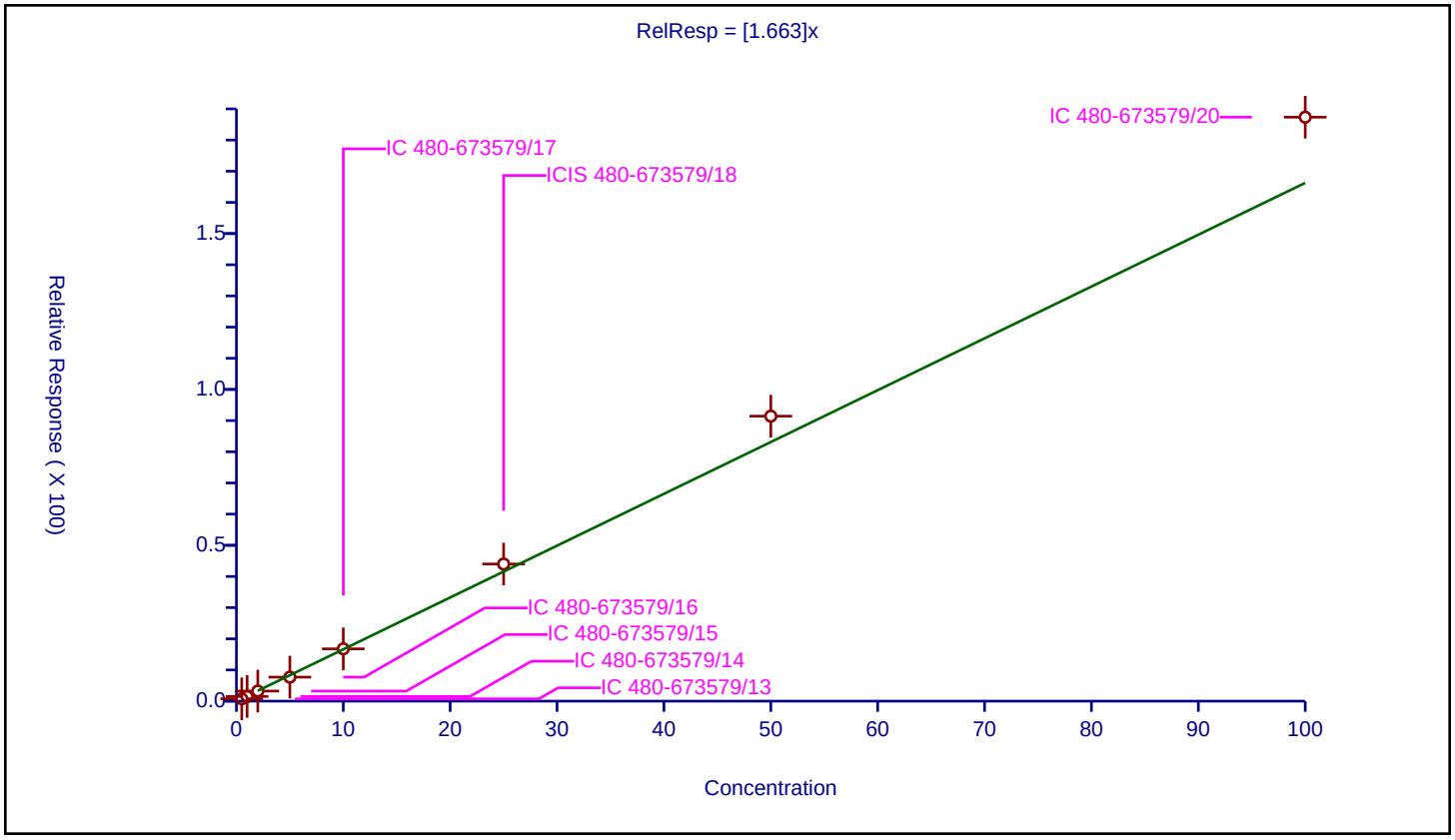
Curve Coefficients

Intercept:	0
Slope:	1.663

Error Coefficients

Standard Error:	734000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.748736	25.0	216732.0	1.497472	Y
2	IC 480-673579/14	1.0	1.507192	25.0	217756.0	1.507192	Y
3	IC 480-673579/15	2.0	3.231454	25.0	211623.0	1.615727	Y
4	IC 480-673579/16	5.0	7.704427	25.0	214221.0	1.540885	Y
5	IC 480-673579/17	10.0	16.77688	25.0	218819.0	1.677688	Y
6	ICIS 480-673579/18	25.0	43.990348	25.0	215183.0	1.759614	Y
7	IC 480-673579/19	50.0	91.429167	25.0	224141.0	1.828583	Y
8	IC 480-673579/20	100.0	187.331399	25.0	228498.0	1.873314	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

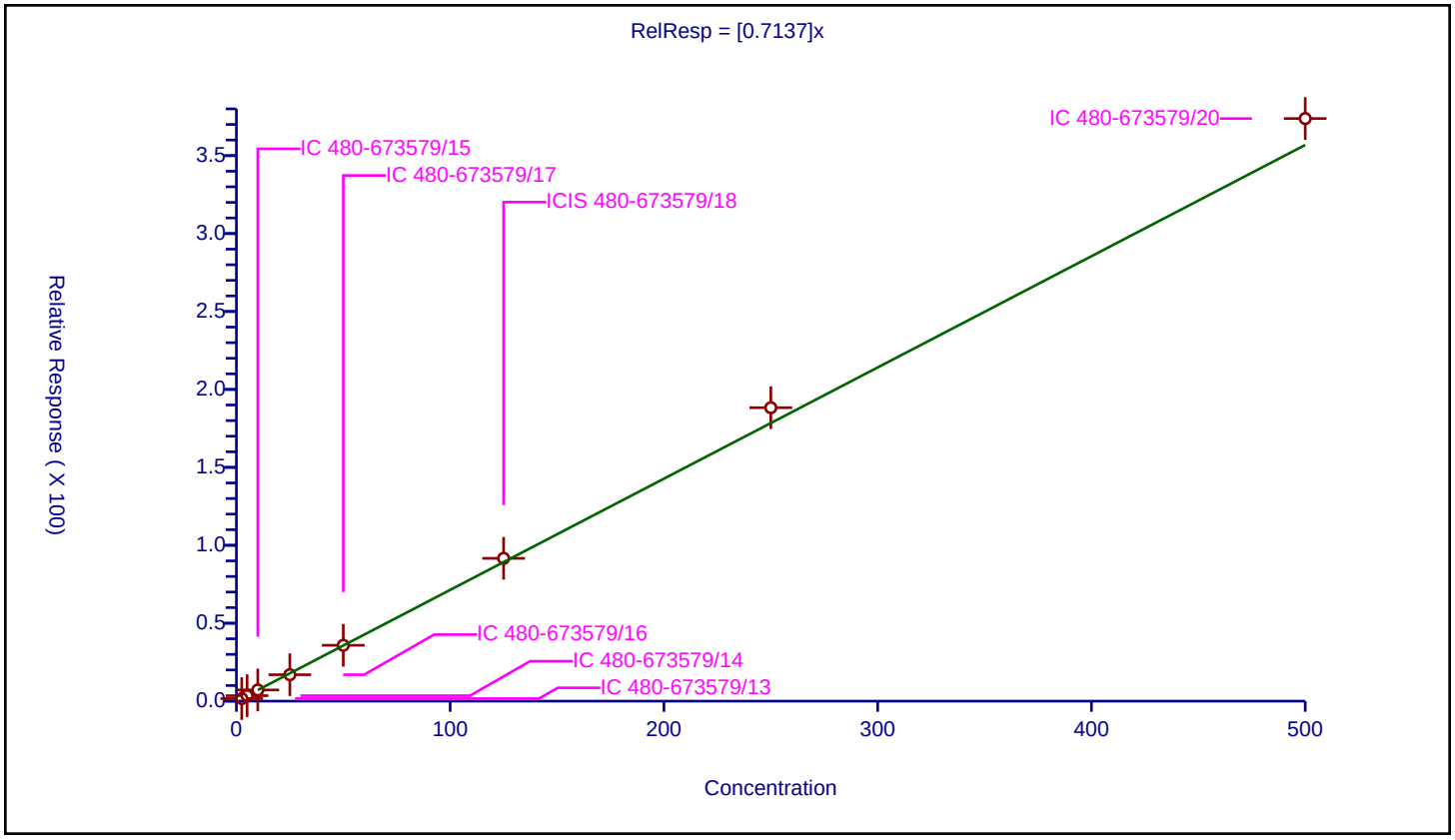
Curve Coefficients

Intercept:	0
Slope:	0.7137

Error Coefficients

Standard Error:	2830000
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	IC 480-673579/13	2.5	1.651477	25.0	403230.0	0.660591	Y
2	IC 480-673579/14	5.0	3.512215	25.0	410140.0	0.702443	Y
3	IC 480-673579/15	10.0	7.172526	25.0	400368.0	0.717253	Y
4	IC 480-673579/16	25.0	16.967604	25.0	396843.0	0.678704	Y
5	IC 480-673579/17	50.0	35.834088	25.0	407727.0	0.716682	Y
6	ICIS 480-673579/18	125.0	91.629426	25.0	410396.0	0.733035	Y
7	IC 480-673579/19	250.0	188.269621	25.0	426996.0	0.753078	Y
8	IC 480-673579/20	500.0	373.804417	25.0	438280.0	0.747609	Y



Calibration / Toluene-d8 (Surr)

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

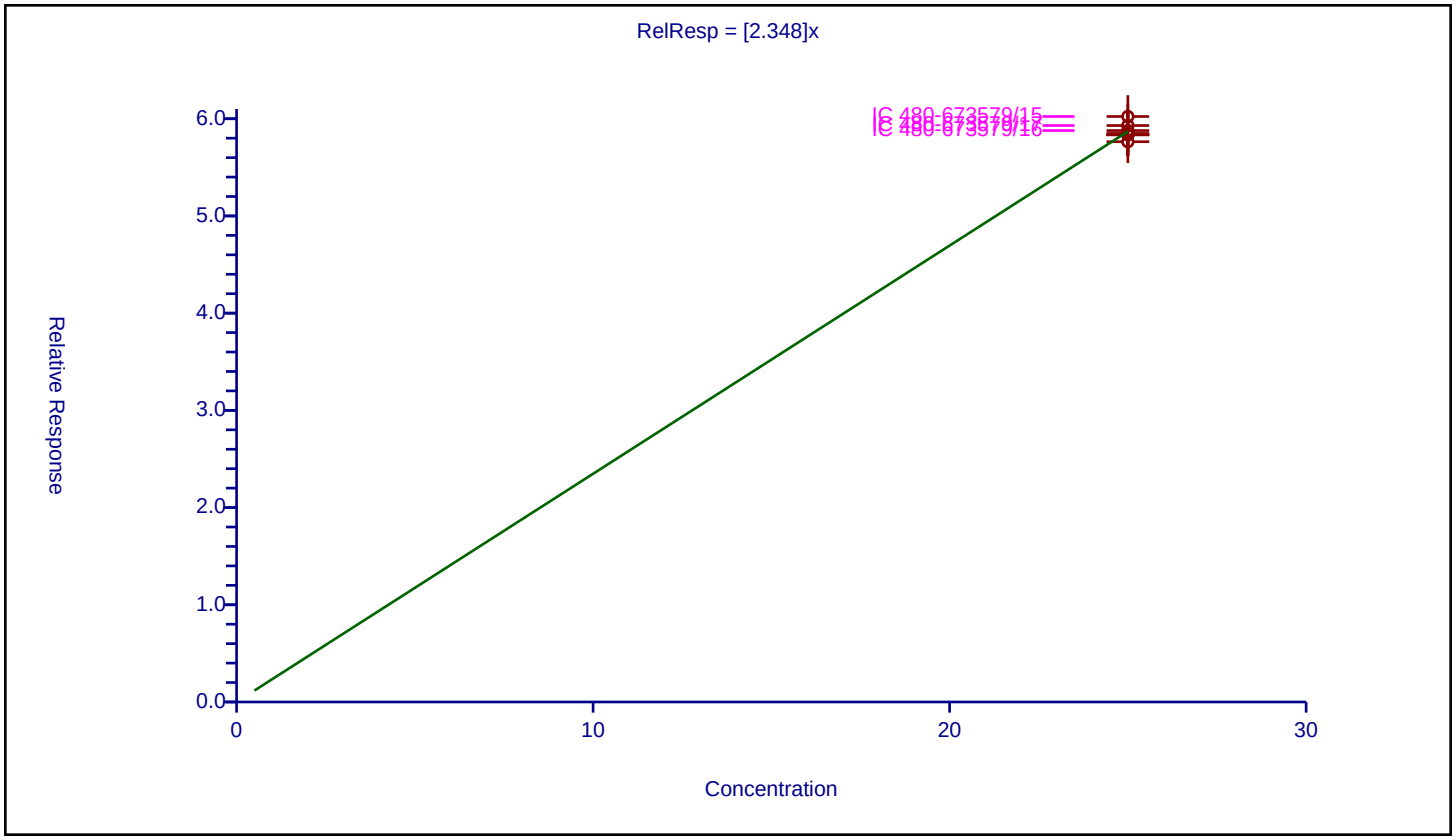
Curve Coefficients

Intercept:	0
Slope:	2.348

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	25.0	58.485294	25.0	403230.0	2.339412	Y
2	IC 480-673579/14	25.0	58.374214	25.0	410140.0	2.334969	Y
3	IC 480-673579/15	25.0	60.230151	25.0	400368.0	2.409206	Y
4	IC 480-673579/16	25.0	58.783826	25.0	396843.0	2.351353	Y
5	IC 480-673579/17	25.0	59.30218	25.0	407727.0	2.372087	Y
6	ICIS 480-673579/18	25.0	57.63738	25.0	410396.0	2.305495	Y
7	IC 480-673579/19	25.0	58.352303	25.0	426996.0	2.334092	Y
8	IC 480-673579/20	25.0	58.345806	25.0	438280.0	2.333832	Y



Calibration / Toluene

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

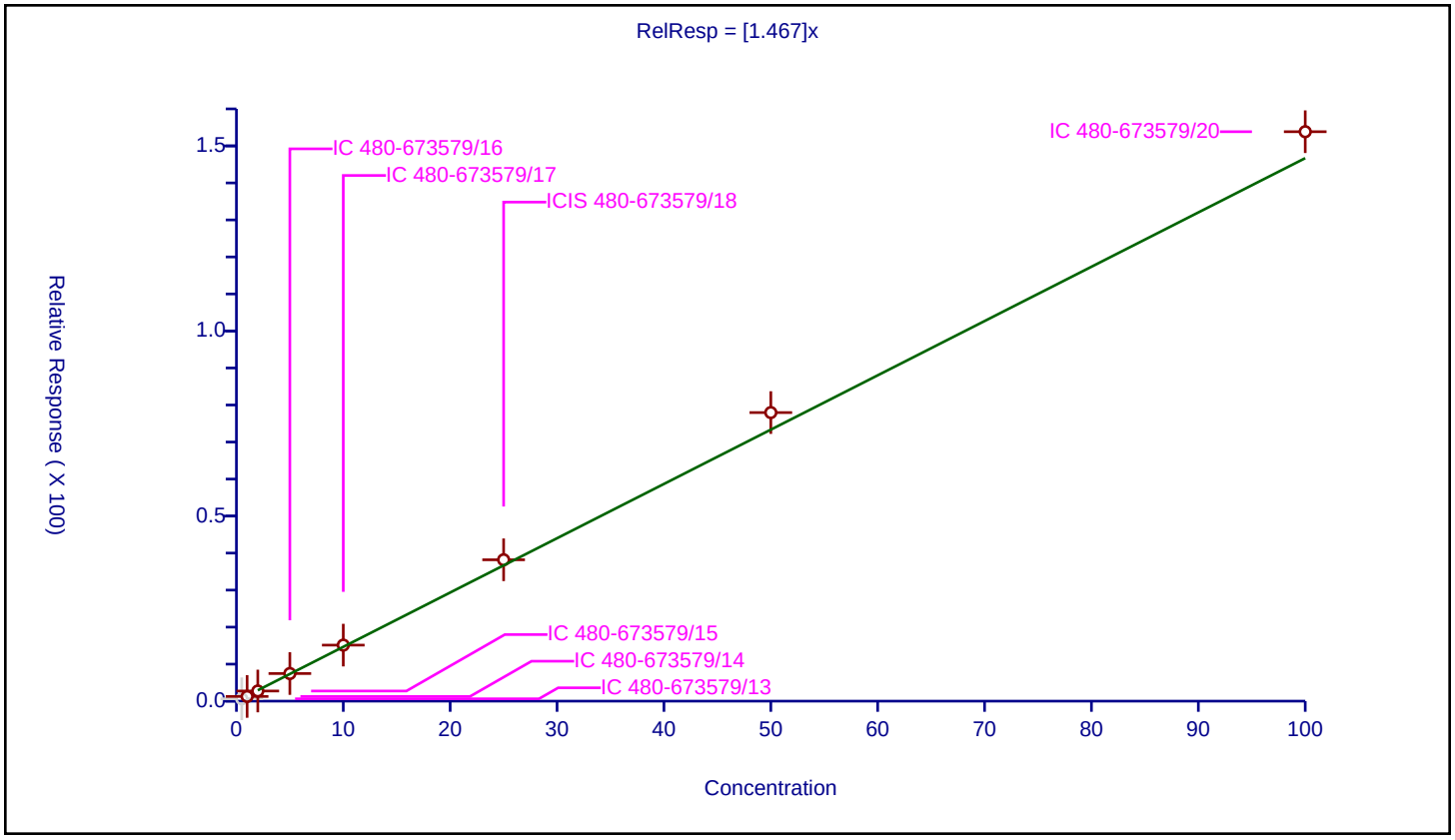
Curve Coefficients

Intercept:	0
Slope:	1.467

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.634129	25.0	403230.0	1.268259	N
2	IC 480-673579/14	1.0	1.268104	25.0	410140.0	1.268104	Y
3	IC 480-673579/15	2.0	2.739729	25.0	400368.0	1.369865	Y
4	IC 480-673579/16	5.0	7.45931	25.0	396843.0	1.491862	Y
5	IC 480-673579/17	10.0	15.132368	25.0	407727.0	1.513237	Y
6	ICIS 480-673579/18	25.0	38.192319	25.0	410396.0	1.527693	Y
7	IC 480-673579/19	50.0	77.959395	25.0	426996.0	1.559188	Y
8	IC 480-673579/20	100.0	153.834478	25.0	438280.0	1.538345	Y



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Calibration / trans-1,3-Dichloropropene

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

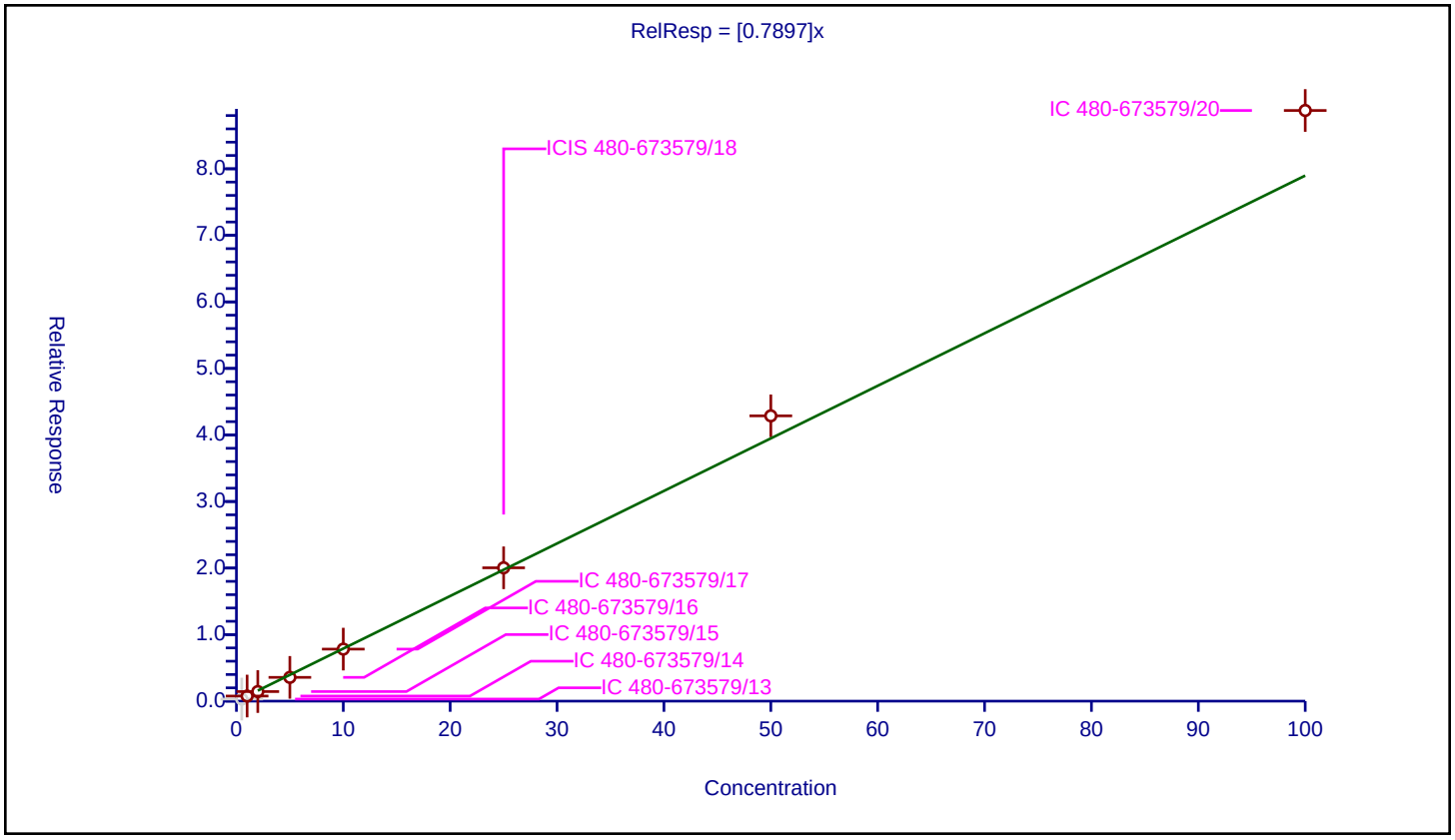
Curve Coefficients

Intercept:	0
Slope:	0.7897

Error Coefficients

Standard Error:	717000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.315143	25.0	403230.0	0.630285	N
2	IC 480-673579/14	1.0	0.765227	25.0	410140.0	0.765227	Y
3	IC 480-673579/15	2.0	1.440862	25.0	400368.0	0.720431	Y
4	IC 480-673579/16	5.0	3.571753	25.0	396843.0	0.714351	Y
5	IC 480-673579/17	10.0	7.816934	25.0	407727.0	0.781693	Y
6	ICIS 480-673579/18	25.0	20.036928	25.0	410396.0	0.801477	Y
7	IC 480-673579/19	50.0	42.872884	25.0	426996.0	0.857458	Y
8	IC 480-673579/20	100.0	88.760724	25.0	438280.0	0.887607	Y



Calibration / Ethyl methacrylate

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

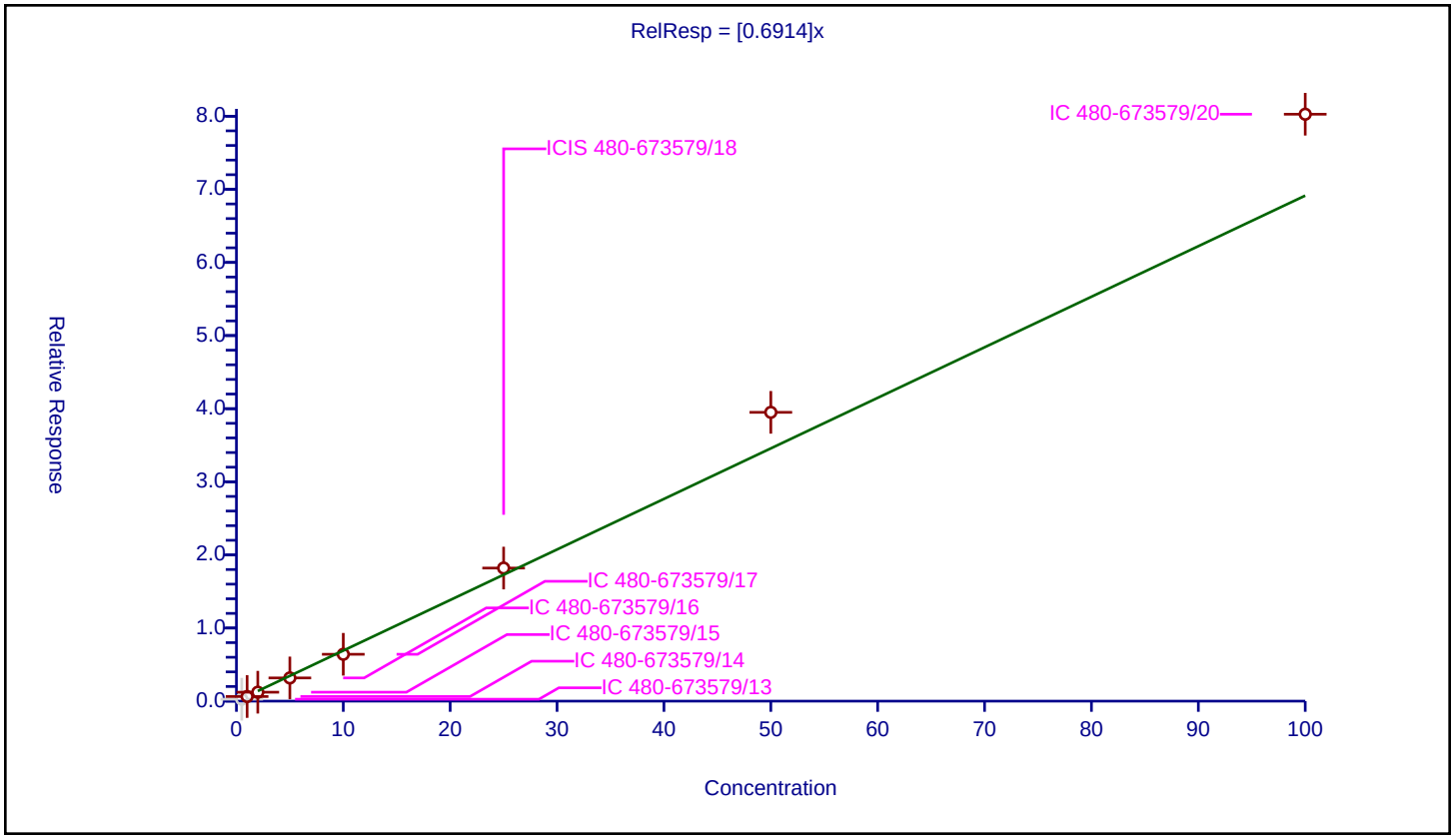
Curve Coefficients

Intercept:	0
Slope:	0.6914

Error Coefficients

Standard Error:	650000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.264861	25.0	403230.0	0.529722	N
2	IC 480-673579/14	1.0	0.632589	25.0	410140.0	0.632589	Y
3	IC 480-673579/15	2.0	1.221314	25.0	400368.0	0.610657	Y
4	IC 480-673579/16	5.0	3.173988	25.0	396843.0	0.634798	Y
5	IC 480-673579/17	10.0	6.40962	25.0	407727.0	0.640962	Y
6	ICIS 480-673579/18	25.0	18.198947	25.0	410396.0	0.727958	Y
7	IC 480-673579/19	50.0	39.497443	25.0	426996.0	0.789949	Y
8	IC 480-673579/20	100.0	80.270204	25.0	438280.0	0.802702	Y



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Calibration / 1,1,2-Trichloroethane

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

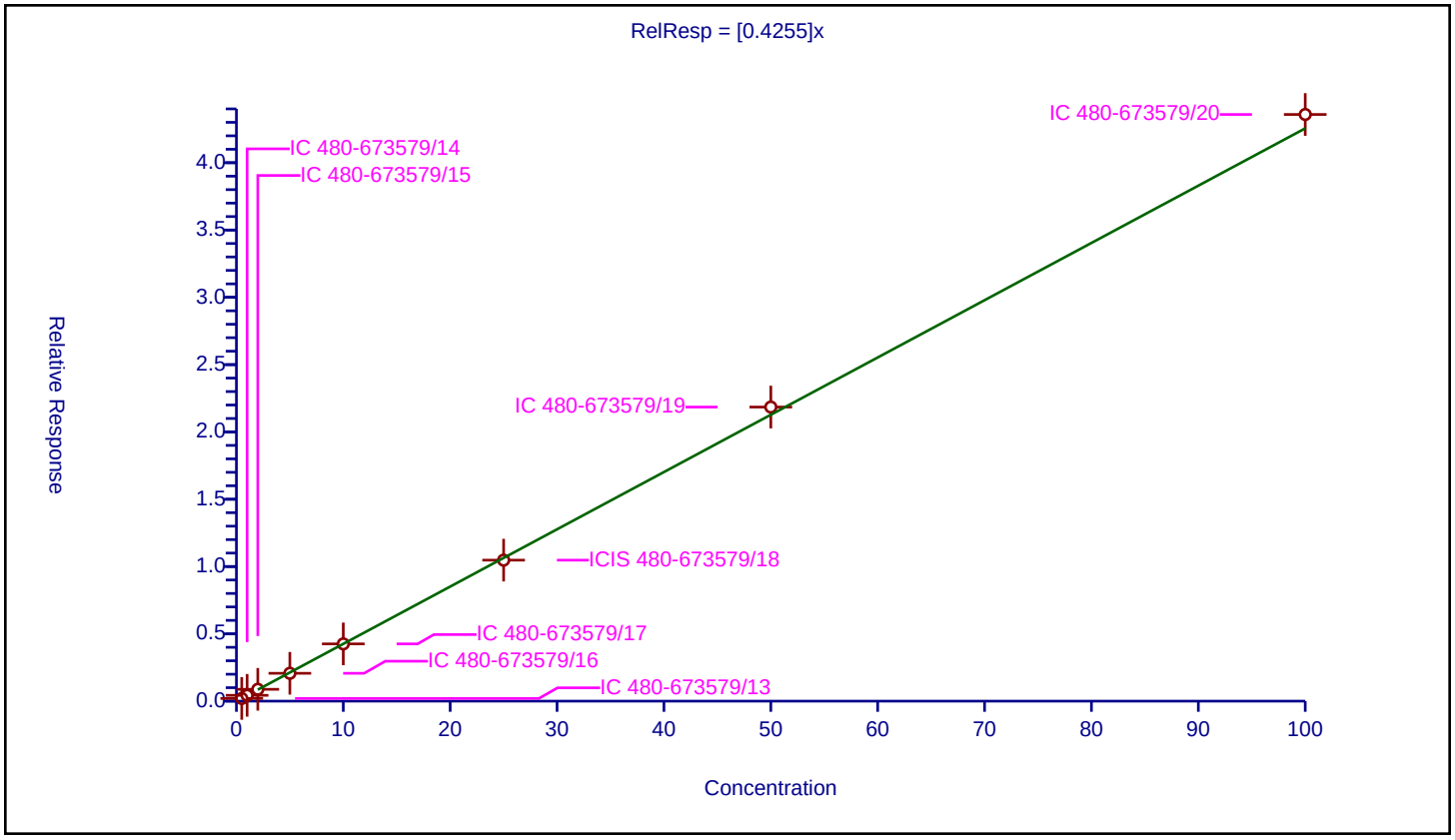
Curve Coefficients

Intercept:	0
Slope:	0.4255

Error Coefficients

Standard Error:	329000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.200506	25.0	403230.0	0.401012	Y
2	IC 480-673579/14	1.0	0.432779	25.0	410140.0	0.432779	Y
3	IC 480-673579/15	2.0	0.879129	25.0	400368.0	0.439564	Y
4	IC 480-673579/16	5.0	2.06845	25.0	396843.0	0.41369	Y
5	IC 480-673579/17	10.0	4.252478	25.0	407727.0	0.425248	Y
6	ICIS 480-673579/18	25.0	10.474578	25.0	410396.0	0.418983	Y
7	IC 480-673579/19	50.0	21.848565	25.0	426996.0	0.436971	Y
8	IC 480-673579/20	100.0	43.585322	25.0	438280.0	0.435853	Y



Calibration / Tetrachloroethene

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

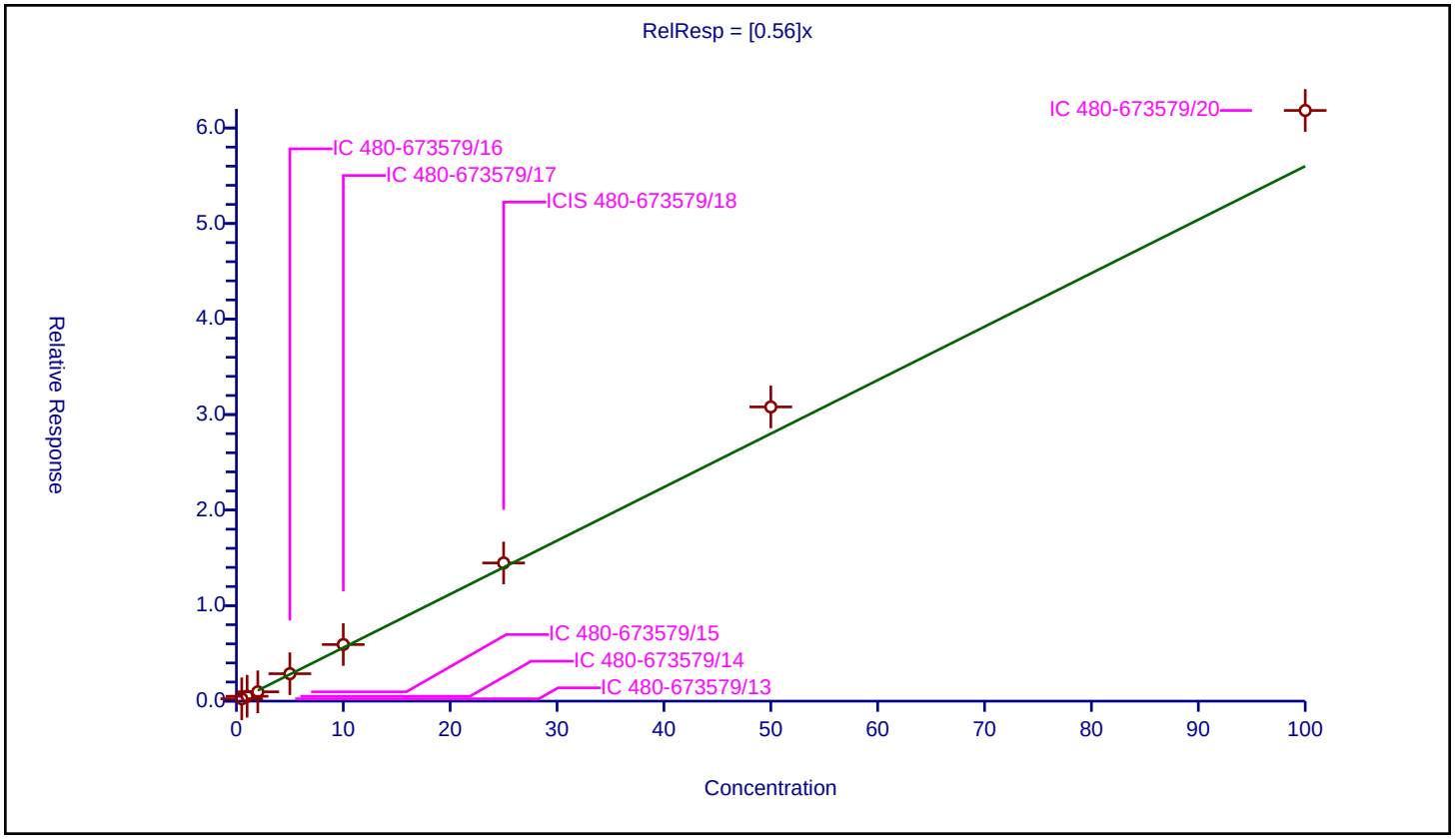
Curve Coefficients

Intercept:	0
Slope:	0.56

Error Coefficients

Standard Error:	466000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.249175	25.0	403230.0	0.498351	Y
2	IC 480-673579/14	1.0	0.512813	25.0	410140.0	0.512813	Y
3	IC 480-673579/15	2.0	0.978287	25.0	400368.0	0.489144	Y
4	IC 480-673579/16	5.0	2.871287	25.0	396843.0	0.574257	Y
5	IC 480-673579/17	10.0	5.925166	25.0	407727.0	0.592517	Y
6	ICIS 480-673579/18	25.0	14.467185	25.0	410396.0	0.578687	Y
7	IC 480-673579/19	50.0	30.798883	25.0	426996.0	0.615978	Y
8	IC 480-673579/20	100.0	61.835014	25.0	438280.0	0.61835	Y



Calibration / 1,3-Dichloropropane

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

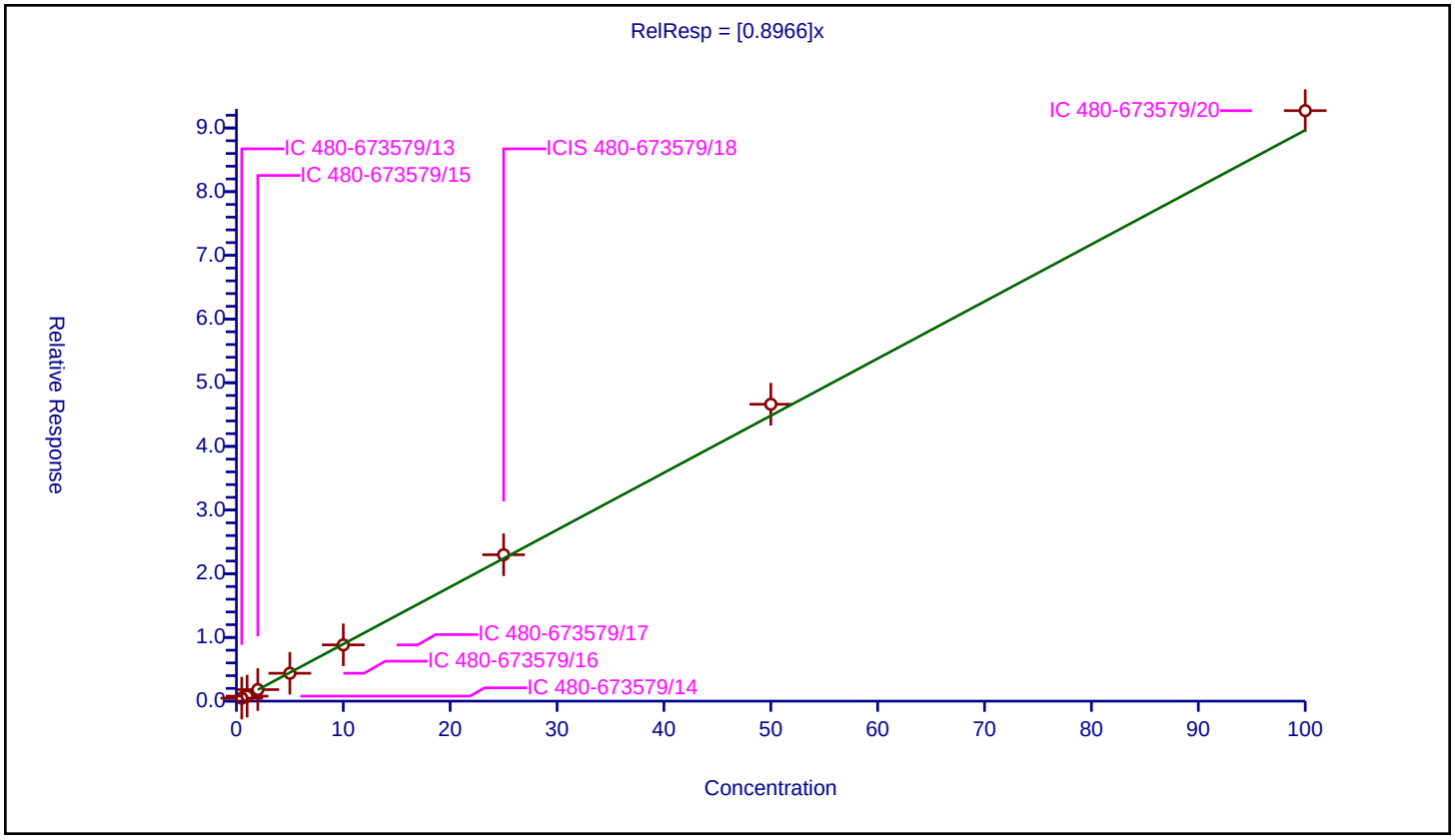
Curve Coefficients

Intercept:	0
Slope:	0.8966

Error Coefficients

Standard Error:	702000
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	IC 480-673579/13	0.5	0.470575	25.0	403230.0	0.94115	Y
2	IC 480-673579/14	1.0	0.786744	25.0	410140.0	0.786744	Y
3	IC 480-673579/15	2.0	1.812395	25.0	400368.0	0.906198	Y
4	IC 480-673579/16	5.0	4.377613	25.0	396843.0	0.875523	Y
5	IC 480-673579/17	10.0	8.836121	25.0	407727.0	0.883612	Y
6	ICIS 480-673579/18	25.0	22.987797	25.0	410396.0	0.919512	Y
7	IC 480-673579/19	50.0	46.622217	25.0	426996.0	0.932444	Y
8	IC 480-673579/20	100.0	92.725313	25.0	438280.0	0.927253	Y



Calibration / 2-Hexanone

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

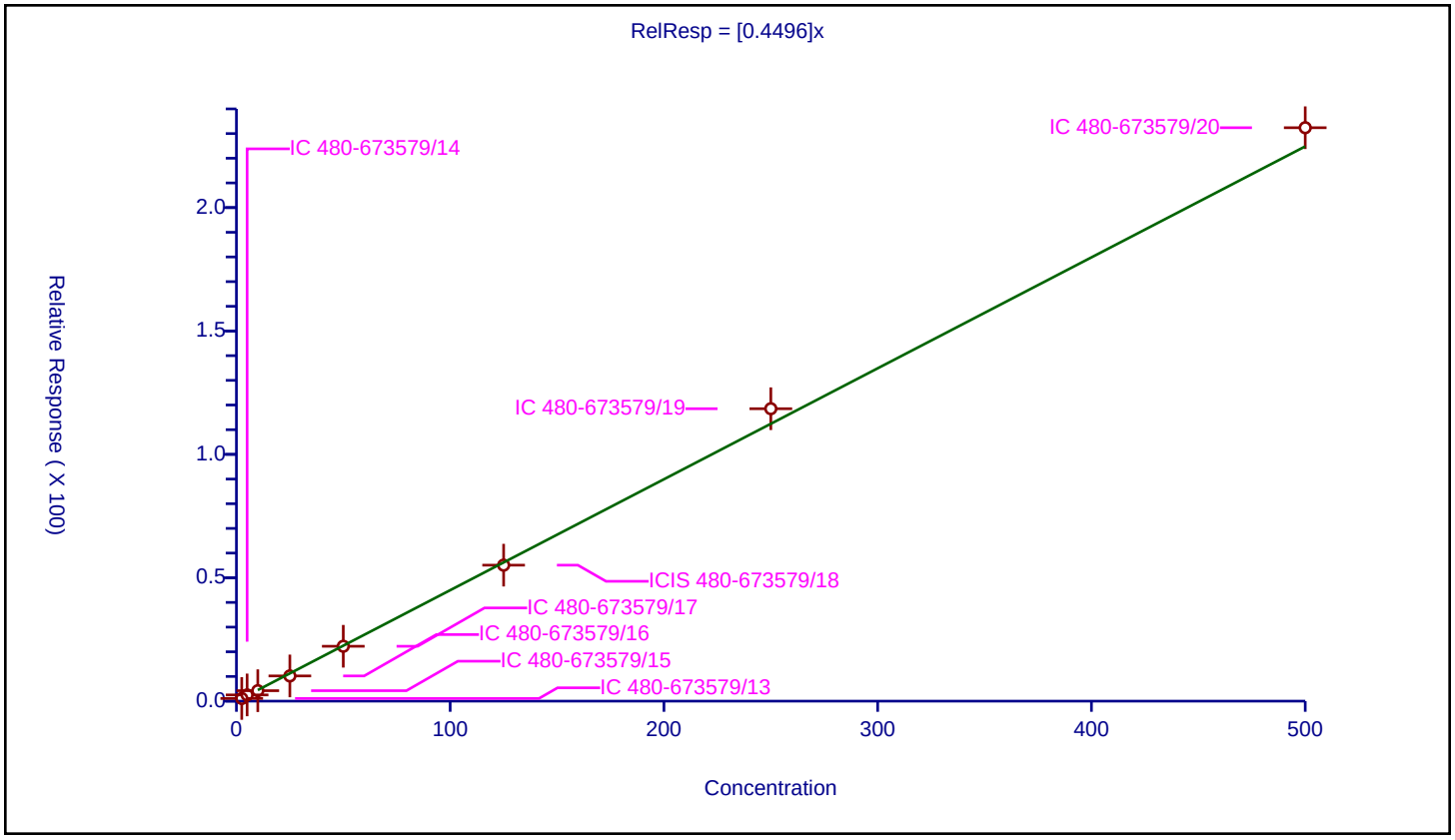
Curve Coefficients

Intercept:	0
Slope:	0.4496

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	2.5	1.088461	25.0	403230.0	0.435384	Y
2	IC 480-673579/14	5.0	2.523894	25.0	410140.0	0.504779	Y
3	IC 480-673579/15	10.0	4.235978	25.0	400368.0	0.423598	Y
4	IC 480-673579/16	25.0	10.212792	25.0	396843.0	0.408512	Y
5	IC 480-673579/17	50.0	22.23608	25.0	407727.0	0.444722	Y
6	ICIS 480-673579/18	125.0	55.105678	25.0	410396.0	0.440845	Y
7	IC 480-673579/19	250.0	118.507609	25.0	426996.0	0.47403	Y
8	IC 480-673579/20	500.0	232.369148	25.0	438280.0	0.464738	Y



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Calibration / Chlorodibromomethane

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

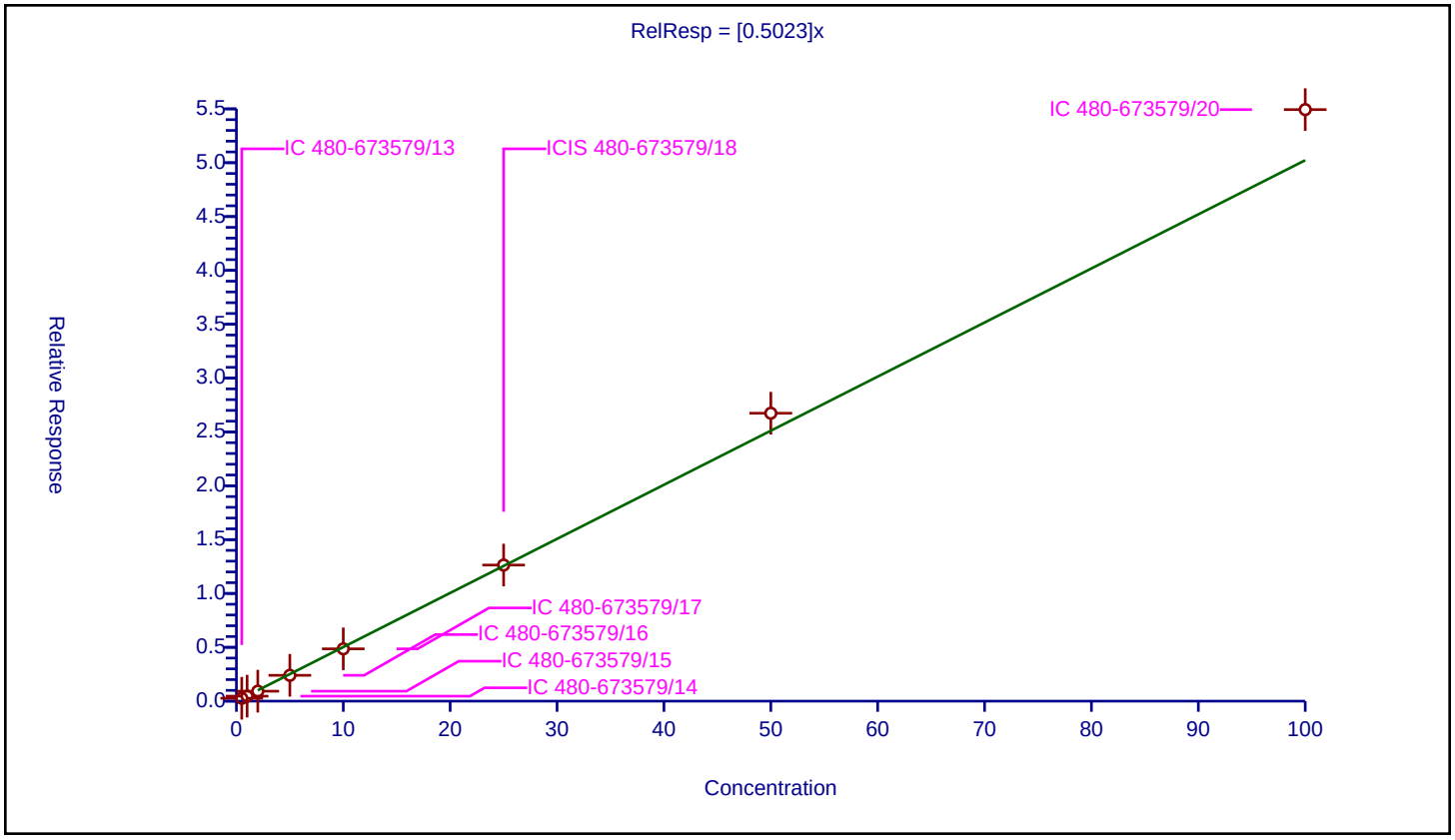
Curve Coefficients

Intercept:	0
Slope:	0.5023

Error Coefficients

Standard Error:	412000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.268767	25.0	403230.0	0.537534	Y
2	IC 480-673579/14	1.0	0.463927	25.0	410140.0	0.463927	Y
3	IC 480-673579/15	2.0	0.92415	25.0	400368.0	0.462075	Y
4	IC 480-673579/16	5.0	2.397548	25.0	396843.0	0.47951	Y
5	IC 480-673579/17	10.0	4.856007	25.0	407727.0	0.485601	Y
6	ICIS 480-673579/18	25.0	12.637428	25.0	410396.0	0.505497	Y
7	IC 480-673579/19	50.0	26.738482	25.0	426996.0	0.53477	Y
8	IC 480-673579/20	100.0	54.932977	25.0	438280.0	0.54933	Y



Calibration / Ethylene Dibromide

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

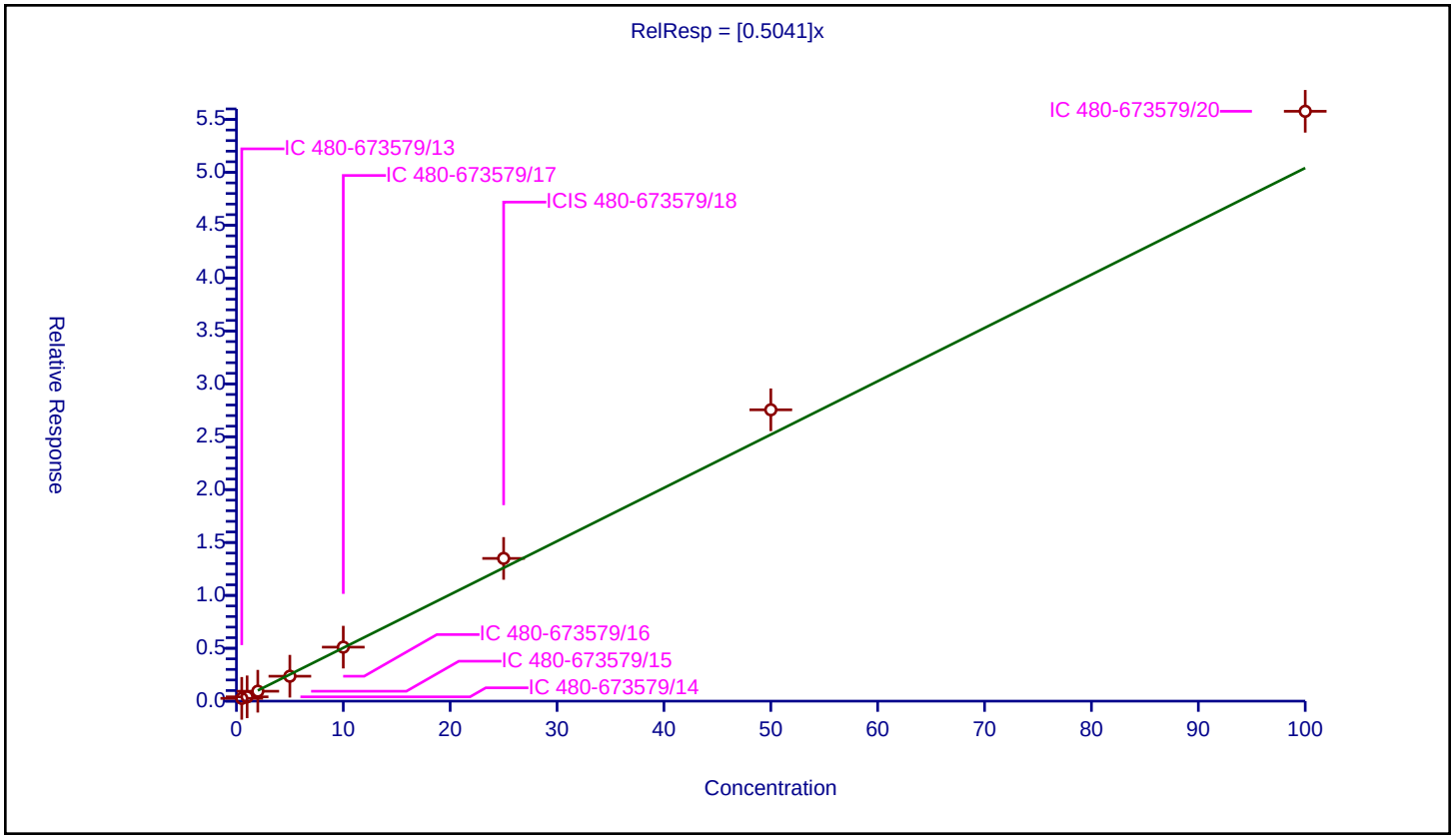
Curve Coefficients

Intercept:	0
Slope:	0.5041

Error Coefficients

Standard Error:	420000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.264179	25.0	403230.0	0.528359	Y
2	IC 480-673579/14	1.0	0.405654	25.0	410140.0	0.405654	Y
3	IC 480-673579/15	2.0	0.937637	25.0	400368.0	0.468819	Y
4	IC 480-673579/16	5.0	2.354899	25.0	396843.0	0.47098	Y
5	IC 480-673579/17	10.0	5.105377	25.0	407727.0	0.510538	Y
6	ICIS 480-673579/18	25.0	13.495806	25.0	410396.0	0.539832	Y
7	IC 480-673579/19	50.0	27.547975	25.0	426996.0	0.550959	Y
8	IC 480-673579/20	100.0	55.77228	25.0	438280.0	0.557723	Y



Calibration / Chlorobenzene

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

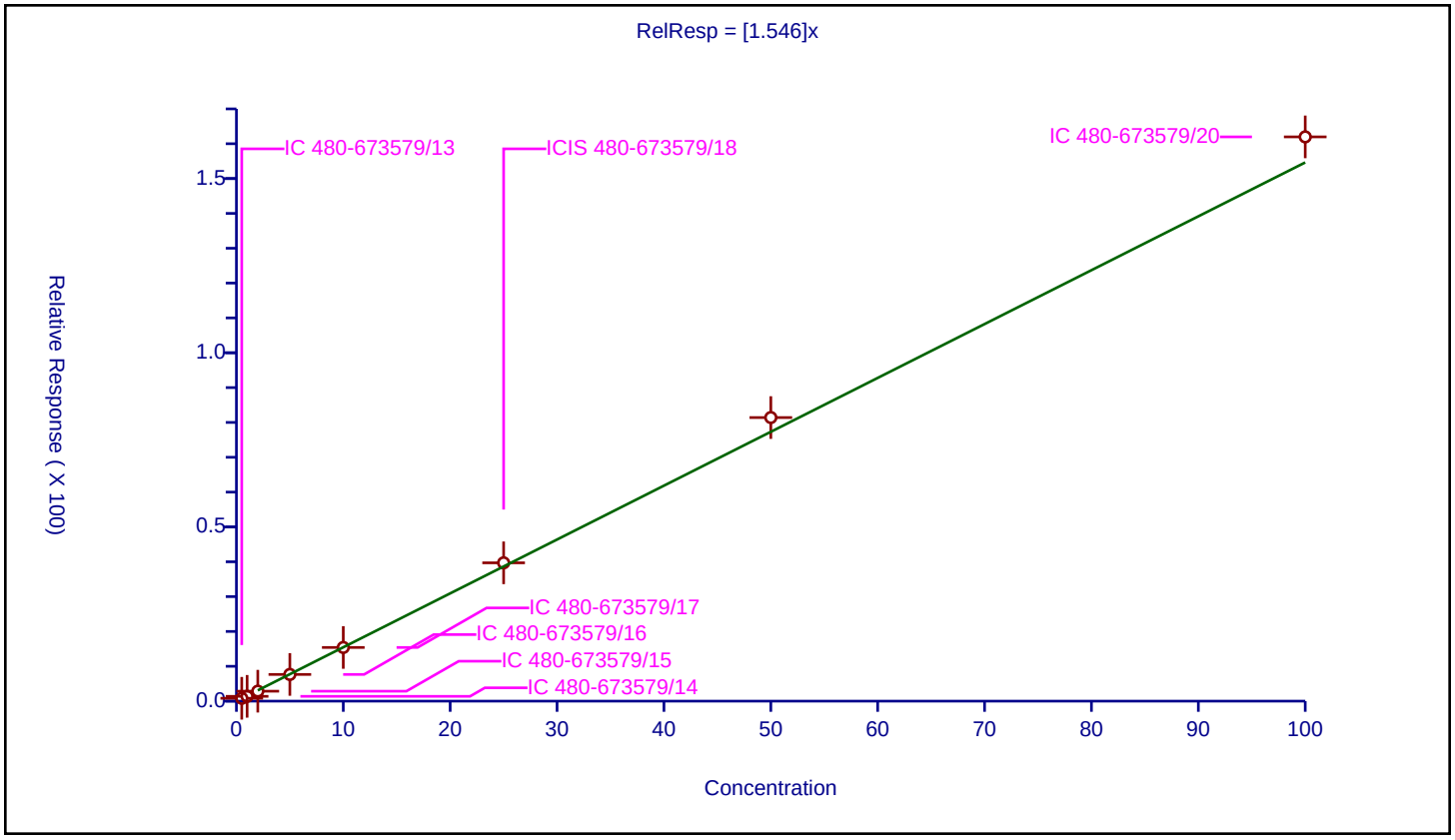
Curve Coefficients

Intercept:	0
Slope:	1.546

Error Coefficients

Standard Error:	1220000
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	IC 480-673579/13	0.5	0.823847	25.0	403230.0	1.647695	Y
2	IC 480-673579/14	1.0	1.383369	25.0	410140.0	1.383369	Y
3	IC 480-673579/15	2.0	2.857996	25.0	400368.0	1.428998	Y
4	IC 480-673579/16	5.0	7.667327	25.0	396843.0	1.533465	Y
5	IC 480-673579/17	10.0	15.405958	25.0	407727.0	1.540596	Y
6	ICIS 480-673579/18	25.0	39.701898	25.0	410396.0	1.588076	Y
7	IC 480-673579/19	50.0	81.40246	25.0	426996.0	1.628049	Y
8	IC 480-673579/20	100.0	161.961474	25.0	438280.0	1.619615	Y



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Calibration / Ethylbenzene

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

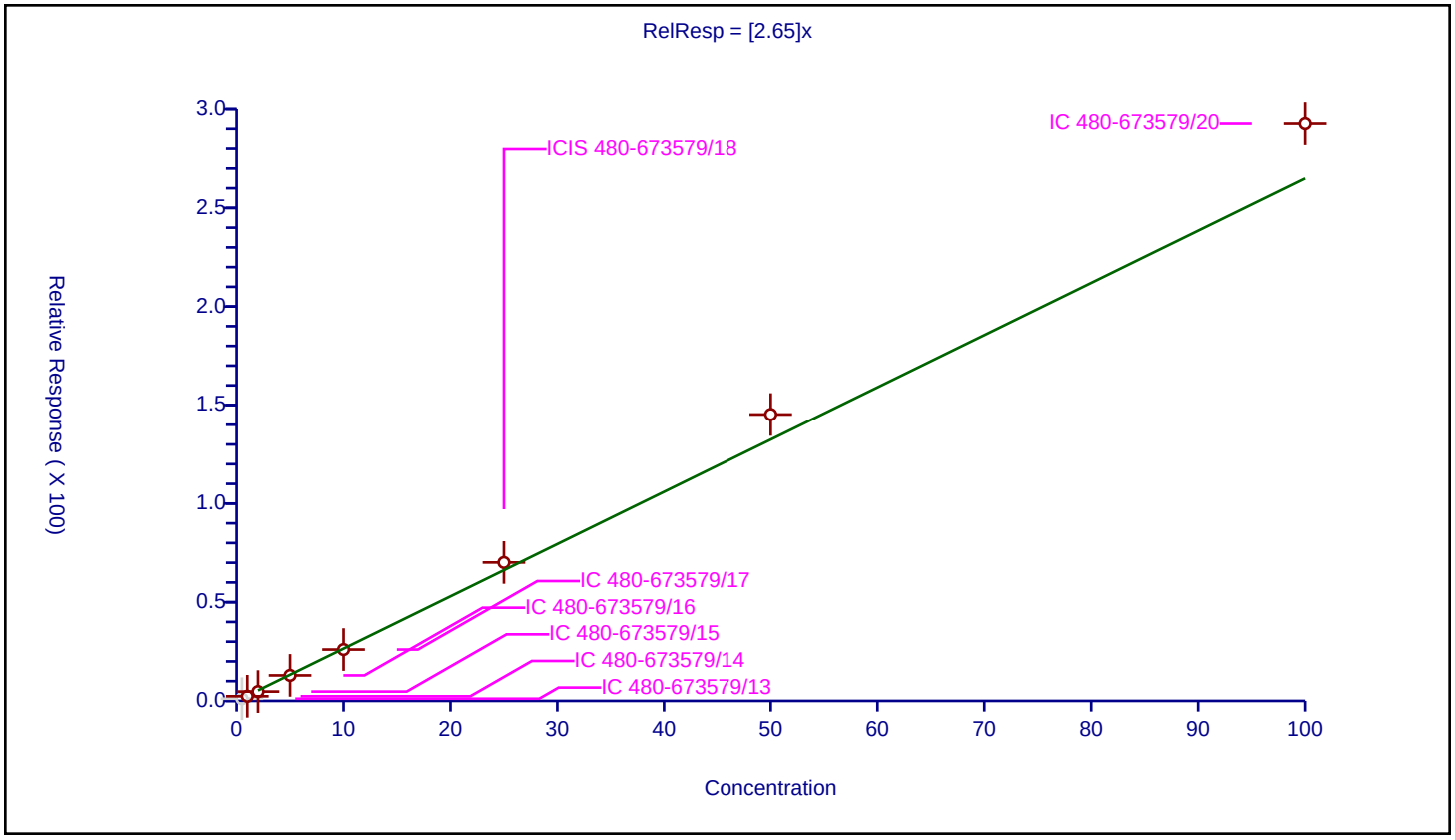
Curve Coefficients

Intercept:	0
Slope:	2.65

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.12938	25.0	403230.0	2.258761	N
2	IC 480-673579/14	1.0	2.359499	25.0	410140.0	2.359499	Y
3	IC 480-673579/15	2.0	4.733395	25.0	400368.0	2.366698	Y
4	IC 480-673579/16	5.0	12.914679	25.0	396843.0	2.582936	Y
5	IC 480-673579/17	10.0	26.017838	25.0	407727.0	2.601784	Y
6	ICIS 480-673579/18	25.0	70.145299	25.0	410396.0	2.805812	Y
7	IC 480-673579/19	50.0	145.215646	25.0	426996.0	2.904313	Y
8	IC 480-673579/20	100.0	292.658574	25.0	438280.0	2.926586	Y



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Calibration / 1,1,1,2-Tetrachloroethane

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

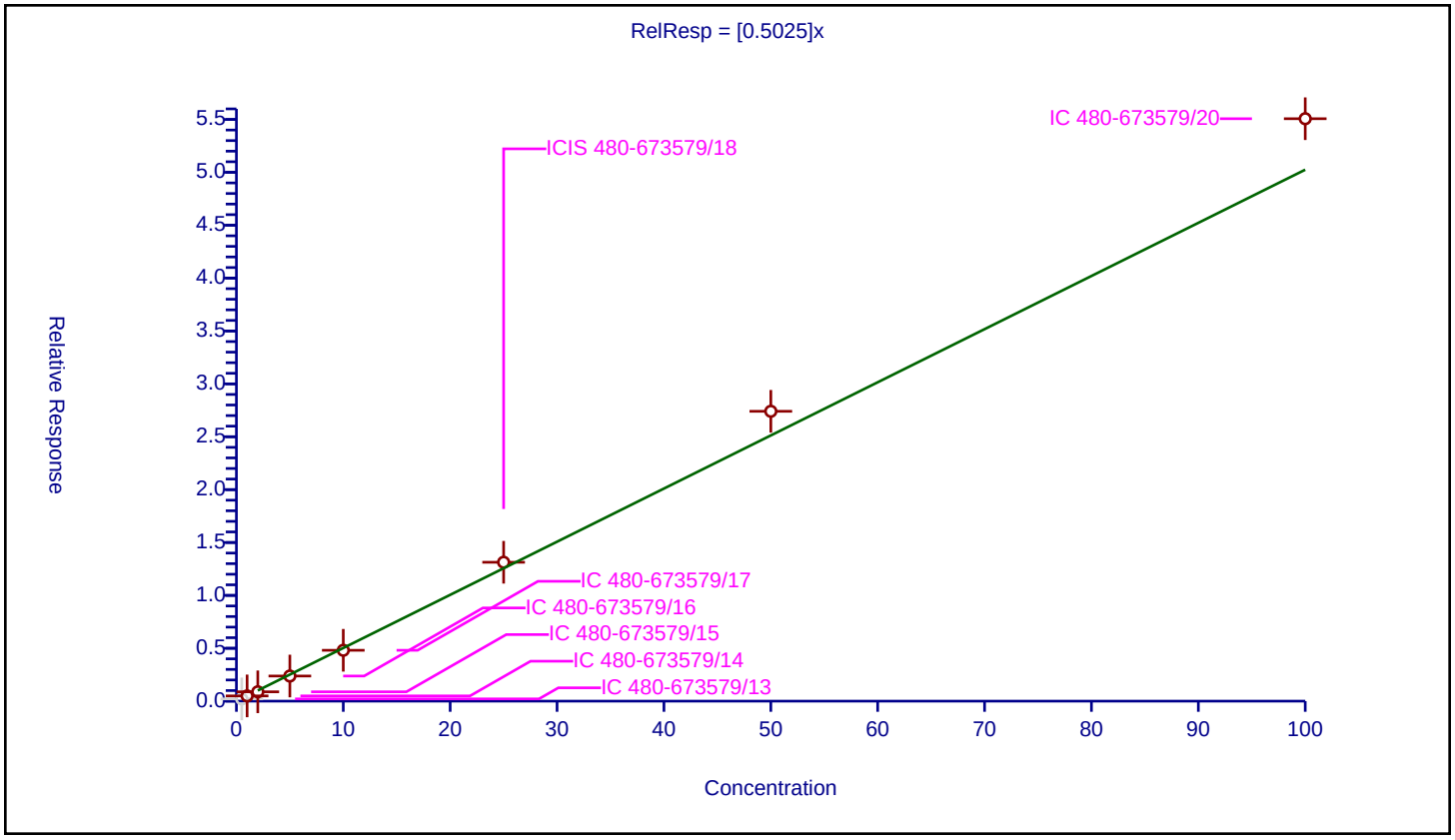
Curve Coefficients

Intercept:	0
Slope:	0.5025

Error Coefficients

Standard Error:	448000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.211542	25.0	403230.0	0.423084	N
2	IC 480-673579/14	1.0	0.495989	25.0	410140.0	0.495989	Y
3	IC 480-673579/15	2.0	0.88275	25.0	400368.0	0.441375	Y
4	IC 480-673579/16	5.0	2.375499	25.0	396843.0	0.4751	Y
5	IC 480-673579/17	10.0	4.80818	25.0	407727.0	0.480818	Y
6	ICIS 480-673579/18	25.0	13.132012	25.0	410396.0	0.52528	Y
7	IC 480-673579/19	50.0	27.406697	25.0	426996.0	0.548134	Y
8	IC 480-673579/20	100.0	55.069704	25.0	438280.0	0.550697	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

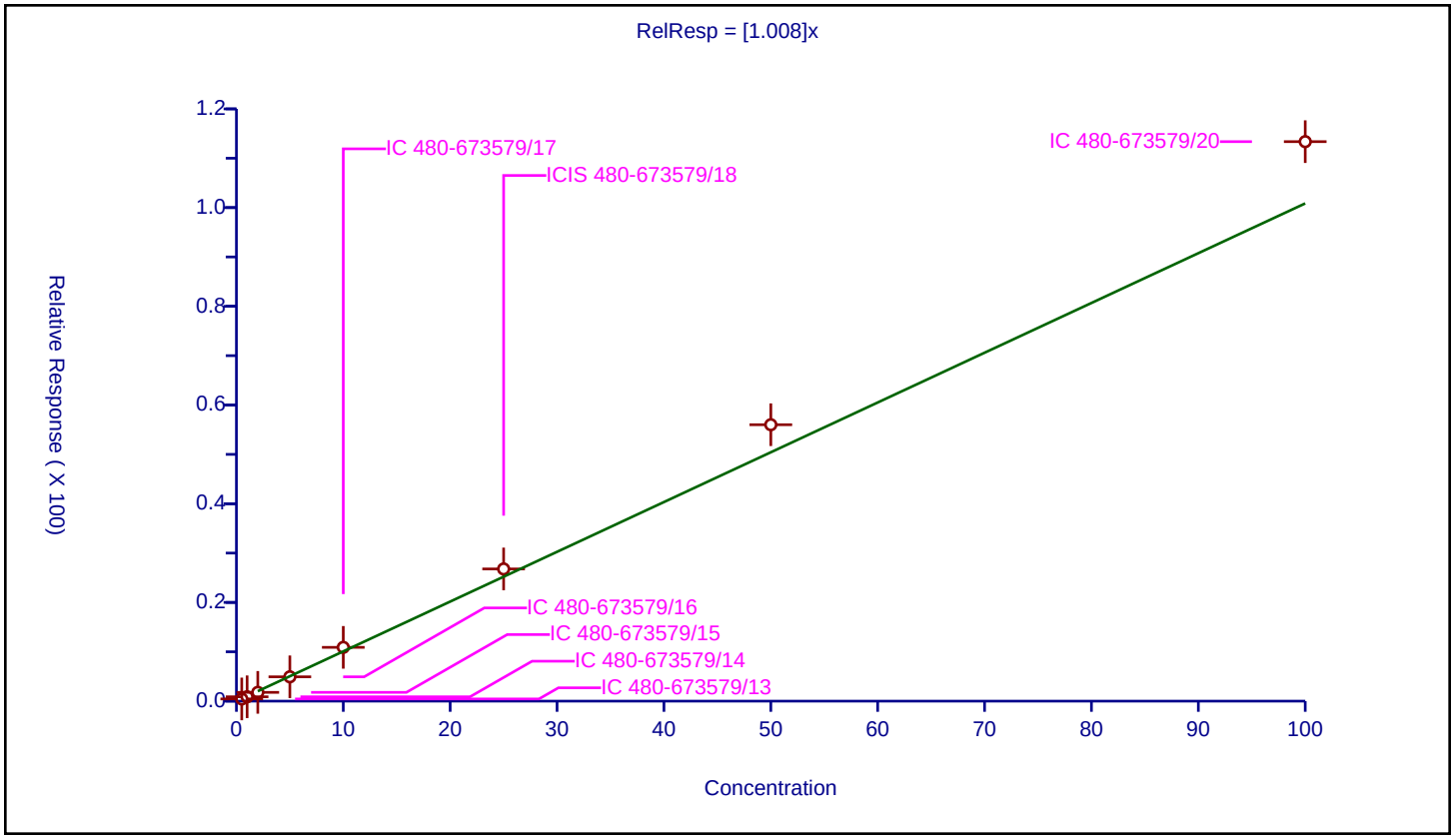
Curve Coefficients

Intercept:	0
Slope:	1.008

Error Coefficients

Standard Error:	853000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.446209	25.0	403230.0	0.892419	Y
2	IC 480-673579/14	1.0	0.884759	25.0	410140.0	0.884759	Y
3	IC 480-673579/15	2.0	1.778739	25.0	400368.0	0.889369	Y
4	IC 480-673579/16	5.0	4.930791	25.0	396843.0	0.986158	Y
5	IC 480-673579/17	10.0	10.898224	25.0	407727.0	1.089822	Y
6	ICIS 480-673579/18	25.0	26.784618	25.0	410396.0	1.071385	Y
7	IC 480-673579/19	50.0	56.00878	25.0	426996.0	1.120176	Y
8	IC 480-673579/20	100.0	113.363033	25.0	438280.0	1.13363	Y



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Calibration / o-Xylene

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

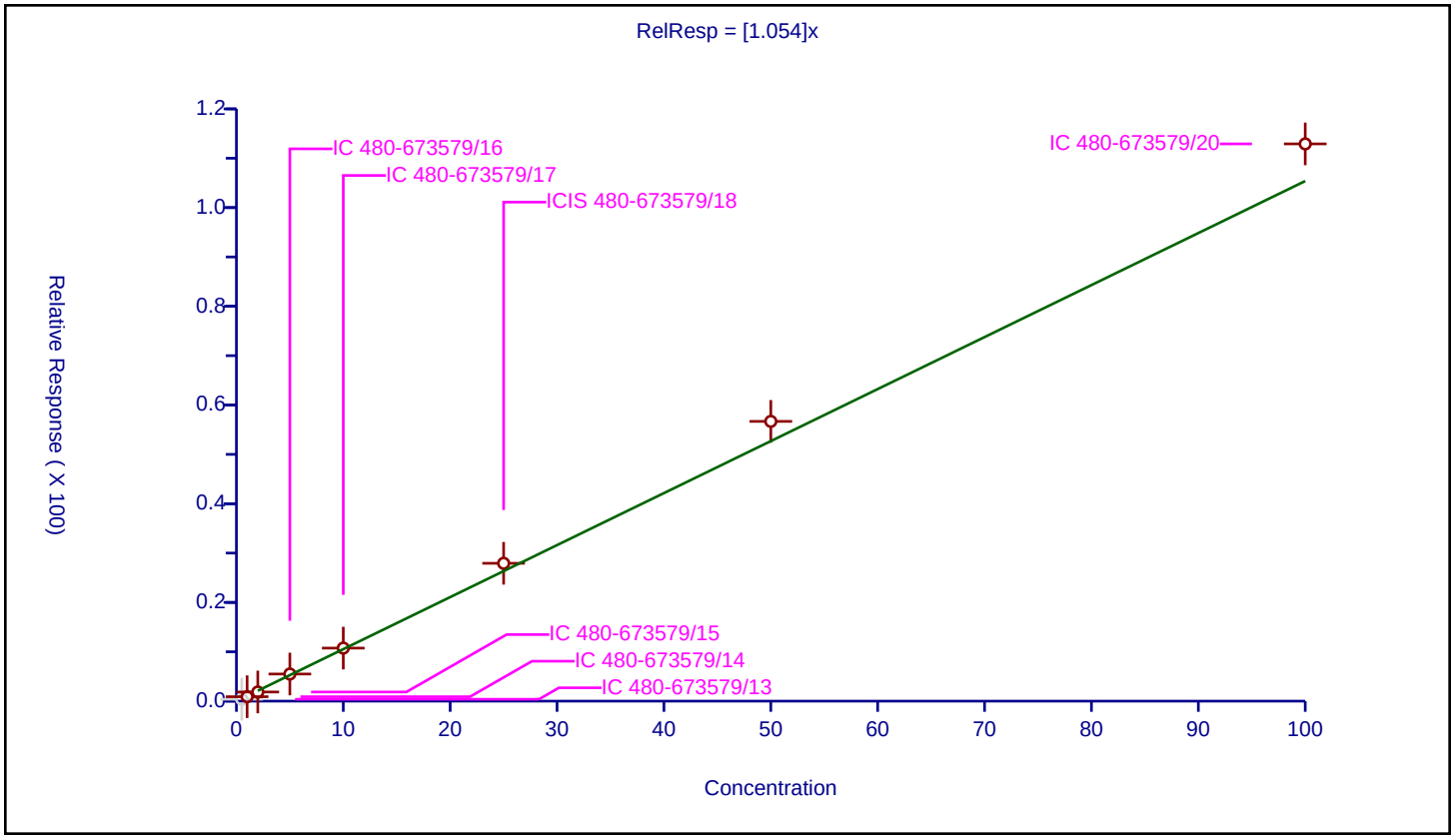
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Standard Error:	922000
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	IC 480-673579/13	0.5	0.38638	25.0	403230.0	0.77276	N
2	IC 480-673579/14	1.0	0.896279	25.0	410140.0	0.896279	Y
3	IC 480-673579/15	2.0	1.852233	25.0	400368.0	0.926117	Y
4	IC 480-673579/16	5.0	5.497703	25.0	396843.0	1.099541	Y
5	IC 480-673579/17	10.0	10.746345	25.0	407727.0	1.074634	Y
6	ICIS 480-673579/18	25.0	27.929427	25.0	410396.0	1.117177	Y
7	IC 480-673579/19	50.0	56.683786	25.0	426996.0	1.133676	Y
8	IC 480-673579/20	100.0	112.907901	25.0	438280.0	1.129079	Y



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Calibration / Styrene

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

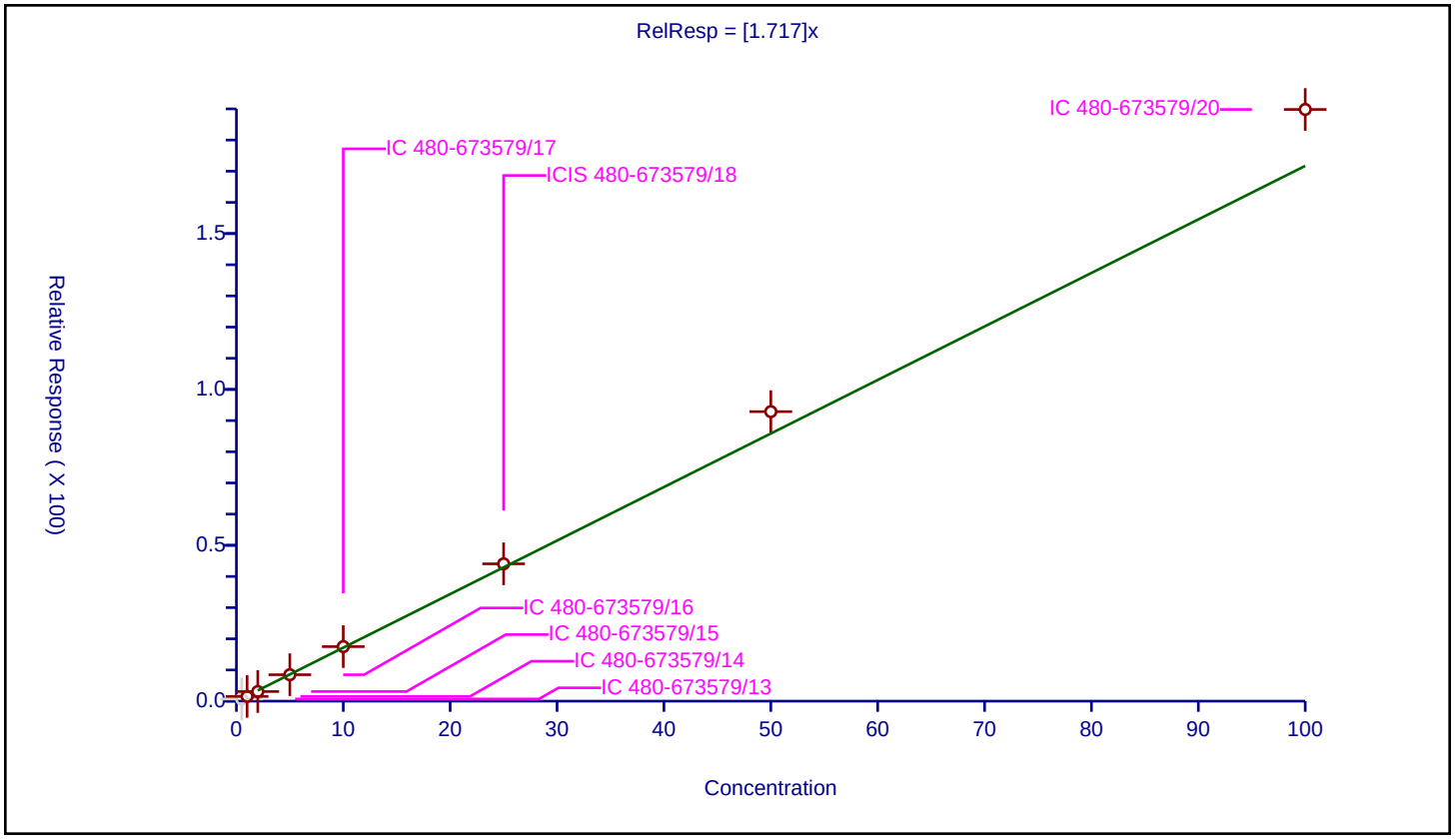
Curve Coefficients

Intercept:	0
Slope:	1.717

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.695385	25.0	403230.0	1.39077	N
2	IC 480-673579/14	1.0	1.516068	25.0	410140.0	1.516068	Y
3	IC 480-673579/15	2.0	3.081103	25.0	400368.0	1.540551	Y
4	IC 480-673579/16	5.0	8.479676	25.0	396843.0	1.695935	Y
5	IC 480-673579/17	10.0	17.494426	25.0	407727.0	1.749443	Y
6	ICIS 480-673579/18	25.0	44.04837	25.0	410396.0	1.761935	Y
7	IC 480-673579/19	50.0	92.871537	25.0	426996.0	1.857431	Y
8	IC 480-673579/20	100.0	189.815358	25.0	438280.0	1.898154	Y



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Calibration / Bromoform

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

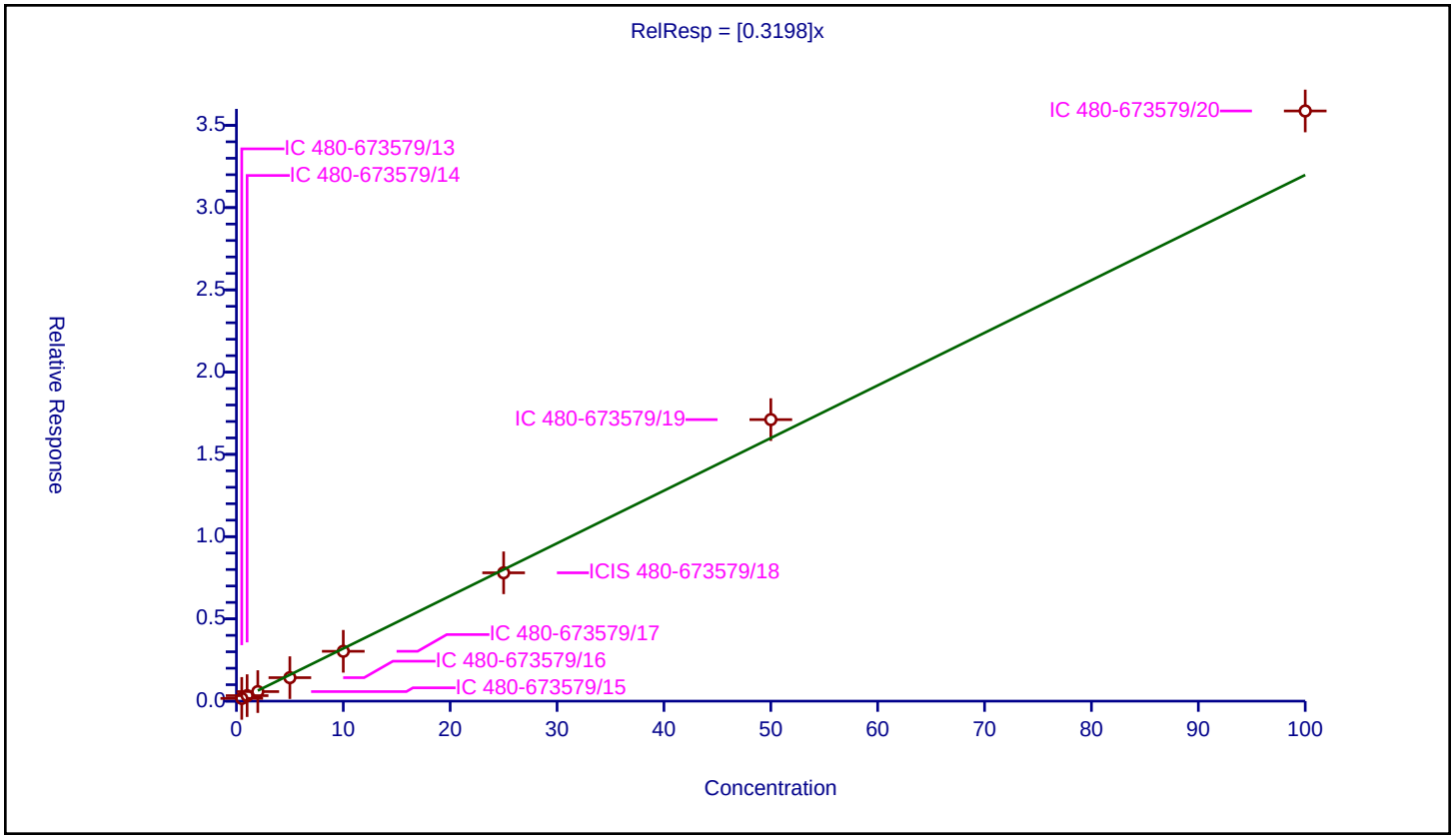
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Standard Error:	267000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.166158	25.0	403230.0	0.332317	Y
2	IC 480-673579/14	1.0	0.334215	25.0	410140.0	0.334215	Y
3	IC 480-673579/15	2.0	0.581153	25.0	400368.0	0.290576	Y
4	IC 480-673579/16	5.0	1.427643	25.0	396843.0	0.285529	Y
5	IC 480-673579/17	10.0	3.030643	25.0	407727.0	0.303064	Y
6	ICIS 480-673579/18	25.0	7.80088	25.0	410396.0	0.312035	Y
7	IC 480-673579/19	50.0	17.113802	25.0	426996.0	0.342276	Y
8	IC 480-673579/20	100.0	35.873357	25.0	438280.0	0.358734	Y



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Calibration / Isopropylbenzene

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

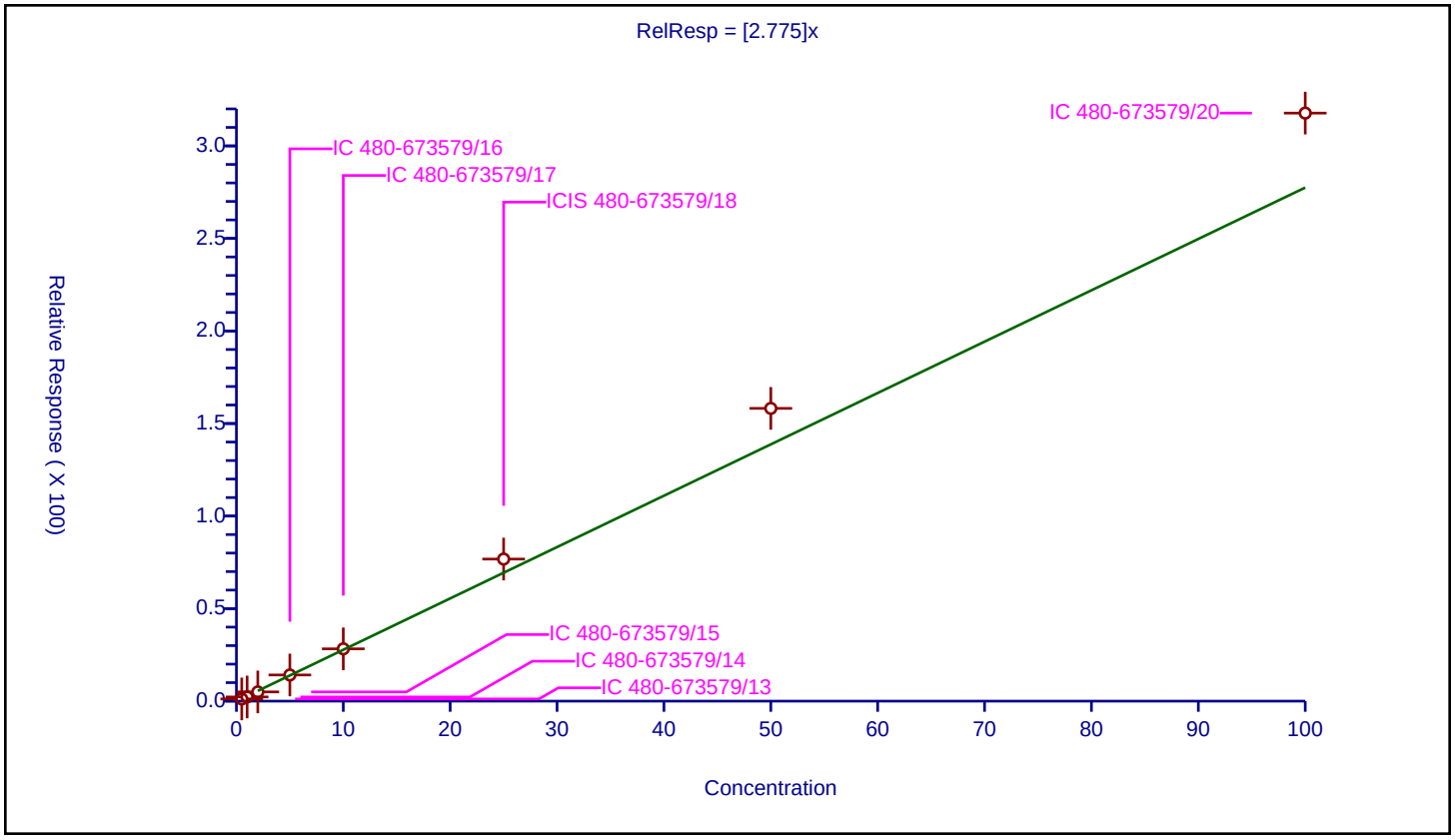
Curve Coefficients

Intercept:	0
Slope:	2.775

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	13.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.194205	25.0	374475.0	2.38841	Y
2	IC 480-673579/14	1.0	2.252914	25.0	401480.0	2.252914	Y
3	IC 480-673579/15	2.0	4.984811	25.0	375596.0	2.492405	Y
4	IC 480-673579/16	5.0	14.13876	25.0	369357.0	2.827752	Y
5	IC 480-673579/17	10.0	28.253162	25.0	390620.0	2.825316	Y
6	ICIS 480-673579/18	25.0	76.763867	25.0	380726.0	3.070555	Y
7	IC 480-673579/19	50.0	158.184472	25.0	396229.0	3.163689	Y
8	IC 480-673579/20	100.0	317.720169	25.0	413921.0	3.177202	Y



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Calibration / 4-Bromofluorobenzene (Surr)

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

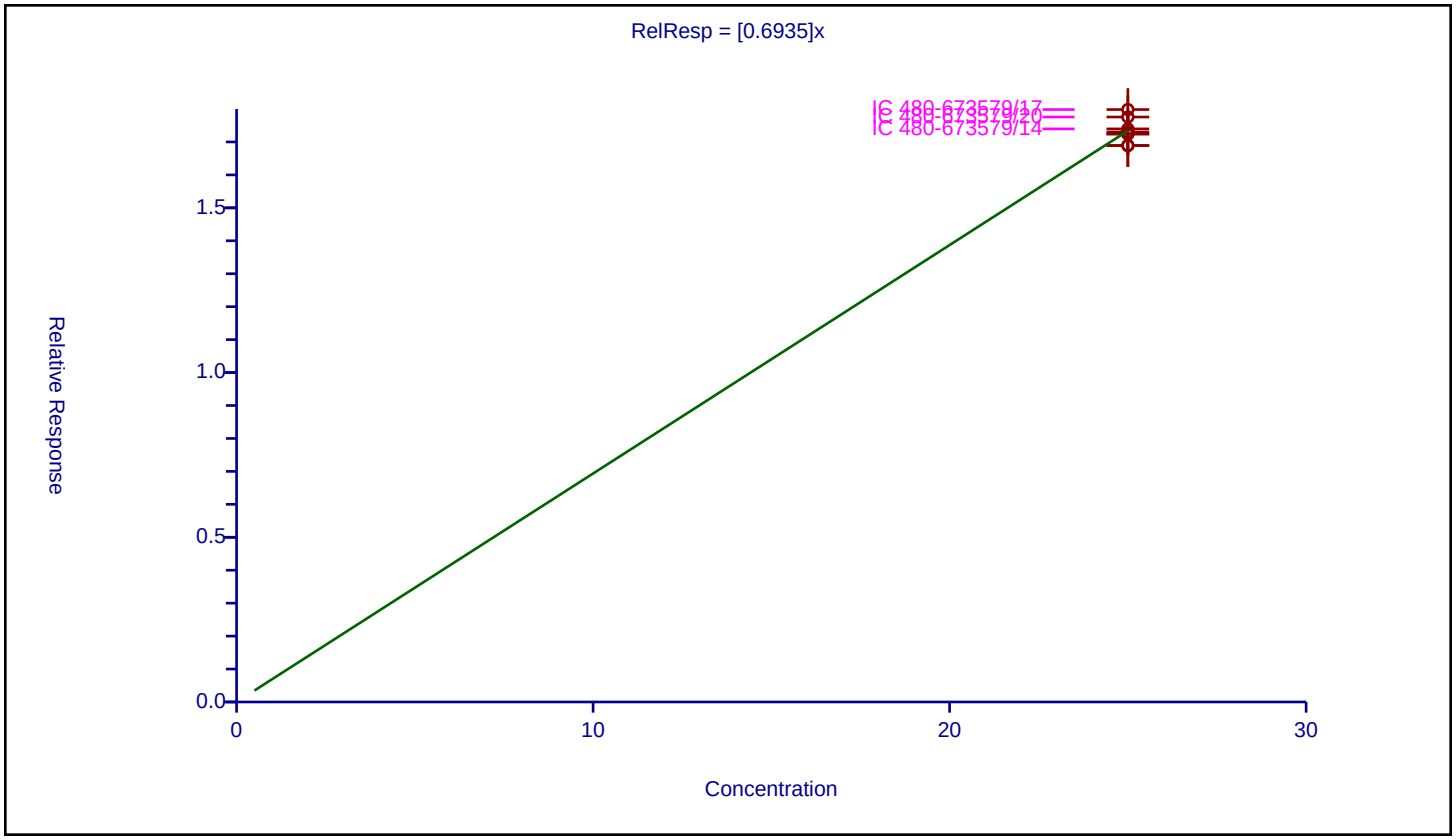
Curve Coefficients

Intercept:	0
Slope:	0.6935

Error Coefficients

Standard Error:	306000
Relative Standard Error:	2.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	25.0	17.248717	25.0	403230.0	0.689949	Y
2	IC 480-673579/14	25.0	17.396194	25.0	410140.0	0.695848	Y
3	IC 480-673579/15	25.0	17.238203	25.0	400368.0	0.689528	Y
4	IC 480-673579/16	25.0	16.888732	25.0	396843.0	0.675549	Y
5	IC 480-673579/17	25.0	17.98354	25.0	407727.0	0.719342	Y
6	ICIS 480-673579/18	25.0	16.895267	25.0	410396.0	0.675811	Y
7	IC 480-673579/19	25.0	17.298933	25.0	426996.0	0.691957	Y
8	IC 480-673579/20	25.0	17.757085	25.0	438280.0	0.710283	Y



Calibration / Bromobenzene

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

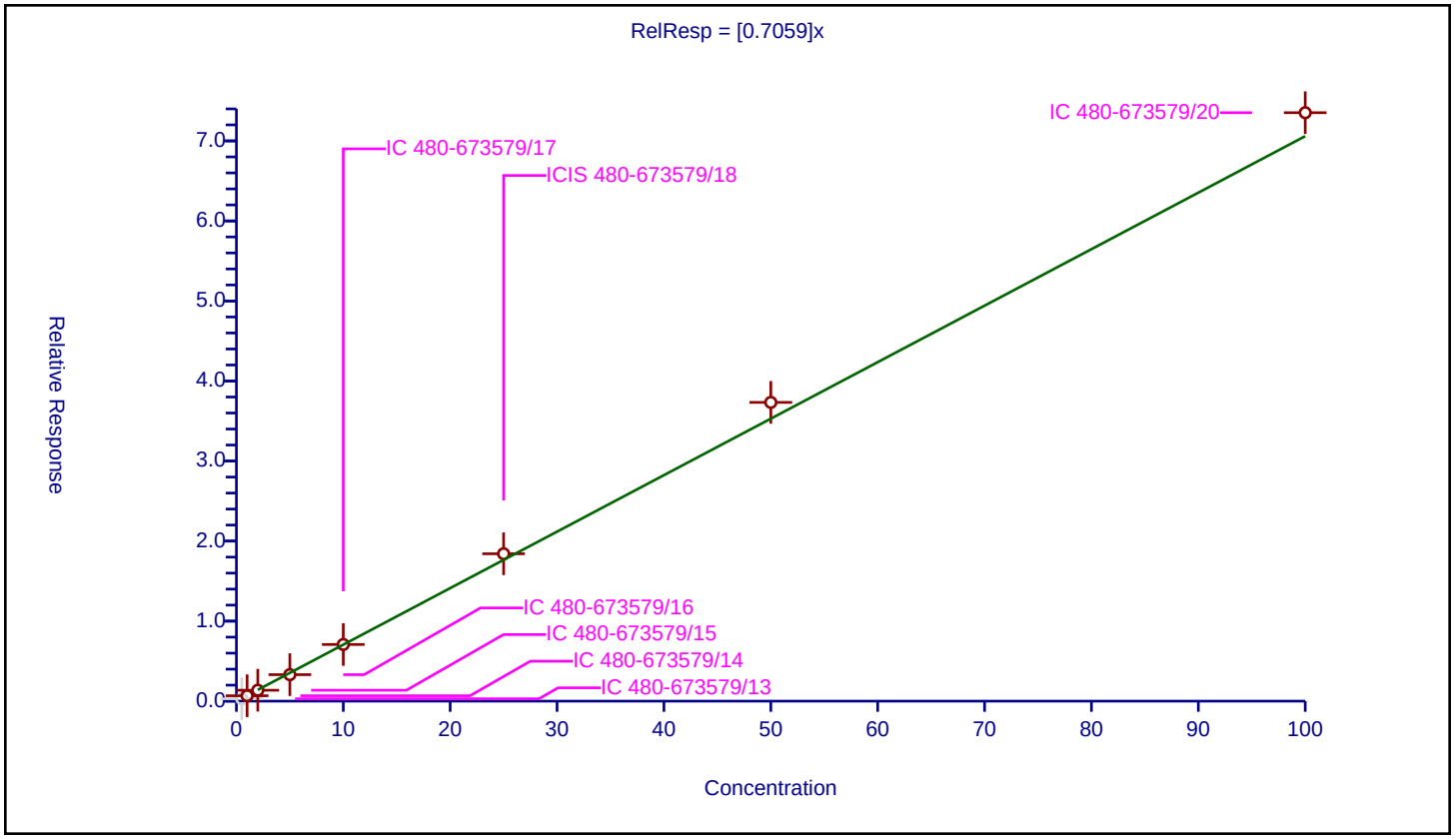
Curve Coefficients

Intercept:	0
Slope:	0.7059

Error Coefficients

Standard Error:	566000
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	IC 480-673579/13	0.5	0.296482	25.0	374475.0	0.592963	N
2	IC 480-673579/14	1.0	0.6722	25.0	401480.0	0.6722	Y
3	IC 480-673579/15	2.0	1.361436	25.0	375596.0	0.680718	Y
4	IC 480-673579/16	5.0	3.310415	25.0	369357.0	0.662083	Y
5	IC 480-673579/17	10.0	7.078939	25.0	390620.0	0.707894	Y
6	ICIS 480-673579/18	25.0	18.416328	25.0	380726.0	0.736653	Y
7	IC 480-673579/19	50.0	37.327089	25.0	396229.0	0.746542	Y
8	IC 480-673579/20	100.0	73.523933	25.0	413921.0	0.735239	Y



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Calibration / 1,1,2,2-Tetrachloroethane

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

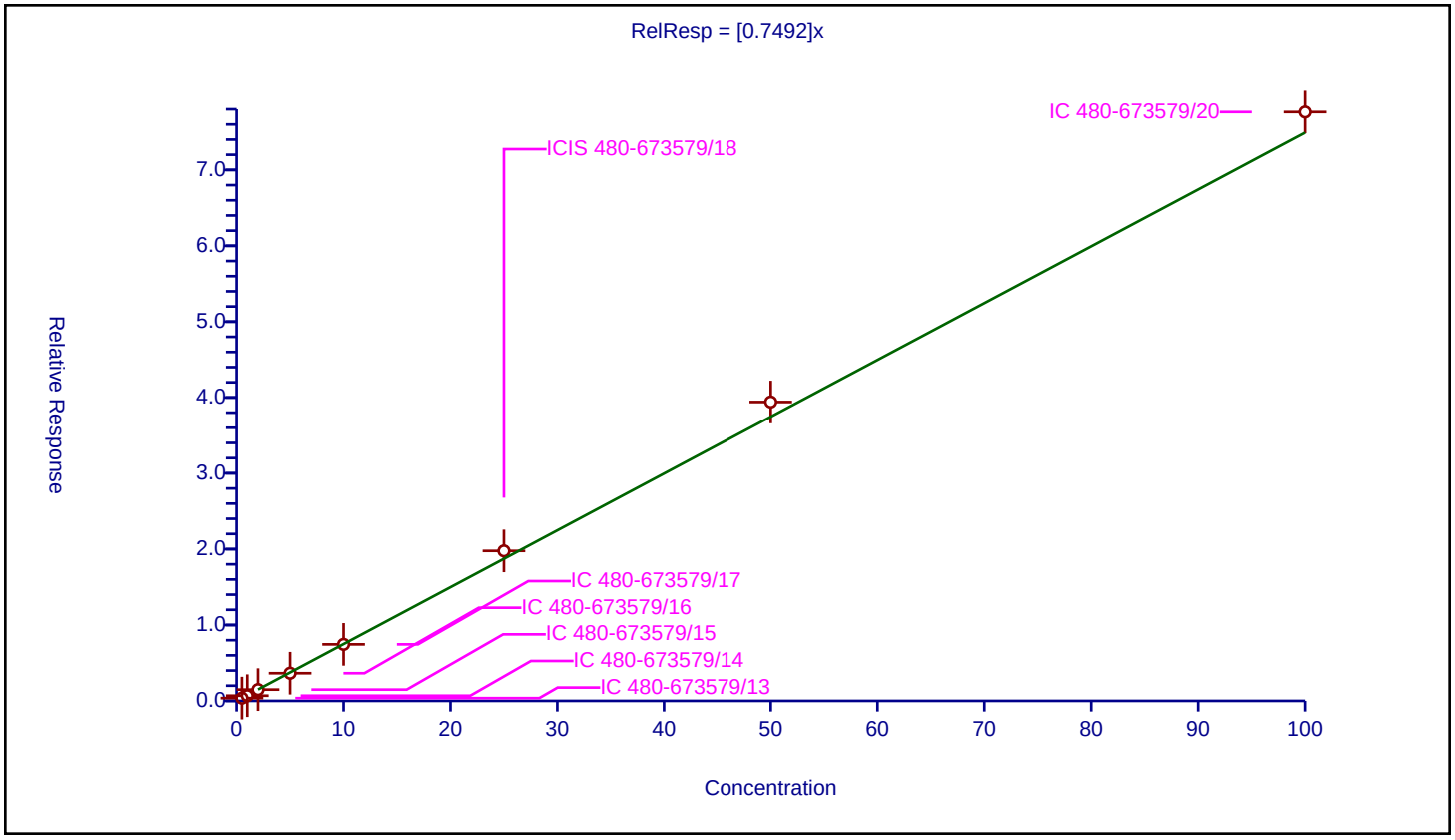
Curve Coefficients

Intercept:	0
Slope:	0.7492

Error Coefficients

Standard Error:	554000
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	IC 480-673579/13	0.5	0.367915	25.0	374475.0	0.73583	Y
2	IC 480-673579/14	1.0	0.684592	25.0	401480.0	0.684592	Y
3	IC 480-673579/15	2.0	1.486304	25.0	375596.0	0.743152	Y
4	IC 480-673579/16	5.0	3.647555	25.0	369357.0	0.729511	Y
5	IC 480-673579/17	10.0	7.450207	25.0	390620.0	0.745021	Y
6	ICIS 480-673579/18	25.0	19.7673	25.0	380726.0	0.790692	Y
7	IC 480-673579/19	50.0	39.40518	25.0	396229.0	0.788104	Y
8	IC 480-673579/20	100.0	77.63897	25.0	413921.0	0.77639	Y



Calibration / N-Propylbenzene

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

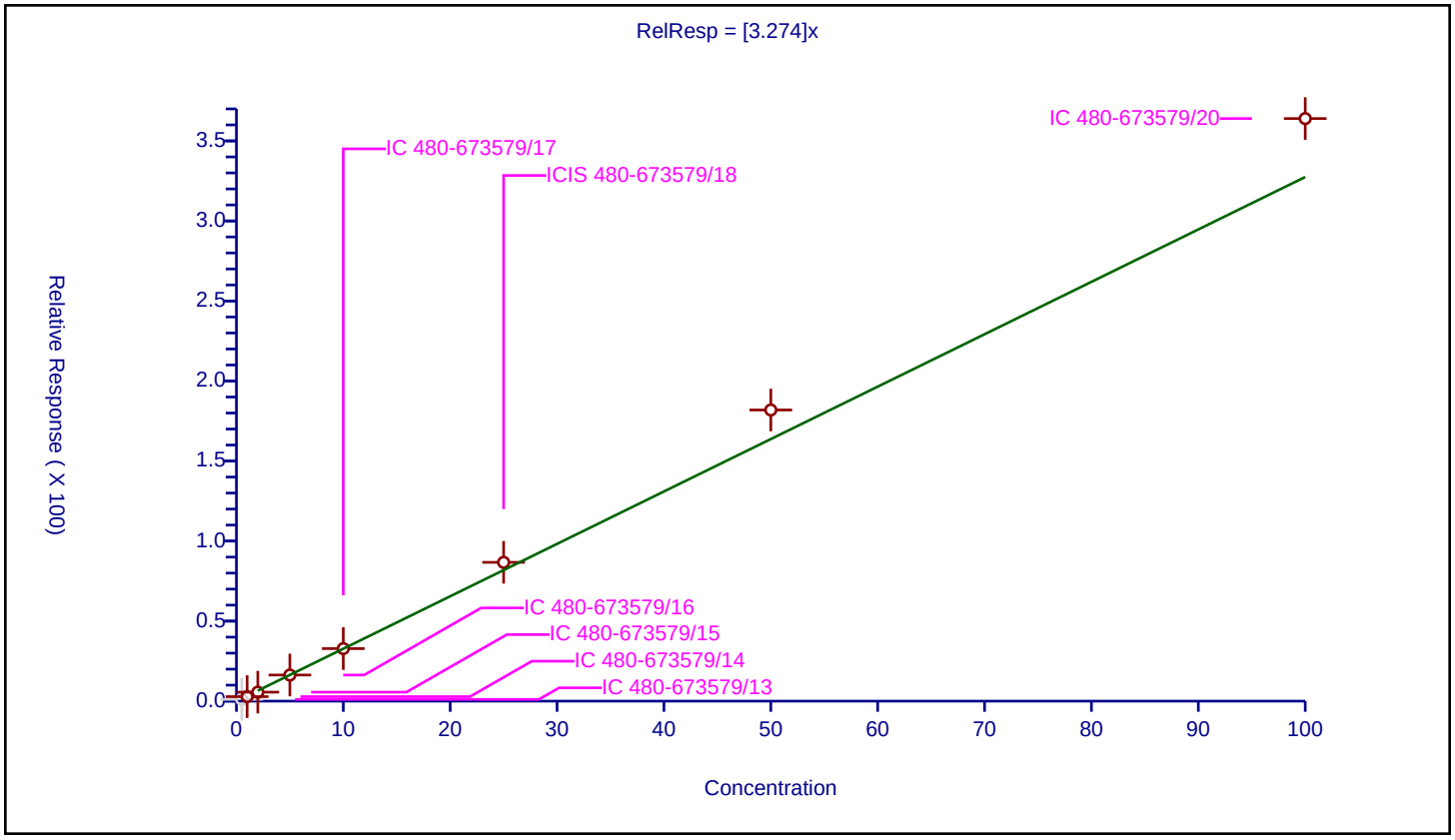
Curve Coefficients

Intercept:	0
Slope:	3.274

Error Coefficients

Standard Error:	2790000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.112891	25.0	374475.0	2.225783	N
2	IC 480-673579/14	1.0	2.817824	25.0	401480.0	2.817824	Y
3	IC 480-673579/15	2.0	5.619668	25.0	375596.0	2.809834	Y
4	IC 480-673579/16	5.0	16.322217	25.0	369357.0	3.264443	Y
5	IC 480-673579/17	10.0	32.82698	25.0	390620.0	3.282698	Y
6	ICIS 480-673579/18	25.0	86.71039	25.0	380726.0	3.468416	Y
7	IC 480-673579/19	50.0	181.898473	25.0	396229.0	3.637969	Y
8	IC 480-673579/20	100.0	363.957434	25.0	413921.0	3.639574	Y



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

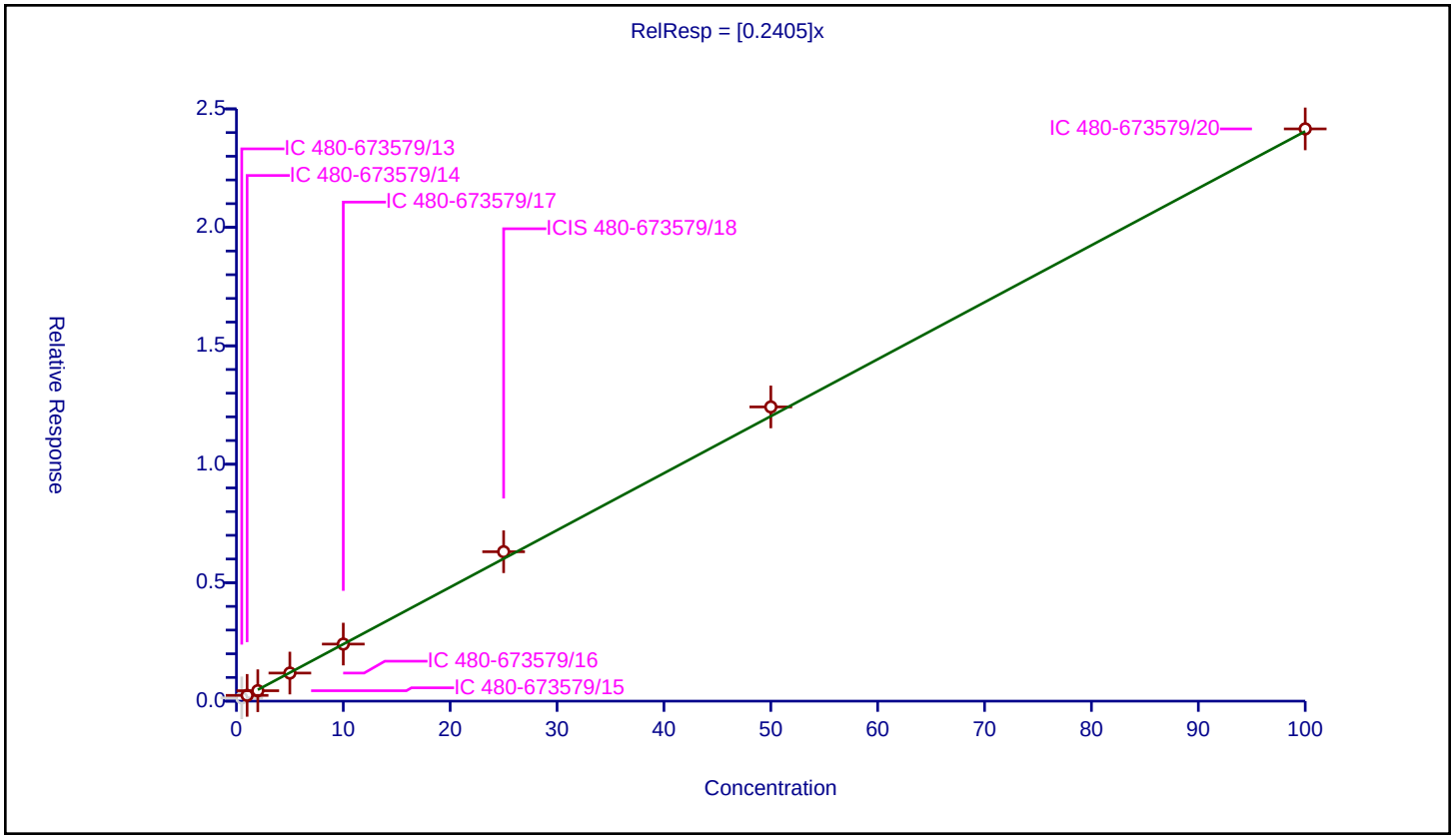
Curve Coefficients

Intercept:	0
Slope:	0.2405

Error Coefficients

Standard Error:	187000
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	IC 480-673579/13	0.5	0.138728	25.0	374475.0	0.277455	N
2	IC 480-673579/14	1.0	0.243287	25.0	401480.0	0.243287	Y
3	IC 480-673579/15	2.0	0.440367	25.0	375596.0	0.220183	Y
4	IC 480-673579/16	5.0	1.185845	25.0	369357.0	0.237169	Y
5	IC 480-673579/17	10.0	2.409183	25.0	390620.0	0.240918	Y
6	ICIS 480-673579/18	25.0	6.306832	25.0	380726.0	0.252273	Y
7	IC 480-673579/19	50.0	12.418829	25.0	396229.0	0.248377	Y
8	IC 480-673579/20	100.0	24.155153	25.0	413921.0	0.241552	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

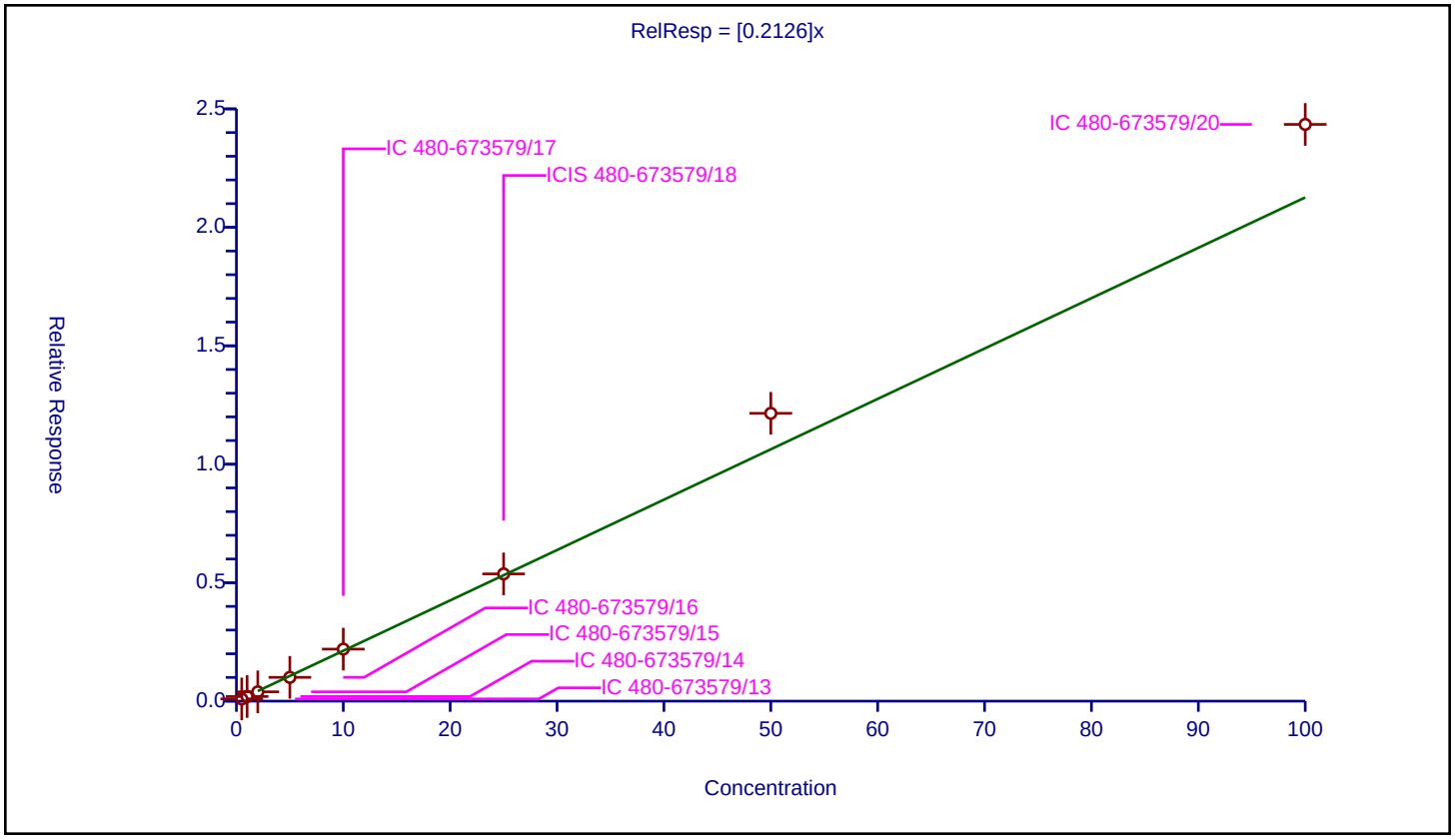
Curve Coefficients

Intercept:	0
Slope:	0.2126

Error Coefficients

Standard Error:	172000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.093664	25.0	374475.0	0.187329	Y
2	IC 480-673579/14	1.0	0.19534	25.0	401480.0	0.19534	Y
3	IC 480-673579/15	2.0	0.393708	25.0	375596.0	0.196854	Y
4	IC 480-673579/16	5.0	1.002892	25.0	369357.0	0.200578	Y
5	IC 480-673579/17	10.0	2.195932	25.0	390620.0	0.219593	Y
6	ICIS 480-673579/18	25.0	5.371186	25.0	380726.0	0.214847	Y
7	IC 480-673579/19	50.0	12.14954	25.0	396229.0	0.242991	Y
8	IC 480-673579/20	100.0	24.344863	25.0	413921.0	0.243449	Y



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Calibration / 2-Chlorotoluene

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

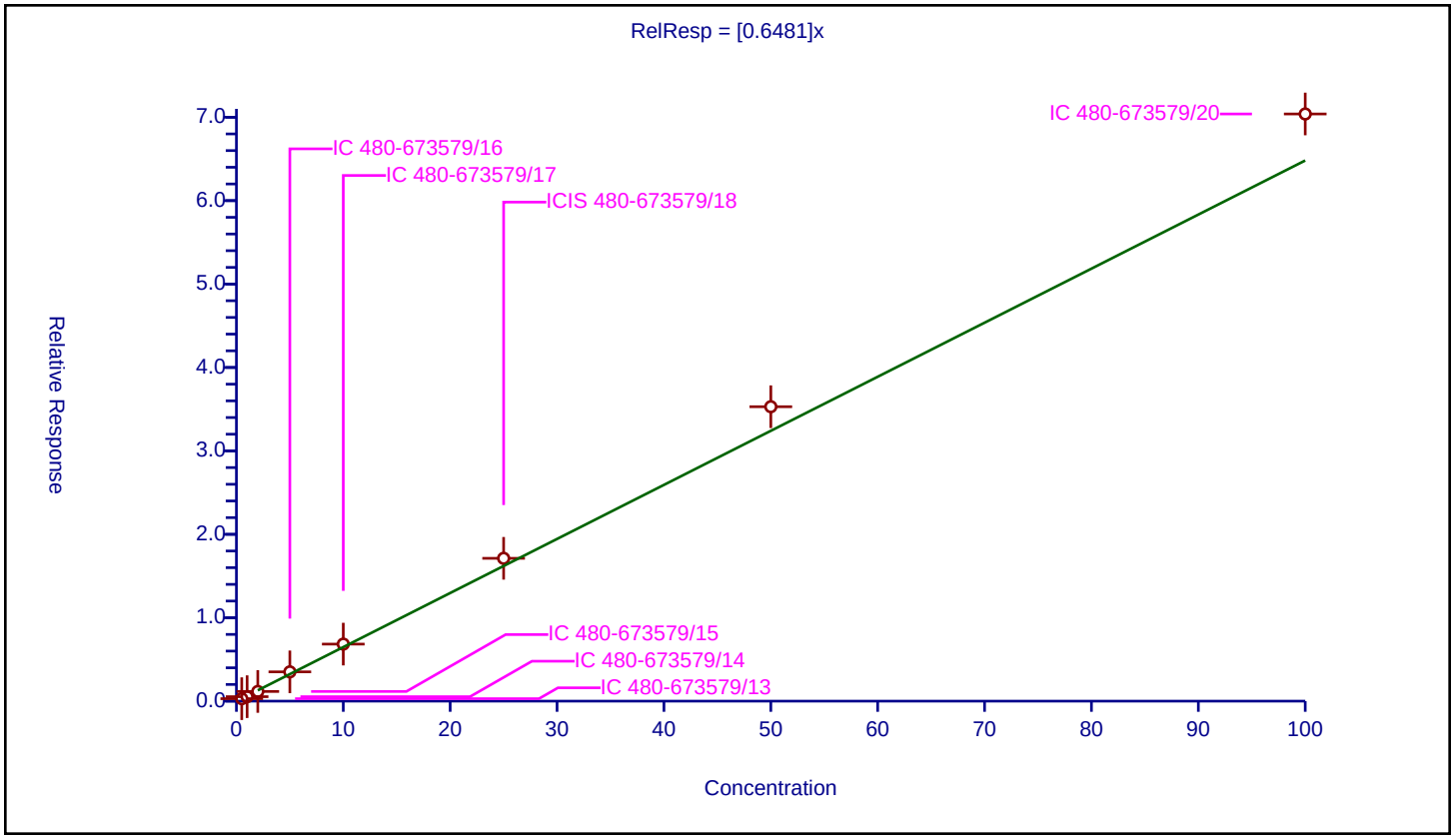
Curve Coefficients

Intercept:	0
Slope:	0.6481

Error Coefficients

Standard Error:	501000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.295147	25.0	374475.0	0.590293	Y
2	IC 480-673579/14	1.0	0.533277	25.0	401480.0	0.533277	Y
3	IC 480-673579/15	2.0	1.160755	25.0	375596.0	0.580378	Y
4	IC 480-673579/16	5.0	3.511643	25.0	369357.0	0.702329	Y
5	IC 480-673579/17	10.0	6.838616	25.0	390620.0	0.683862	Y
6	ICIS 480-673579/18	25.0	17.121893	25.0	380726.0	0.684876	Y
7	IC 480-673579/19	50.0	35.297833	25.0	396229.0	0.705957	Y
8	IC 480-673579/20	100.0	70.391029	25.0	413921.0	0.70391	Y



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Calibration / 1,3,5-Trimethylbenzene

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

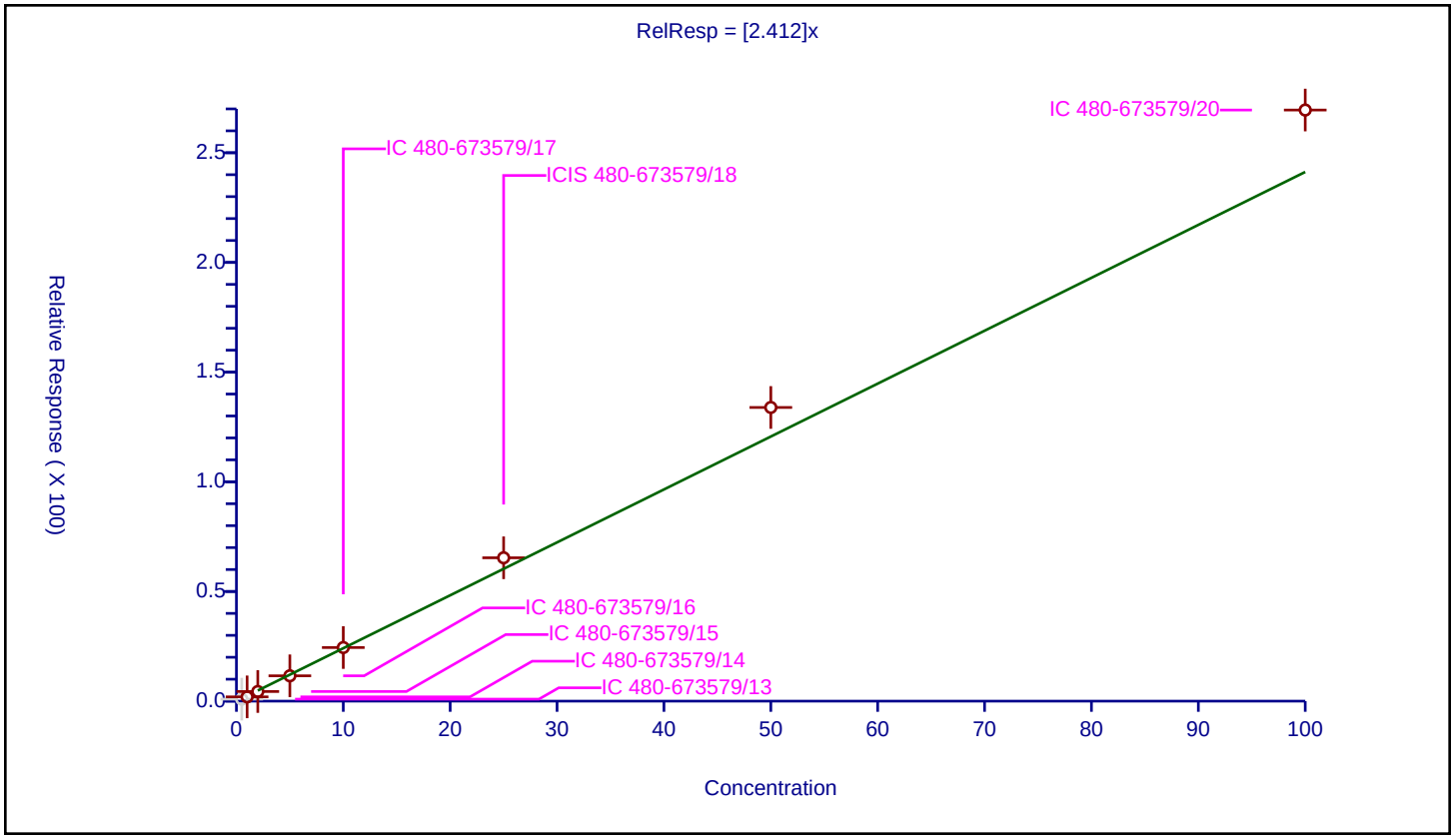
Curve Coefficients

Intercept:	0
Slope:	2.412

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.910608	25.0	374475.0	1.821216	N
2	IC 480-673579/14	1.0	1.951965	25.0	401480.0	1.951965	Y
3	IC 480-673579/15	2.0	4.390156	25.0	375596.0	2.195078	Y
4	IC 480-673579/16	5.0	11.550343	25.0	369357.0	2.310069	Y
5	IC 480-673579/17	10.0	24.432377	25.0	390620.0	2.443238	Y
6	ICIS 480-673579/18	25.0	65.350738	25.0	380726.0	2.61403	Y
7	IC 480-673579/19	50.0	133.885455	25.0	396229.0	2.677709	Y
8	IC 480-673579/20	100.0	269.481858	25.0	413921.0	2.694819	Y



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Calibration / 4-Chlorotoluene

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

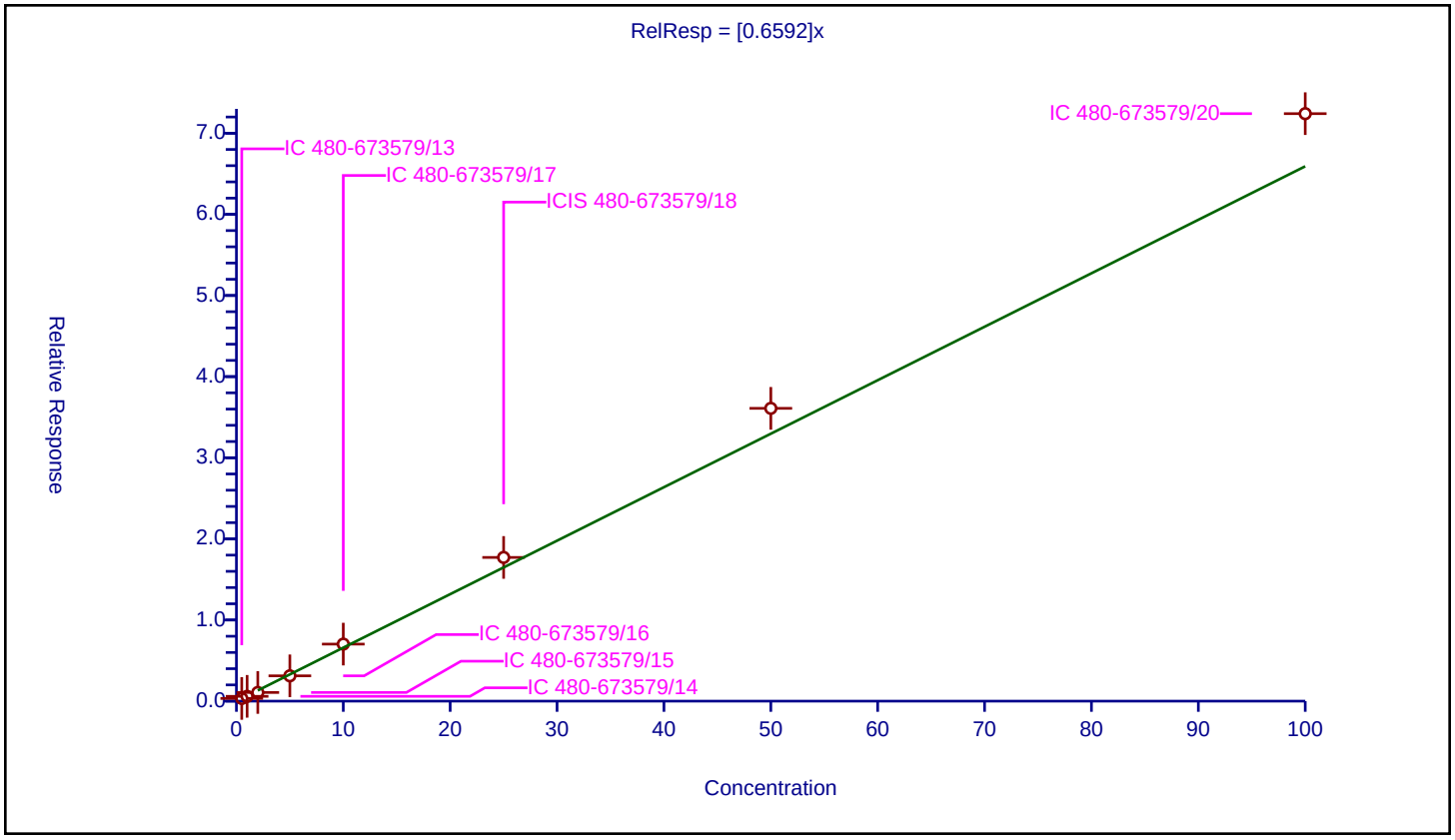
Curve Coefficients

Intercept:	0
Slope:	0.6592

Error Coefficients

Standard Error:	514000
Relative Standard Error:	10.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.331931	25.0	374475.0	0.663863	Y
2	IC 480-673579/14	1.0	0.593305	25.0	401480.0	0.593305	Y
3	IC 480-673579/15	2.0	1.070099	25.0	375596.0	0.53505	Y
4	IC 480-673579/16	5.0	3.120829	25.0	369357.0	0.624166	Y
5	IC 480-673579/17	10.0	7.02985	25.0	390620.0	0.702985	Y
6	ICIS 480-673579/18	25.0	17.711819	25.0	380726.0	0.708473	Y
7	IC 480-673579/19	50.0	36.089231	25.0	396229.0	0.721785	Y
8	IC 480-673579/20	100.0	72.411583	25.0	413921.0	0.724116	Y



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Calibration / tert-Butylbenzene

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

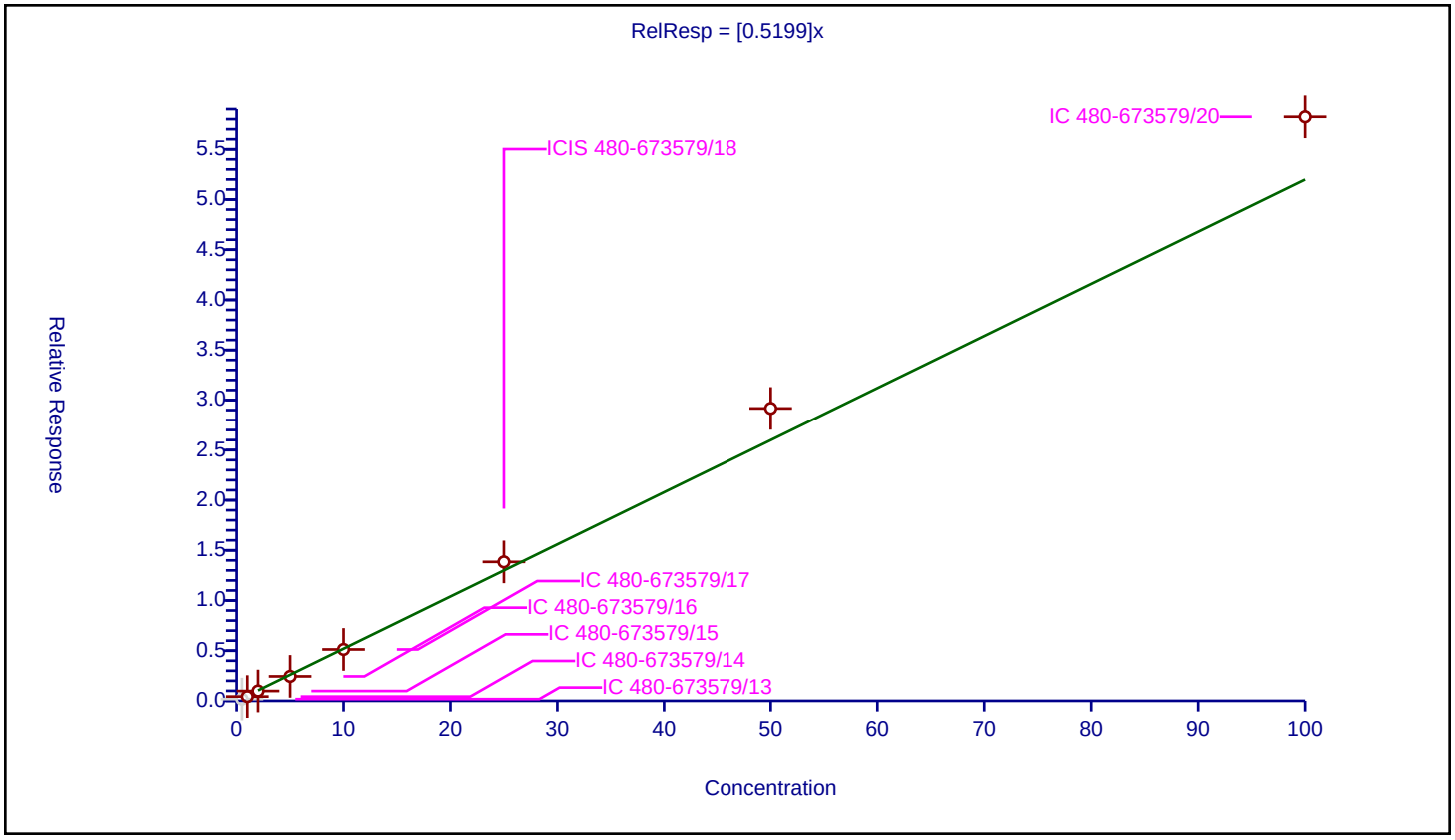
Curve Coefficients

Intercept:	0
Slope:	0.5199

Error Coefficients

Standard Error:	446000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.175179	25.0	374475.0	0.350357	N
2	IC 480-673579/14	1.0	0.428166	25.0	401480.0	0.428166	Y
3	IC 480-673579/15	2.0	0.983104	25.0	375596.0	0.491552	Y
4	IC 480-673579/16	5.0	2.438698	25.0	369357.0	0.48774	Y
5	IC 480-673579/17	10.0	5.124098	25.0	390620.0	0.51241	Y
6	ICIS 480-673579/18	25.0	13.849921	25.0	380726.0	0.553997	Y
7	IC 480-673579/19	50.0	29.162618	25.0	396229.0	0.583252	Y
8	IC 480-673579/20	100.0	58.232066	25.0	413921.0	0.582321	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

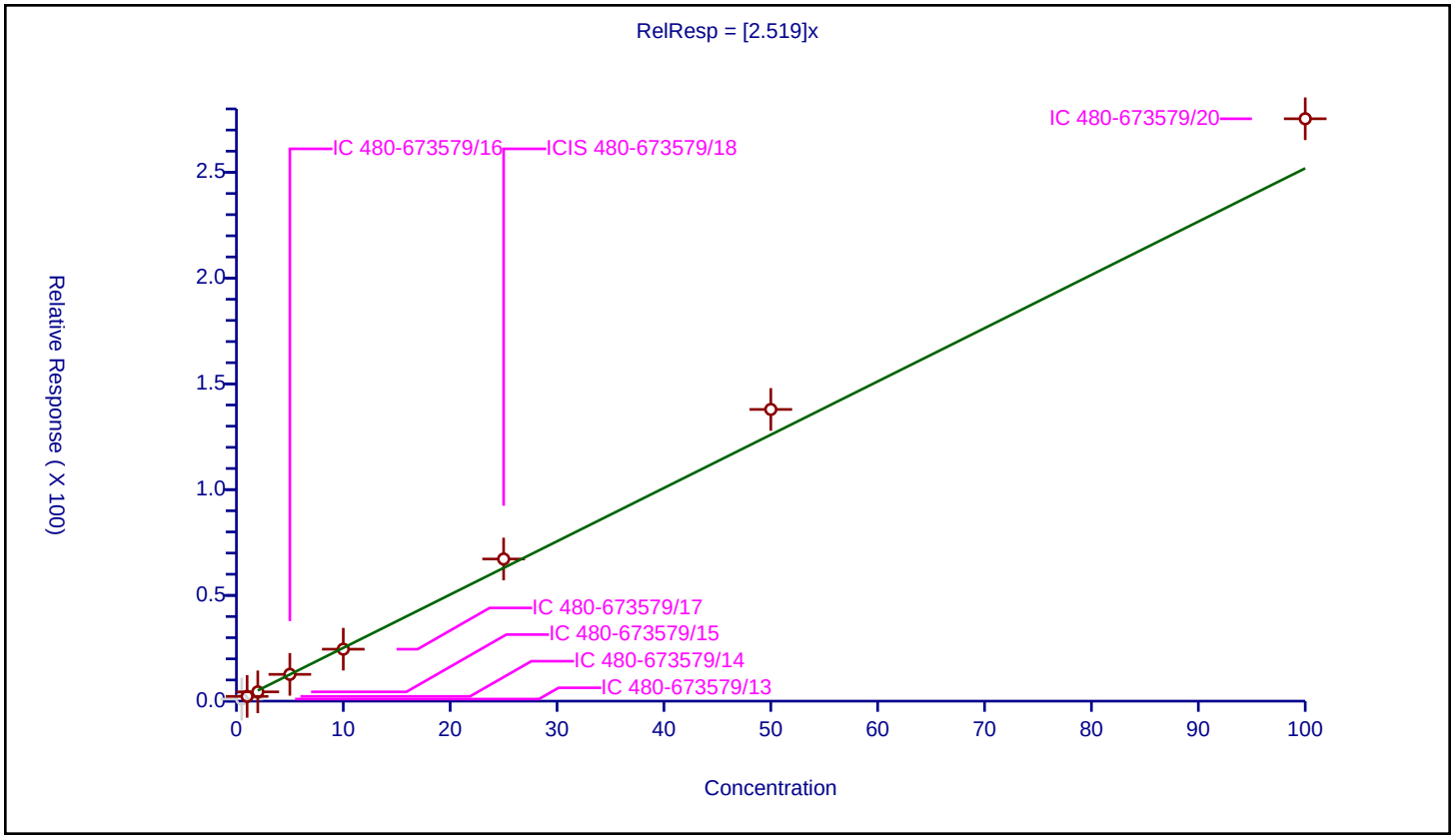
Curve Coefficients

Intercept:	0
Slope:	2.519

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.987049	25.0	374475.0	1.974097	N
2	IC 480-673579/14	1.0	2.250486	25.0	401480.0	2.250486	Y
3	IC 480-673579/15	2.0	4.389091	25.0	375596.0	2.194545	Y
4	IC 480-673579/16	5.0	12.666607	25.0	369357.0	2.533321	Y
5	IC 480-673579/17	10.0	24.555258	25.0	390620.0	2.455526	Y
6	ICIS 480-673579/18	25.0	67.199508	25.0	380726.0	2.68798	Y
7	IC 480-673579/19	50.0	137.912924	25.0	396229.0	2.758258	Y
8	IC 480-673579/20	100.0	275.329471	25.0	413921.0	2.753295	Y



Calibration / sec-Butylbenzene

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

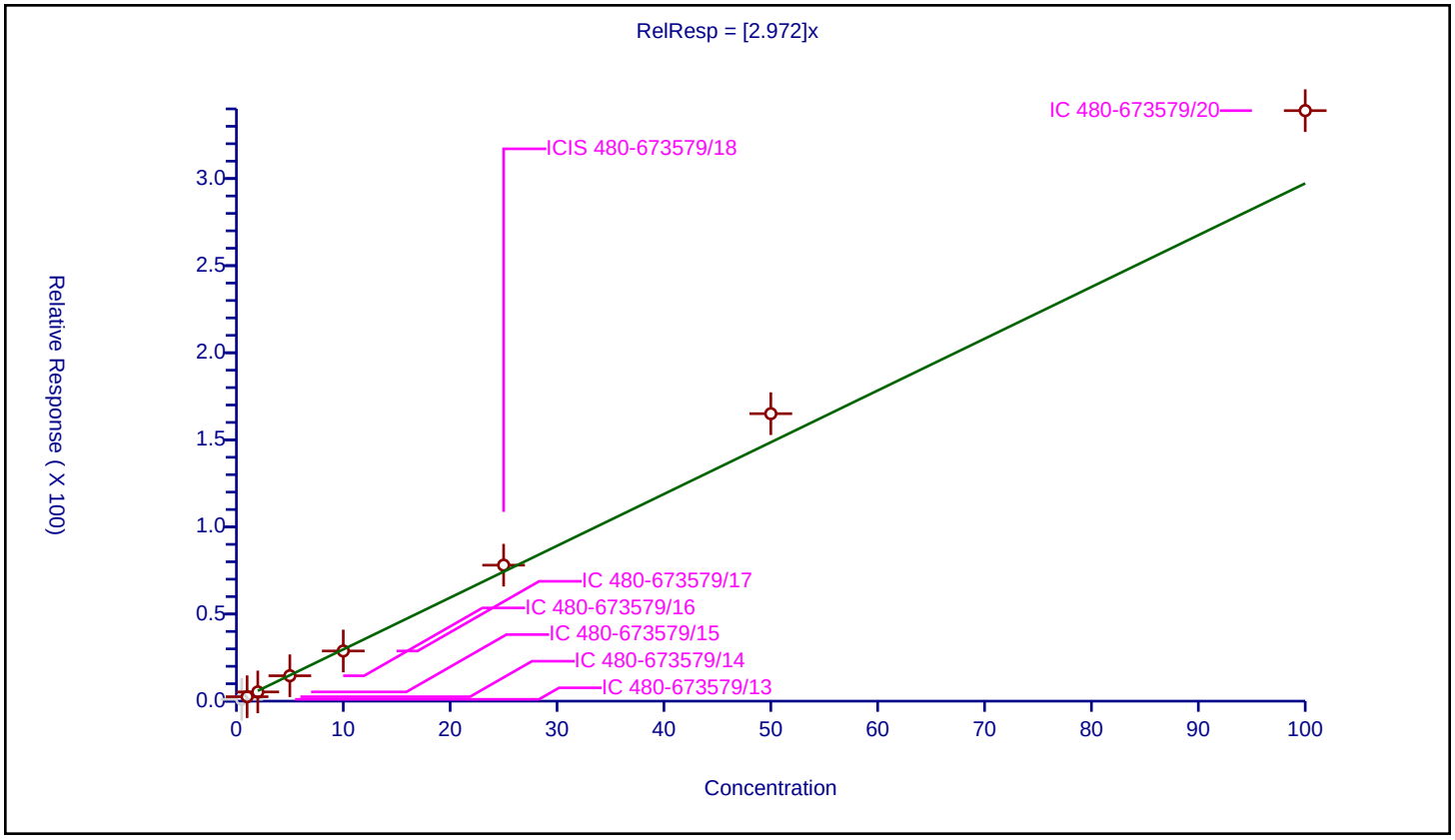
Curve Coefficients

Intercept:	0
Slope:	2.972

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.046999	25.0	374475.0	2.093998	N
2	IC 480-673579/14	1.0	2.546827	25.0	401480.0	2.546827	Y
3	IC 480-673579/15	2.0	5.295983	25.0	375596.0	2.647991	Y
4	IC 480-673579/16	5.0	14.584332	25.0	369357.0	2.916866	Y
5	IC 480-673579/17	10.0	28.801777	25.0	390620.0	2.880178	Y
6	ICIS 480-673579/18	25.0	78.060666	25.0	380726.0	3.122427	Y
7	IC 480-673579/19	50.0	165.032595	25.0	396229.0	3.300652	Y
8	IC 480-673579/20	100.0	338.99017	25.0	413921.0	3.389902	Y



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Calibration / 1,3-Dichlorobenzene

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

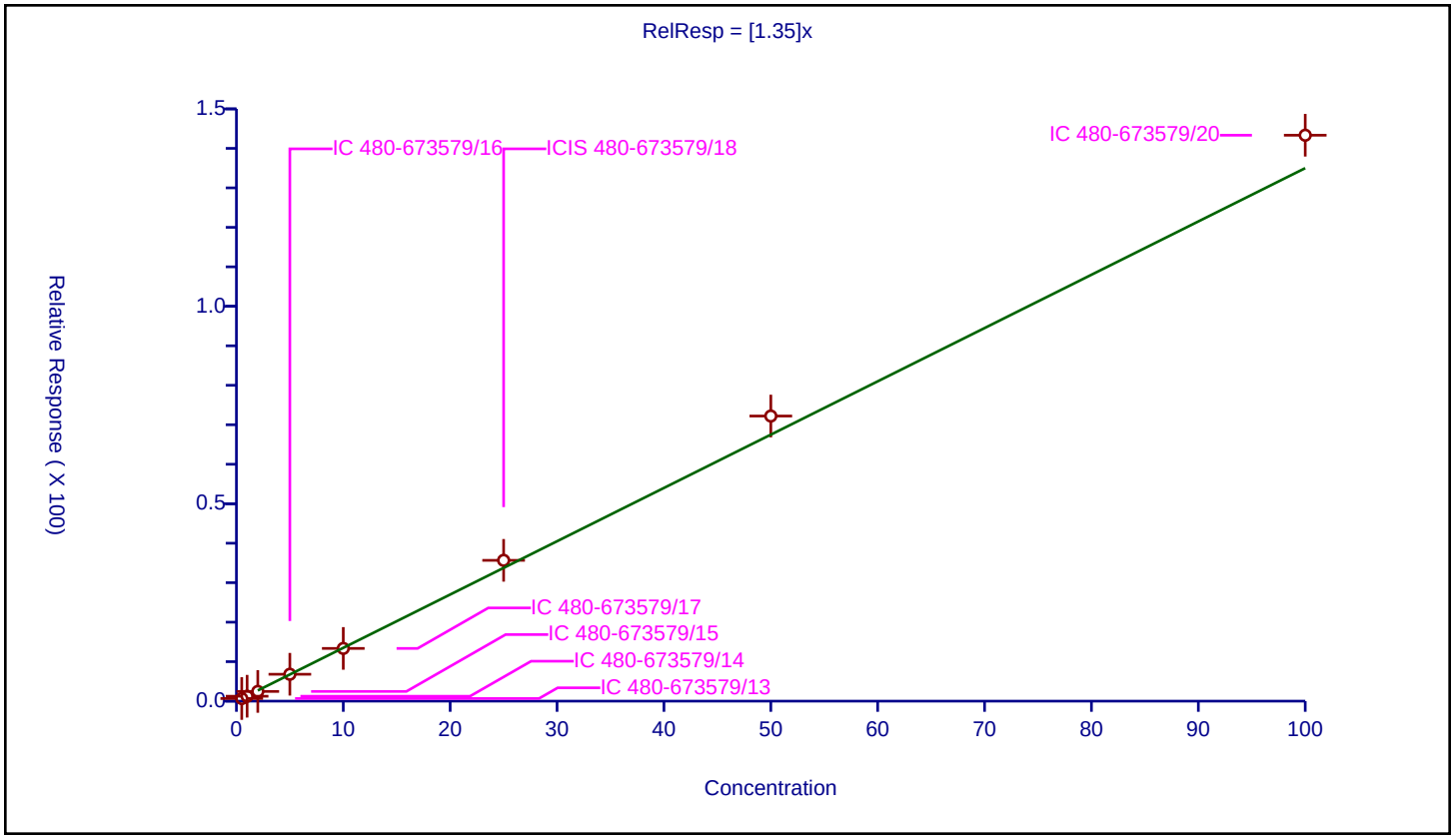
Curve Coefficients

Intercept:	0
Slope:	1.35

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.66186	25.0	374475.0	1.32372	Y
2	IC 480-673579/14	1.0	1.246637	25.0	401480.0	1.246637	Y
3	IC 480-673579/15	2.0	2.457095	25.0	375596.0	1.228547	Y
4	IC 480-673579/16	5.0	6.807032	25.0	369357.0	1.361406	Y
5	IC 480-673579/17	10.0	13.349675	25.0	390620.0	1.334967	Y
6	ICIS 480-673579/18	25.0	35.660488	25.0	380726.0	1.42642	Y
7	IC 480-673579/19	50.0	72.20736	25.0	396229.0	1.444147	Y
8	IC 480-673579/20	100.0	143.329283	25.0	413921.0	1.433293	Y



Calibration / 4-Isopropyltoluene

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

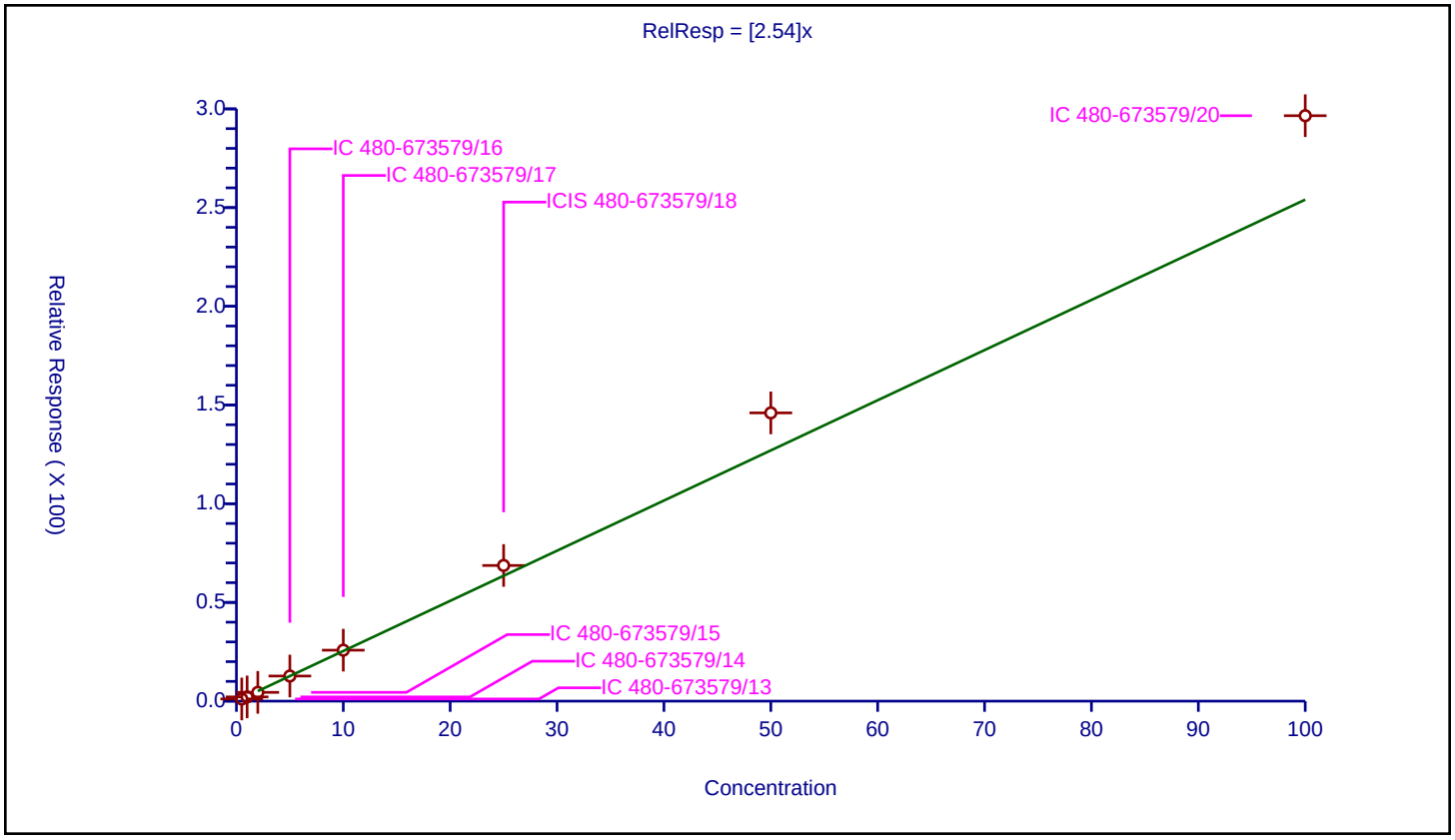
Curve Coefficients

Intercept:	0
Slope:	2.54

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.098004	25.0	374475.0	2.196008	Y
2	IC 480-673579/14	1.0	2.142261	25.0	401480.0	2.142261	Y
3	IC 480-673579/15	2.0	4.443471	25.0	375596.0	2.221736	Y
4	IC 480-673579/16	5.0	12.729216	25.0	369357.0	2.545843	Y
5	IC 480-673579/17	10.0	25.815434	25.0	390620.0	2.581543	Y
6	ICIS 480-673579/18	25.0	68.722126	25.0	380726.0	2.748885	Y
7	IC 480-673579/19	50.0	146.007044	25.0	396229.0	2.920141	Y
8	IC 480-673579/20	100.0	296.546563	25.0	413921.0	2.965466	Y



7/12/2023
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Calibration / 1,4-Dichlorobenzene

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

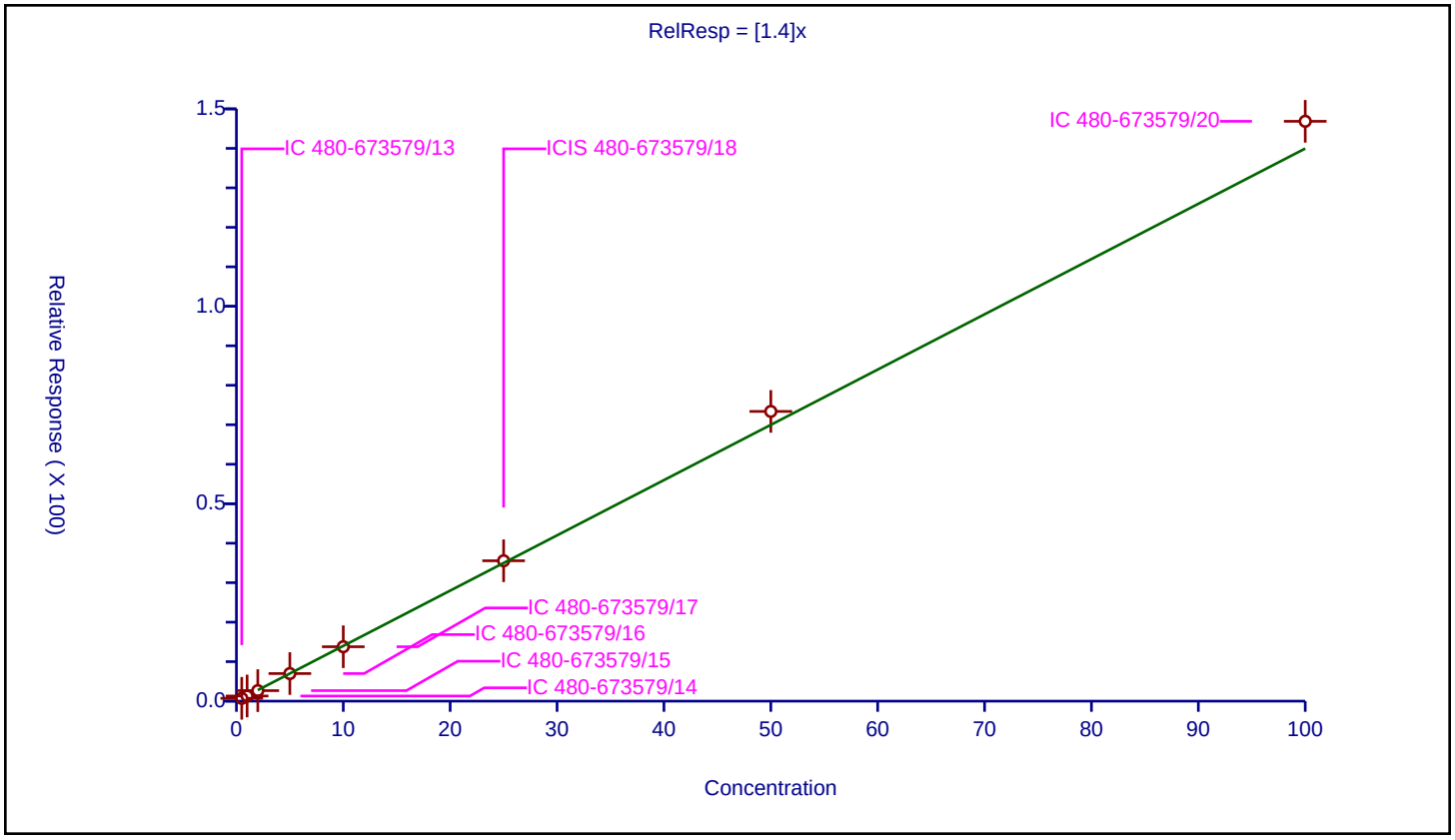
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.713332	25.0	374475.0	1.426664	Y
2	IC 480-673579/14	1.0	1.306292	25.0	401480.0	1.306292	Y
3	IC 480-673579/15	2.0	2.661104	25.0	375596.0	1.330552	Y
4	IC 480-673579/16	5.0	6.983826	25.0	369357.0	1.396765	Y
5	IC 480-673579/17	10.0	13.779184	25.0	390620.0	1.377918	Y
6	ICIS 480-673579/18	25.0	35.55037	25.0	380726.0	1.422015	Y
7	IC 480-673579/19	50.0	73.376949	25.0	396229.0	1.467539	Y
8	IC 480-673579/20	100.0	146.858881	25.0	413921.0	1.468589	Y



7/12/2023
10:47 AM

Calibration / n-Butylbenzene

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

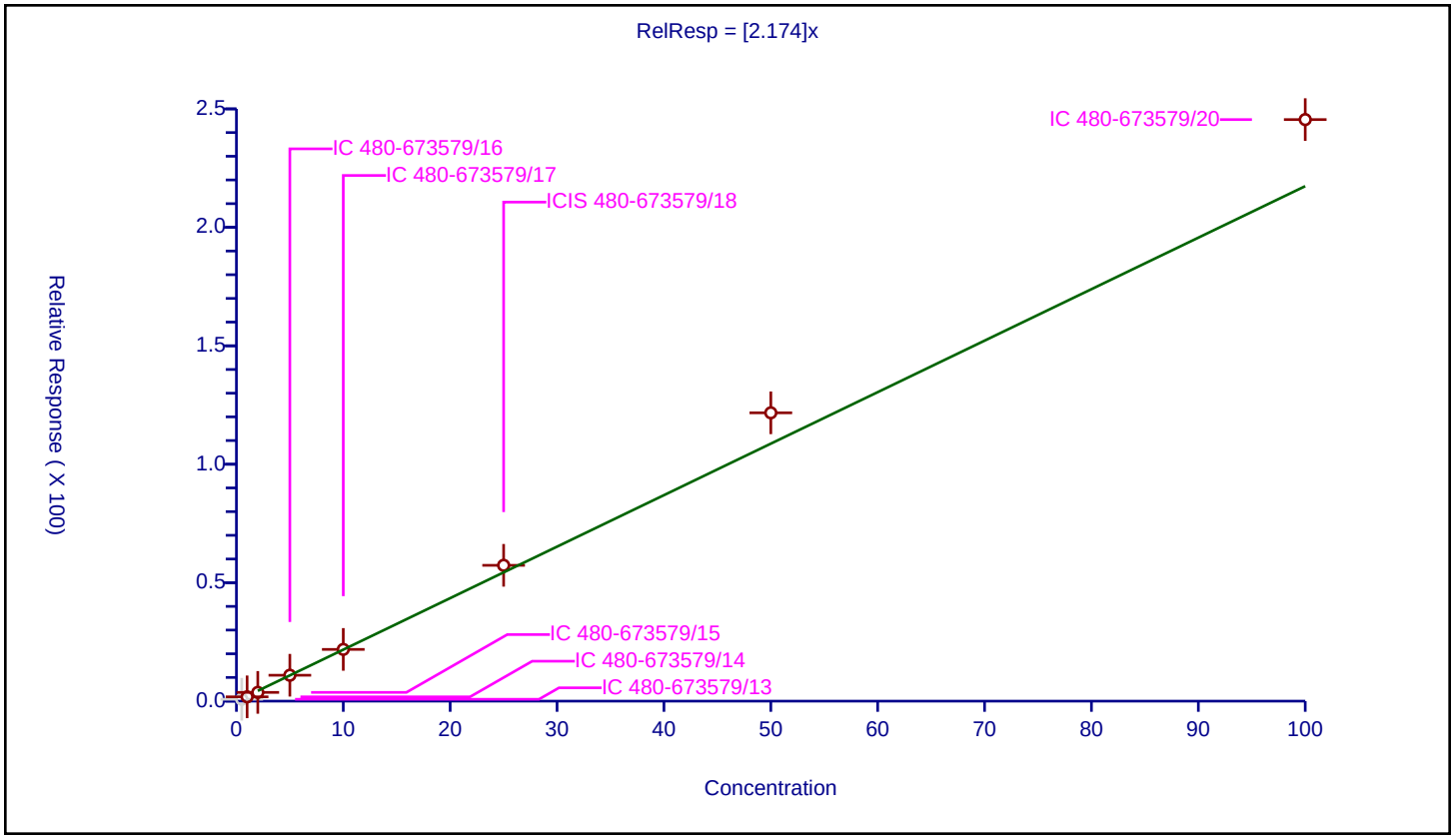
Curve Coefficients

Intercept:	0
Slope:	2.174

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.788437	25.0	374475.0	1.576874	N
2	IC 480-673579/14	1.0	1.817027	25.0	401480.0	1.817027	Y
3	IC 480-673579/15	2.0	3.691466	25.0	375596.0	1.845733	Y
4	IC 480-673579/16	5.0	10.936844	25.0	369357.0	2.187369	Y
5	IC 480-673579/17	10.0	21.83996	25.0	390620.0	2.183996	Y
6	ICIS 480-673579/18	25.0	57.331519	25.0	380726.0	2.293261	Y
7	IC 480-673579/19	50.0	121.713201	25.0	396229.0	2.434264	Y
8	IC 480-673579/20	100.0	245.485008	25.0	413921.0	2.45485	Y



Calibration / 1,2-Dichlorobenzene

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

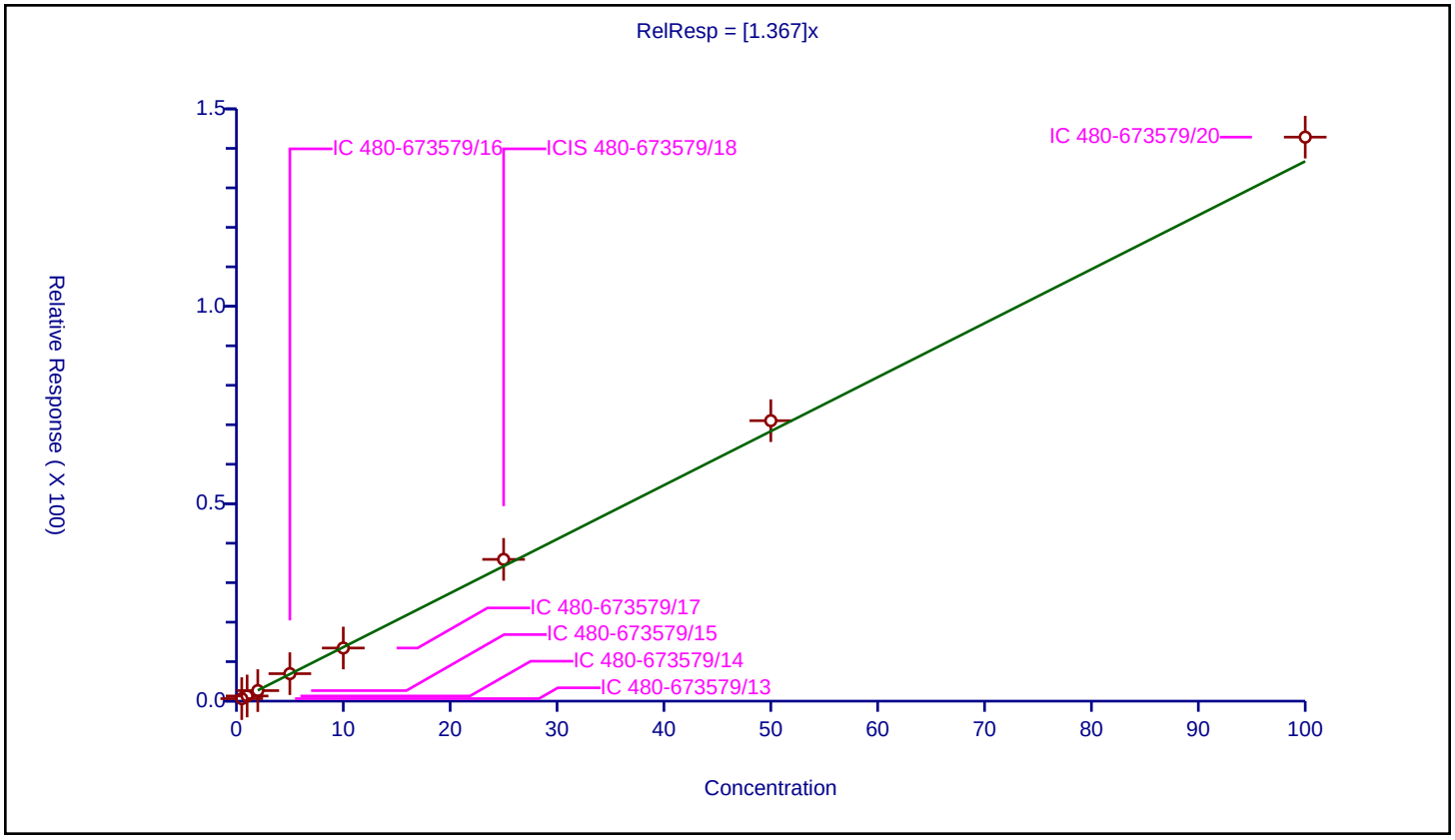
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.636358	25.0	374475.0	1.272715	Y
2	IC 480-673579/14	1.0	1.30735	25.0	401480.0	1.30735	Y
3	IC 480-673579/15	2.0	2.670289	25.0	375596.0	1.335145	Y
4	IC 480-673579/16	5.0	6.958715	25.0	369357.0	1.391743	Y
5	IC 480-673579/17	10.0	13.456236	25.0	390620.0	1.345624	Y
6	ICIS 480-673579/18	25.0	35.90443	25.0	380726.0	1.436177	Y
7	IC 480-673579/19	50.0	71.037645	25.0	396229.0	1.420753	Y
8	IC 480-673579/20	100.0	142.849964	25.0	413921.0	1.4285	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

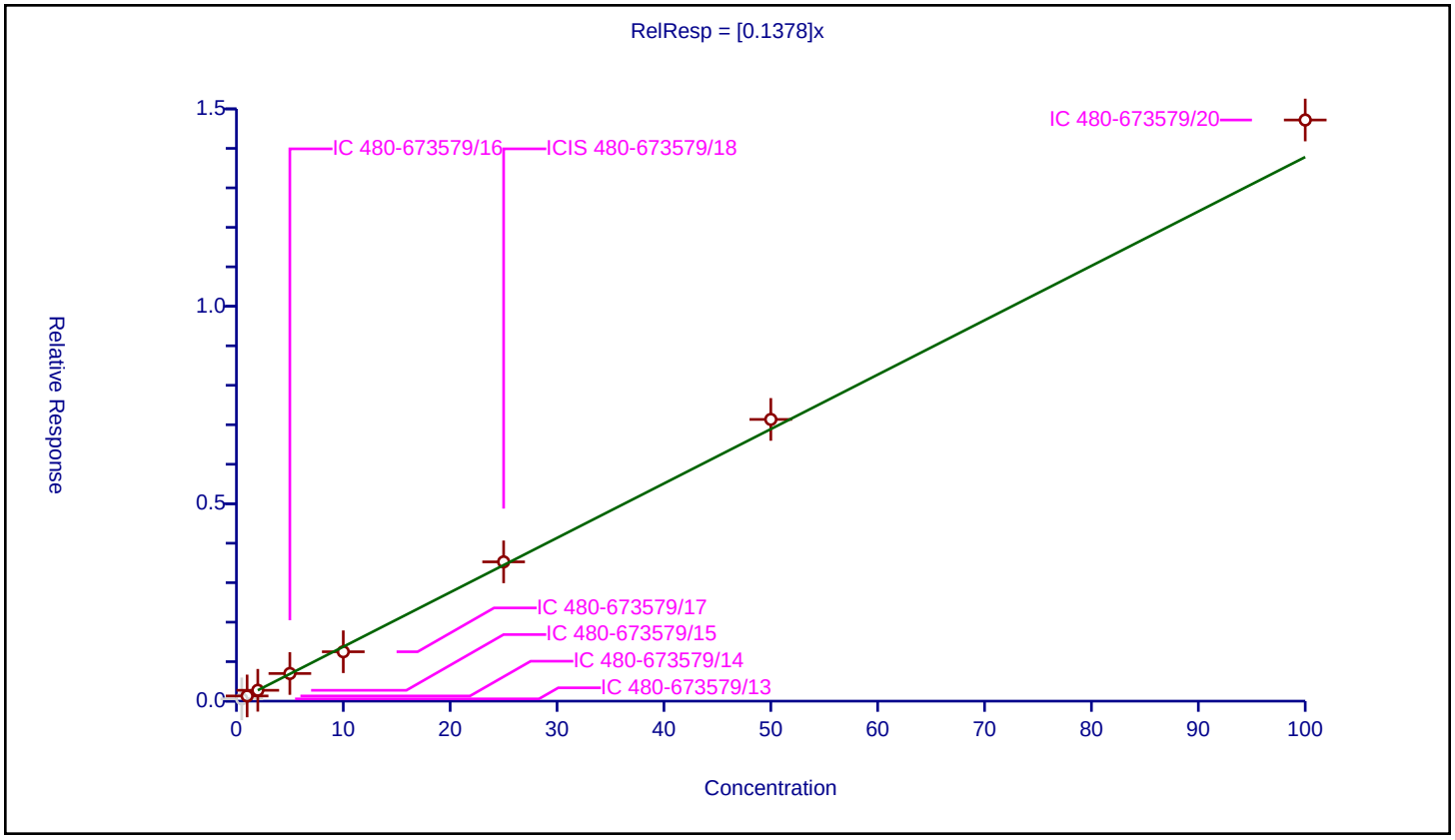
Curve Coefficients

Intercept:	0
Slope:	0.1378

Error Coefficients

Standard Error:	112000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.057681	25.0	374475.0	0.115362	N
2	IC 480-673579/14	1.0	0.131078	25.0	401480.0	0.131078	Y
3	IC 480-673579/15	2.0	0.274963	25.0	375596.0	0.137481	Y
4	IC 480-673579/16	5.0	0.7	25.0	369357.0	0.14	Y
5	IC 480-673579/17	10.0	1.250832	25.0	390620.0	0.125083	Y
6	ICIS 480-673579/18	25.0	3.5278	25.0	380726.0	0.141112	Y
7	IC 480-673579/19	50.0	7.135142	25.0	396229.0	0.142703	Y
8	IC 480-673579/20	100.0	14.71869	25.0	413921.0	0.147187	Y



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Calibration / 1,2,4-Trichlorobenzene

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

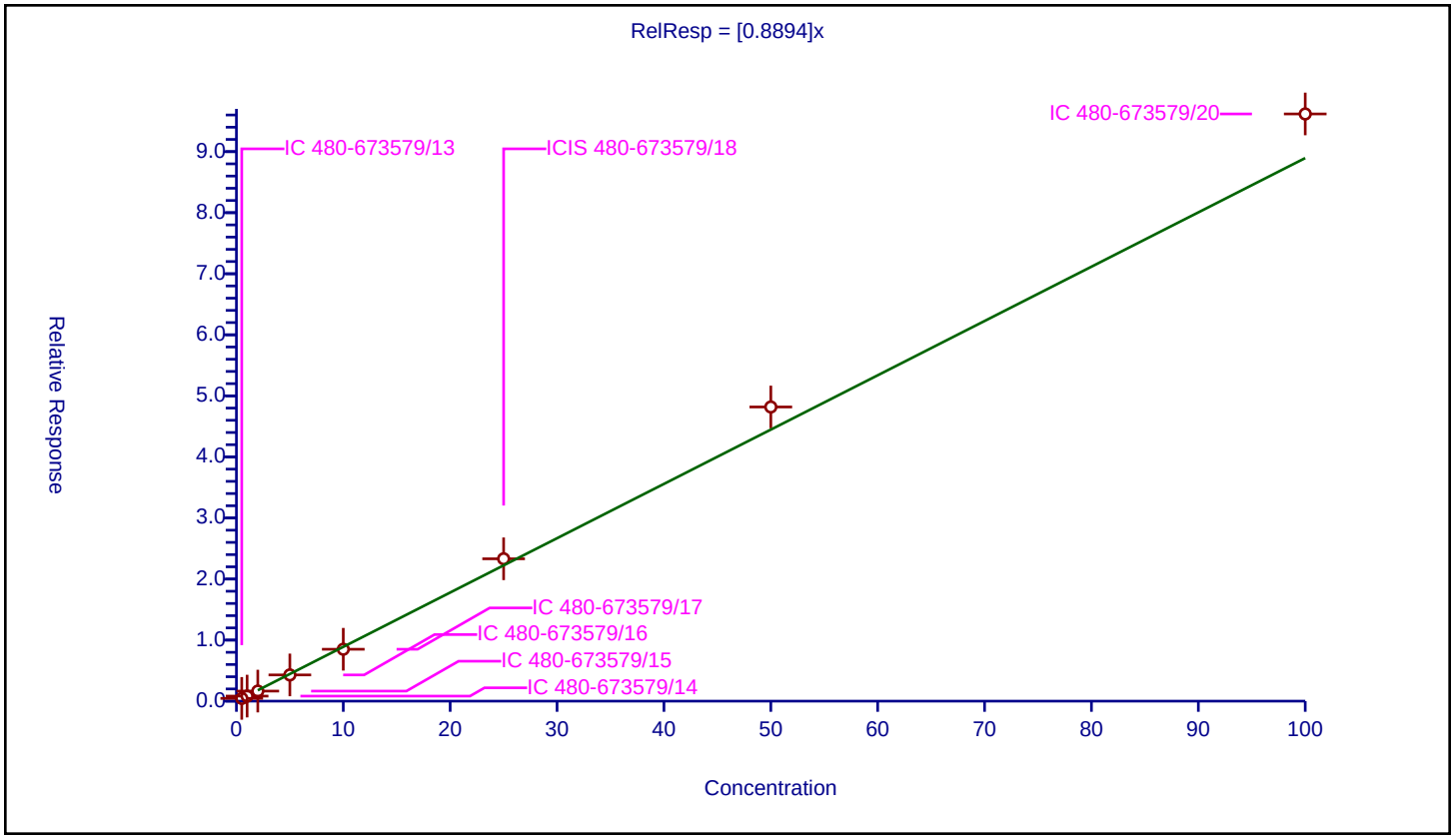
Curve Coefficients

Intercept:	0
Slope:	0.8894

Error Coefficients

Standard Error:	683000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.450497	25.0	374475.0	0.900995	Y
2	IC 480-673579/14	1.0	0.824636	25.0	401480.0	0.824636	Y
3	IC 480-673579/15	2.0	1.645451	25.0	375596.0	0.822726	Y
4	IC 480-673579/16	5.0	4.296318	25.0	369357.0	0.859264	Y
5	IC 480-673579/17	10.0	8.501677	25.0	390620.0	0.850168	Y
6	ICIS 480-673579/18	25.0	23.314011	25.0	380726.0	0.93256	Y
7	IC 480-673579/19	50.0	48.177254	25.0	396229.0	0.963545	Y
8	IC 480-673579/20	100.0	96.169982	25.0	413921.0	0.9617	Y



Calibration / Hexachlorobutadiene

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

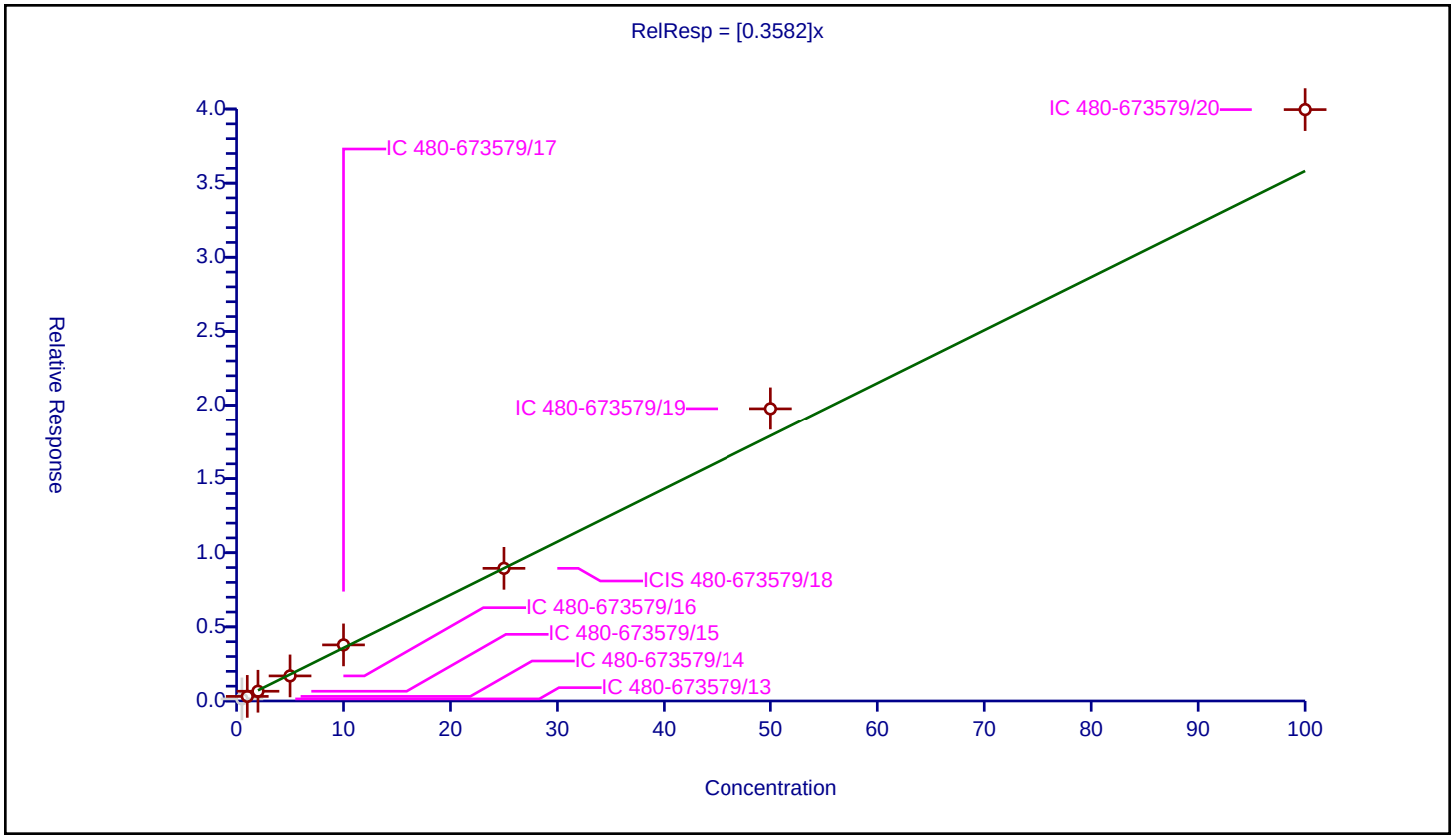
Curve Coefficients

Intercept:	0
Slope:	0.3582

Error Coefficients

Standard Error:	305000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.141598	25.0	374475.0	0.283196	N
2	IC 480-673579/14	1.0	0.309542	25.0	401480.0	0.309542	Y
3	IC 480-673579/15	2.0	0.65669	25.0	375596.0	0.328345	Y
4	IC 480-673579/16	5.0	1.691318	25.0	369357.0	0.338264	Y
5	IC 480-673579/17	10.0	3.783728	25.0	390620.0	0.378373	Y
6	ICIS 480-673579/18	25.0	8.947905	25.0	380726.0	0.357916	Y
7	IC 480-673579/19	50.0	19.77007	25.0	396229.0	0.395401	Y
8	IC 480-673579/20	100.0	39.960886	25.0	413921.0	0.399609	Y



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Calibration / Naphthalene

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

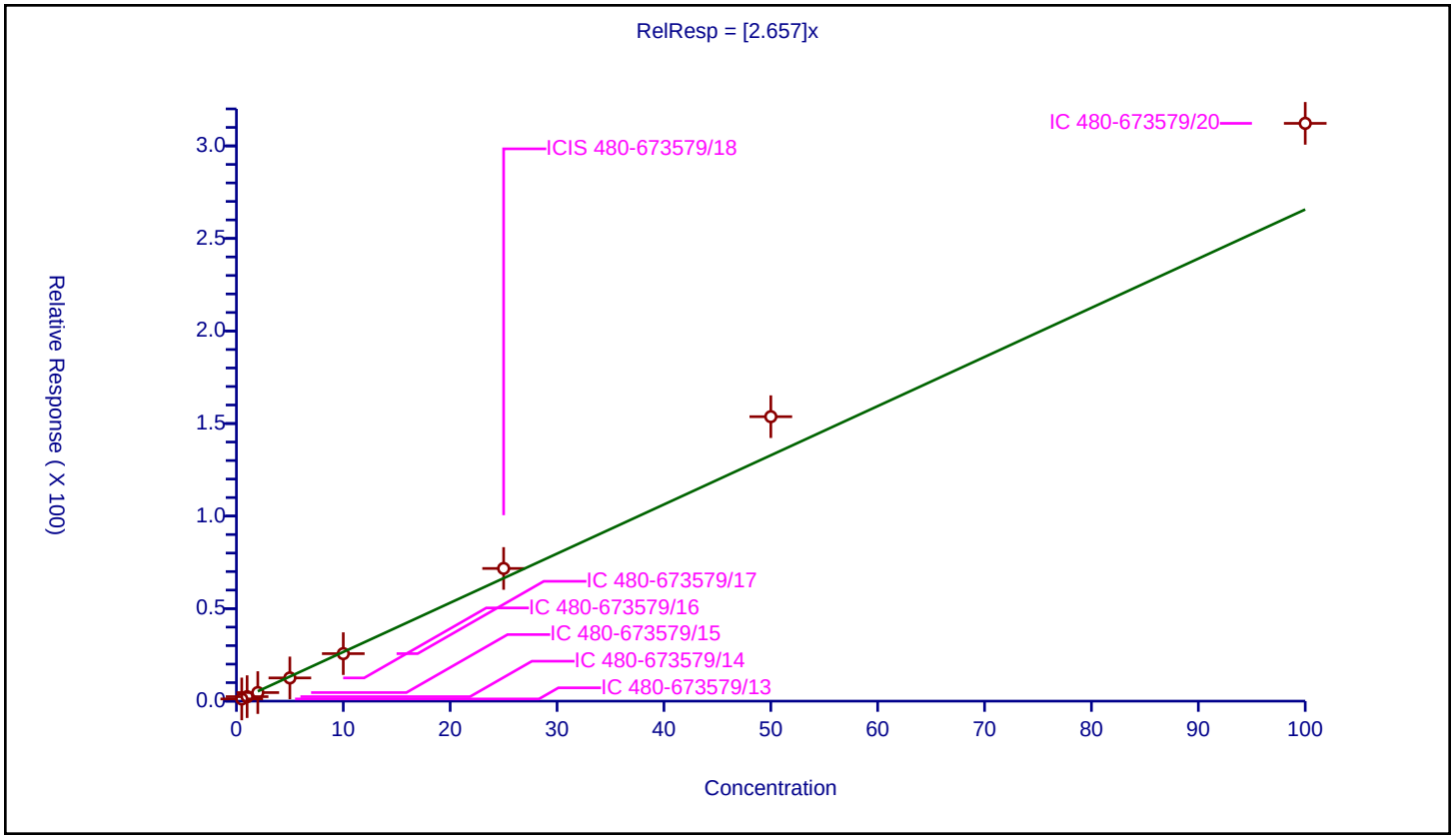
Curve Coefficients

Intercept:	0
Slope:	2.657

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	12.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	1.191201	25.0	374475.0	2.382402	Y
2	IC 480-673579/14	1.0	2.417555	25.0	401480.0	2.417555	Y
3	IC 480-673579/15	2.0	4.632837	25.0	375596.0	2.316418	Y
4	IC 480-673579/16	5.0	12.536787	25.0	369357.0	2.507357	Y
5	IC 480-673579/17	10.0	25.661832	25.0	390620.0	2.566183	Y
6	ICIS 480-673579/18	25.0	71.687907	25.0	380726.0	2.867516	Y
7	IC 480-673579/19	50.0	153.703603	25.0	396229.0	3.074072	Y
8	IC 480-673579/20	100.0	312.179438	25.0	413921.0	3.121794	Y



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Calibration / 1,2,3-Trichlorobenzene

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

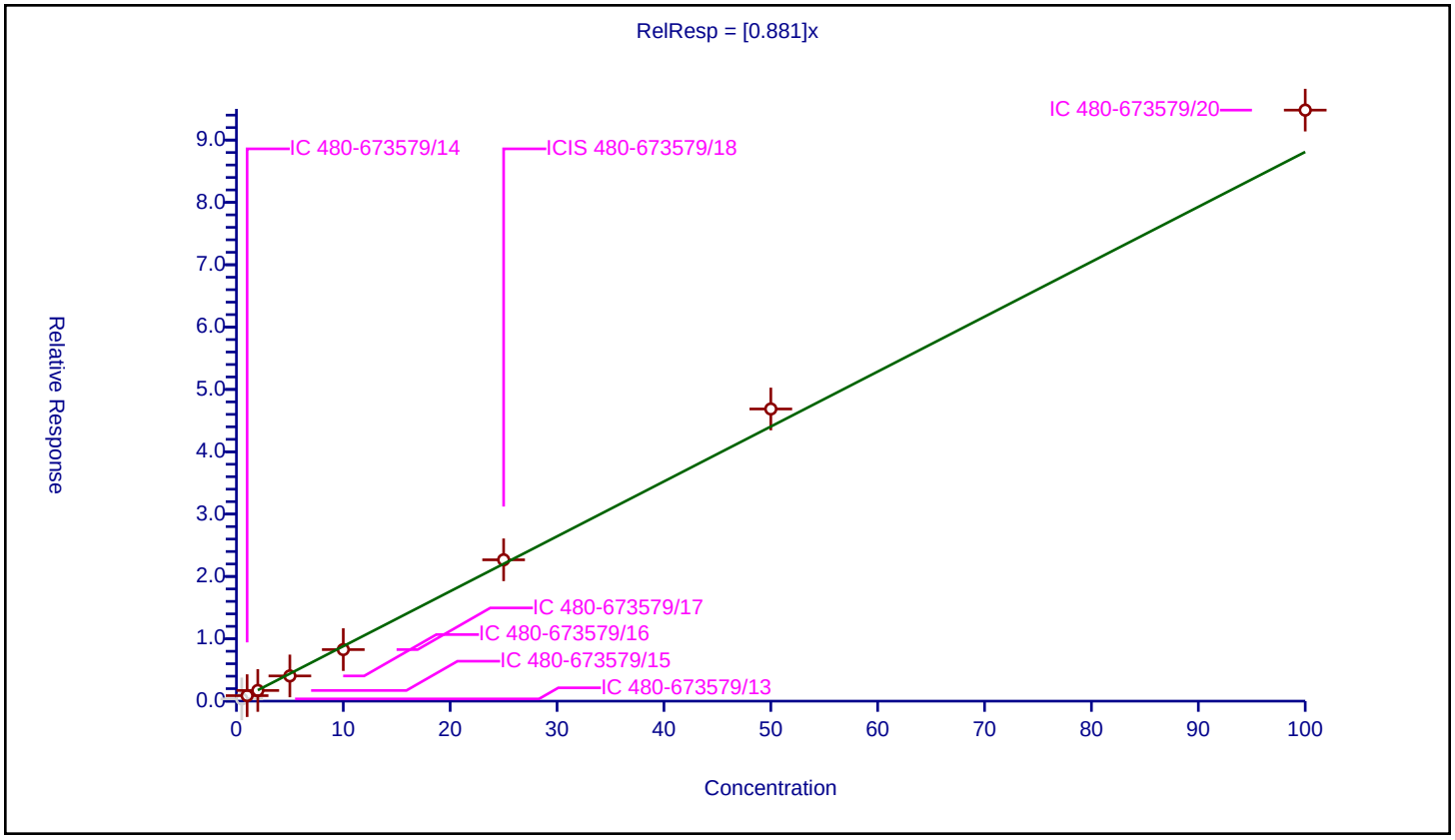
Curve Coefficients

Intercept:	0
Slope:	0.881

Error Coefficients

Standard Error:	725000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-673579/13	0.5	0.361773	25.0	374475.0	0.723546	N
2	IC 480-673579/14	1.0	0.883668	25.0	401480.0	0.883668	Y
3	IC 480-673579/15	2.0	1.711081	25.0	375596.0	0.85554	Y
4	IC 480-673579/16	5.0	4.042363	25.0	369357.0	0.808473	Y
5	IC 480-673579/17	10.0	8.269418	25.0	390620.0	0.826942	Y
6	ICIS 480-673579/18	25.0	22.67116	25.0	380726.0	0.906846	Y
7	IC 480-673579/19	50.0	46.865638	25.0	396229.0	0.937313	Y
8	IC 480-673579/20	100.0	94.80245	25.0	413921.0	0.948025	Y



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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-665587/13	L4074.D
Level 2	IC 480-665587/14	L4075.D
Level 3	IC 480-665587/15	L4076.D
Level 4	IC 480-665587/16	L4077.D
Level 5	IC 480-665587/17	L4078.D
Level 6	ICIS 480-665587/18	L4079.D
Level 7	IC 480-665587/19	L4080.D
Level 8	IC 480-665587/20	L4081.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 1.3026	1.5132 1.6809	1.4675 1.6510	1.4526	1.3601	Ave		1.4897			0.1000	9.4		20.0			
Chloromethane	2.3106 2.0743	2.4706 2.2052	2.3691 2.3225	1.9935	1.9894	Ave		2.2169			0.1000	8.2		20.0			
Vinyl chloride	1.8125 1.7328	1.9077 1.9435	1.8543 2.0213	1.6730	1.6297	Ave		1.8218			0.1000	7.5		20.0			
Butadiene	+++++ 1.7514	2.3987 1.9700	2.1493 2.0617	1.7447	1.6116	Ave		1.9553				14.0		20.0			
Bromomethane	1.2659 1.0591	1.2342 1.1340	1.1995 1.1470	1.0828	0.9882	Ave		1.1388			0.1000	8.2		20.0			
Chloroethane	1.1375 1.1017	1.3096 1.1495	1.2219 1.1967	1.0525	1.0308	Ave		1.1500			0.1000	8.0		20.0			
Dichlorofluoromethane	2.4317 2.2381	2.5053 2.4290	2.3950 2.4794	2.1630	2.0821	Ave		2.3405				6.7		20.0			
Trichlorofluoromethane	2.0346 1.7720	1.9321 2.1830	2.1122 2.2056	1.8640	1.7113	Ave		1.9768			0.1000	9.4		20.0			
Ethyl ether	1.5202 1.5378	1.6473 1.5687	1.6509 1.6179	1.3986	1.4799	Ave		1.5527				5.6		20.0			
Acrolein	0.1106 0.1569	0.1114 0.1572	0.1448 0.1654	0.1407	0.1414	Ave		0.1411				14.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0532 1.1291	1.3371 1.2855	1.1470 1.2367	1.0967	1.0624	Ave		1.1685			0.1000	9.1		20.0			
1,1-Dichloroethene	1.1123 1.2408	1.3388 1.3055	1.4032 1.3376	1.1509	1.1188	Ave		1.2510			0.1000	9.0		20.0			
Acetone	0.6741 0.7413	0.6532 0.7104	0.6511 0.7392	0.6653	0.7049	Ave		0.6924			0.1000	5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	2.2879 2.3993	2.5664 2.4470	2.7769 2.5443	2.1877	2.2317	Ave		2.4302				8.1		20.0			
Carbon disulfide	3.6326 3.7034	4.2755 3.6730	4.3008 3.8607	3.3265	3.1375	Ave		3.7388			0.1000	10.9		20.0			
Allyl chloride	2.5751 2.5651	2.8259 2.6983	2.8761 2.7256	2.4146	2.4286	Ave		2.6387				6.5		20.0			
Methyl acetate	+++++ 2.2016	2.2940 2.3609	2.0632 2.4004	2.0861	2.0998	Ave		2.2152			0.1000	6.3		20.0			
Methylene Chloride	1.4598 1.5067	1.6878 1.5035	1.5403 1.5017	1.4211	1.4136	Lin1	0.0136	1.4969			0.1000	6.2			1.0000		0.9900
2-Methyl-2-propanol	0.1723 0.1464	0.1598 0.1625	0.1442 0.1585	0.1455	0.1497	Ave		0.1549				6.5		20.0			
Methyl tert-butyl ether	4.7714 4.5716	4.5947 4.5304	4.7605 4.6529	4.3248	4.3159	Ave		4.5653			0.1000	3.8		20.0			
trans-1,2-Dichloroethene	1.3819 1.4972	1.6449 1.5238	1.6654 1.5488	1.4130	1.3846	Ave		1.5075			0.1000	7.3		20.0			
Acrylonitrile	1.0436 1.0853	1.1372 1.0802	1.1075 1.1365	1.0152	1.0948	Ave		1.0875				3.9		20.0			
Hexane	2.0457 1.8856	1.9607 2.2219	1.9071 2.0119	1.8697	1.9380	Ave		1.9801				5.8		20.0			
1,1-Dichloroethane	2.6012 2.5773	2.8387 2.6332	3.0014 2.6523	2.5271	2.5089	Ave		2.6675			0.2000	6.3		20.0			
Vinyl acetate	3.7856 3.8994	3.9038 4.0679	3.9908 4.0211	3.7088	3.8504	Ave		3.9035				3.1		20.0			
2,2-Dichloropropane	1.2137 1.3761	1.5753 1.3596	1.5801 1.3227	1.3275	1.2589	Ave		1.3767				9.8		20.0			
cis-1,2-Dichloroethene	1.5659 1.6284	1.8415 1.6493	1.8117 1.6453	1.4797	1.5729	Ave		1.6493			0.1000	7.4		20.0			
2-Butanone (MEK)	1.3889 1.4064	1.3462 1.4253	1.2975 1.4532	1.3491	1.4394	Ave		1.3883			0.1000	3.9		20.0			
Chlorobromomethane	0.8016 0.8753	0.8341 0.8757	0.9087 0.8953	0.8209	0.8612	Ave		0.8591				4.3		20.0			
Tetrahydrofuran	0.9719 0.9404	0.9865 0.9501	0.9144 0.9606	0.8408	0.9525	Ave		0.9396				4.8		20.0			
Chloroform	+++++ 2.4587	2.7431 2.4801	2.9002 2.4595	2.4703	2.3527	Ave		2.5521			0.2000	7.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 2.0108	2.2157 2.1230	2.3370 2.1605	2.0009	1.8838	Ave		2.1045			0.1000	7.2		20.0			
Cyclohexane	2.6213 2.3837	2.7534 2.6910	2.6350 2.5679	2.2934	2.2174	Ave		2.5204			0.1000	7.8		20.0			
Carbon tetrachloride	1.8005 1.8032	2.0581 1.9424	2.0077 1.9486	1.6987	1.6093	Ave		1.8586			0.1000	8.4		20.0			
1,1-Dichloropropene	1.7966 1.8390	2.0477 1.9354	2.1969 1.9064	1.8343	1.6804	Ave		1.9046				8.4		20.0			
Isobutyl alcohol	+++++ 0.1497	0.1507 0.1531	0.1293 0.1583	0.1377	0.1502	Ave		0.1470				6.8		20.0			
Benzene	5.9916 5.4949	6.5483 5.6617	6.4514 5.6331	5.4077	5.3311	Ave		5.8150			0.5000	8.0		20.0			
1,2-Dichloroethane	2.3774 2.1037	2.5270 2.0978	2.4142 2.0993	2.1101	2.0880	Ave		2.2272			0.1000	8.1		20.0			
n-Heptane	+++++ 2.1711	2.5443 2.5282	2.4163 2.2755	2.0999	2.2512	Ave		2.3266				7.4		20.0			
Trichloroethene	1.4457 1.4743	1.6530 1.5367	1.6891 1.5300	1.4032	1.3970	Ave		1.5161			0.2000	7.2		20.0			
Methylcyclohexane	2.1471 2.0292	2.0306 2.3269	2.1992 2.1934	1.9497	1.9684	Ave		2.1056			0.1000	6.3		20.0			
1,2-Dichloropropane	1.3785 1.5182	1.6529 1.5661	1.8035 1.5643	1.4982	1.4698	Ave		1.5564			0.1000	8.2		20.0			
1,4-Dioxane	+++++ 0.0045	0.0036 0.0045	0.0030 0.0049	0.0046	0.0047	Ave		0.0042				16.3		20.0			
Dibromomethane	+++++ 1.0101	1.1295 1.0308	1.0668 1.0457	0.9584	1.0122	Ave		1.0362			0.1000	5.1		20.0			
Bromodichloromethane	1.8617 1.8628	1.9470 1.9544	2.0826 1.9948	1.7792	1.8310	Ave		1.9142			0.2000	5.2		20.0			
2-Chloroethyl vinyl ether	+++++ 1.2469	1.1866 1.3323	1.1498 1.3275	1.1826	1.2658	Ave		1.2416				5.8		20.0			
cis-1,3-Dichloropropene	2.2772 2.3805	2.4186 2.4721	2.4147 2.4950	2.2371	2.3085	Ave		2.3755			0.2000	3.9		20.0			
4-Methyl-2-pentanone (MIBK)	0.6885 0.6412	0.7516 0.6580	0.7026 0.6419	0.6420	0.6839	Ave		0.6762			0.1000	5.7		20.0			
Toluene	0.9270 0.8234	0.9637 0.8831	1.0073 0.8475	0.8347	0.8493	Ave		0.8920			0.4000	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.5051 0.5225	0.5399 0.5374	0.5377 0.5211	0.4986	0.5130	Ave		0.5219			0.1000	3.0		20.0			
Ethyl methacrylate	0.5194 0.5031	0.5748 0.5276	0.5481 0.4992	0.4929	0.5259	Ave		0.5239				5.2		20.0			
1,1,2-Trichloroethane	0.2904 0.2761	0.3183 0.2759	0.3275 0.2667	0.2861	0.2897	Ave		0.2913			0.1000	7.3		20.0			
Tetrachloroethene	0.3329 0.3570	0.4282 0.3756	0.4288 0.3610	0.3497	0.3441	Ave		0.3722			0.2000	9.9		20.0			
1,3-Dichloropropane	0.5969 0.5568	0.6835 0.5701	0.6492 0.5441	0.5764	0.5866	Ave		0.5955				8.0		20.0			
2-Hexanone	0.5243 0.4467	0.5272 0.4709	0.4706 0.4527	0.4623	0.4889	Ave		0.4804			0.1000	6.4		20.0			
Dibromochloromethane	0.3782 0.3804	0.3738 0.4017	0.4160 0.3961	0.3580	0.3804	Ave		0.3856			0.1000	4.7		20.0			
1,2-Dibromoethane	+++++ 0.3704	0.4062 0.3849	0.3987 0.3746	0.3684	0.3771	Ave		0.3829				3.8		20.0			
Chlorobenzene	1.0642 0.9580	1.1435 1.0053	1.1407 0.9747	0.9699	0.9682	Ave		1.0280			0.5000	7.6		20.0			
Ethylbenzene	1.5864 1.5282	1.8054 1.6254	1.8041 1.5533	1.5188	1.5024	Ave		1.6155			0.1000	7.6		20.0			
1,1,1,2-Tetrachloroethane	0.3522 0.3446	0.3933 0.3641	0.4135 0.3575	0.3438	0.3446	Ave		0.3642				7.1		20.0			
m-Xylene & p-Xylene	0.6533 0.6170	0.7164 0.6545	0.7133 0.6333	0.6056	0.6077	Ave		0.6501			0.1000	6.8		20.0			
o-Xylene	0.6448 0.6148	0.6990 0.6462	0.7403 0.6235	0.6044	0.6063	Ave		0.6474			0.3000	7.5		20.0			
Styrene	0.9889 1.0288	1.1105 1.0916	1.1286 1.0509	0.9976	1.0339	Ave		1.0539			0.3000	4.9		20.0			
Bromoform	+++++ 0.2641	0.2752 0.2906	0.2670 0.2870	0.2432	0.2593	Ave		0.2695			0.1000	6.1		20.0			
Isopropylbenzene	3.0264 3.1136	3.6599 3.3711	3.4696 3.0801	2.9677	2.9715	Ave		3.2075			0.1000	8.1		20.0			
Bromobenzene	0.8331 0.8093	0.9837 0.8590	0.8776 0.7922	0.7824	0.7908	Ave		0.8410				8.0		20.0			
1,1,2,2-Tetrachloroethane	1.1454 1.0249	1.2464 1.0793	1.1191 1.0003	1.0217	1.0645	Ave		1.0877			0.3000	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	3.6501 3.5736	4.3302 3.9399	4.1605 3.5370	3.5439	3.5180	Ave		3.7817				8.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3564	0.3459 0.4004	0.3607 0.3713	0.3344	0.3667	Ave		0.3622				5.8		20.0			
1,2,3-Trichloropropane	+++++ 0.3423	0.4184 0.3622	0.3607 0.3361	0.3350	0.3671	Ave		0.3603				8.0		20.0			
2-Chlorotoluene	0.7826 0.7529	0.8796 0.8183	0.8479 0.7556	0.7037	0.7296	Ave		0.7838				7.7		20.0			
1,3,5-Trimethylbenzene	2.3940 2.5772	3.0772 2.8209	2.7720 2.5577	2.5091	2.4802	Ave		2.6485				8.5		20.0			
4-Chlorotoluene	2.1956 2.1168	2.6388 2.2934	2.4973 2.1043	2.0894	2.0787	Ave		2.2518				9.4		20.0			
tert-Butylbenzene	+++++ 0.6042	0.7060 0.6558	0.6614 0.6031	0.5968	0.5878	Ave		0.6307				7.0		20.0			
1,2,4-Trimethylbenzene	2.6809 2.6554	3.0344 2.8769	2.8980 2.6304	2.5425	2.6116	Ave		2.7413				6.3		20.0			
sec-Butylbenzene	+++++ 3.3294	3.9958 3.6230	3.7704 3.2902	3.2161	3.1471	Ave		3.4817				9.2		20.0			
4-Isopropyltoluene	2.6626 2.8934	3.2998 3.1764	3.2132 2.8955	2.7829	2.7523	Ave		2.9595				8.1		20.0			
1,3-Dichlorobenzene	1.5721 1.4937	1.7694 1.6077	1.7835 1.4558	1.4926	1.4839	Ave		1.5823			0.6000	8.2		20.0			
1,4-Dichlorobenzene	1.8685 1.5069	1.9448 1.6396	1.7723 1.4950	1.5182	1.5146	Ave		1.6575			0.5000	10.9		20.0			
n-Butylbenzene	2.4878 2.4708	3.0828 2.7284	2.7819 2.4677	2.3930	2.3856	Ave		2.5998				9.4		20.0			
1,2-Dichlorobenzene	1.6393 1.4669	1.8066 1.5730	1.6081 1.4378	1.4409	1.4780	Ave		1.5563			0.4000	8.2		20.0			
1,2-Dibromo-3-Chloropropane	0.2147 0.2125	0.2536 0.2391	0.2180 0.2323	0.2185	0.2299	Ave		0.2273			0.0500	6.2		20.0			
1,2,4-Trichlorobenzene	0.9909 0.9868	1.2011 1.1055	1.0909 0.9987	0.9489	0.9664	Ave		1.0361			0.2000	8.4		20.0			
Hexachlorobutadiene	+++++ 0.3925	0.4174 0.4451	0.4452 0.3873	0.3488	0.3694	Ave		0.4008				9.2		20.0			
Naphthalene	3.6716 3.5733	4.0238 3.8560	3.4904 3.6744	3.2066	3.4946	Ave		3.6238				6.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.9728 0.9653	1.1071 1.0553	1.0348 0.9803	0.8939	0.9537	Ave		0.9954				6.7		20.0			
Dibromofluoromethane (Surr)	1.6022 1.5987	1.5699 1.6132	1.5218 1.5782	1.5201	1.5644	Ave		1.5711				2.2		20.0			
1,2-Dichloroethane-d4 (Surr)	1.7869 1.8032	1.8038 1.7564	1.7536 1.7277	1.7380	1.7882	Ave		1.7697				1.7		20.0			
Toluene-d8 (Surr)	1.3868 1.3829	1.4622 1.4014	1.3561 1.3082	1.3641	1.4087	Ave		1.3838				3.2		20.0			
4-Bromofluorobenzene (Surr)	0.3967 0.4004	0.4097 0.4099	0.3847 0.3789	0.3781	0.4171	Ave		0.3969				3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-665587/13	L4074.D
Level 2	IC 480-665587/14	L4075.D
Level 3	IC 480-665587/15	L4076.D
Level 4	IC 480-665587/16	L4077.D
Level 5	IC 480-665587/17	L4078.D
Level 6	ICIS 480-665587/18	L4079.D
Level 7	IC 480-665587/19	L4080.D
Level 8	IC 480-665587/20	L4081.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
Dichlorodifluoromethane	FB	Ave	+++++	8746	17328	42821	78483	+++++	1.00	2.00	5.00	10.0
			174745	439541	808354			25.0	50.0	100		
Chloromethane	FB	Ave	5399	14279	27974	58766	114793	0.400	1.00	2.00	5.00	10.0
			278263	576618	1137175			25.0	50.0	100		
Vinyl chloride	FB	Ave	4235	11026	21895	49316	94041	0.400	1.00	2.00	5.00	10.0
			232457	508204	989664			25.0	50.0	100		
Butadiene	FB	Ave	+++++	13864	25379	51431	92992	+++++	1.00	2.00	5.00	10.0
			234948	515116	1009471			25.0	50.0	100		
Bromomethane	FB	Ave	2958	7133	14163	31919	57020	0.400	1.00	2.00	5.00	10.0
			142075	296524	561585			25.0	50.0	100		
Chloroethane	FB	Ave	2658	7569	14428	31025	59483	0.400	1.00	2.00	5.00	10.0
			147794	300572	585944			25.0	50.0	100		
Dichlorofluoromethane	FB	Ave	5682	14480	28280	63760	120146	0.400	1.00	2.00	5.00	10.0
			300244	635151	1213952			25.0	50.0	100		
Trichlorofluoromethane	FB	Ave	4754	11167	24940	54948	98746	0.400	1.00	2.00	5.00	10.0
			237711	570812	1079912			25.0	50.0	100		
Ethyl ether	FB	Ave	3552	9521	19494	41228	85395	0.400	1.00	2.00	5.00	10.0
			206303	410195	792185			25.0	50.0	100		
Acrolein	FB	Ave	1292	3220	8546	20741	40794	2.00	5.00	10.0	25.0	50.0
			105267	205592	404802			125	250	500		
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2461	7728	13544	32330	61303	0.400	1.00	2.00	5.00	10.0
			151473	336152	605538			25.0	50.0	100		
1,1-Dichloroethene	FB	Ave	2599	7738	16569	33927	64559	0.400	1.00	2.00	5.00	10.0
			166456	341382	654902			25.0	50.0	100		
Acetone	FB	Ave	7875	18875	38439	98065	203383	2.00	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			497235	928782	1809727			125	250	500		
Iodomethane	FB	Ave	5346 321873	14833 639856	32789 1245764	64490	128776	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	8488 496819	24711 960451	50783 1890274	98059	181045	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Allyl chloride	FB	Ave	6017 344107	16333 705558	33960 1334543	71179	140140	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	+++++ 590695	26517 1234710	48724 2350627	122989	242325	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	3411 202125	9755 393139	18187 735285	41892	81572	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	4025 196394	9234 425019	17025 776093	42892	86359	4.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	11149 613280	26556 1184644	56211 2278154	127487	249040	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	3229 200848	9507 398450	19665 758344	41654	79897	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	24385 1455972	65725 2824465	130772 5564805	299256	631740	4.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	4780 252952	11332 580985	22519 985099	55115	111831	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	6078 345752	16407 688553	35440 1298630	74495	144769	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	17691 1046227	45126 2127384	94244 3937637	218660	444363	0.800 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	2836 184601	9105 355506	18657 647610	39133	72641	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	3659 218451	10643 431273	21392 805585	43620	90762	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	16226 943382	38903 1863536	76601 3557616	198847	415283	2.00 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	1873 117419	4821 228982	10730 438356	24198	49692	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	4542 252315	11403 496880	21593 940681	49570	109926	0.800 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	+++++	15854	34245	72821	135756	+++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			329835	648516	1204229			25.0	50.0	100		
1,1,1-Trichloroethane	FB	Ave	+++++ 269747	12806 555128	27595 1057841	58982	108703	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	6125 319770	15914 703657	31113 1257315	67604	127952	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	4207 241903	11895 507918	23707 954080	50076	92864	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	4198 246704	11835 506090	25940 933410	54073	96967	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	+++++ 502215	21769 1001063	38175 1937262	101502	216643	+++++ 625	25.0 1250	50.0 2500	125	250
Benzene	FB	Ave	14000 737147	37847 1480459	76177 2758086	159408	307619	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	5555 282215	14605 548556	28506 1027884	62201	120484	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	+++++ 291249	14705 661078	28531 1114139	61901	129899	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	3378 197778	9554 401826	19944 749142	41363	80612	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	5017 272217	11736 608453	25968 1073918	57473	113583	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3221 203664	9553 409509	21295 765916	44163	84811	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZ d5	Ave	+++++ 51178	1634 99055	2863 212551	11133	22206	+++++ 500	20.0 1000	40.0 2000	100	200
Dibromomethane	FB	Ave	+++++ 135507	6528 269529	12596 511980	28251	58408	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromodichloromethane	FB	Ave	4350 249902	11253 511038	24591 976705	52448	105657	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 167273	6858 348383	13576 649974	34862	73042	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	5321 319353	13979 646411	28512 1221611	65946	133209	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	33192	85749	167783	392326	809184	2.00	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			1831673	3653581	6896198			125	250	500		
Toluene	CBNZ d5	Ave	8938 470423	21989 980727	48111 1820868	102013	200989	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	4870 298510	12318 596837	25680 1119509	60939	121402	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZ d5	Ave	5008 287461	13116 585917	26179 1072633	60236	124447	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZ d5	Ave	2800 157741	7263 306404	15644 572978	34972	68561	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZ d5	Ave	3210 203994	9769 417135	20481 775683	42745	81432	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichloropropane	CBNZ d5	Ave	5755 318136	15596 633201	31006 1169099	70447	138816	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZ d5	Ave	25275 1275964	60150 2614632	112386 4863102	282534	578529	2.00 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZ d5	Ave	3647 217362	8529 446174	19871 851017	43751	90015	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 211636	9268 427436	19044 804789	45031	89232	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chlorobenzene	CBNZ d5	Ave	10261 547309	26090 1116494	54482 2094175	118537	229122	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZ d5	Ave	15296 873110	41192 1805104	86169 3337240	185627	355555	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3396	8974	19749	42015	81555	0.400	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			196901	404399	768027			25.0	50.0	100		
m-Xylene & p-Xylene	CBNZ d5	Ave	6299	16346	34071	74012	143821	0.400	1.00	2.00	5.00	10.0
			352518	726867	1360725			25.0	50.0	100		
o-Xylene	CBNZ d5	Ave	6217	15948	35357	73870	143494	0.400	1.00	2.00	5.00	10.0
			351281	717714	1339526			25.0	50.0	100		
Styrene	CBNZ d5	Ave	9535	25338	53906	121924	244682	0.400	1.00	2.00	5.00	10.0
			587781	1212300	2257935			25.0	50.0	100		
Bromoform	CBNZ d5	Ave	+++++	6279	12753	29723	61370	+++++	1.00	2.00	5.00	10.0
			150876	322721	616544			25.0	50.0	100		
Isopropylbenzene	DCBd 4	Ave	15222	41355	87505	187698	360291	0.400	1.00	2.00	5.00	10.0
			885953	1816781	3363255			25.0	50.0	100		
Bromobenzene	DCBd 4	Ave	4190	11115	22134	49486	95879	0.400	1.00	2.00	5.00	10.0
			230275	462963	864997			25.0	50.0	100		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5761	14084	28225	64622	129072	0.400	1.00	2.00	5.00	10.0
			291637	581680	1092259			25.0	50.0	100		
N-Propylbenzene	DCBd 4	Ave	18359	48929	104930	224144	426556	0.400	1.00	2.00	5.00	10.0
			1016848	2123337	3862164			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	3908	9096	21148	44458	+++++	1.00	2.00	5.00	10.0
			101402	215769	405436			25.0	50.0	100		
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	4728	9098	21189	44506	+++++	1.00	2.00	5.00	10.0
			97404	195225	366960			25.0	50.0	100		
2-Chlorotoluene	DCBd 4	Ave	3936	9939	21384	44504	88463	0.400	1.00	2.00	5.00	10.0
			214230	441024	825116			25.0	50.0	100		
1,3,5-Trimethylbenzene	DCBd 4	Ave	12041	34770	69912	158696	300718	0.400	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			733326	1520269	2792838			25.0	50.0	100		
4-Chlorotoluene	DCBd 4	Ave	11043 602320	29817 1235995	62984 2297714	132148	252036	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 171920	7977 353419	16682 658498	37747	71273	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	13484 755561	34287 1550460	73089 2872241	160808	316646	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 947359	45150 1952544	95092 3592720	203408	381574	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd 4	Ave	13392 823285	37286 1711868	81039 3161645	176011	333715	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	7907 425011	19993 866453	44982 1589663	94400	179923	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	9398 428770	21975 883617	44699 1632475	96019	183643	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd 4	Ave	12513 703060	34834 1470441	70162 2694593	151353	289247	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	8245 417386	20414 847768	40557 1569935	91130	179199	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1080 60456	2865 128836	5498 253683	13820	27870	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	4984 280774	13572 595765	27514 1090471	60017	117171	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd 4	Ave	+++++	4716	11229	22060	44787	+++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

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
			111695	239899	422909			25.0	50.0	100		
Naphthalene	DCBd 4	Ave	18467	45466	88031	202811	423708	0.400	1.00	2.00	5.00	10.0
			1016759	2078153	4012167			25.0	50.0	100		
1,2,3-Trichlorobenzene	DCBd 4	Ave	4893	12510	26099	56534	115629	0.400	1.00	2.00	5.00	10.0
			274673	568746	1070445			25.0	50.0	100		
Dibromofluoromethane (Surr)	FB	Ave	233975	226844	224609	224049	225681	25.0	25.0	25.0	25.0	25.0
			214469	210910	193177			25.0	25.0	25.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	260952	260635	258829	256170	257956	25.0	25.0	25.0	25.0	25.0
			241907	229635	211481			25.0	25.0	25.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	835751	834058	809645	833582	833432	25.0	25.0	25.0	25.0	25.0
			790087	778202	702679			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	239096	233685	229690	231026	246746	25.0	25.0	25.0	25.0	25.0
			228742	227604	203499			25.0	25.0	25.0		

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-665587/13	L4074.D
Level 2	IC 480-665587/14	L4075.D
Level 3	IC 480-665587/15	L4076.D
Level 4	IC 480-665587/16	L4077.D
Level 5	IC 480-665587/17	L4078.D
Level 6	ICIS 480-665587/18	L4079.D
Level 7	IC 480-665587/19	L4080.D
Level 8	IC 480-665587/20	L4081.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++	1.6						30				
Chloromethane	4.2						30					
Vinyl chloride	-0.5						30					
Butadiene	+++++	22.7						30				
Bromomethane	11.2						30					
Chloroethane	-1.1						30					
Dichlorofluoromethane	3.9						30					
Trichlorofluoromethane	2.9						30					
Ethyl ether	-2.1						30					
Acrolein	-21.6						30					
1,1,2-Trichloro-1,2,2-trifluoroethane	-9.9						30					
1,1-Dichloroethene	-11.1						30					
Acetone	-2.7						30					
Iodomethane	-5.9						30					
Carbon disulfide	-2.8						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Allyl chloride	-2.4						30					
Methyl acetate	+++++	3.6						30				
Methylene Chloride	-4.7						30					
2-Methyl-2-propanol	11.2						30					
Methyl tert-butyl ether	4.5						30					
trans-1,2-Dichloroethene	-8.3						30					
Acrylonitrile	-4.0						30					
Hexane	3.3						30					
1,1-Dichloroethane	-2.5						30					
Vinyl acetate	-3.0						30					
2,2-Dichloropropane	-11.8						30					
cis-1,2-Dichloroethene	-5.1						30					
2-Butanone (MEK)	0.0						30					
Chlorobromomethane	-6.7						30					
Tetrahydrofuran	3.4						30					
Chloroform	+++++	7.5						30				
1,1,1-Trichloroethane	+++++	5.3						30				
Cyclohexane	4.0						30					
Carbon tetrachloride	-3.1						30					
1,1-Dichloropropene	-5.7						30					
Isobutyl alcohol	+++++	2.5						30				

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Benzene	3.0						30					
1,2-Dichloroethane	6.7						30					
n-Heptane	+++++	9.4						30				
Trichloroethene	-4.6						30					
Methylcyclohexane	2.0						30					
1,2-Dichloropropane	-11.4						30					
1,4-Dioxane	+++++	-15.6						30				
Dibromomethane	+++++	9.0						30				
Bromodichloromethane	-2.7						30					
2-Chloroethyl vinyl ether	+++++	-4.4						30				
cis-1,3-Dichloropropene	-4.1						30					
4-Methyl-2-pentanone (MIBK)	1.8						30					
Toluene	3.9						30					
trans-1,3-Dichloropropene	-3.2						30					
Ethyl methacrylate	-0.9						30					
1,1,2-Trichloroethane	-0.3						30					
Tetrachloroethene	-10.5						30					
1,3-Dichloropropane	0.2						30					
2-Hexanone	9.1						30					
Dibromochloromethane	-1.9						30					
1,2-Dibromoethane	+++++	6.1						30				

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chlorobenzene	3.5						30					
Ethylbenzene	-1.8						30					
1,1,1,2-Tetrachloroethane	-3.3						30					
m-Xylene & p-Xylene	0.5						30					
o-Xylene	-0.4						30					
Styrene	-6.2						30					
Bromoform	+++++	2.1						30				
Isopropylbenzene	-5.6						30					
Bromobenzene	-0.9						30					
1,1,2,2-Tetrachloroethane	5.3						30					
N-Propylbenzene	-3.5						30					
trans-1,4-Dichloro-2-butene	+++++	-4.5						30				
1,2,3-Trichloropropane	+++++	16.1						30				
2-Chlorotoluene	-0.2						30					
1,3,5-Trimethylbenzene	-9.6						30					
4-Chlorotoluene	-2.5						30					
tert-Butylbenzene	+++++	11.9						30				
1,2,4-Trimethylbenzene	-2.2						30					
sec-Butylbenzene	+++++	14.8						30				
4-Isopropyltoluene	-10.0						30					
1,3-Dichlorobenzene	-0.6						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-210122-1 Analy Batch No.: 665587

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 15:24 Calibration End Date: 04/17/2023 18:14 Calibration ID: 44767

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	12.7						30					
n-Butylbenzene	-4.3						30					
1,2-Dichlorobenzene	5.3						30					
1,2-Dibromo-3-Chloropropane	-5.5						30					
1,2,4-Trichlorobenzene	-4.4						30					
Hexachlorobutadiene	+++++	4.1						30				
Naphthalene	1.3						30					
1,2,3-Trichlorobenzene	-2.3						30					
Dibromofluoromethane (Surr)	2.0						30					
1,2-Dichloroethane-d4 (Surr)	1.0						30					
Toluene-d8 (Surr)	0.2						30					
4-Bromofluorobenzene (Surr)	0.0						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Lims ID: IC 0.4
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2023 15:24:55 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 0.4
Misc. Info.: 480-0111151-013
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:35:55 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:27:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	146038	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	86	602640	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	314355	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	93	233975	25.0	25.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.522	5.525	-0.003	97	260952	25.0	25.2	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	94	835751	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.905	9.908	-0.003	99	239096	25.0	25.0	
10 Dichlorodifluoromethane	85	1.779	1.789	-0.010	90	4169	0.4000	0.4791	
13 Chloromethane	50	2.030	2.024	0.006	86	5399	0.4000	0.4169	a
14 Vinyl chloride	62	2.133	2.133	0.000	86	4235	0.4000	0.3979	
15 Butadiene	54	2.143	2.152	-0.009	96	6294	0.4000	0.5510	
18 Bromomethane	94	2.506	2.506	0.000	6	2958	0.4000	0.4446	a
19 Chloroethane	64	2.564	2.564	0.000	34	2658	0.4000	0.3957	a
20 Dichlorofluoromethane	67	2.776	2.786	-0.010	93	5682	0.4000	0.4156	
21 Trichlorofluoromethane	101	2.802	2.802	0.000	71	4754	0.4000	0.4117	M
26 Ethyl ether	59	3.030	3.030	0.000	90	3552	0.4000	0.3916	a
28 Acrolein	56	3.229	3.220	0.009	77	1292	2.00	1.57	Ma
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.239	3.245	-0.006	82	2461	0.4000	0.3605	a
30 1,1-Dichloroethene	96	3.255	3.274	-0.019	81	2599	0.4000	0.3557	a
31 Acetone	43	3.348	3.358	-0.010	99	7875	2.00	1.95	M
33 Iodomethane	142	3.445	3.451	-0.006	95	5346	0.4000	0.3766	M
35 Carbon disulfide	76	3.487	3.496	-0.009	95	8488	0.4000	0.3886	Ma
37 3-Chloro-1-propene	41	3.596	3.589	0.007	84	6017	0.4000	0.3904	a
38 Methyl acetate	43	3.612	3.615	-0.003	95	12692	0.8000	0.9808	M
39 Methylene Chloride	84	3.725	3.741	-0.016	87	3411	0.4000	0.3810	M
40 2-Methyl-2-propanol	59	3.844	3.834	0.010	8	4025	4.00	4.45	a
41 Methyl tert-butyl ether	73	3.898	3.901	-0.003	96	11149	0.4000	0.4181	
42 trans-1,2-Dichloroethene	96	3.924	3.930	-0.006	80	3229	0.4000	0.3667	
44 Acrylonitrile	53	3.982	3.975	0.007	95	24385	4.00	3.84	Ma
47 Hexane	57	4.088	4.088	0.000	92	4780	0.4000	0.4133	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.310	4.307	0.003	90	6078	0.4000	0.3901	
49 Vinyl acetate	43	4.326	4.323	0.003	97	17691	0.8000	0.7758	
56 2,2-Dichloropropane	77	4.792	4.782	0.010	73	2836	0.4000	0.3526	a
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	81	3659	0.4000	0.3798	a
57 2-Butanone (MEK)	43	4.824	4.821	0.003	99	16226	2.00	2.00	M
60 Chlorobromomethane	128	5.024	5.027	-0.003	85	1873	0.4000	0.3732	Ma
61 Tetrahydrofuran	42	5.053	5.049	0.004	81	4542	0.8000	0.8275	
62 Chloroform	83	5.075	5.078	-0.003	90	7009	0.4000	0.4701	
64 1,1,1-Trichloroethane	97	5.207	5.210	-0.003	52	4035	0.4000	0.3282	
65 Cyclohexane	56	5.226	5.226	0.000	32	6125	0.4000	0.4160	a
66 Carbon tetrachloride	117	5.339	5.339	0.000	92	4207	0.4000	0.3875	a
67 1,1-Dichloropropene	75	5.339	5.342	-0.003	89	4198	0.4000	0.3773	
69 Isobutyl alcohol	43	5.474	5.467	0.007	71	9834	10.0	11.5	M
70 Benzene	78	5.535	5.535	0.000	53	14000	0.4000	0.4121	a
72 1,2-Dichloroethane	62	5.590	5.589	0.001	32	5555	0.4000	0.4270	
73 n-Heptane	43	5.644	5.647	-0.003	92	6876	0.4000	0.5059	a
75 Trichloroethene	95	6.101	6.091	0.010	92	3378	0.4000	0.3814	
76 Methylcyclohexane	83	6.217	6.213	0.003	87	5017	0.4000	0.4079	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	90	3221	0.4000	0.3543	a
81 1,4-Dioxane	88		6.448				ND	ND	
82 Dibromomethane	93	6.471	6.464	0.007	90	2154	0.4000	0.3559	
83 Dichlorobromomethane	83	6.589	6.586	0.003	84	4350	0.4000	0.3890	M
84 2-Chloroethyl vinyl ether	63	6.821	6.818	0.003	83	2236	0.4000	0.3083	a
85 cis-1,3-Dichloropropene	75	6.975	6.978	-0.003	94	5321	0.4000	0.3835	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	97	33192	2.00	2.04	
88 Toluene	92	7.265	7.265	0.000	96	8938	0.4000	0.4157	
91 trans-1,3-Dichloropropene	75	7.519	7.512	0.007	87	4870	0.4000	0.3871	
90 Ethyl methacrylate	69	7.519	7.522	-0.003	81	5008	0.4000	0.3966	
93 1,1,2-Trichloroethane	83	7.715	7.708	0.007	85	2800	0.4000	0.3987	
94 Tetrachloroethene	166	7.798	7.792	0.006	87	3210	0.4000	0.3578	
95 1,3-Dichloropropane	76	7.872	7.876	-0.004	92	5755	0.4000	0.4009	
96 2-Hexanone	43	7.905	7.901	0.004	97	25275	2.00	2.18	M
98 Chlorodibromomethane	129	8.114	8.114	0.000	83	3647	0.4000	0.3924	a
101 Ethylene Dibromide	107	8.245	8.239	0.006	94	4163	0.4000	0.4510	
103 Chlorobenzene	112	8.692	8.695	-0.003	77	10261	0.4000	0.4141	a
104 Ethylbenzene	91	8.760	8.763	-0.003	96	15296	0.4000	0.3928	
105 1,1,1,2-Tetrachloroethane	131	8.782	8.776	0.006	74	3396	0.4000	0.3868	
106 m-Xylene & p-Xylene	106	8.876	8.879	-0.003	94	6299	0.4000	0.4019	a
107 o-Xylene	106	9.303	9.313	-0.010	97	6217	0.4000	0.3984	
109 Styrene	104	9.339	9.339	0.000	94	9535	0.4000	0.3753	
110 Bromoform	173	9.602	9.612	-0.010	88	2037	0.4000	0.3136	a
111 Isopropylbenzene	105	9.689	9.686	0.003	95	15222	0.4000	0.3774	
113 Bromobenzene	156	10.069	10.078	-0.010	85	4190	0.4000	0.3962	a
112 1,1,2,2-Tetrachloroethane	83	10.088	10.091	-0.003	83	5761	0.4000	0.4212	
114 N-Propylbenzene	91	10.126	10.126	0.000	96	18359	0.4000	0.3861	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	68	1559	0.4000	0.3423	
116 1,2,3-Trichloropropane	110	10.130	10.142	-0.012	86	1547	0.4000	0.3415	
117 2-Chlorotoluene	126	10.249	10.255	-0.006	95	3936	0.4000	0.3994	a
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	95	12041	0.4000	0.3616	
119 4-Chlorotoluene	91	10.368	10.364	0.004	96	11043	0.4000	0.3900	
120 tert-Butylbenzene	134	10.628	10.631	-0.003	88	2553	0.4000	0.3219	
121 1,2,4-Trimethylbenzene	105	10.679	10.683	-0.004	95	13484	0.4000	0.3912	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	93	14769	0.4000	0.3373	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	96	13392	0.4000	0.3599	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	87	7907	0.4000	0.3974	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	9398	0.4000	0.4509	a
127 n-Butylbenzene	91	11.351	11.351	0.000	95	12513	0.4000	0.3828	
128 1,2-Dichlorobenzene	146	11.438	11.435	0.003	95	8245	0.4000	0.4213	
129 1,2-Dibromo-3-Chloropropane	75	12.136	12.133	0.003	86	1080	0.4000	0.3779	
130 1,2,4-Trichlorobenzene	180	12.753	12.756	-0.003	86	4984	0.4000	0.3825	
131 Hexachlorobutadiene	225	12.850	12.847	0.004	78	1348	0.4000	0.2675	
132 Naphthalene	128	12.975	12.975	0.000	96	18467	0.4000	0.4053	
133 1,2,3-Trichlorobenzene	180	13.175	13.174	0.001	93	4893	0.4000	0.3909	
S 143 Xylenes, Total	1				0			0.8003	
S 142 Total BTEX	1				0			2.02	
S 144 1,3-Dichloropropene, Total	1				0			0.7706	
S 141 1,2-Dichloroethene, Total	1				0			0.7465	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

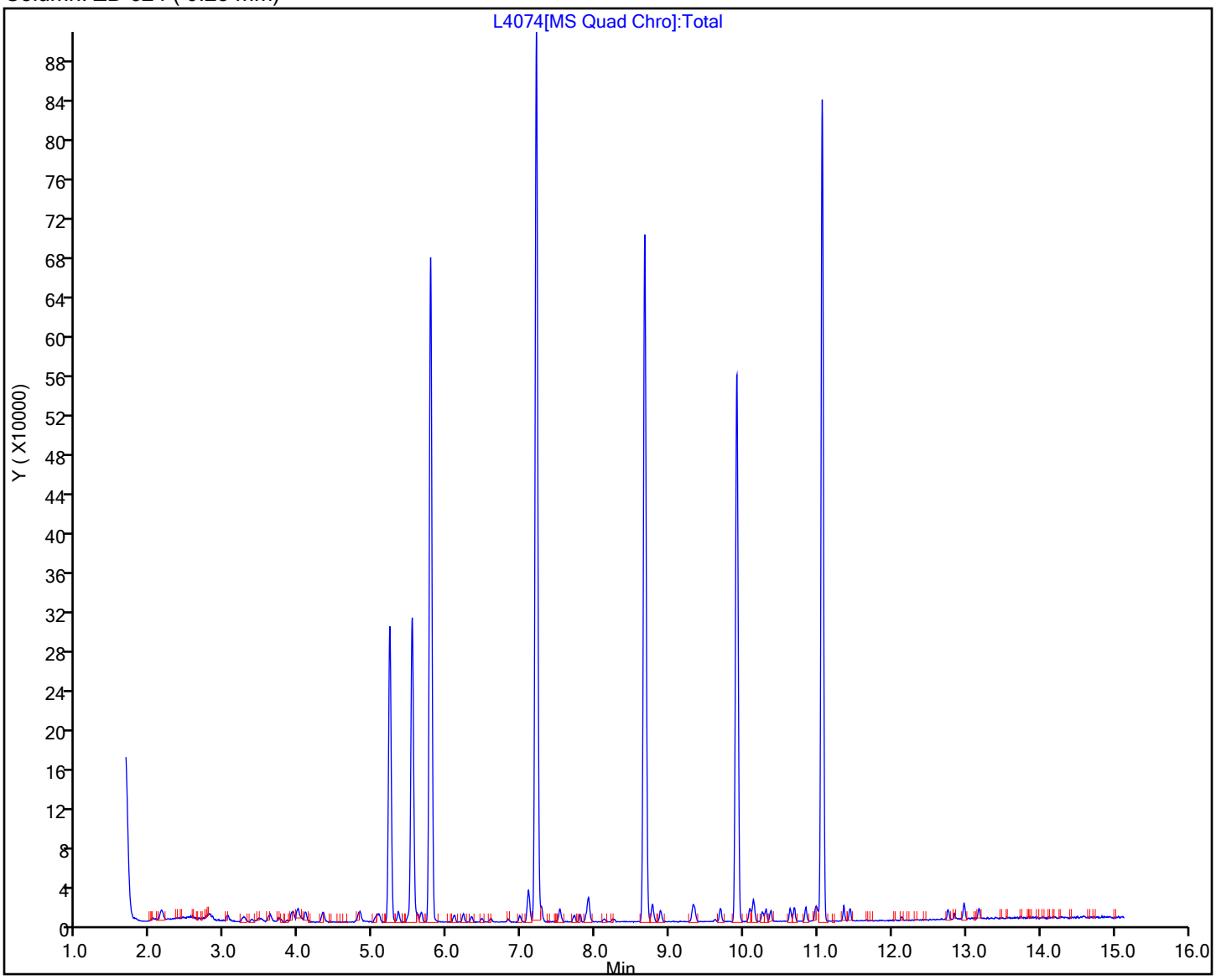
Reagents:

8260 CORP mix_00236	Amount Added:	0.40	Units: uL	
GAS CORP mix_00561	Amount Added:	0.40	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

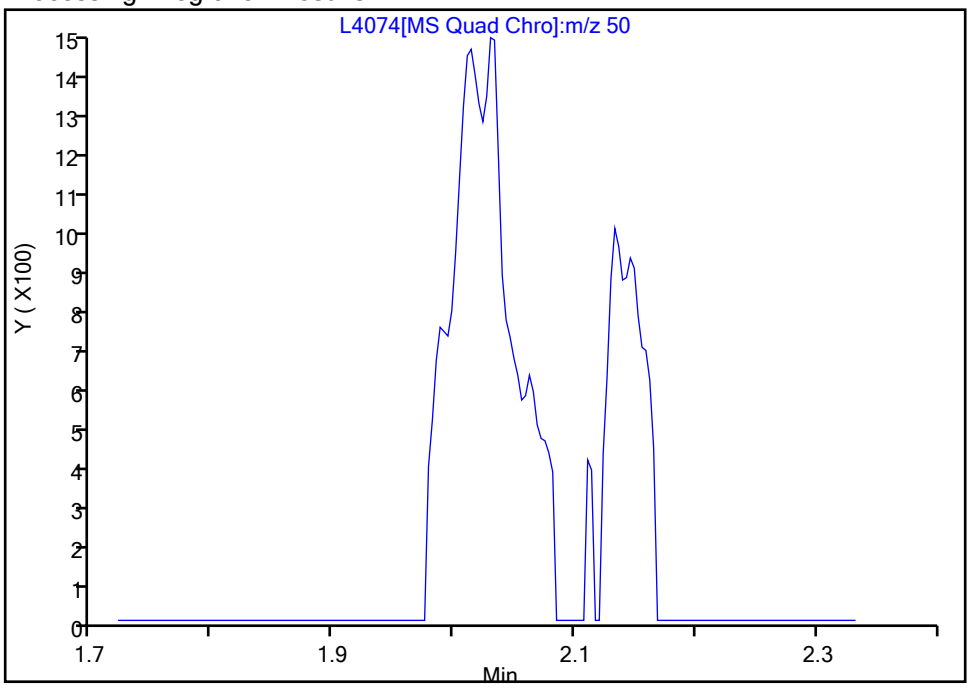
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

13 Chloromethane, CAS: 74-87-3

Signal: 1

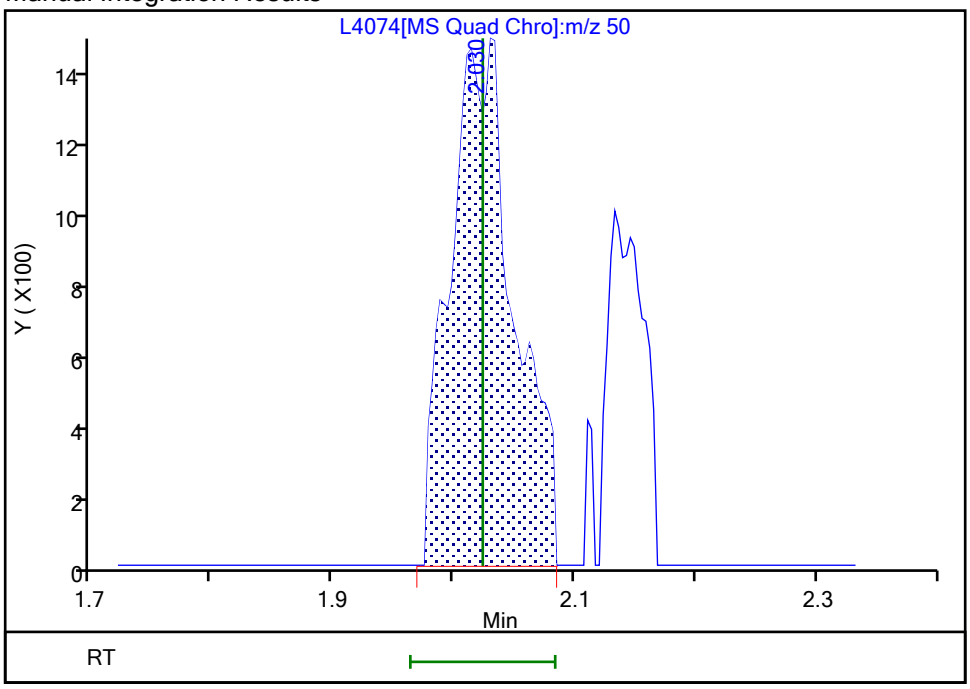
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 5399
Amount: 0.416910
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:27:29
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

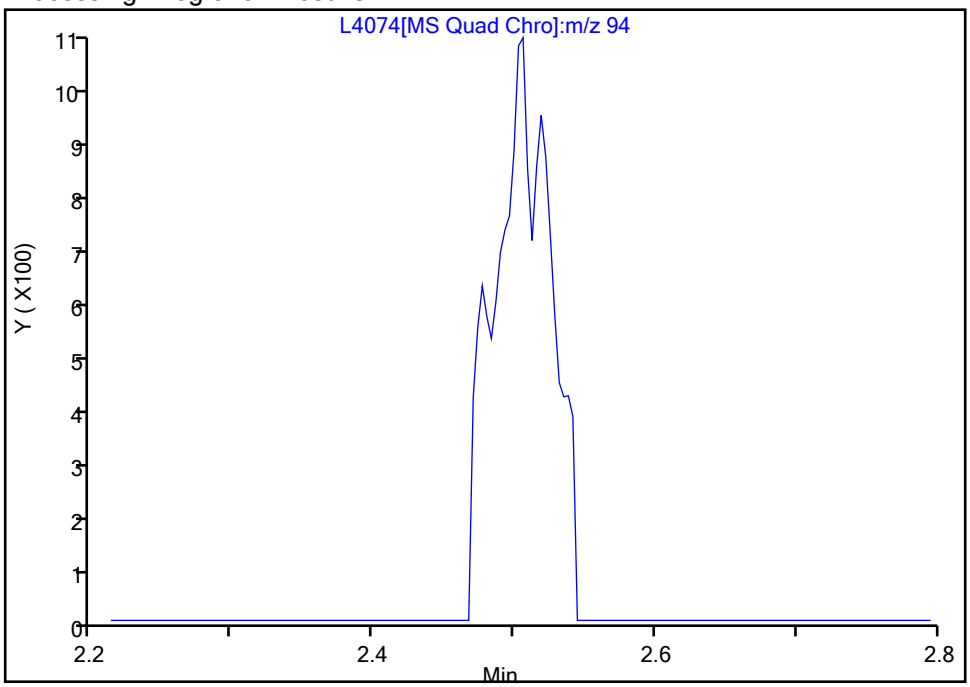
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

18 Bromomethane, CAS: 74-83-9

Signal: 1

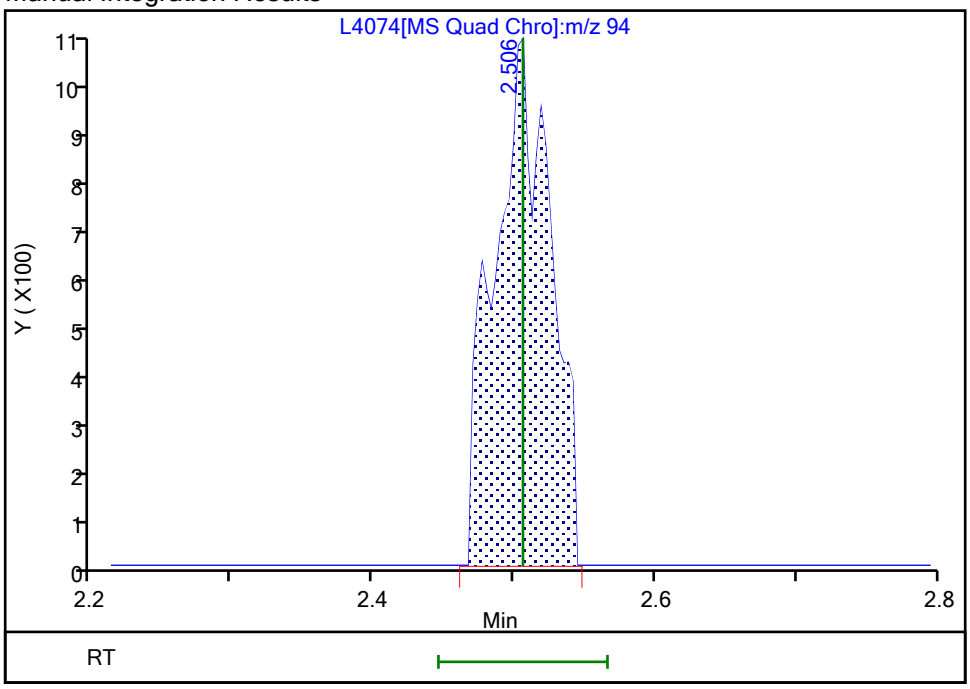
Not Detected
Expected RT: 2.51

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 2958
Amount: 0.444649
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:27:24
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

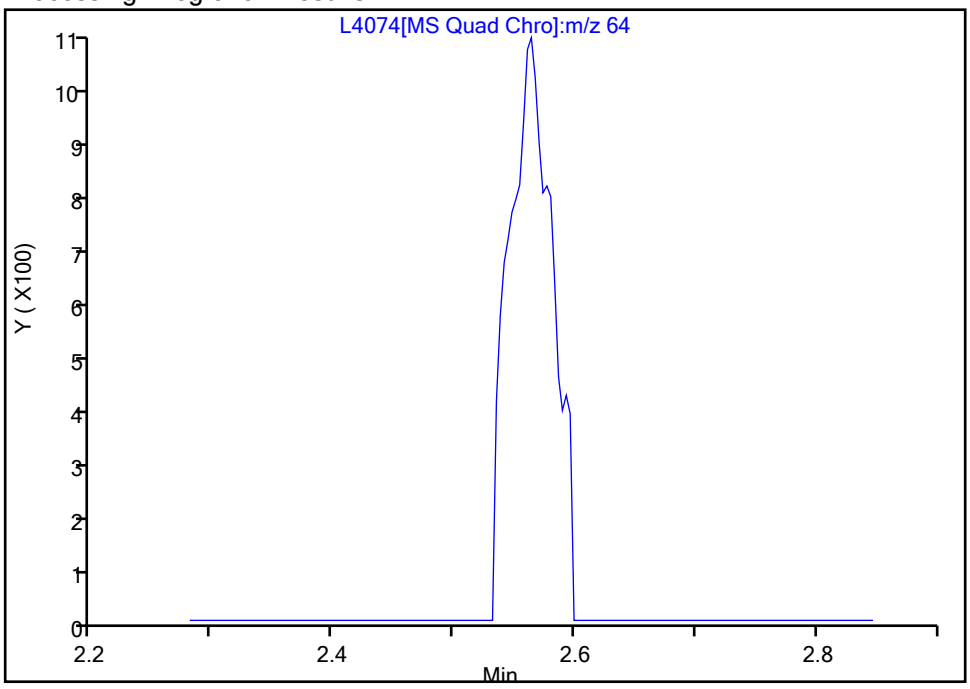
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

19 Chloroethane, CAS: 75-00-3

Signal: 1

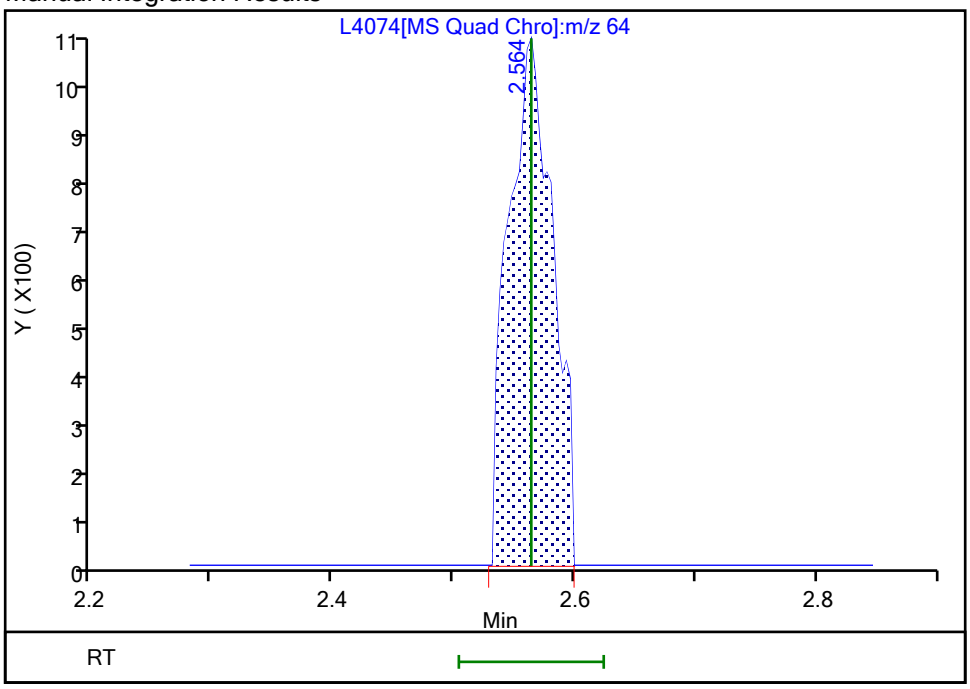
Not Detected
Expected RT: 2.56

Processing Integration Results



Manual Integration Results

RT: 2.56
Area: 2658
Amount: 0.395657
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:27:21
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

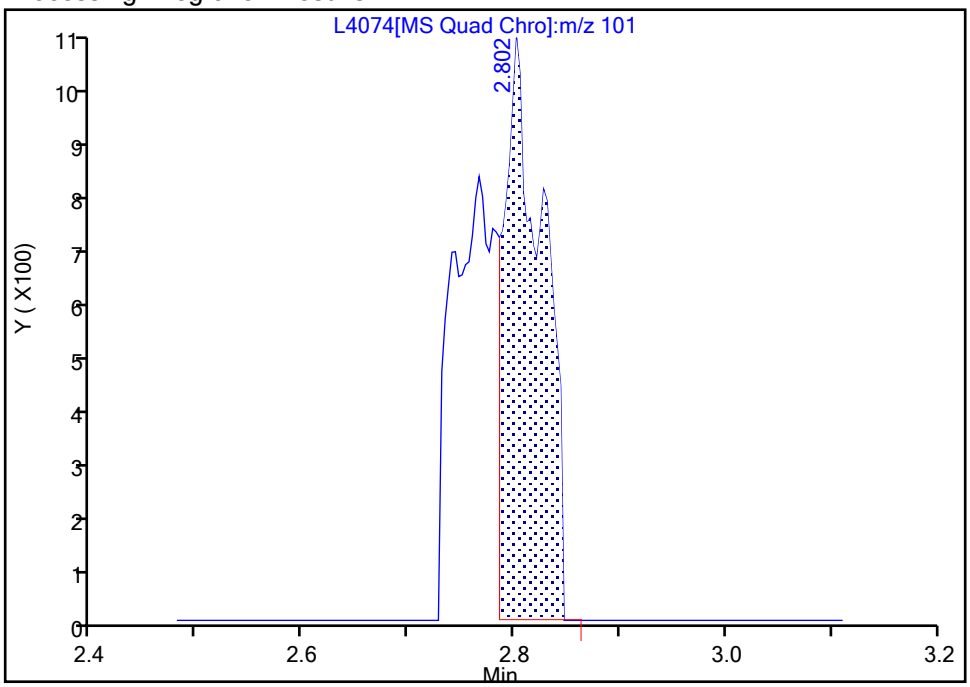
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

21 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

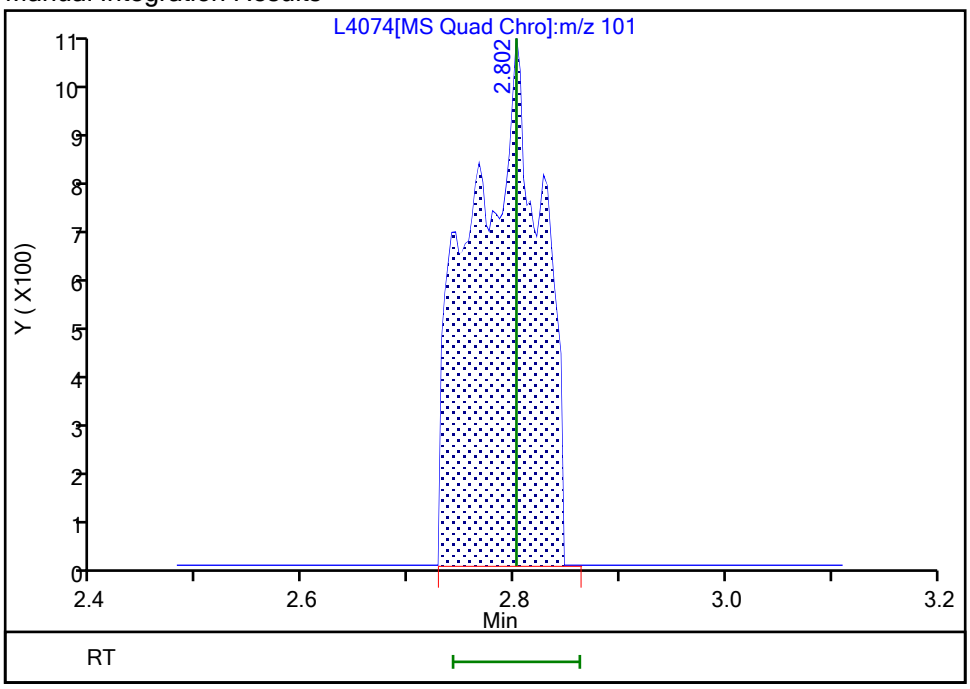
Processing Integration Results

RT: 2.80
Area: 2626
Amount: 0.596175
Amount Units: ug/L



Manual Integration Results

RT: 2.80
Area: 4754
Amount: 0.411683
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:27:12
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

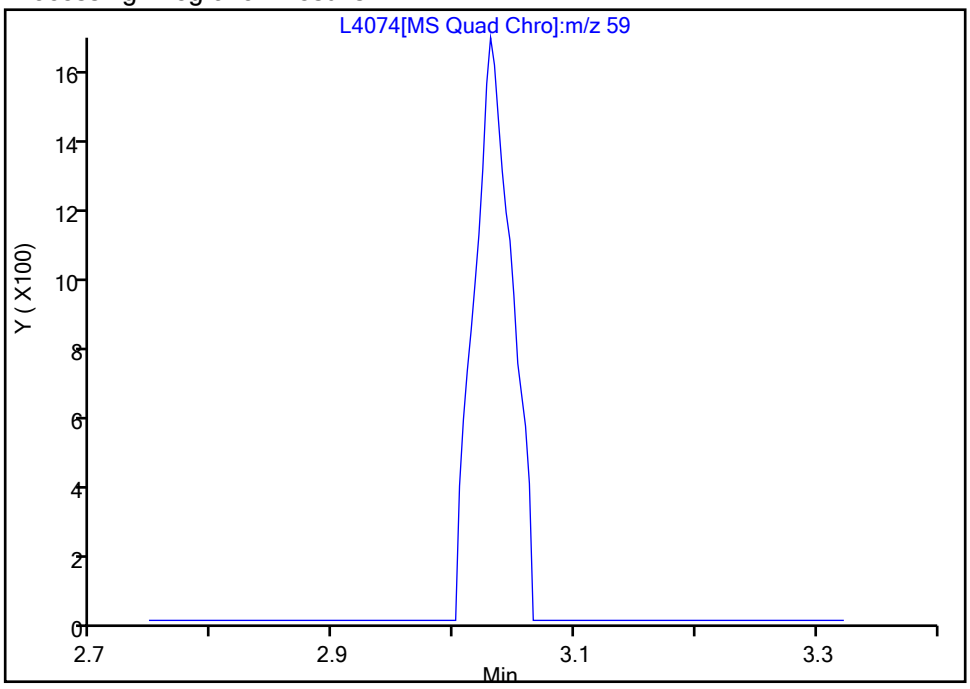
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

26 Ethyl ether, CAS: 60-29-7

Signal: 1

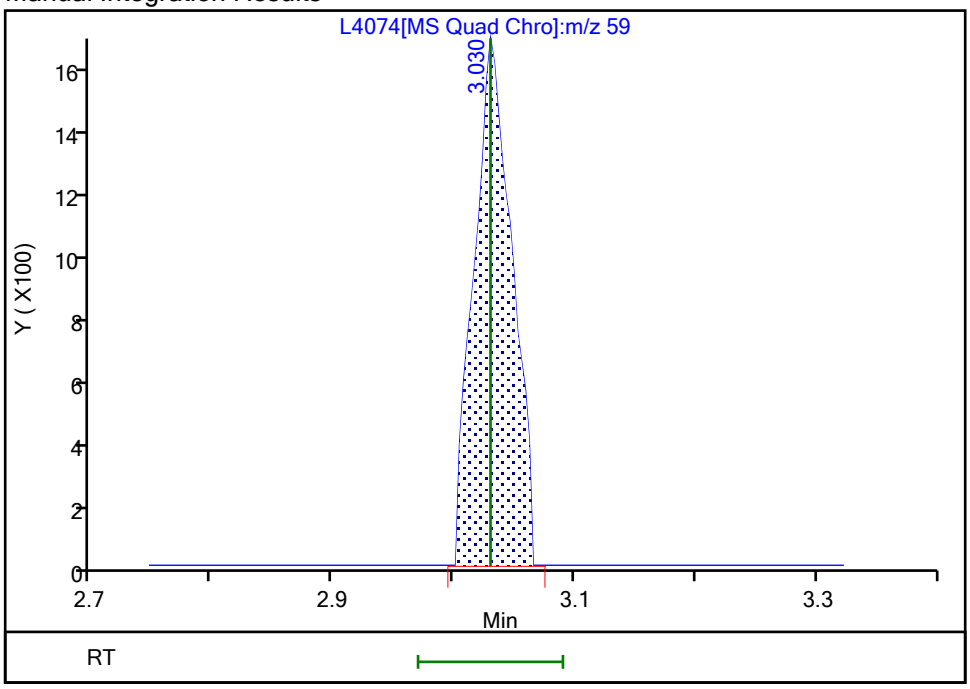
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.03
Area: 3552
Amount: 0.391621
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:27:05
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

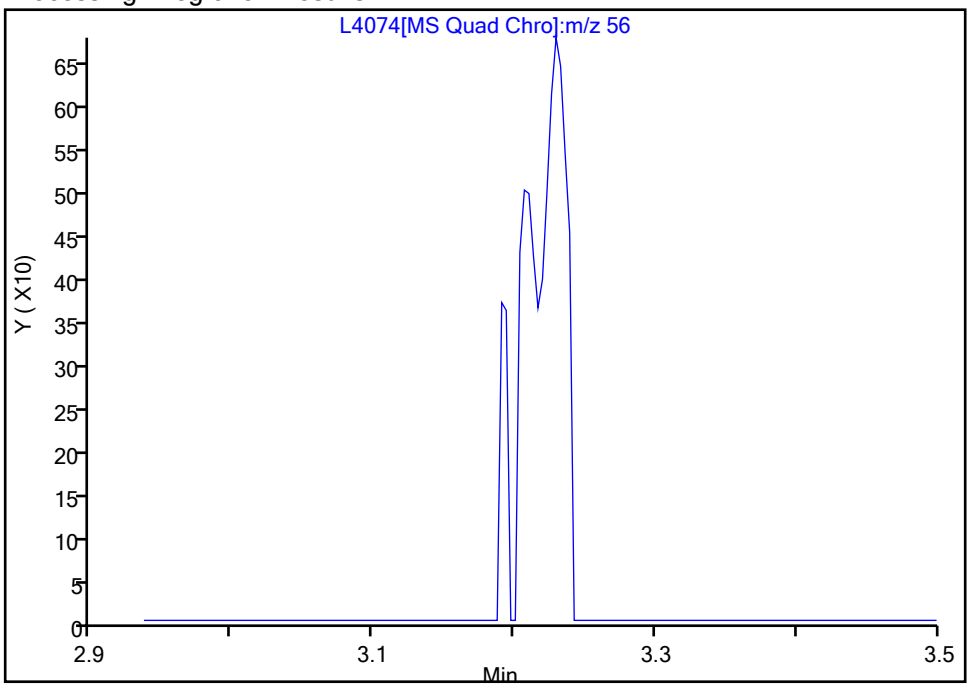
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

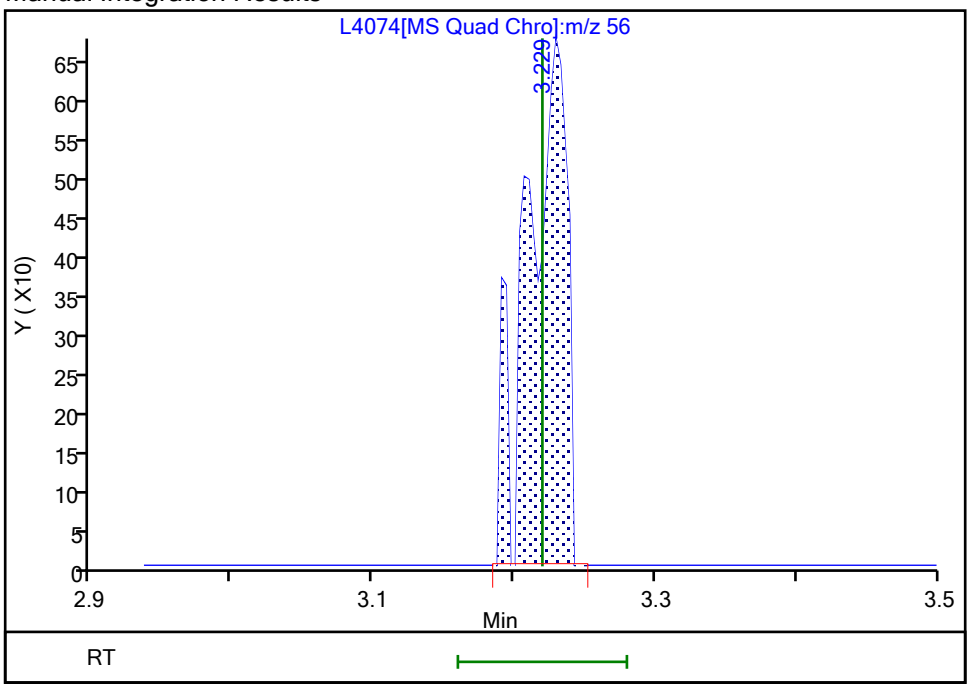
Not Detected
Expected RT: 3.22

Processing Integration Results



Manual Integration Results

RT: 3.23
Area: 1292
Amount: 1.568039
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:59:45
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

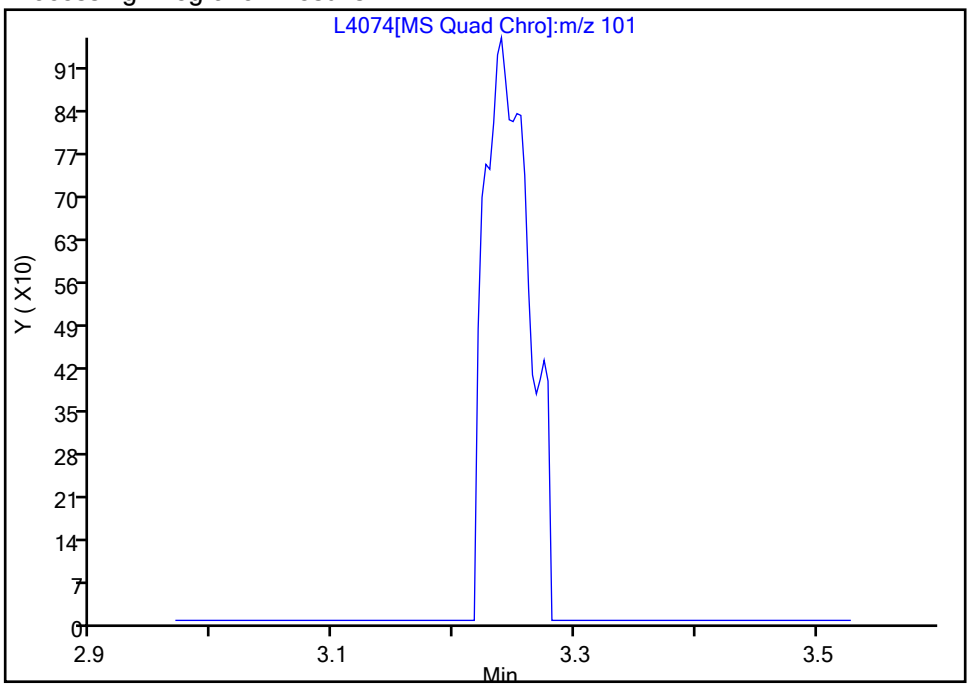
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

29 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

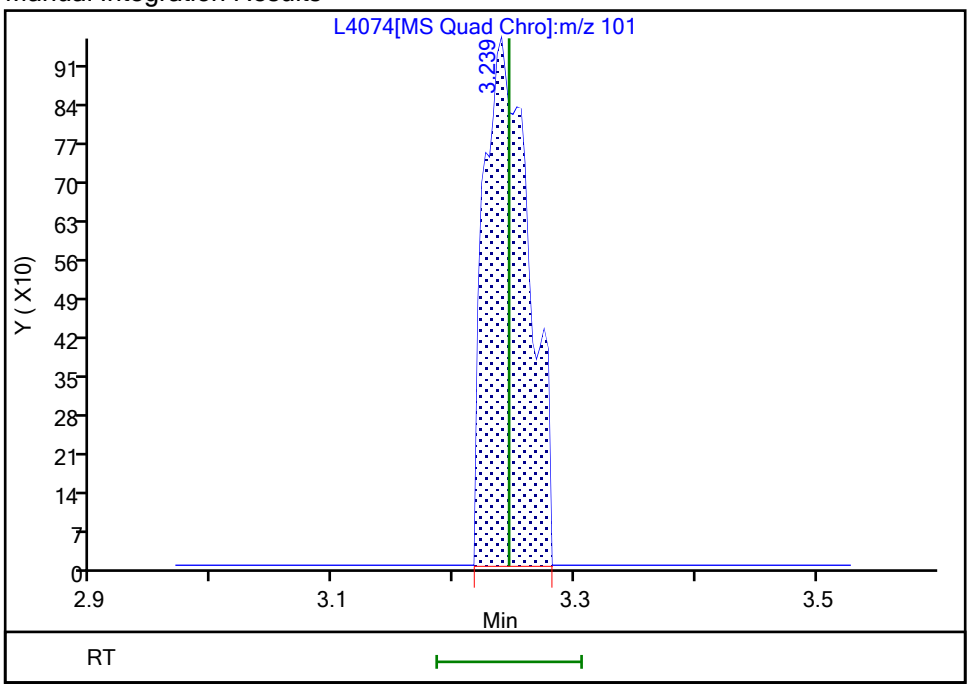
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.24
Area: 2461
Amount: 0.360546
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:57
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

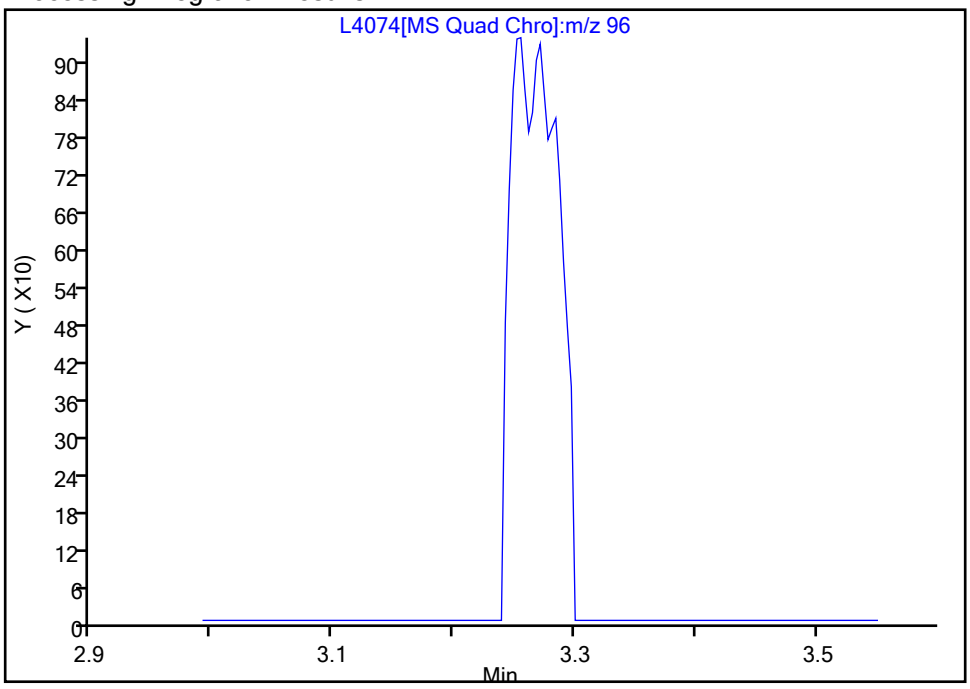
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

30 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

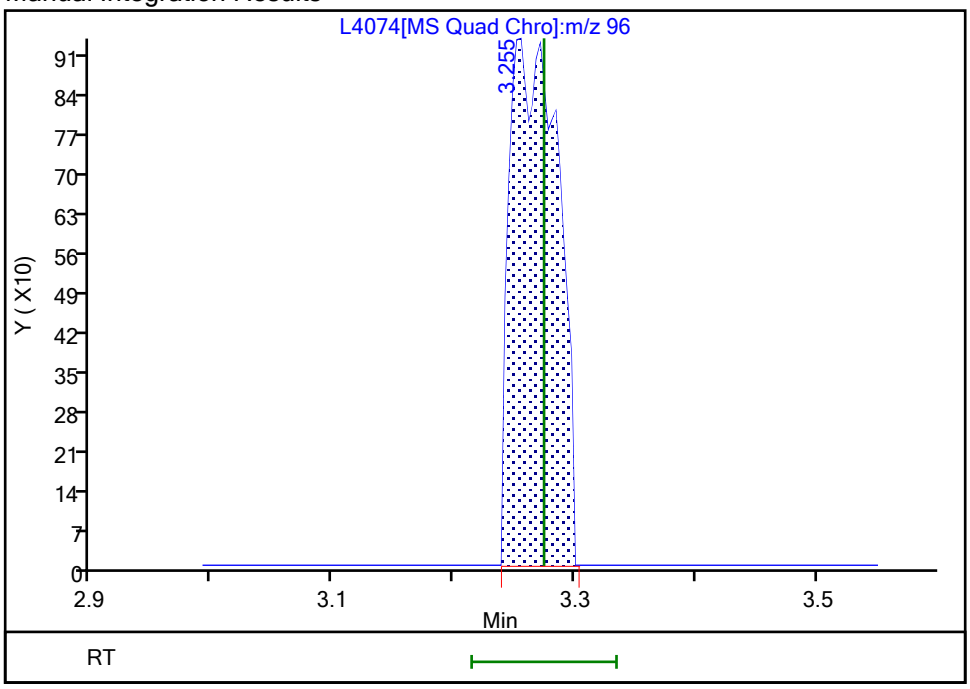
Not Detected
Expected RT: 3.27

Processing Integration Results



Manual Integration Results

RT: 3.26
Area: 2599
Amount: 0.355650
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:54
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

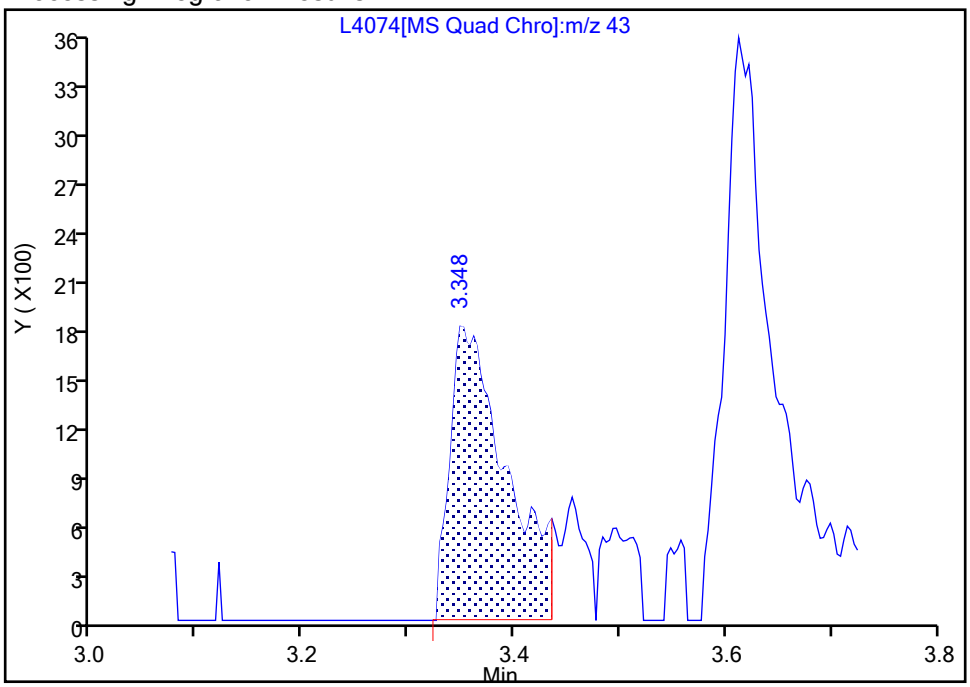
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

31 Acetone, CAS: 67-64-1

Signal: 1

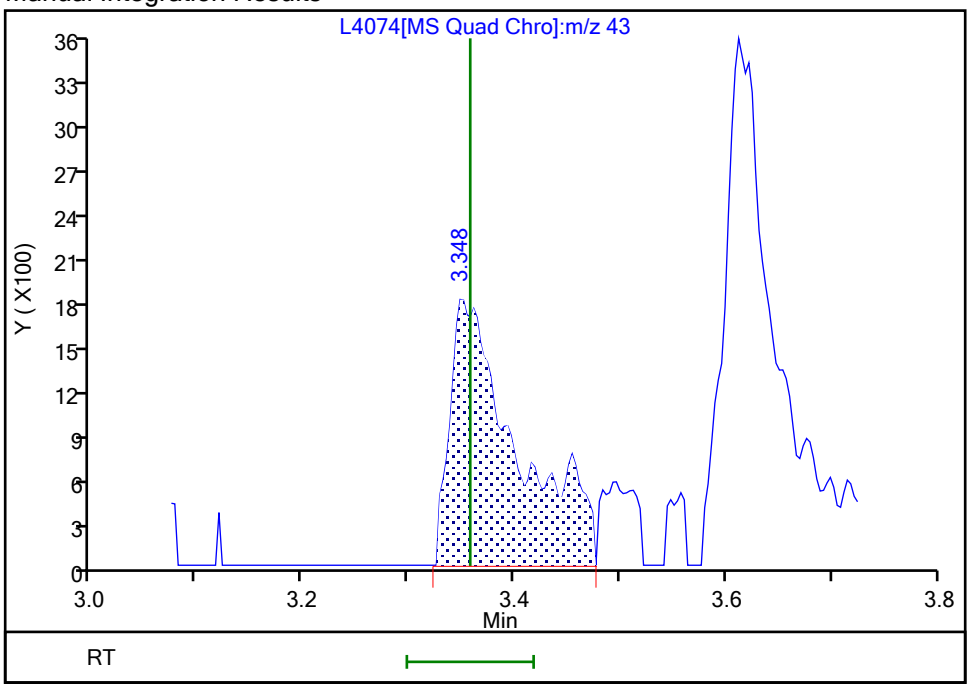
Processing Integration Results

RT: 3.35
Area: 6635
Amount: 1.653799
Amount Units: ug/L



Manual Integration Results

RT: 3.35
Area: 7875
Amount: 1.946910
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:48
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

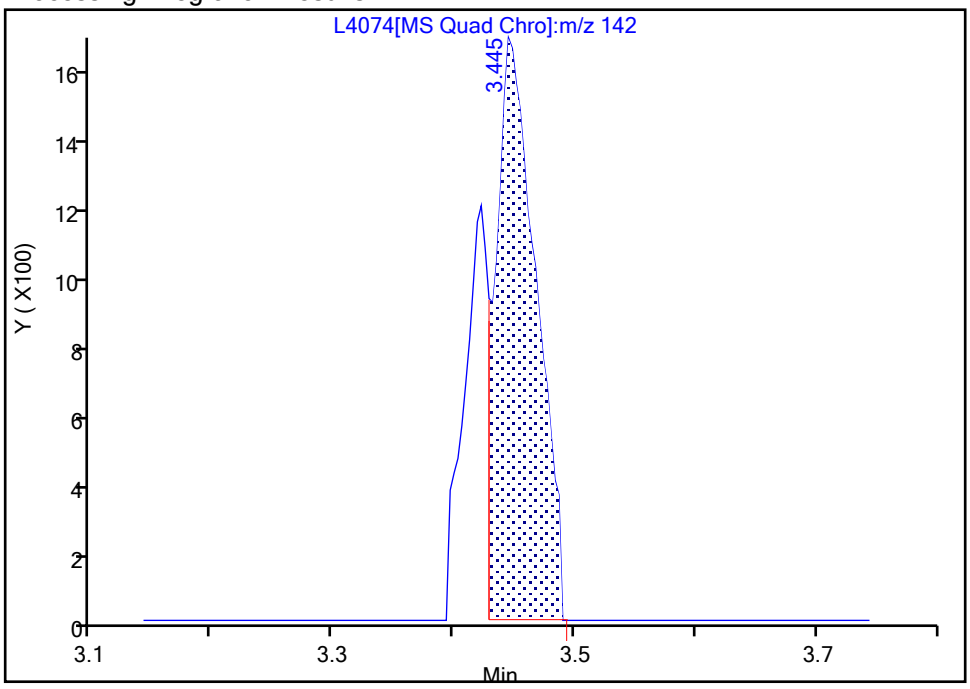
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

33 Iodomethane, CAS: 74-88-4

Signal: 1

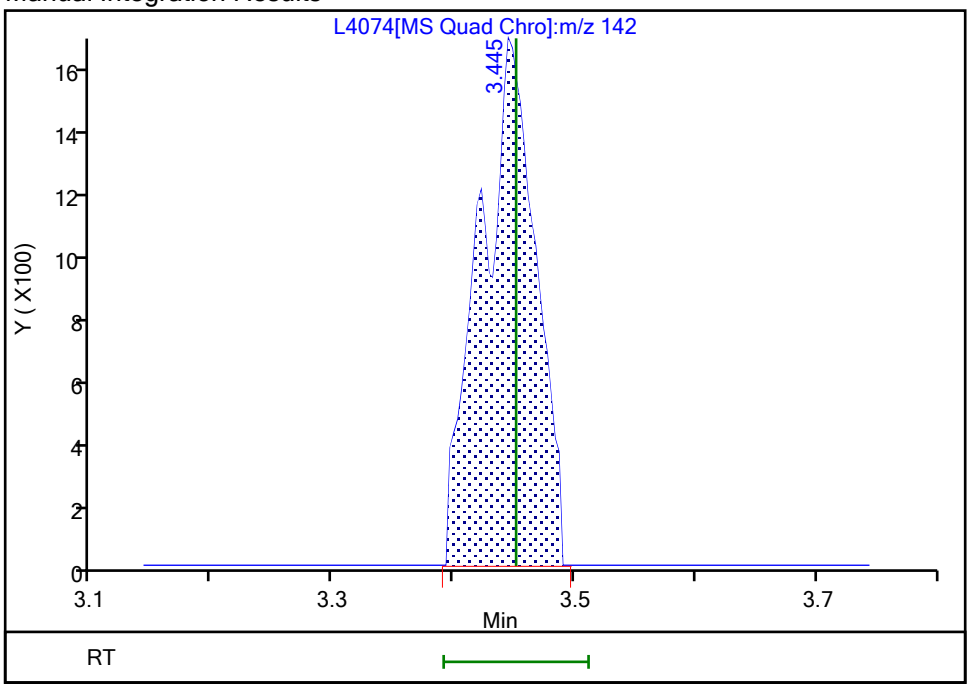
Processing Integration Results

RT: 3.44
Area: 3871
Amount: 0.281836
Amount Units: ug/L



Manual Integration Results

RT: 3.44
Area: 5346
Amount: 0.376589
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:32
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

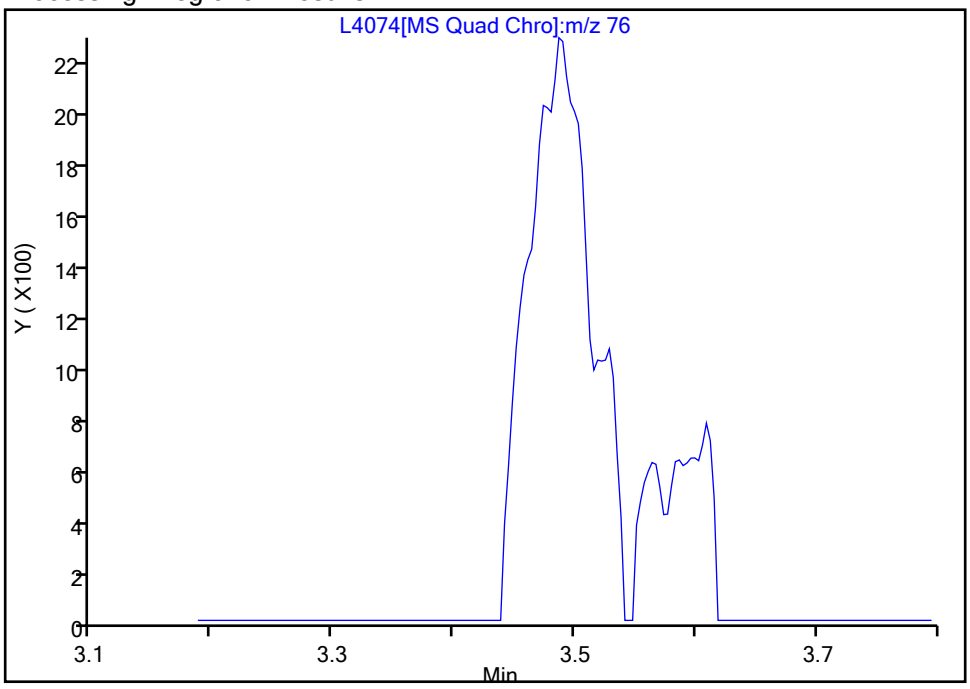
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

35 Carbon disulfide, CAS: 75-15-0

Signal: 1

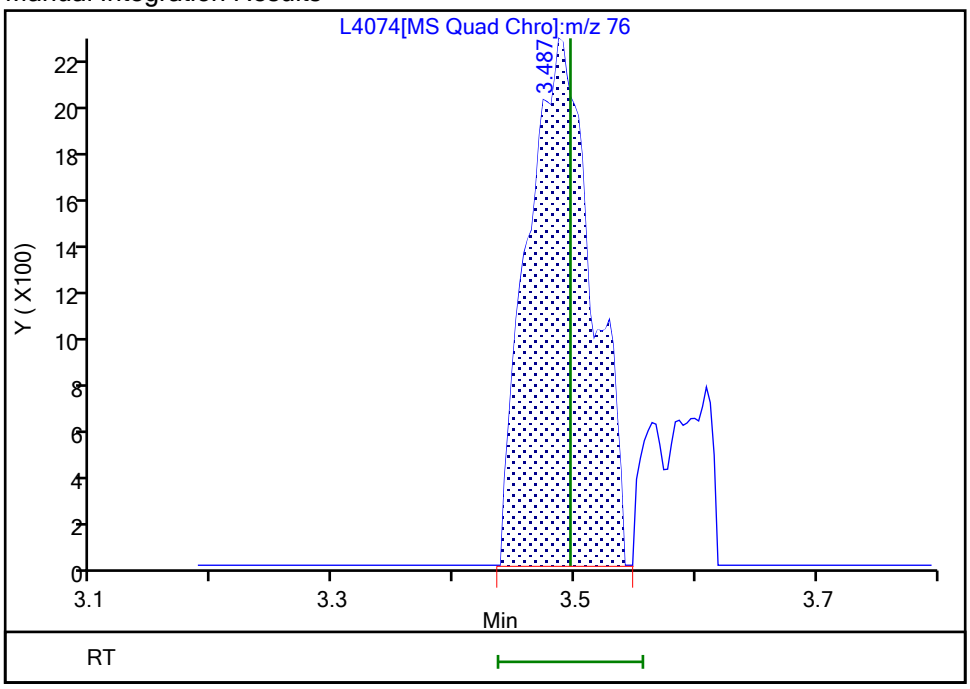
Not Detected
Expected RT: 3.50

Processing Integration Results



Manual Integration Results

RT: 3.49
Area: 8488
Amount: 0.388644
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:26
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

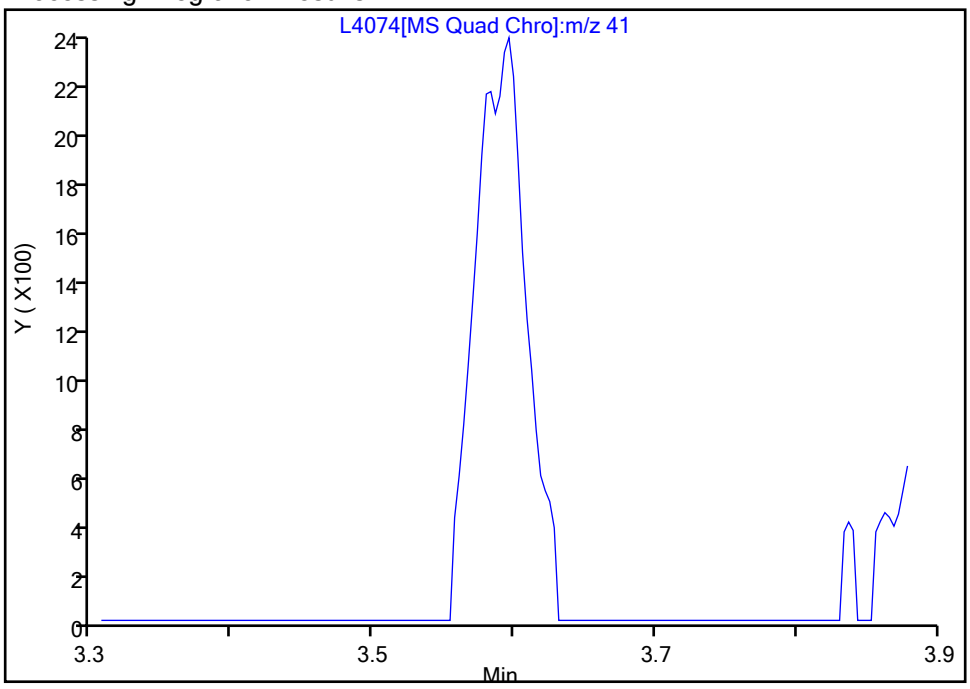
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

37 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

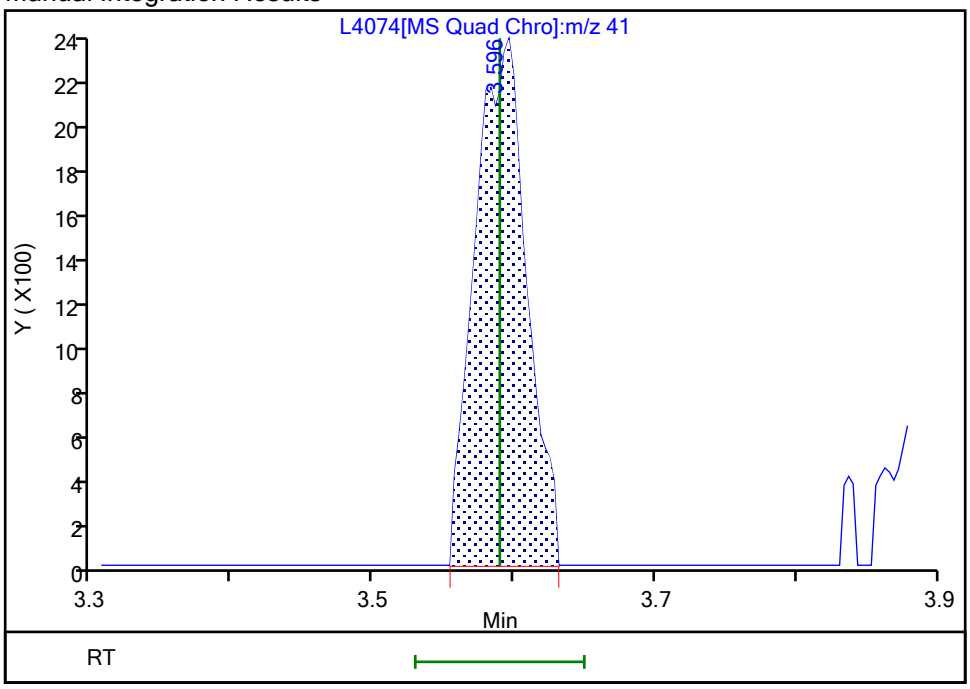
Not Detected
Expected RT: 3.59

Processing Integration Results



Manual Integration Results

RT: 3.60
Area: 6017
Amount: 0.390363
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:18
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

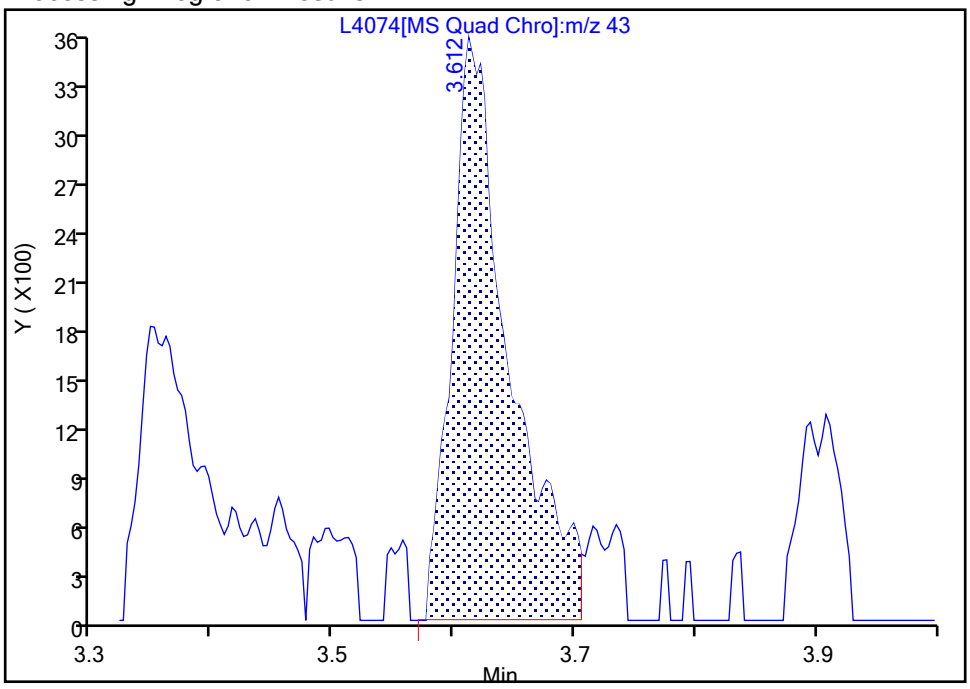
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

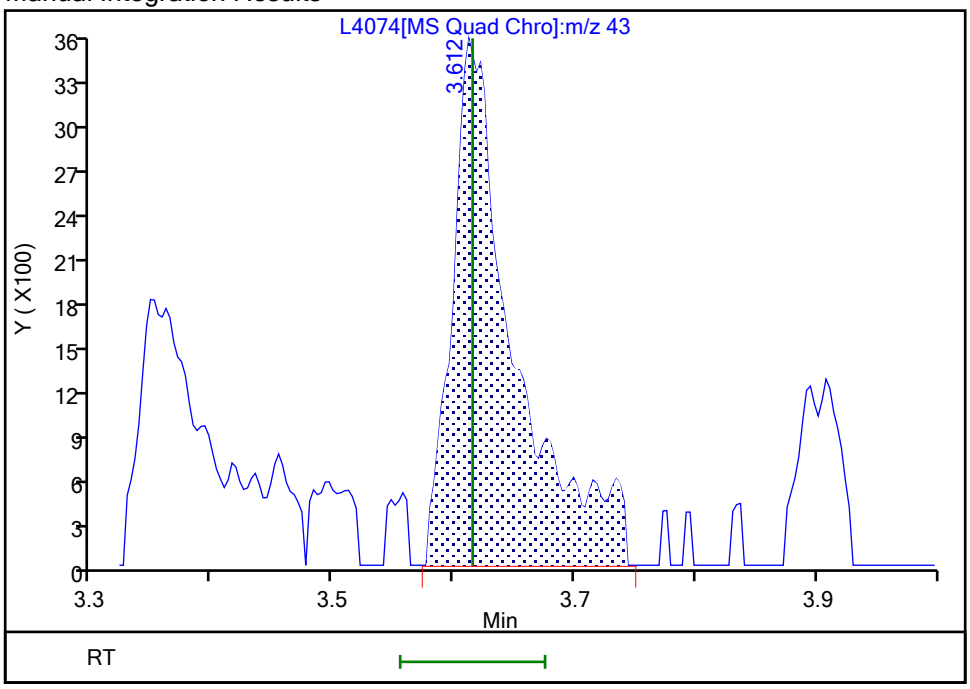
Processing Integration Results

RT: 3.61
Area: 11647
Amount: 0.875928
Amount Units: ug/L



Manual Integration Results

RT: 3.61
Area: 12692
Amount: 0.980846
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:42:04
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

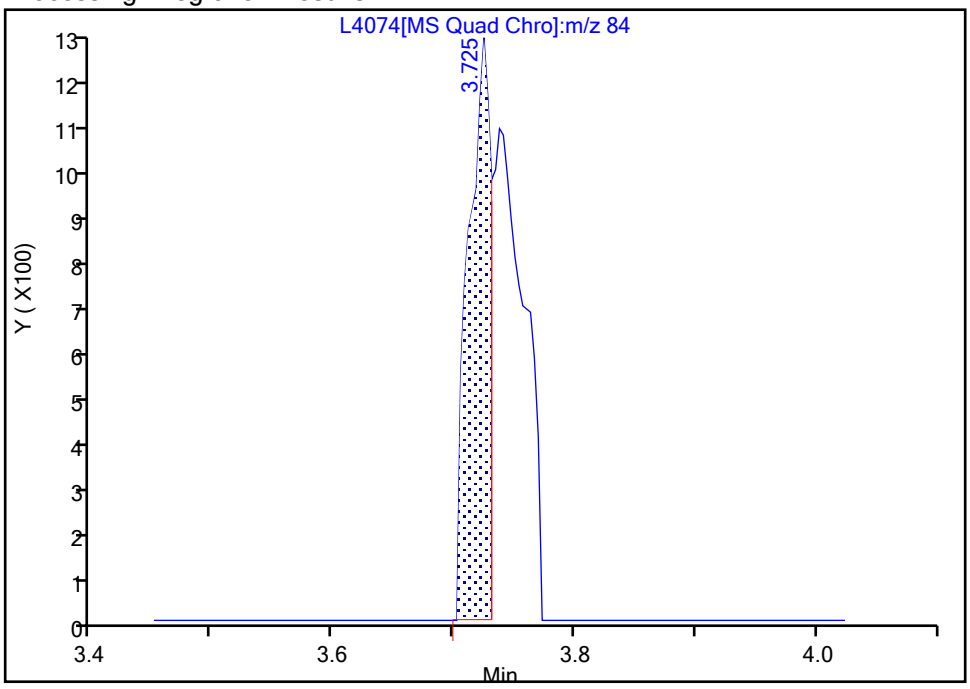
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

39 Methylene Chloride, CAS: 75-09-2

Signal: 1

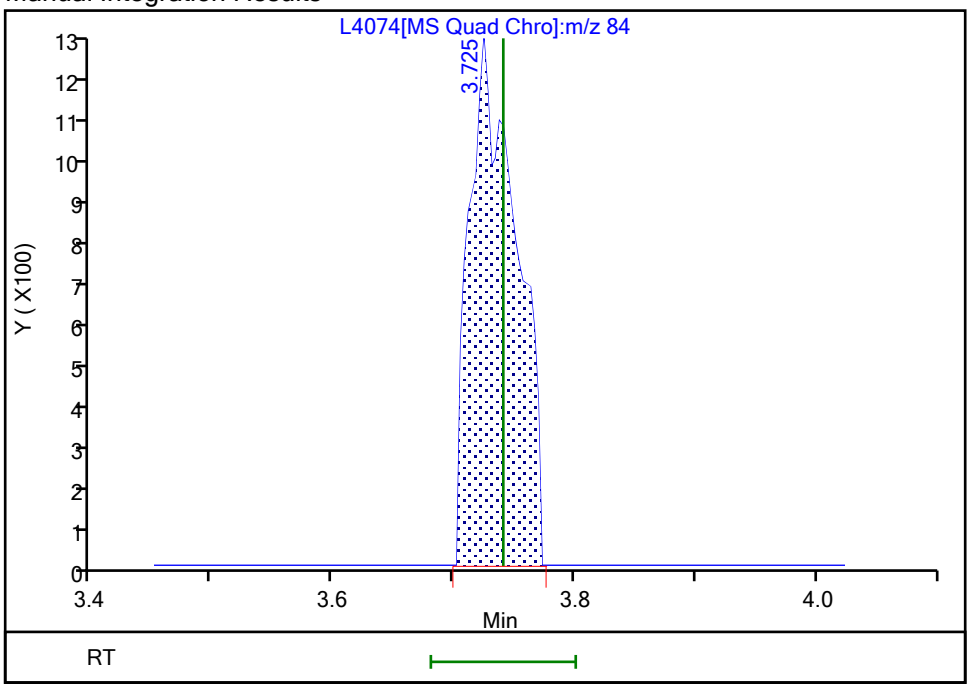
Processing Integration Results

RT: 3.72
Area: 1609
Amount: 0.195663
Amount Units: ug/L



Manual Integration Results

RT: 3.72
Area: 3411
Amount: 0.381015
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:26:11
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

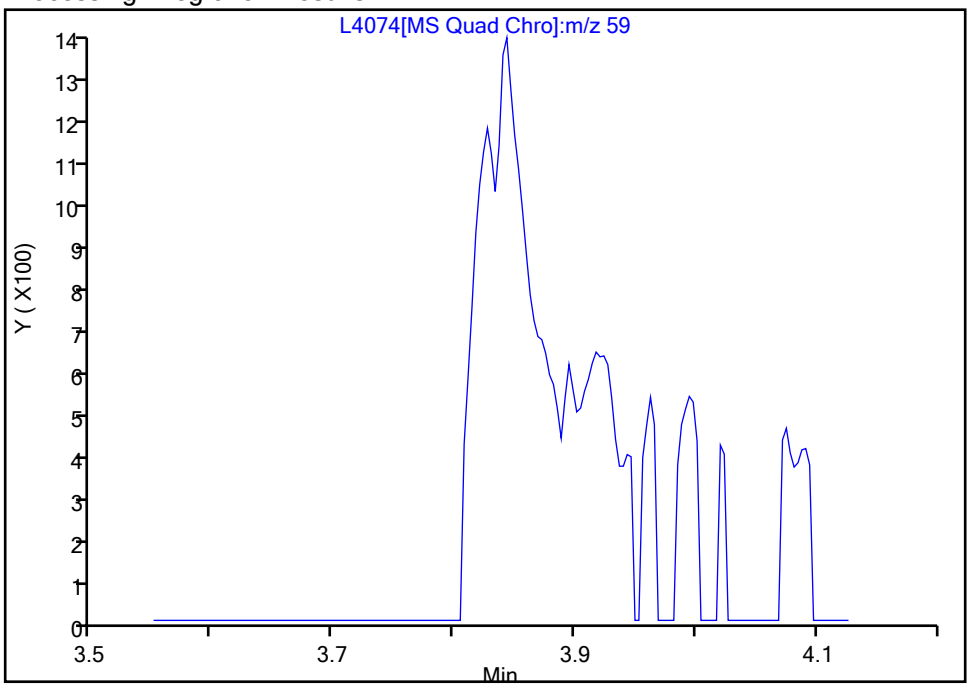
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

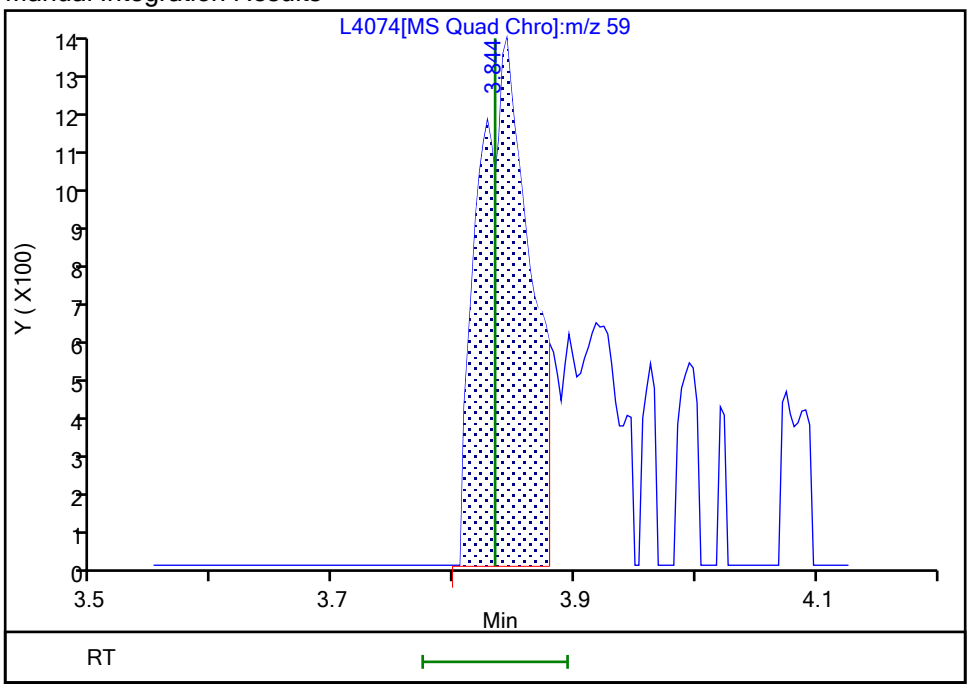
Not Detected
Expected RT: 3.83

Processing Integration Results



Manual Integration Results

RT: 3.84
Area: 4025
Amount: 4.449608
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:25:57
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

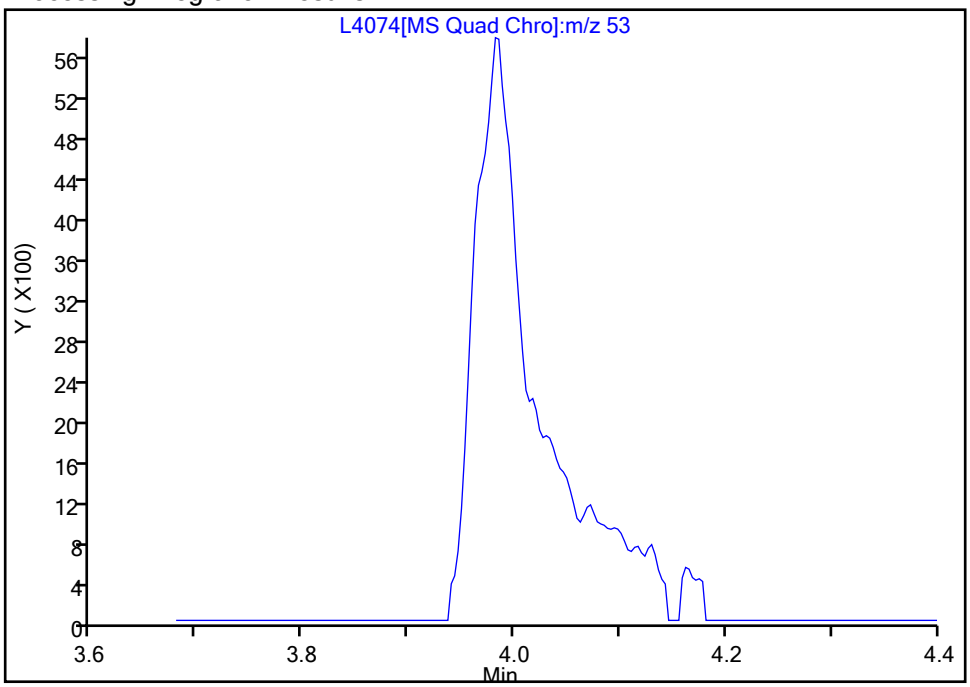
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

44 Acrylonitrile, CAS: 107-13-1

Signal: 1

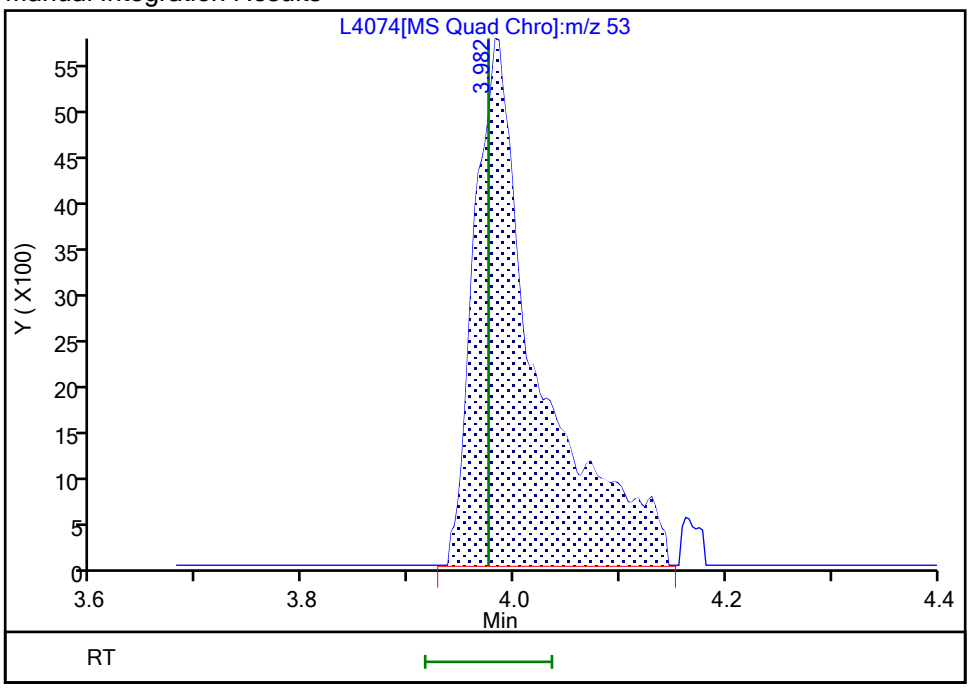
Not Detected
Expected RT: 3.98

Processing Integration Results



Manual Integration Results

RT: 3.98
Area: 24385
Amount: 3.838419
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:25:52
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

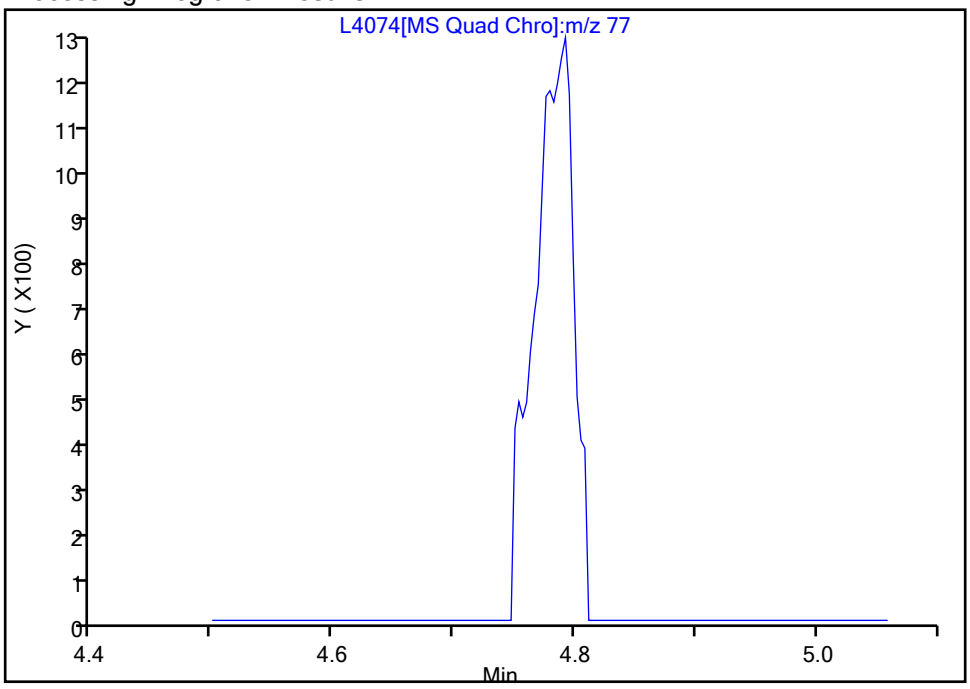
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

56 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

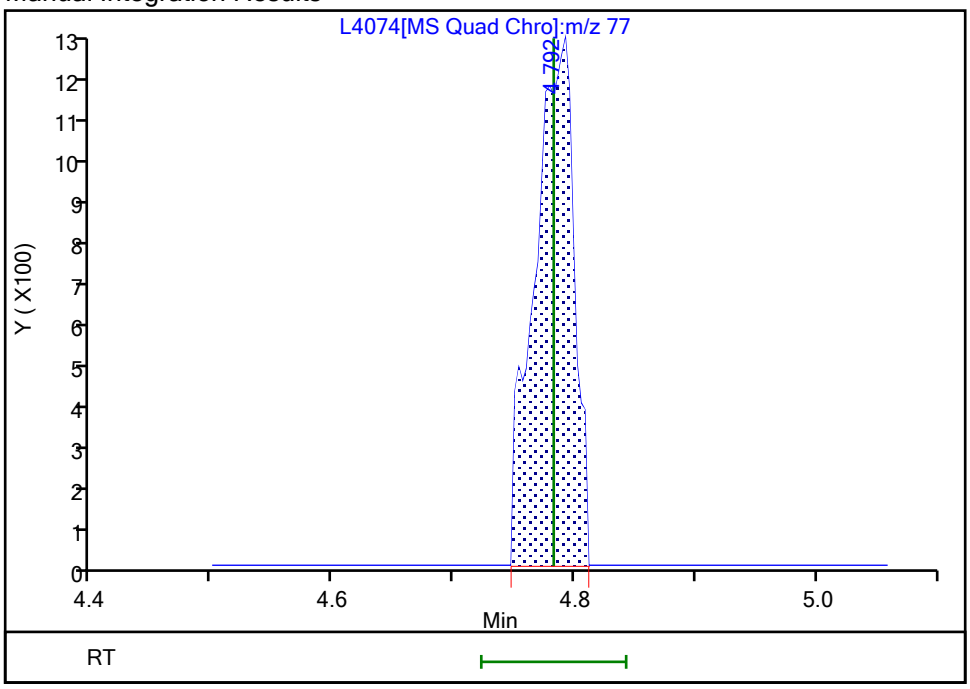
Not Detected
Expected RT: 4.78

Processing Integration Results



Manual Integration Results

RT: 4.79
Area: 2836
Amount: 0.352640
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:25:30
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

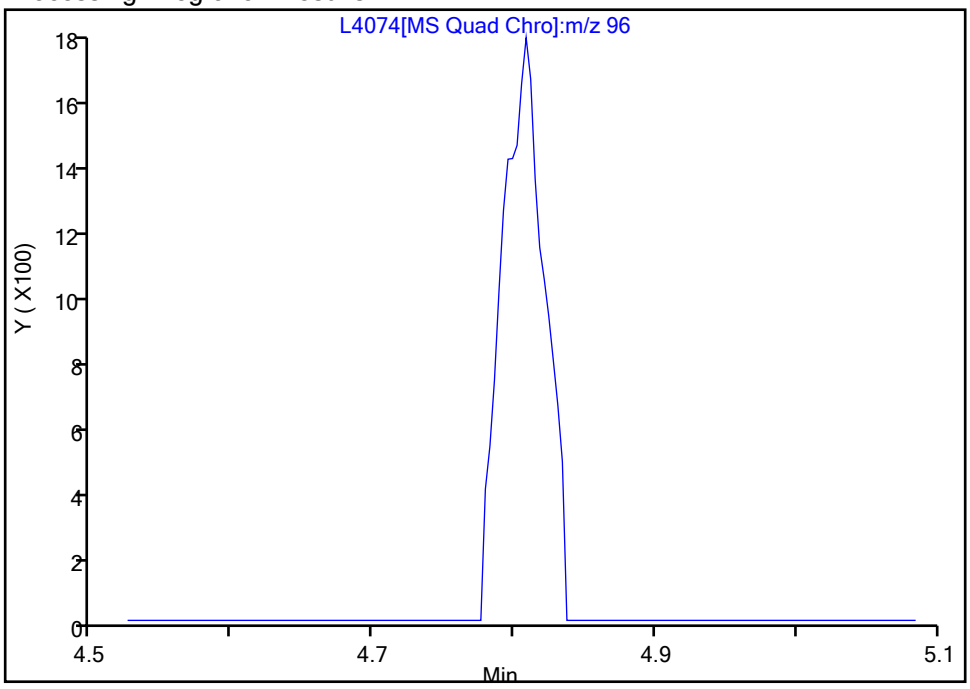
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

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

Signal: 1

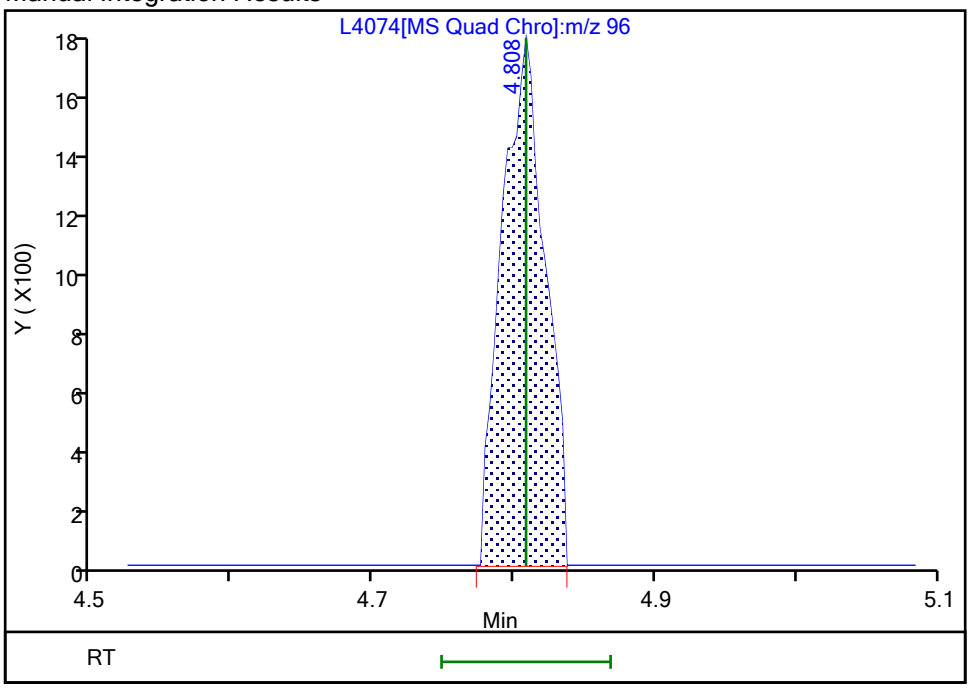
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 3659
Amount: 0.379774
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:25:26
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

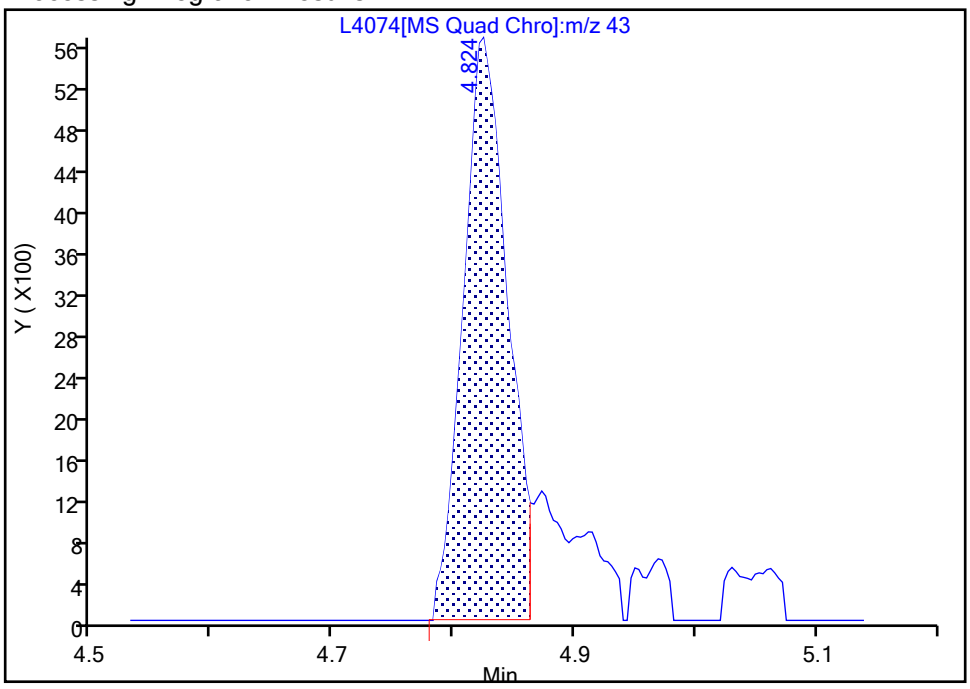
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

57 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

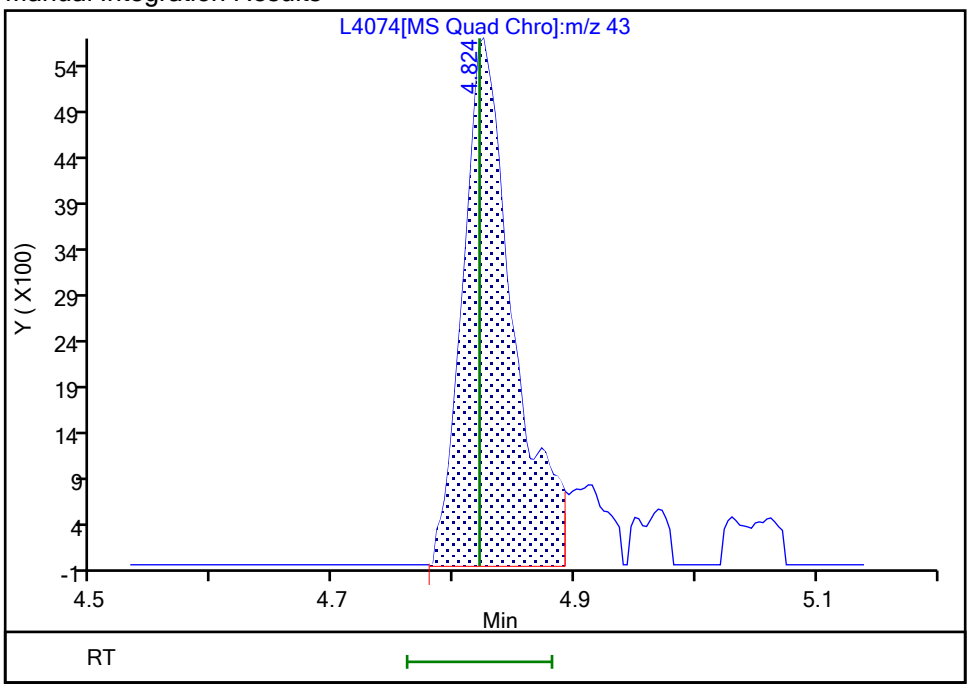
Processing Integration Results

RT: 4.82
Area: 14375
Amount: 1.809018
Amount Units: ug/L



Manual Integration Results

RT: 4.82
Area: 16226
Amount: 2.000865
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:25:20
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

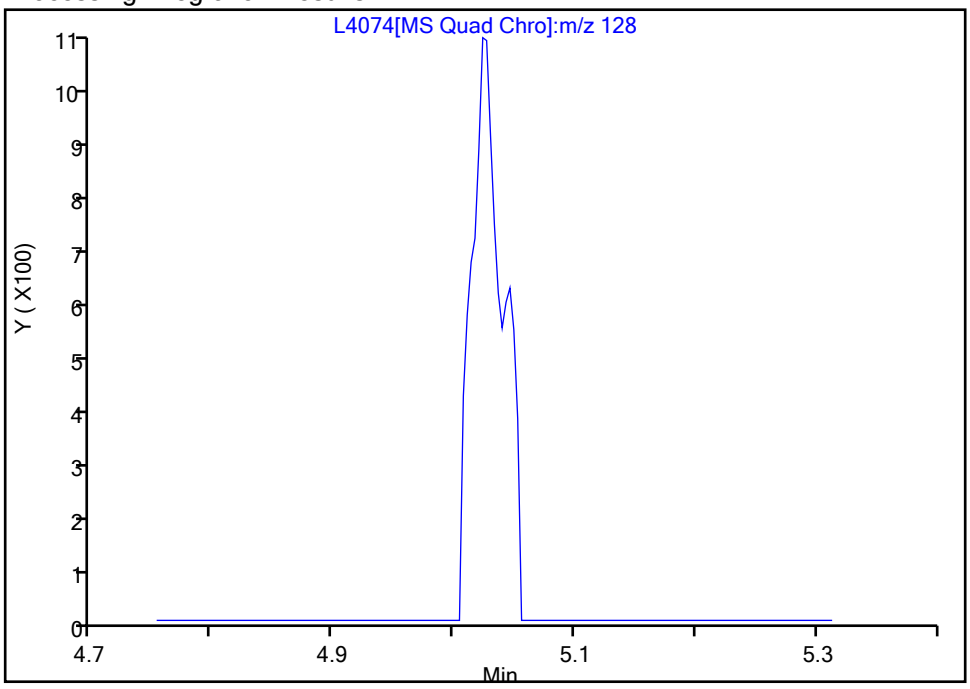
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

60 Chlorobromomethane, CAS: 74-97-5

Signal: 1

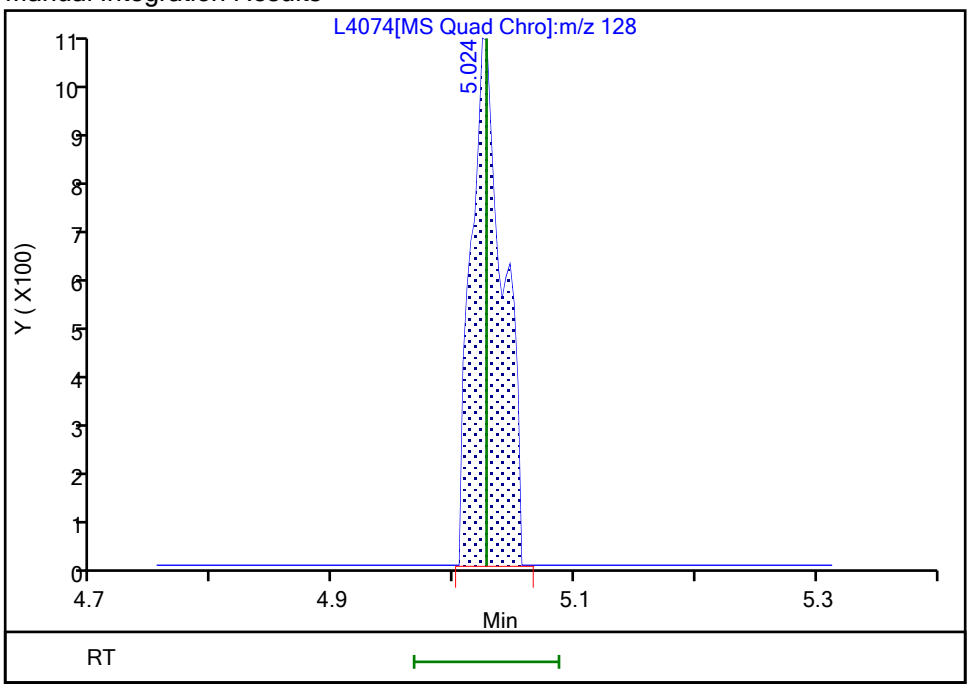
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 1873
Amount: 0.373226
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:46
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

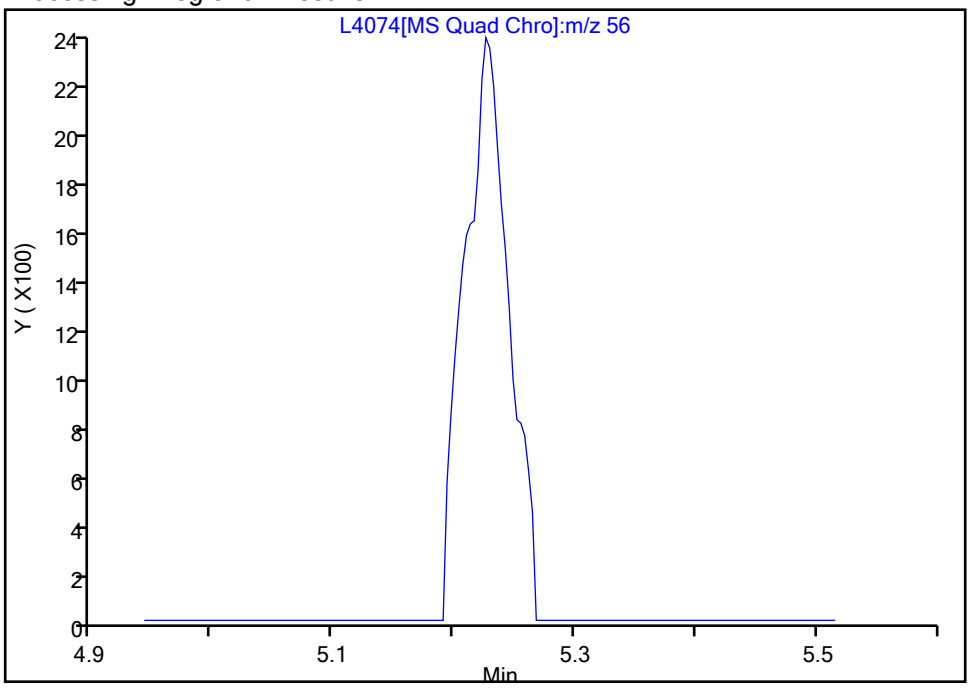
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

65 Cyclohexane, CAS: 110-82-7

Signal: 1

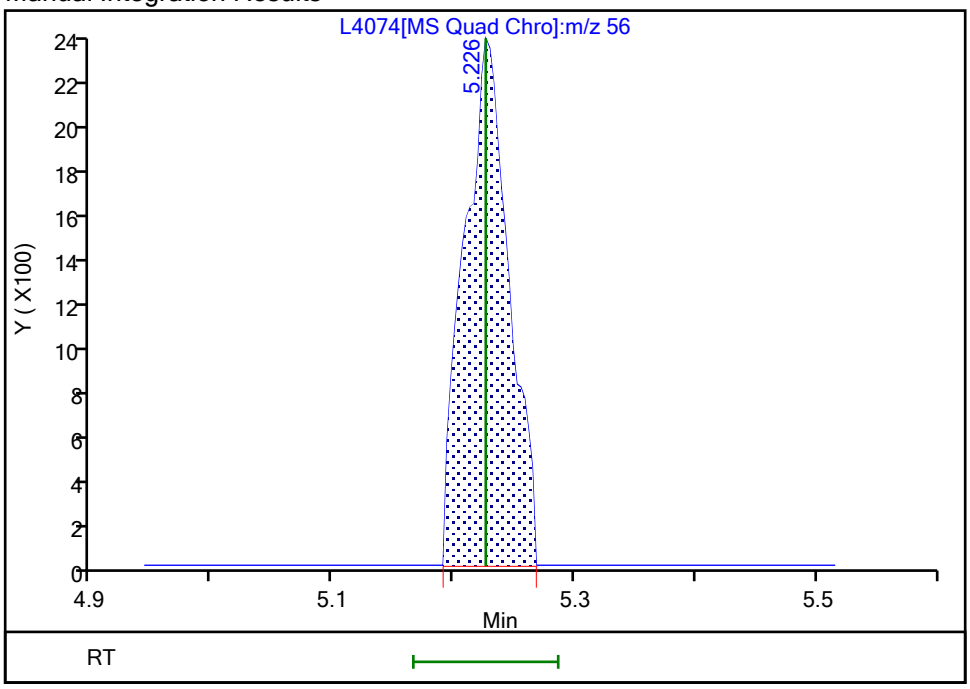
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.23
Area: 6125
Amount: 0.416019
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:35
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

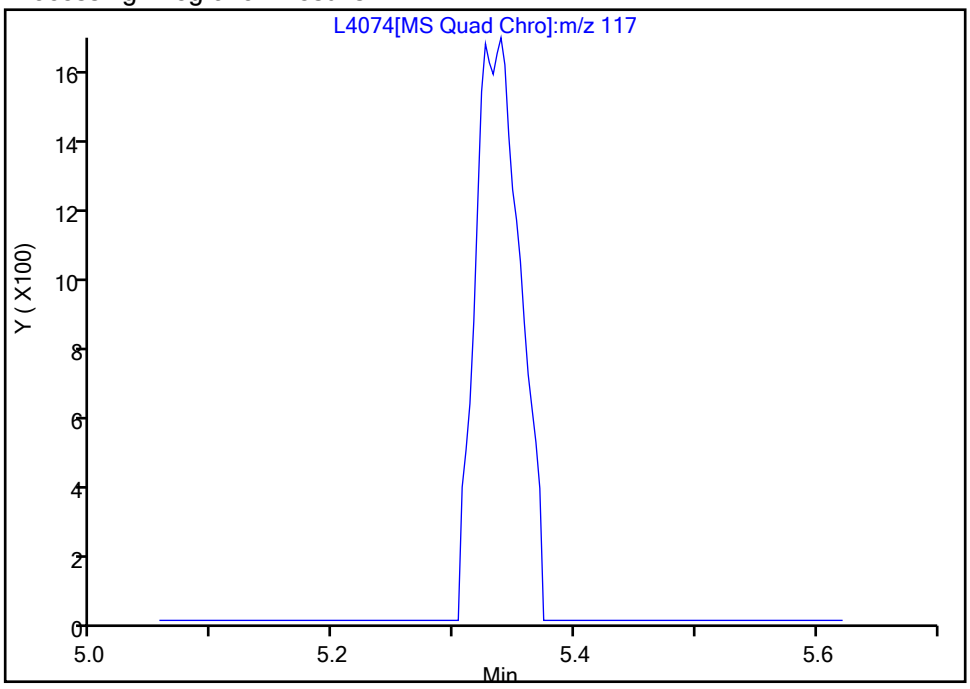
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

66 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

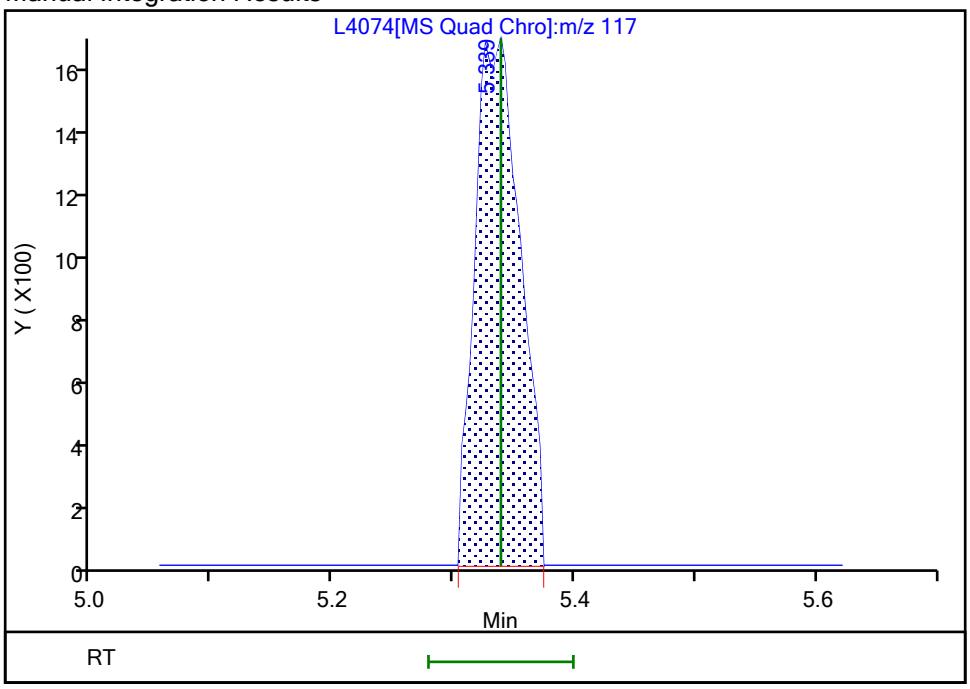
Not Detected
Expected RT: 5.34

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 4207
Amount: 0.387495
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:28
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

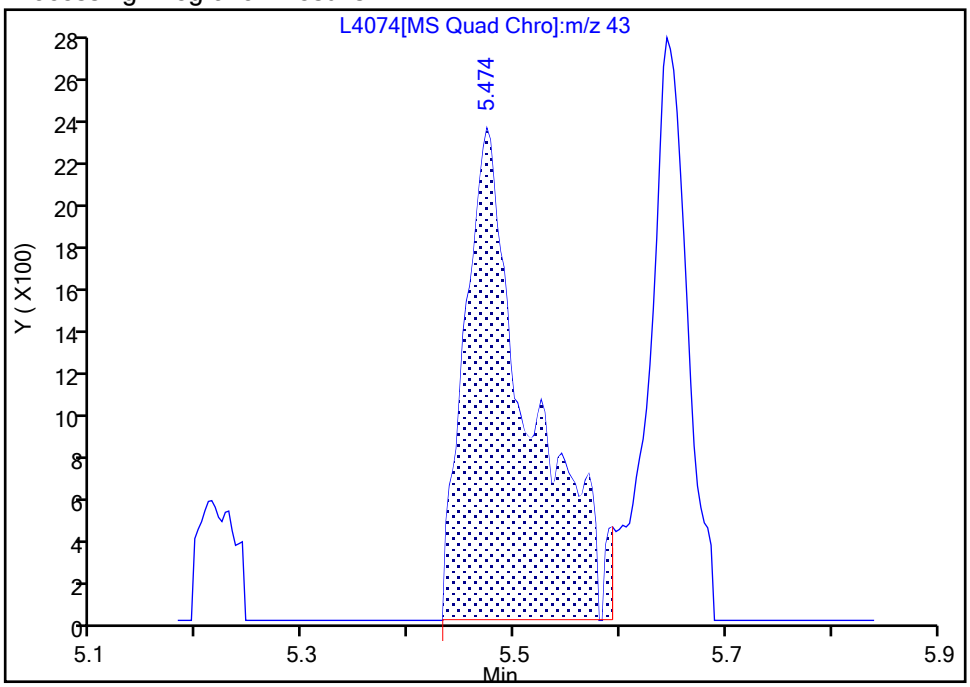
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

69 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

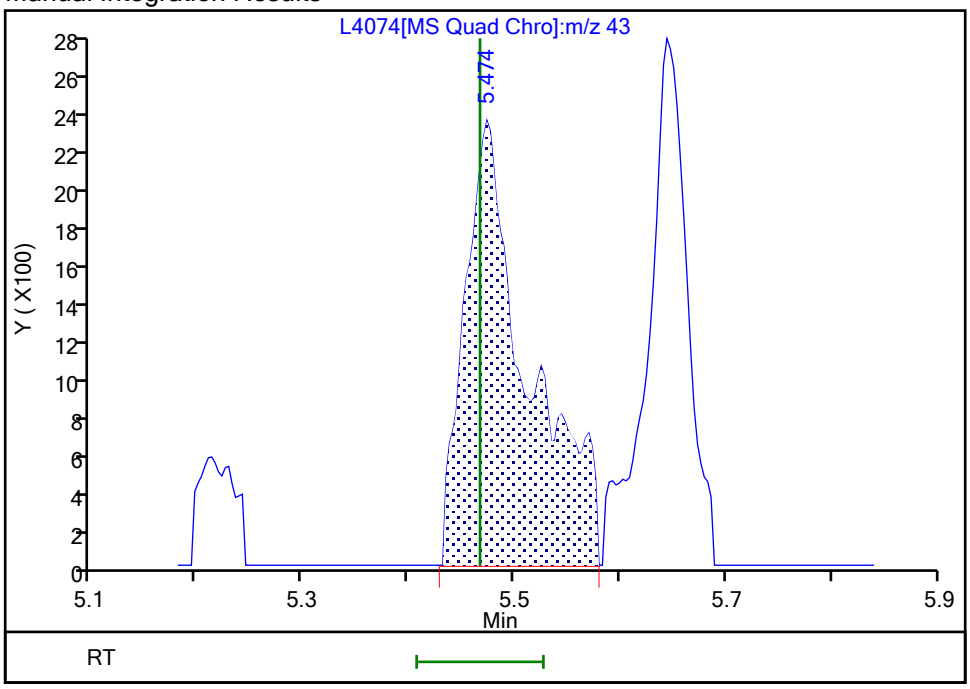
Processing Integration Results

RT: 5.47
Area: 10073
Amount: 11.390477
Amount Units: ug/L



Manual Integration Results

RT: 5.47
Area: 9834
Amount: 11.451753
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:24
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

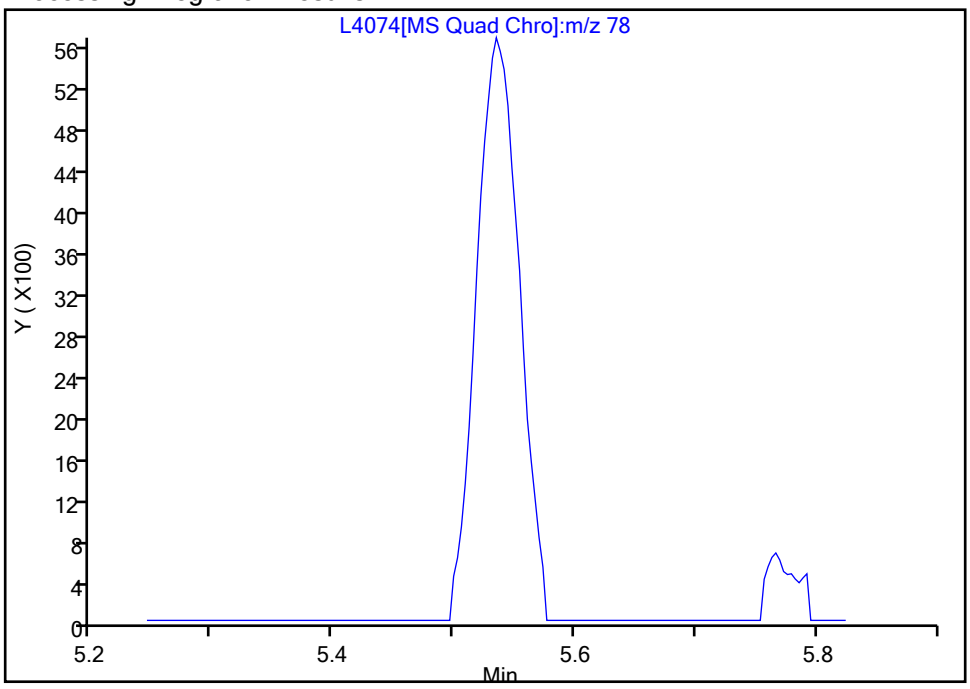
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

70 Benzene, CAS: 71-43-2

Signal: 1

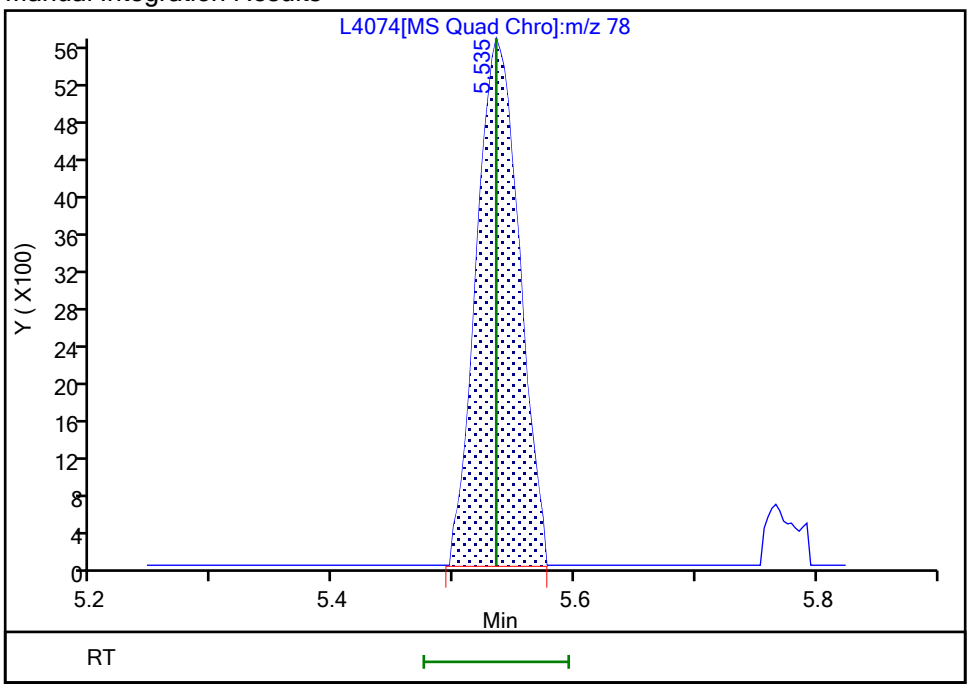
Not Detected
Expected RT: 5.53

Processing Integration Results



Manual Integration Results

RT: 5.53
Area: 14000
Amount: 0.412150
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:10
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

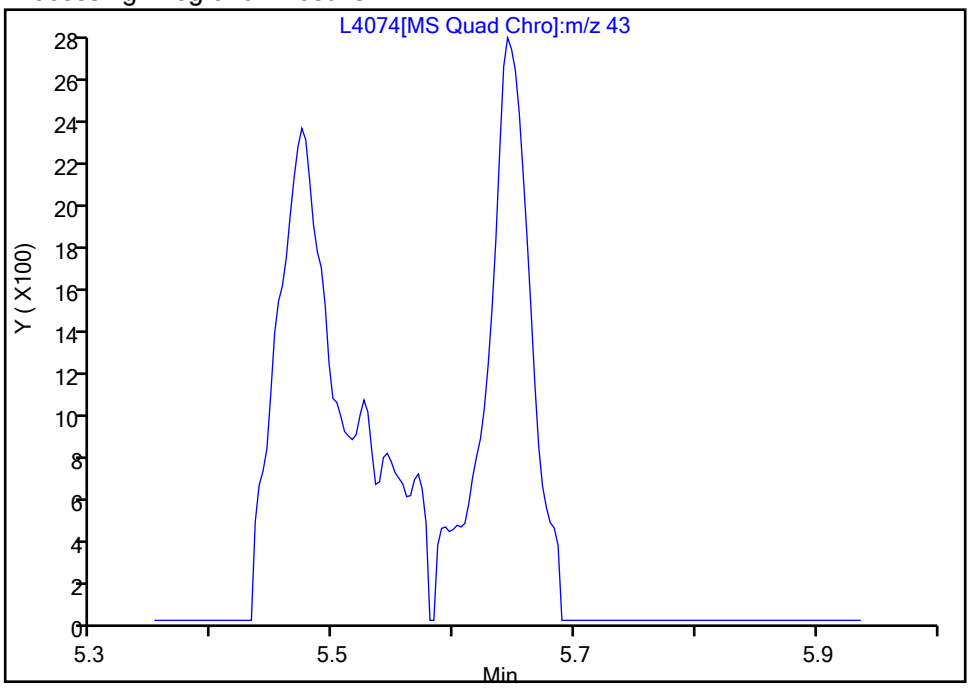
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

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

Signal: 1

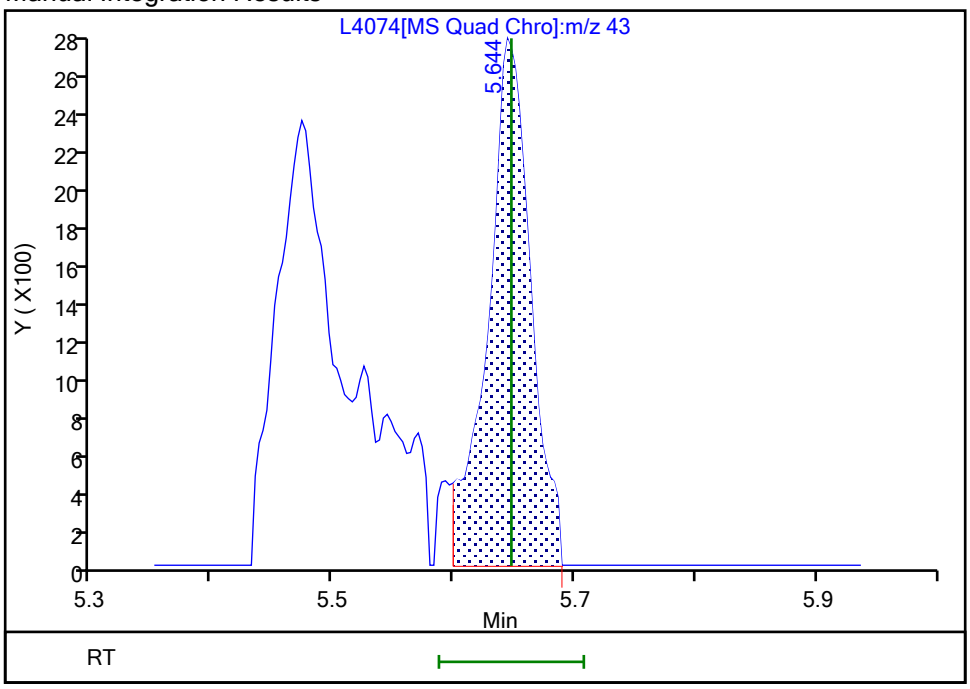
Not Detected
Expected RT: 5.65

Processing Integration Results



Manual Integration Results

RT: 5.64
Area: 6876
Amount: 0.505924
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:05
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

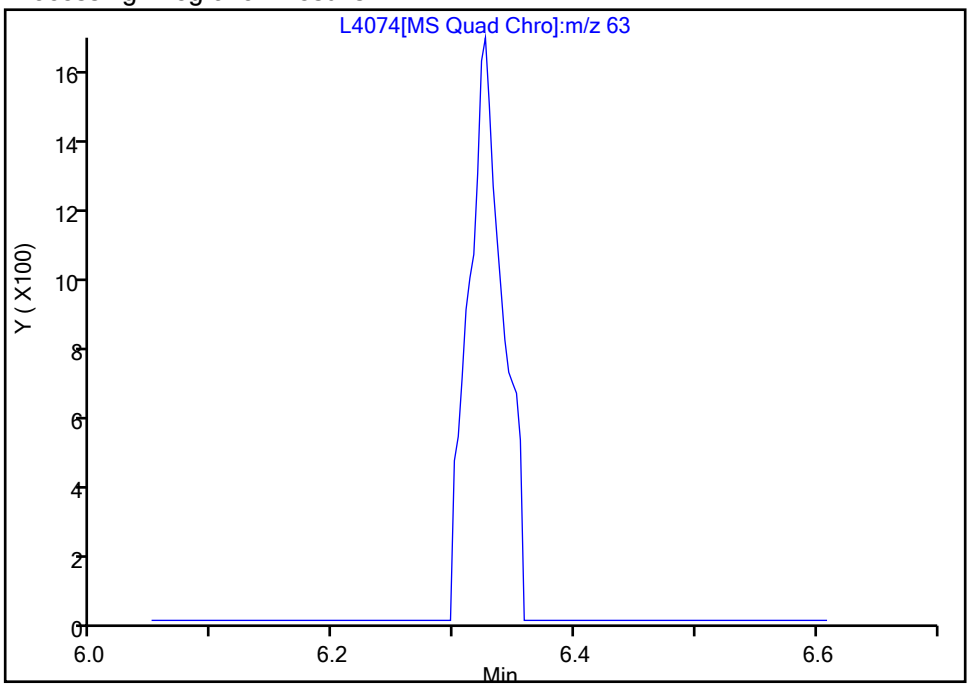
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

77 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

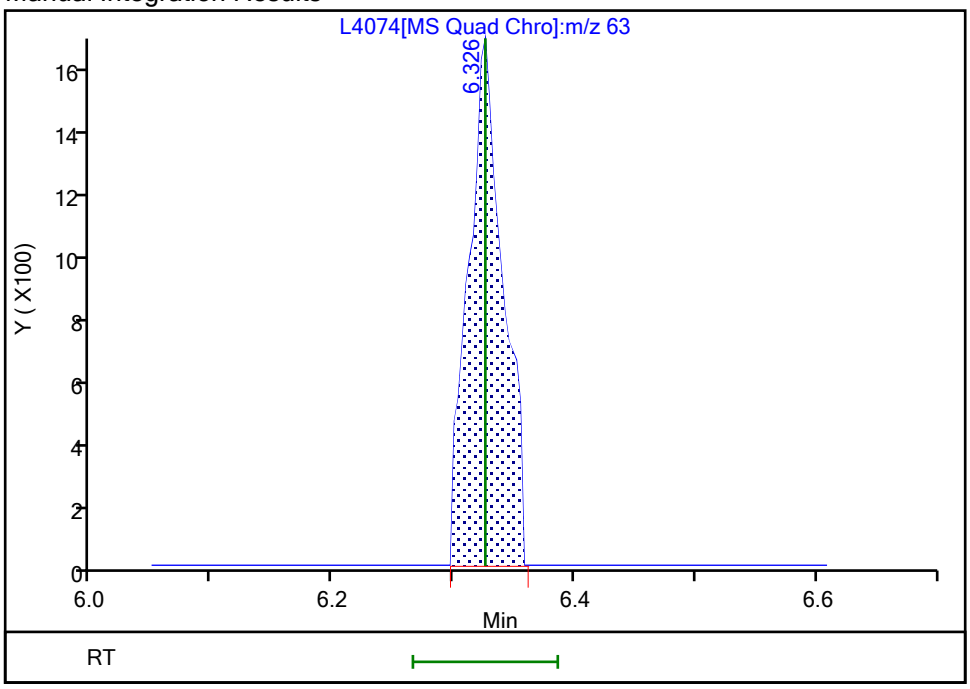
Not Detected
Expected RT: 6.33

Processing Integration Results



Manual Integration Results

RT: 6.33
Area: 3221
Amount: 0.354274
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:24:00
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

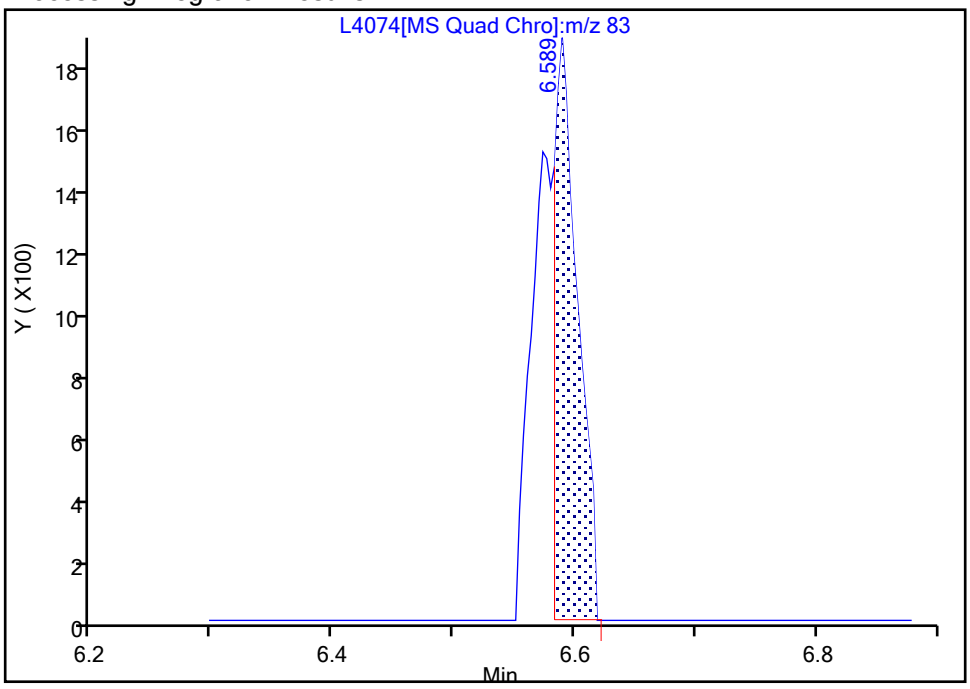
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

83 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

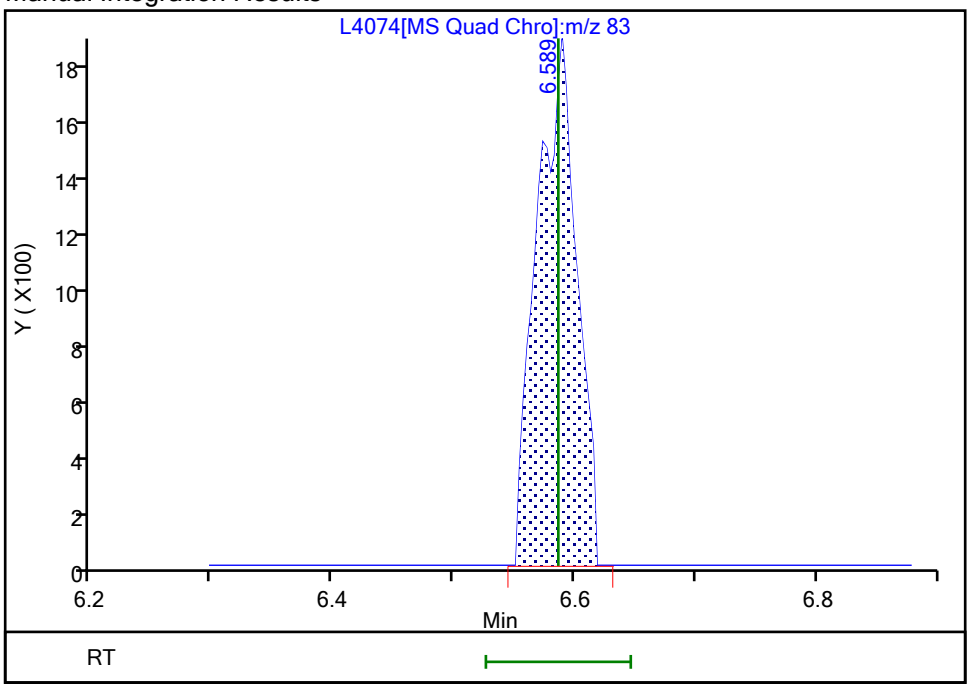
Processing Integration Results

RT: 6.59
Area: 2499
Amount: 0.355954
Amount Units: ug/L



Manual Integration Results

RT: 6.59
Area: 4350
Amount: 0.389025
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:52
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

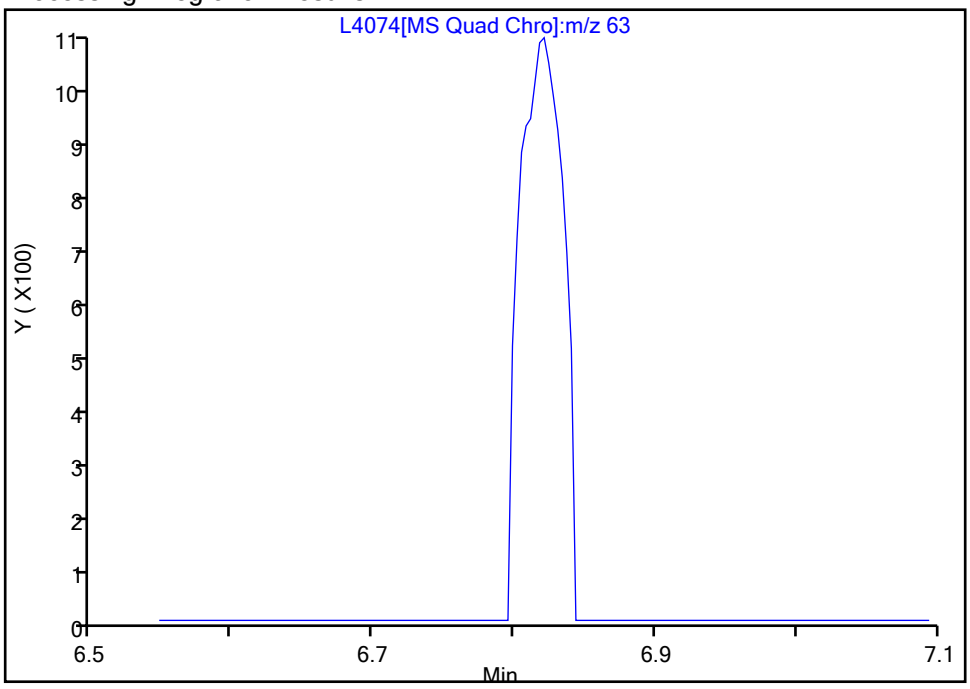
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

84 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

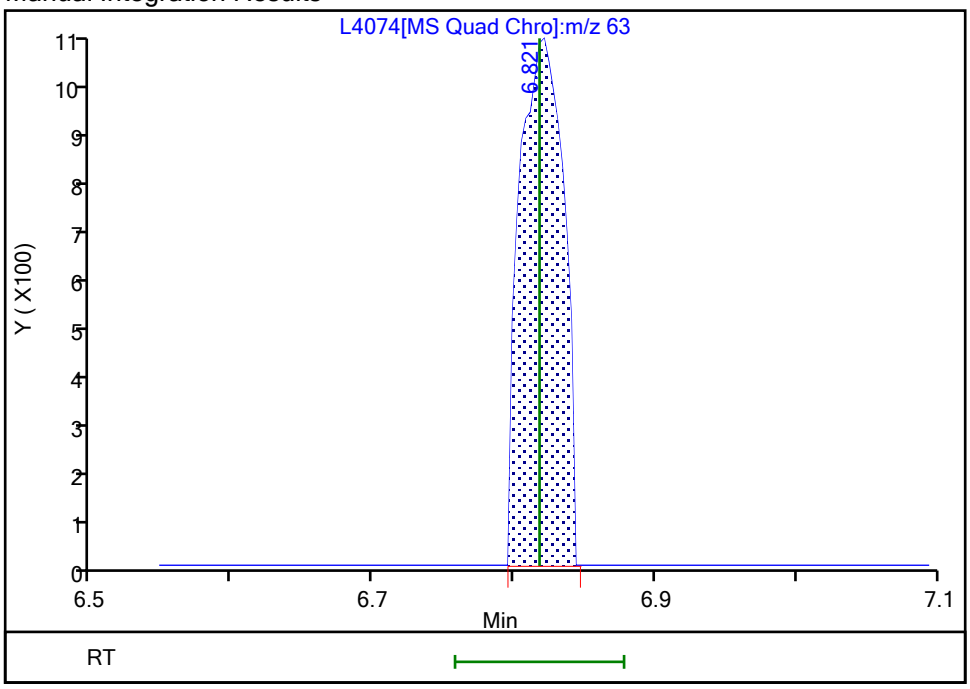
Not Detected
Expected RT: 6.82

Processing Integration Results



Manual Integration Results

RT: 6.82
Area: 2236
Amount: 0.308283
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:38
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

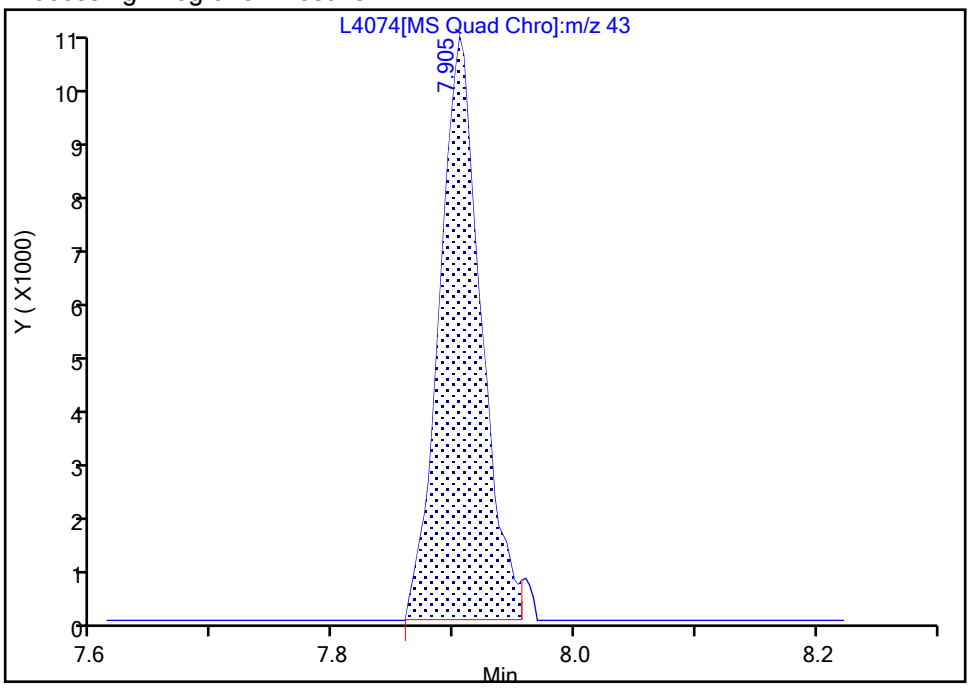
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

96 2-Hexanone, CAS: 591-78-6

Signal: 1

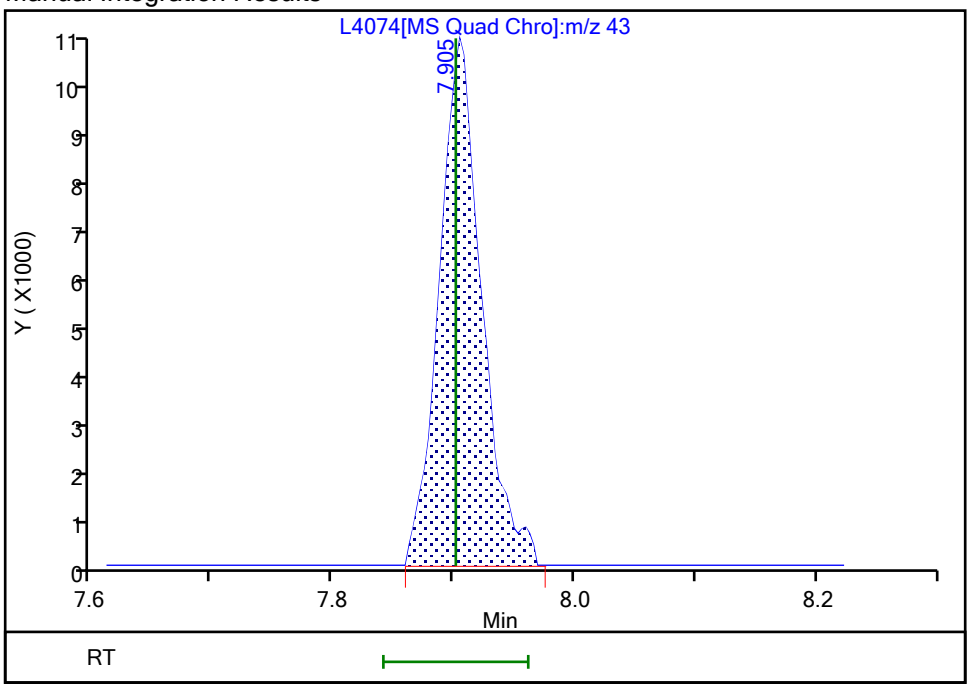
Processing Integration Results

RT: 7.90
Area: 24929
Amount: 2.155865
Amount Units: ug/L



Manual Integration Results

RT: 7.90
Area: 25275
Amount: 2.182364
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:29
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

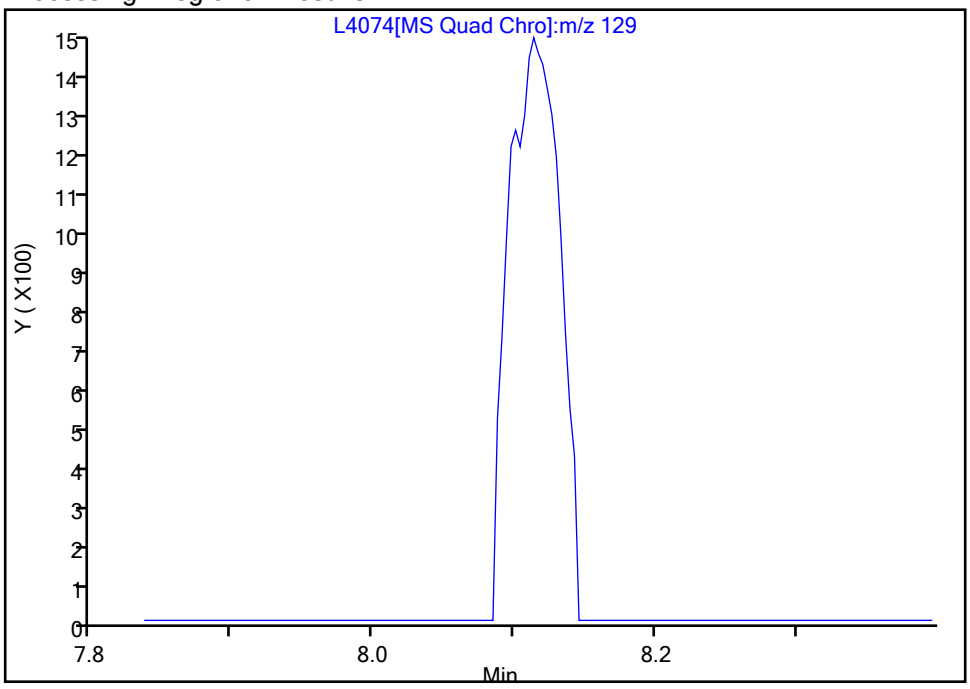
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

98 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

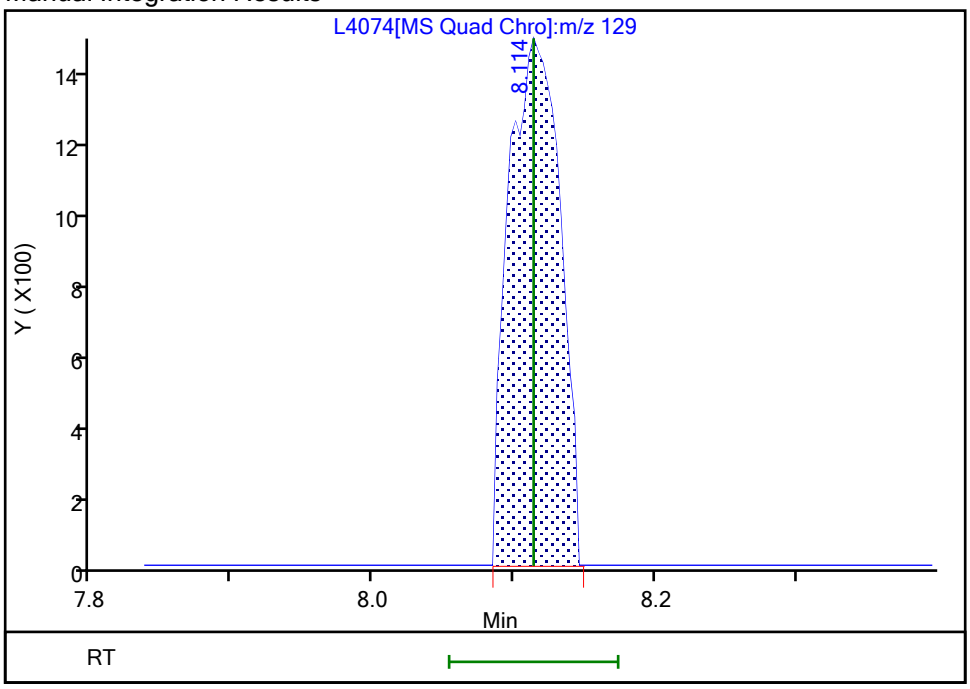
Not Detected
Expected RT: 8.11

Processing Integration Results



Manual Integration Results

RT: 8.11
Area: 3647
Amount: 0.392369
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:17
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

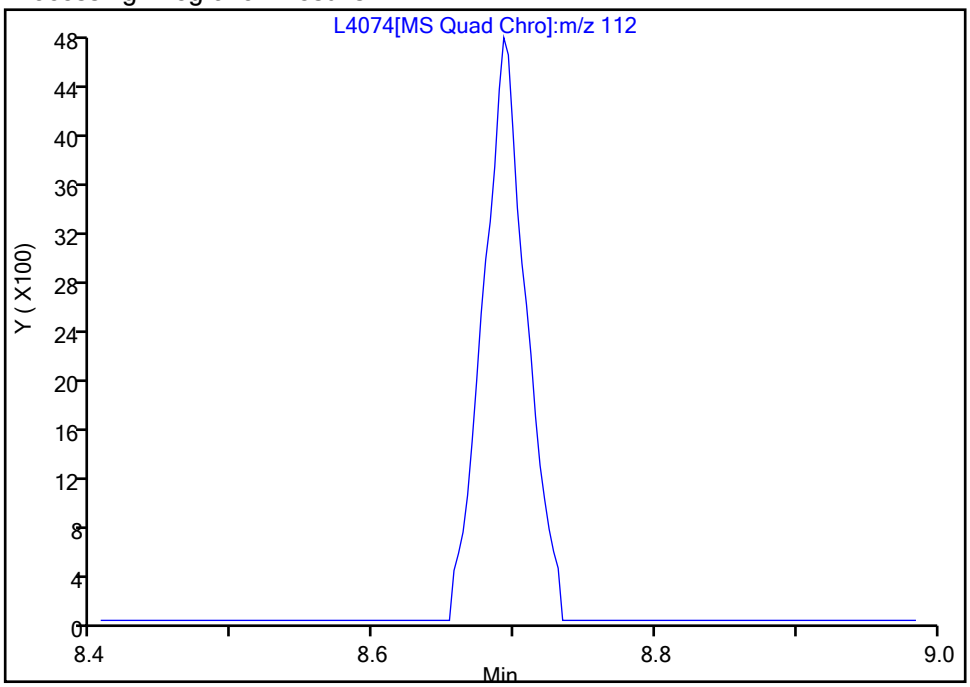
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

103 Chlorobenzene, CAS: 108-90-7

Signal: 1

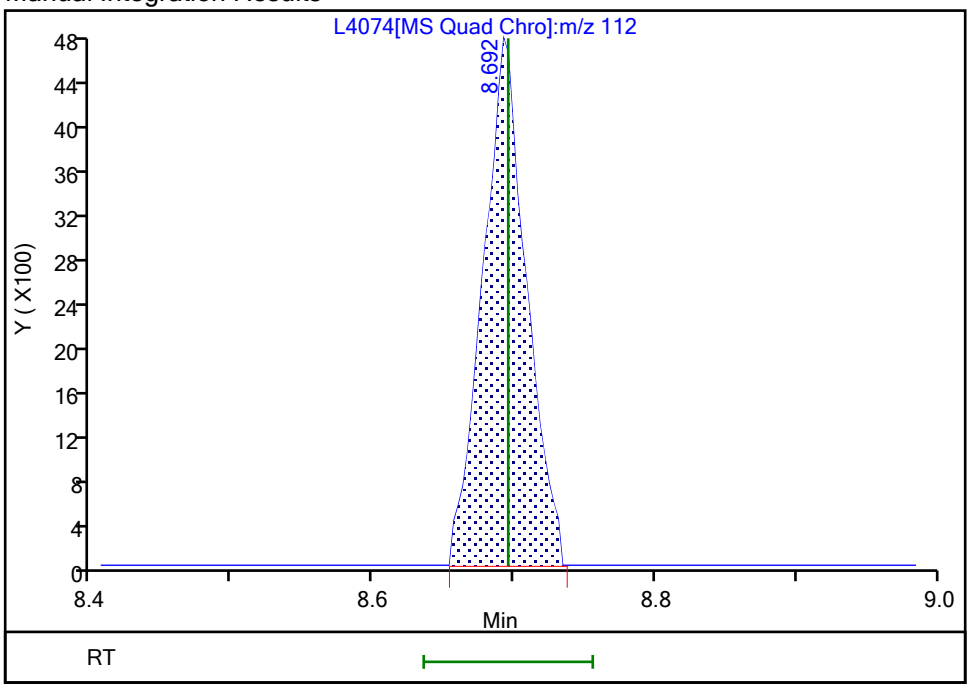
Not Detected
Expected RT: 8.70

Processing Integration Results



Manual Integration Results

RT: 8.69
Area: 10261
Amount: 0.414057
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:11
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

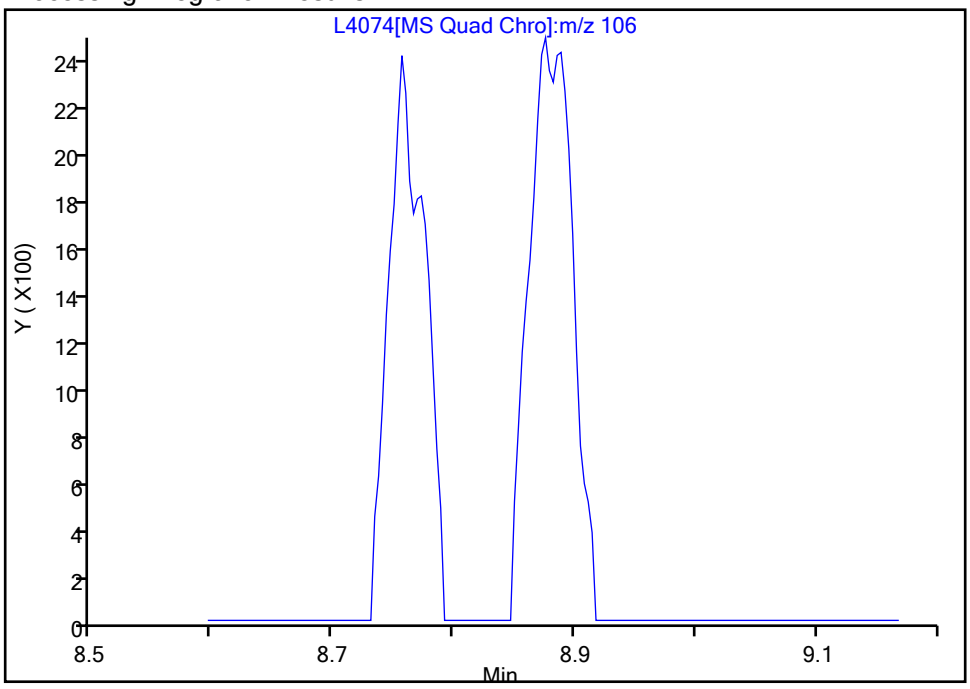
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

106 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

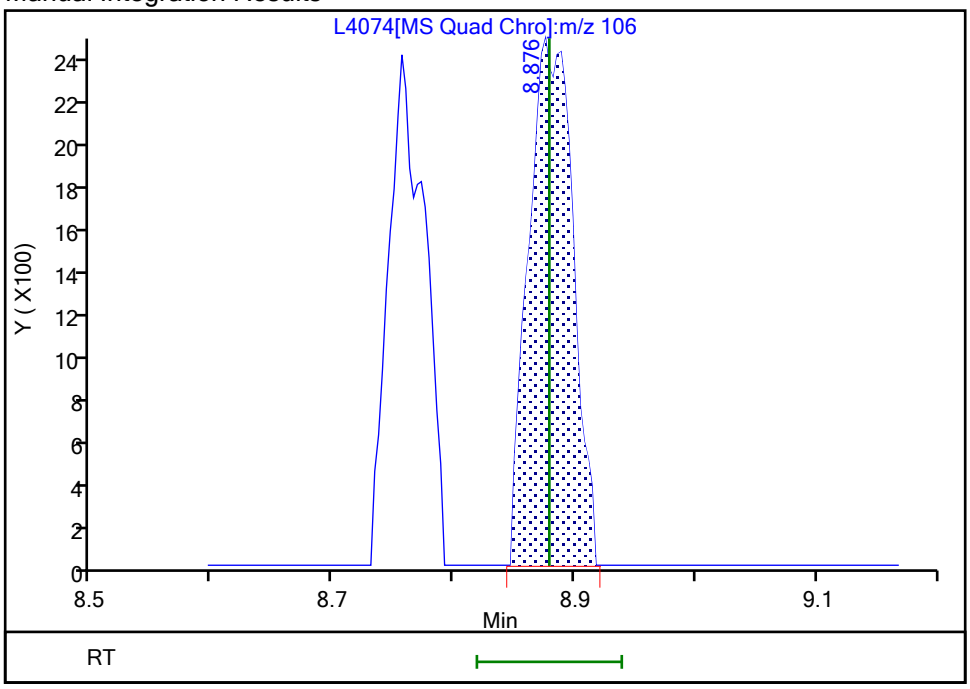
Not Detected
Expected RT: 8.88

Processing Integration Results



Manual Integration Results

RT: 8.88
Area: 6299
Amount: 0.401925
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:23:03
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

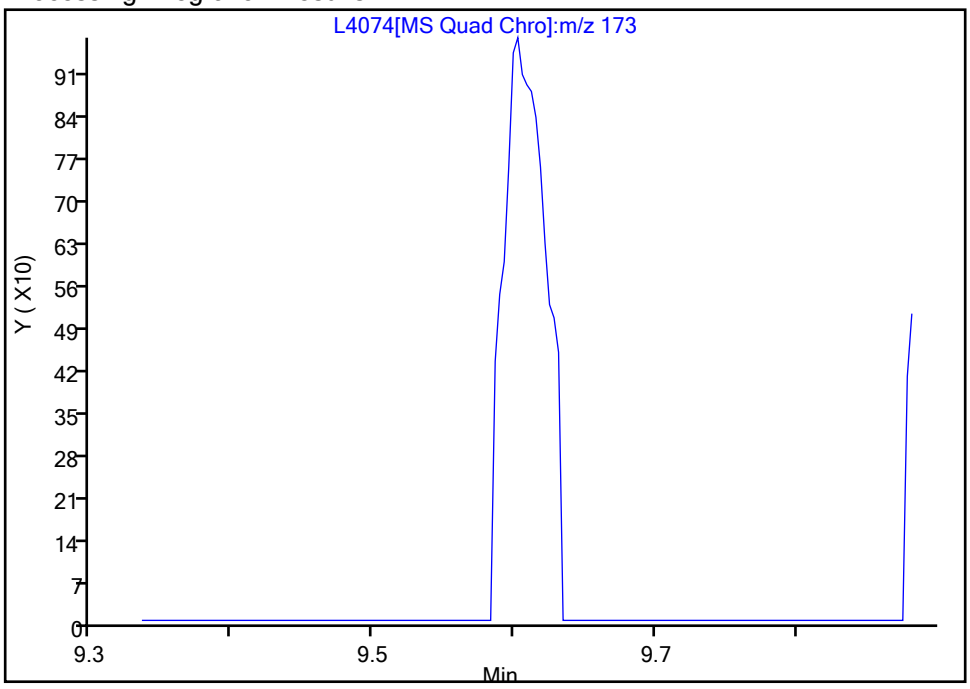
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

110 Bromoform, CAS: 75-25-2

Signal: 1

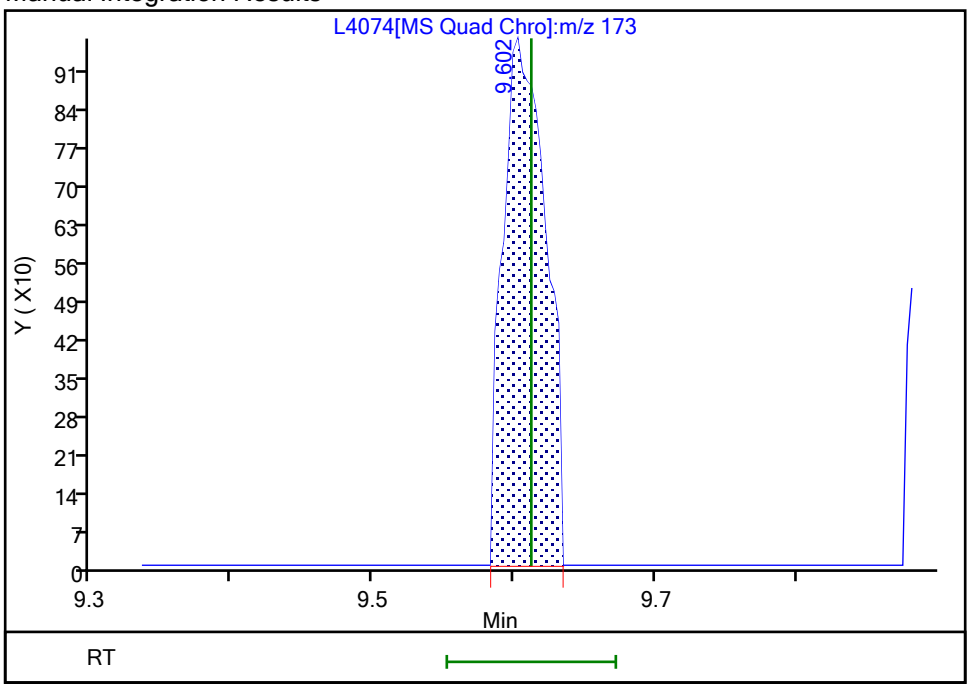
Not Detected
Expected RT: 9.61

Processing Integration Results



Manual Integration Results

RT: 9.60
Area: 2037
Amount: 0.313581
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:22:58
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

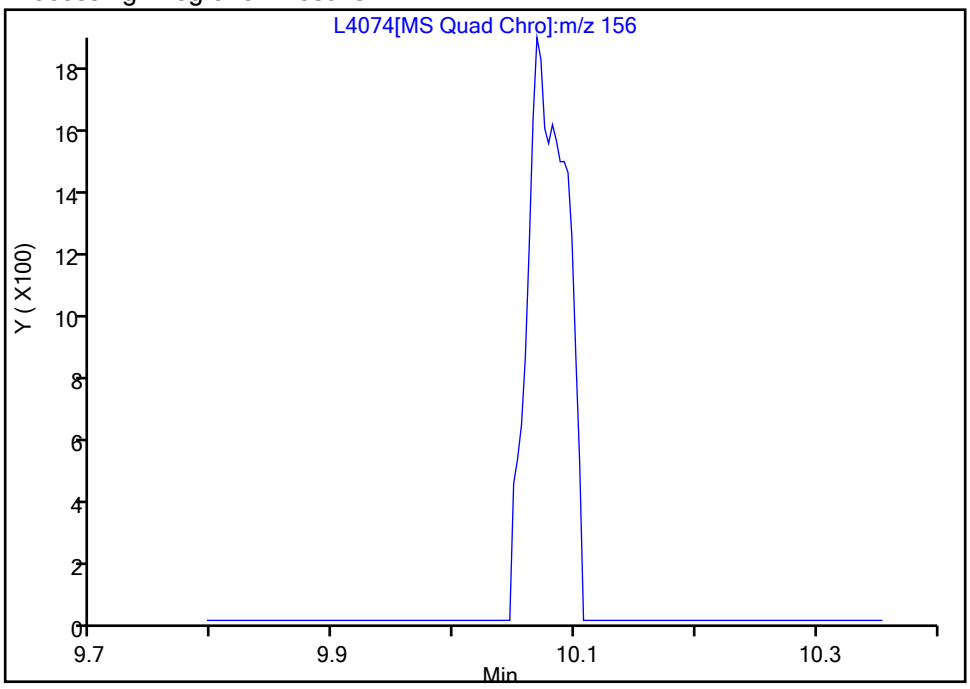
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

113 Bromobenzene, CAS: 108-86-1

Signal: 1

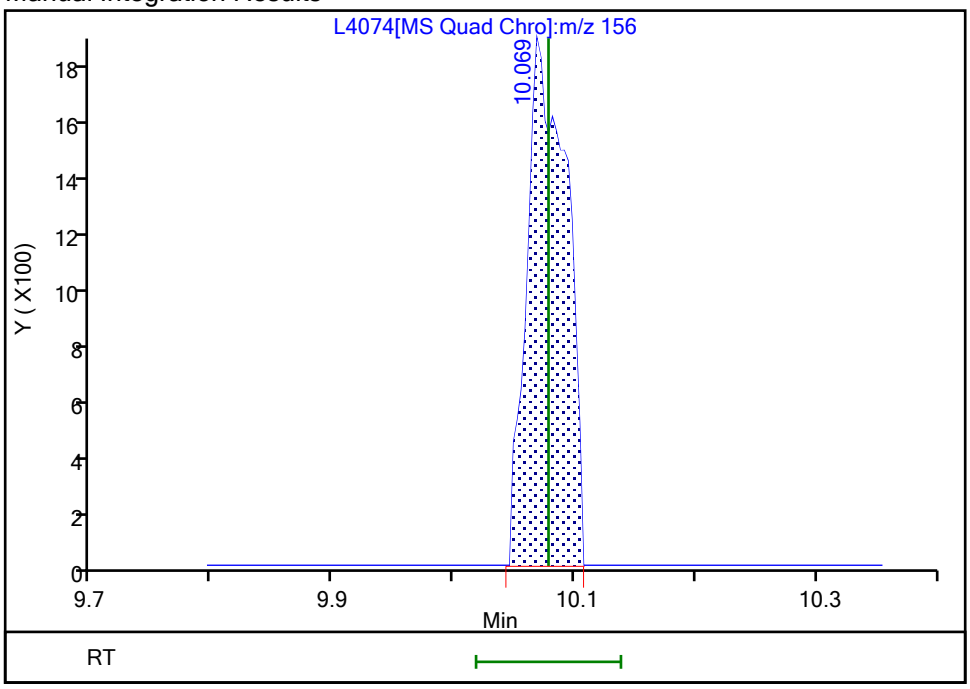
Not Detected
Expected RT: 10.08

Processing Integration Results



Manual Integration Results

RT: 10.07
Area: 4190
Amount: 0.396219
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:22:54
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

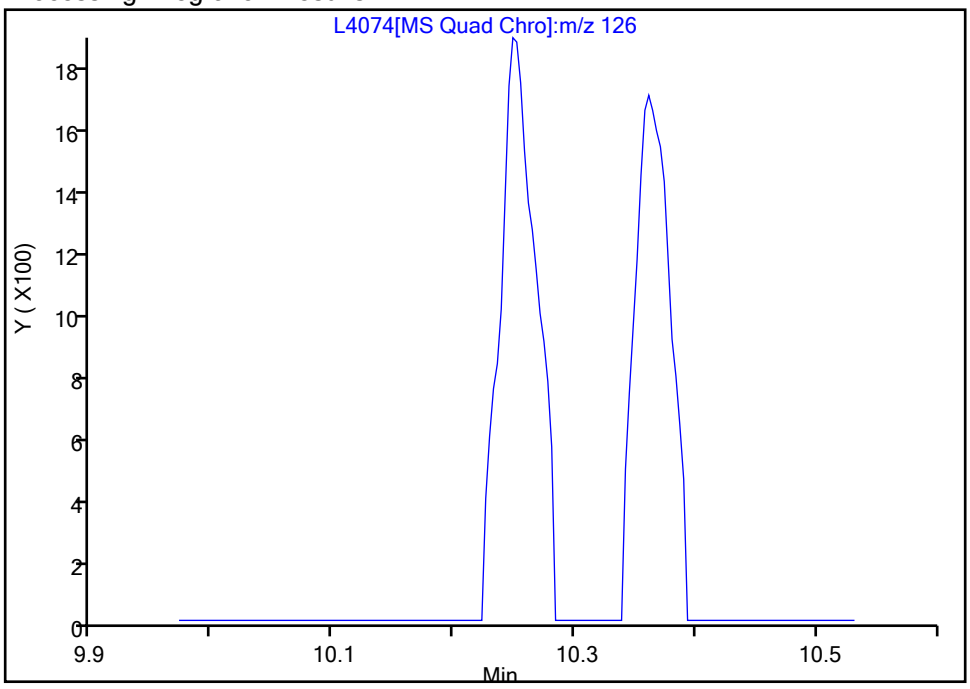
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

117 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

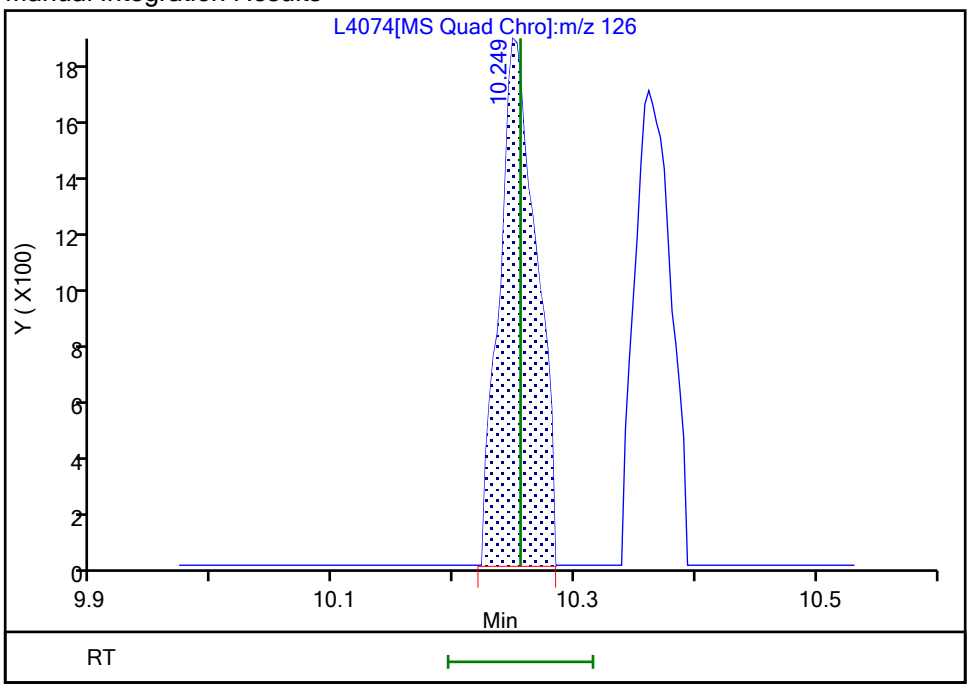
Not Detected
Expected RT: 10.25

Processing Integration Results



Manual Integration Results

RT: 10.25
Area: 3936
Amount: 0.399380
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:22:38
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

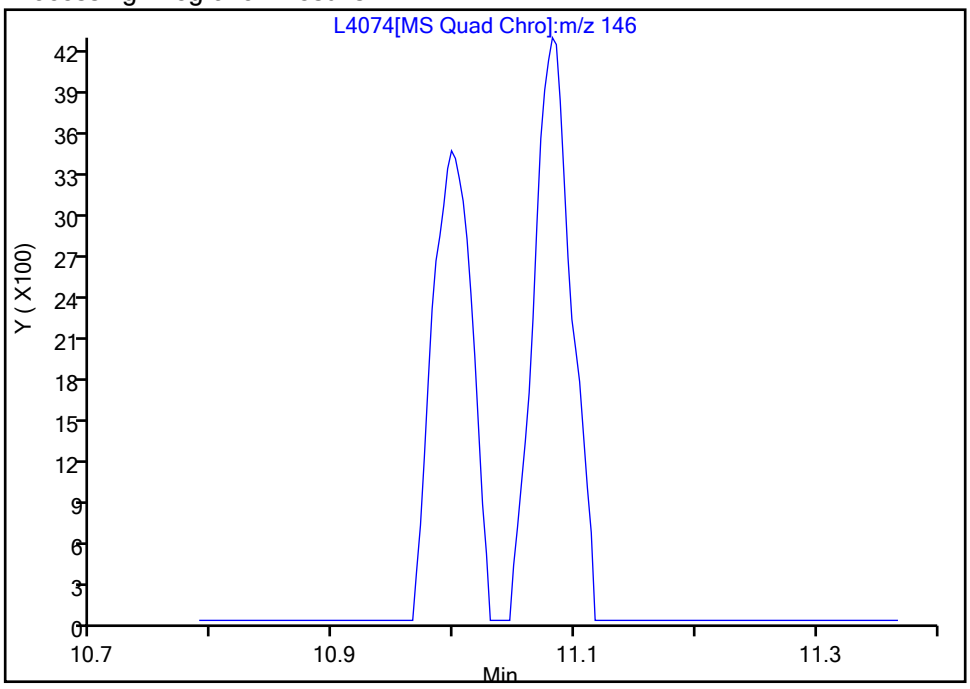
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4074.D
Injection Date: 17-Apr-2023 15:24:55 Instrument ID: HP5977L
Lims ID: IC 0.4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

126 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

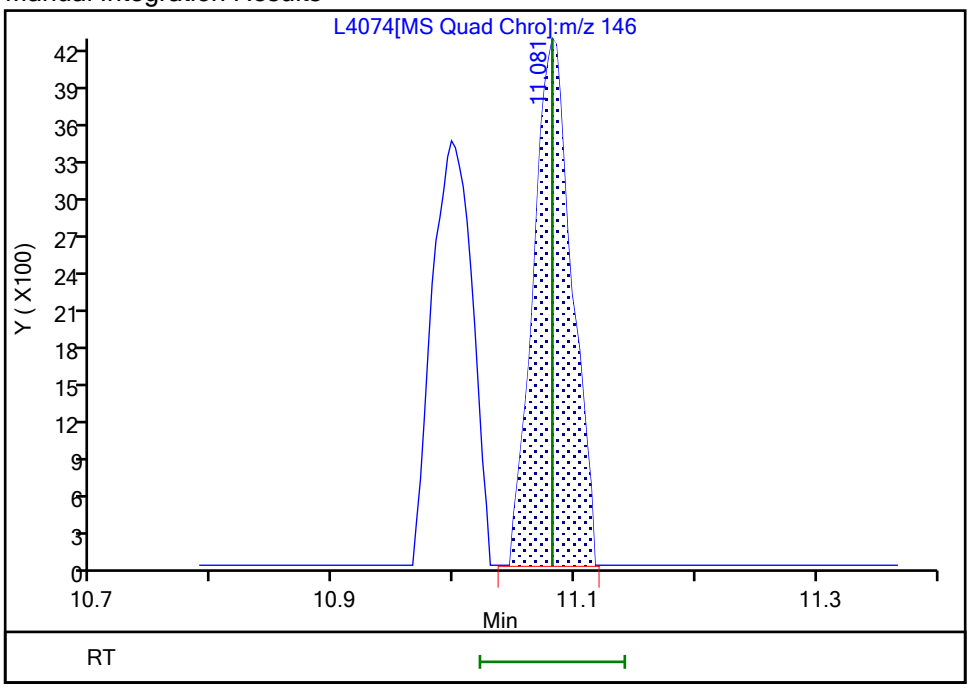
Not Detected
Expected RT: 11.08

Processing Integration Results



Manual Integration Results

RT: 11.08
Area: 9398
Amount: 0.450927
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:22:23
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2023 15:49:00 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 480-0111151-014
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:04 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:31:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.772	5.773	-0.001	99	144492	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	86	570413	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.058	11.059	-0.001	96	282485	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	93	226844	25.0	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.522	5.525	-0.003	98	260635	25.0	25.5	
$ 6 Toluene-d8 (Surr)	98	7.203	7.200	0.003	93	834058	25.0	26.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.907	9.908	-0.001	98	233685	25.0	25.8	
10 Dichlorodifluoromethane	85	1.792	1.789	0.003	92	8746	1.00	1.02	
13 Chloromethane	50	2.020	2.024	-0.004	94	14279	1.00	1.11	
14 Vinyl chloride	62	2.129	2.133	-0.004	54	11026	1.00	1.05	
15 Butadiene	54	2.146	2.152	-0.006	89	13864	1.00	1.23	
18 Bromomethane	94	2.496	2.506	-0.010	78	7133	1.00	1.08	
19 Chloroethane	64	2.557	2.564	-0.007	97	7569	1.00	1.14	a
20 Dichlorofluoromethane	67	2.782	2.786	-0.004	95	14480	1.00	1.07	
21 Trichlorofluoromethane	101	2.798	2.802	-0.004	93	11167	1.00	0.9774	
26 Ethyl ether	59	3.030	3.030	0.000	95	9521	1.00	1.06	
28 Acrolein	56	3.210	3.220	-0.010	90	3220	5.00	3.95	a
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.242	3.245	-0.003	85	7728	1.00	1.14	
30 1,1-Dichloroethene	96	3.268	3.274	-0.006	93	7738	1.00	1.07	
31 Acetone	43	3.364	3.358	0.006	97	18875	5.00	4.72	M
33 Iodomethane	142	3.451	3.451	0.000	96	14833	1.00	1.06	
35 Carbon disulfide	76	3.486	3.496	-0.010	98	24711	1.00	1.14	
37 3-Chloro-1-propene	41	3.586	3.589	-0.003	87	16333	1.00	1.07	
38 Methyl acetate	43	3.618	3.615	0.003	99	26517	2.00	2.07	M
39 Methylene Chloride	84	3.727	3.741	-0.014	95	9755	1.00	1.12	
40 2-Methyl-2-propanol	59	3.840	3.834	0.006	95	9234	10.0	10.3	
41 Methyl tert-butyl ether	73	3.901	3.901	0.000	98	26556	1.00	1.01	
42 trans-1,2-Dichloroethene	96	3.930	3.930	0.000	96	9507	1.00	1.09	
44 Acrylonitrile	53	3.975	3.975	0.000	98	65725	10.0	10.5	
47 Hexane	57	4.088	4.088	0.000	94	11332	1.00	0.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.309	4.307	0.002	95	16407	1.00	1.06	
49 Vinyl acetate	43	4.326	4.323	0.003	98	45126	2.00	2.00	
56 2,2-Dichloropropane	77	4.779	4.782	-0.003	91	9105	1.00	1.14	
58 cis-1,2-Dichloroethene	96	4.811	4.808	0.003	79	10643	1.00	1.12	a
57 2-Butanone (MEK)	43	4.824	4.821	0.003	99	38903	5.00	4.85	M
60 Chlorobromomethane	128	5.023	5.027	-0.004	76	4821	1.00	0.9709	
61 Tetrahydrofuran	42	5.046	5.049	-0.003	88	11403	2.00	2.10	M
62 Chloroform	83	5.078	5.078	0.000	94	15854	1.00	1.07	
64 1,1,1-Trichloroethane	97	5.203	5.210	-0.007	95	12806	1.00	1.05	
65 Cyclohexane	56	5.219	5.226	-0.007	35	15914	1.00	1.09	
66 Carbon tetrachloride	117	5.342	5.339	0.003	83	11895	1.00	1.11	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	91	11835	1.00	1.08	
69 Isobutyl alcohol	43	5.464	5.467	-0.003	98	21769	25.0	25.6	M
70 Benzene	78	5.538	5.535	0.003	94	37847	1.00	1.13	
72 1,2-Dichloroethane	62	5.592	5.589	0.003	94	14605	1.00	1.13	
73 n-Heptane	43	5.647	5.647	0.000	95	14705	1.00	1.09	
75 Trichloroethene	95	6.091	6.091	0.000	94	9554	1.00	1.09	
76 Methylcyclohexane	83	6.219	6.213	0.006	95	11736	1.00	0.9644	
77 1,2-Dichloropropane	63	6.319	6.326	-0.007	92	9553	1.00	1.06	a
81 1,4-Dioxane	88	6.451	6.448	0.003	70	1634	20.0	16.9	
82 Dibromomethane	93	6.464	6.464	0.000	95	6528	1.00	1.09	
83 Dichlorobromomethane	83	6.586	6.586	0.000	96	11253	1.00	1.02	
84 2-Chloroethyl vinyl ether	63	6.817	6.818	-0.001	84	6858	1.00	0.9556	
85 cis-1,3-Dichloropropene	75	6.981	6.978	0.003	93	13979	1.00	1.02	
87 4-Methyl-2-pentanone (MIBK)	43	7.091	7.094	-0.003	98	85749	5.00	5.56	
88 Toluene	92	7.264	7.265	-0.001	98	21989	1.00	1.08	
91 trans-1,3-Dichloropropene	75	7.509	7.512	-0.003	89	12318	1.00	1.03	
90 Ethyl methacrylate	69	7.528	7.522	0.006	85	13116	1.00	1.10	a
93 1,1,2-Trichloroethane	83	7.705	7.708	-0.003	91	7263	1.00	1.09	
94 Tetrachloroethene	166	7.782	7.792	-0.010	88	9769	1.00	1.15	
95 1,3-Dichloropropane	76	7.878	7.876	0.002	83	15596	1.00	1.15	
96 2-Hexanone	43	7.904	7.901	0.003	98	60150	5.00	5.49	
98 Chlorodibromomethane	129	8.120	8.114	0.006	90	8529	1.00	0.9695	
101 Ethylene Dibromide	107	8.235	8.239	-0.004	97	9268	1.00	1.06	
103 Chlorobenzene	112	8.698	8.695	0.003	96	26090	1.00	1.11	
104 Ethylbenzene	91	8.763	8.763	0.000	99	41192	1.00	1.12	
105 1,1,1,2-Tetrachloroethane	131	8.785	8.776	0.009	90	8974	1.00	1.08	
106 m-Xylene & p-Xylene	106	8.885	8.879	0.006	98	16346	1.00	1.10	
107 o-Xylene	106	9.306	9.313	-0.007	96	15948	1.00	1.08	
109 Styrene	104	9.338	9.339	-0.001	95	25338	1.00	1.05	
110 Bromoform	173	9.608	9.612	-0.004	94	6279	1.00	1.02	
111 Isopropylbenzene	105	9.682	9.686	-0.004	96	41355	1.00	1.14	
113 Bromobenzene	156	10.081	10.078	0.003	92	11115	1.00	1.17	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	93	14084	1.00	1.15	
114 N-Propylbenzene	91	10.126	10.126	0.000	98	48929	1.00	1.15	
115 trans-1,4-Dichloro-2-butene	53	10.142	10.139	0.003	72	3908	1.00	0.9548	
116 1,2,3-Trichloropropane	110	10.139	10.142	-0.003	91	4728	1.00	1.16	
117 2-Chlorotoluene	126	10.251	10.255	-0.004	97	9939	1.00	1.12	a
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	34770	1.00	1.16	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	29817	1.00	1.17	
120 tert-Butylbenzene	134	10.631	10.631	0.000	92	7977	1.00	1.12	
121 1,2,4-Trimethylbenzene	105	10.682	10.683	-0.001	97	34287	1.00	1.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	94	45150	1.00	1.15	
123 4-Isopropyltoluene	119	10.972	10.969	0.003	97	37286	1.00	1.11	
124 1,3-Dichlorobenzene	146	11.001	10.998	0.003	96	19993	1.00	1.12	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	21975	1.00	1.17	
127 n-Butylbenzene	91	11.351	11.351	0.000	96	34834	1.00	1.19	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	97	20414	1.00	1.16	
129 1,2-Dibromo-3-Chloropropane	75	12.126	12.133	-0.007	74	2865	1.00	1.12	a
130 1,2,4-Trichlorobenzene	180	12.759	12.756	0.003	92	13572	1.00	1.16	
131 Hexachlorobutadiene	225	12.843	12.847	-0.003	85	4716	1.00	1.04	
132 Naphthalene	128	12.978	12.975	0.003	97	45466	1.00	1.11	
133 1,2,3-Trichlorobenzene	180	13.171	13.174	-0.003	92	12510	1.00	1.11	
S 143 Xylenes, Total	1				0			2.18	
S 142 Total BTEX	1				0			5.51	
S 144 1,3-Dichloropropene, Total	1				0			2.05	
S 141 1,2-Dichloroethene, Total	1				0			2.21	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

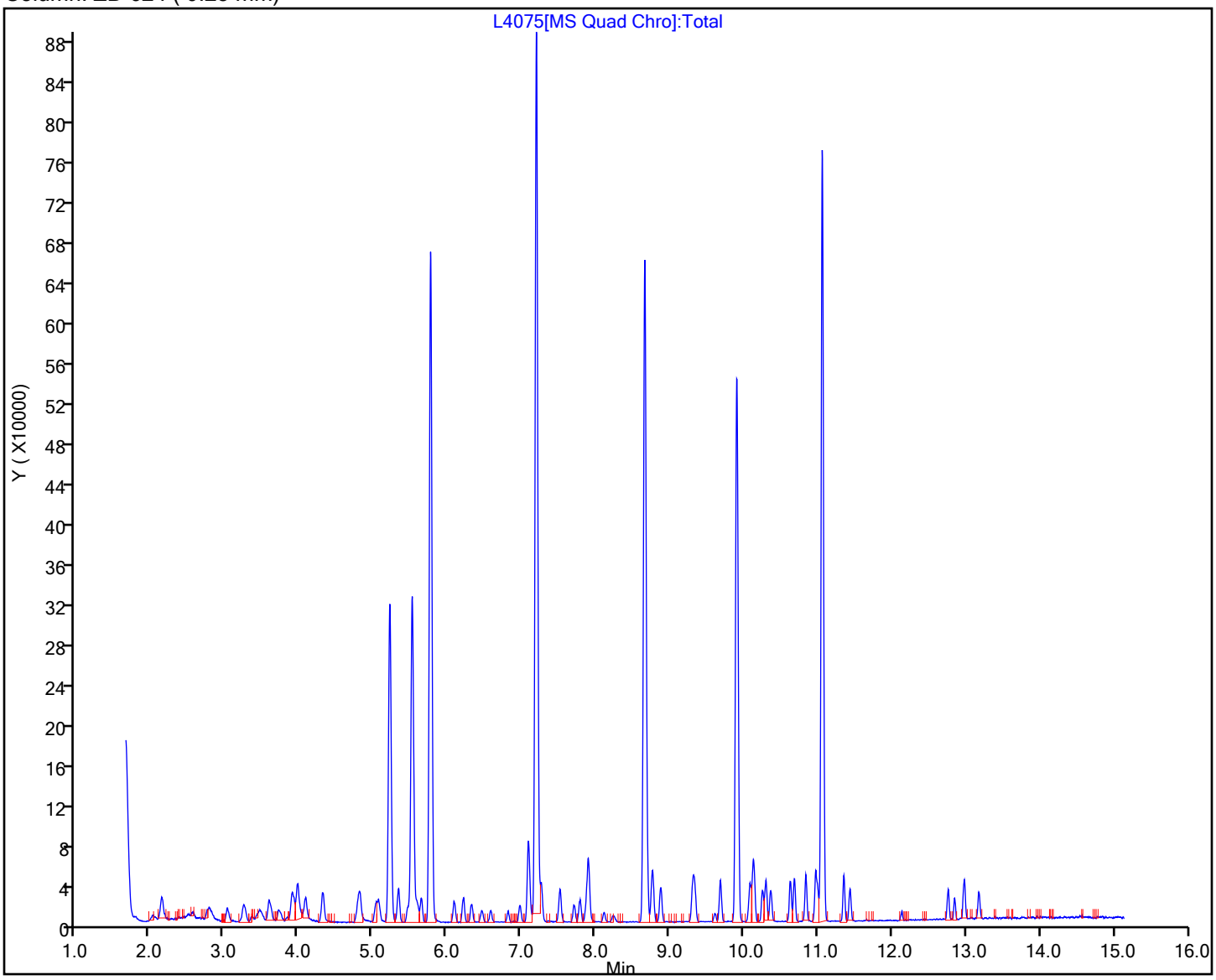
Reagents:

8260 CORP mix_00236	Amount Added:	1.00	Units: uL	
GAS CORP mix_00561	Amount Added:	1.00	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

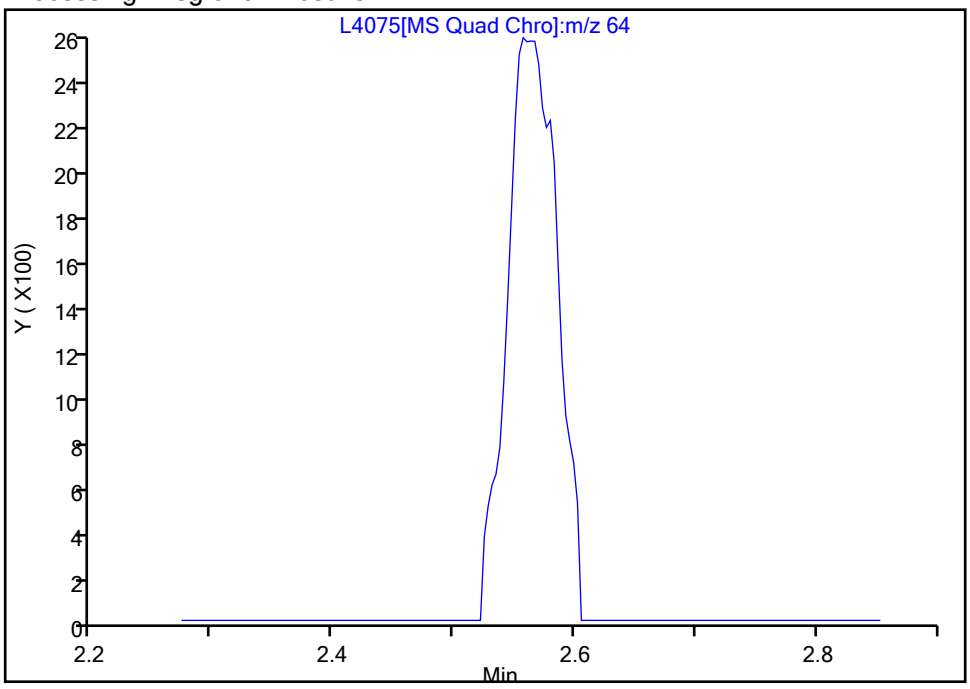
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

19 Chloroethane, CAS: 75-00-3

Signal: 1

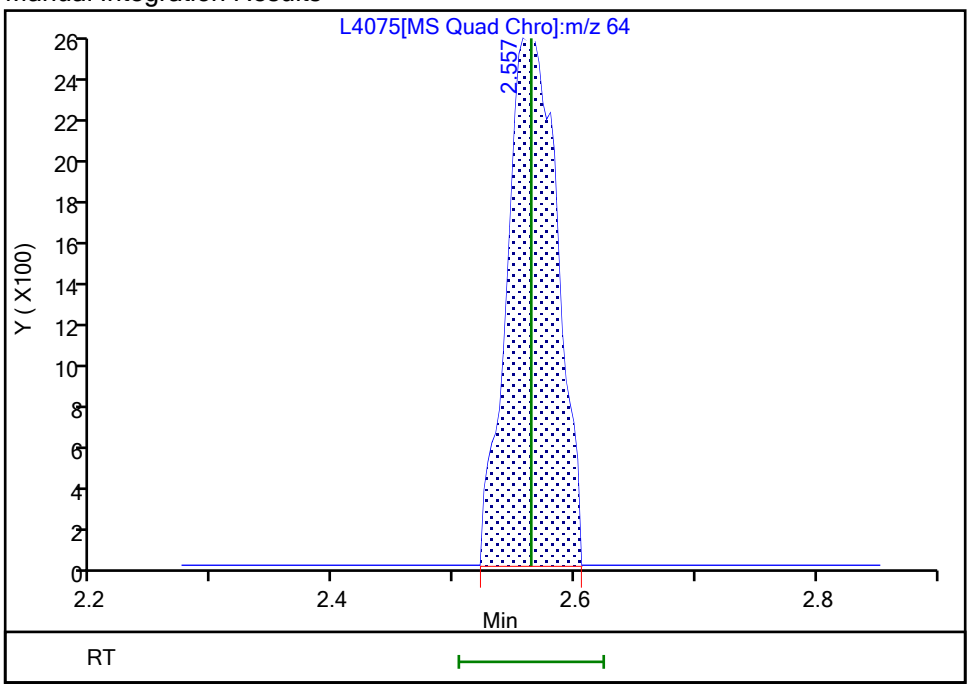
Not Detected
Expected RT: 2.56

Processing Integration Results



Manual Integration Results

RT: 2.56
Area: 7569
Amount: 1.138740
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:29:04
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

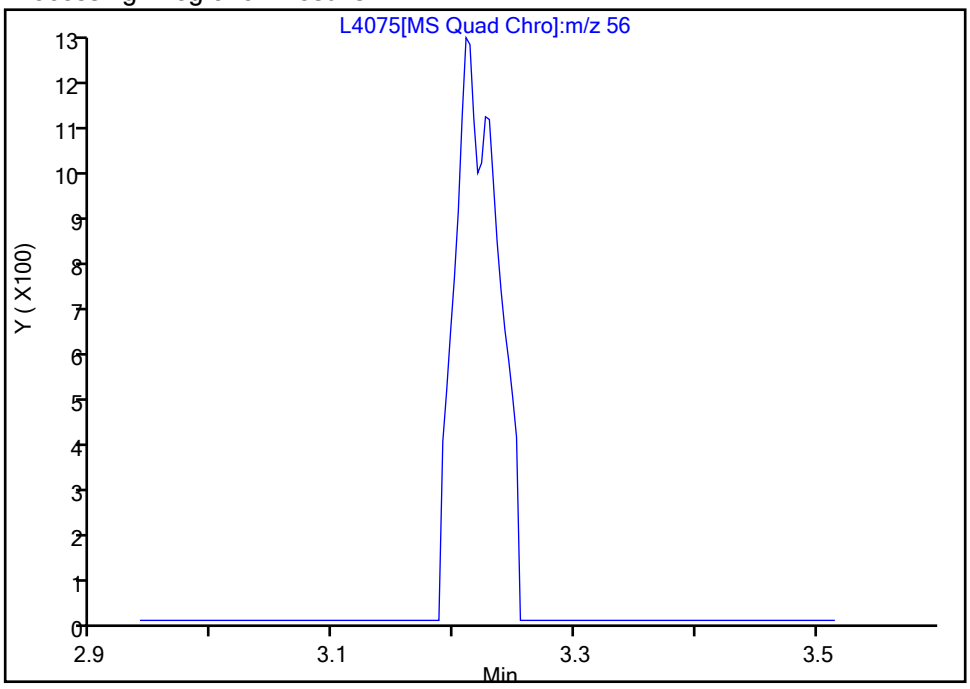
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

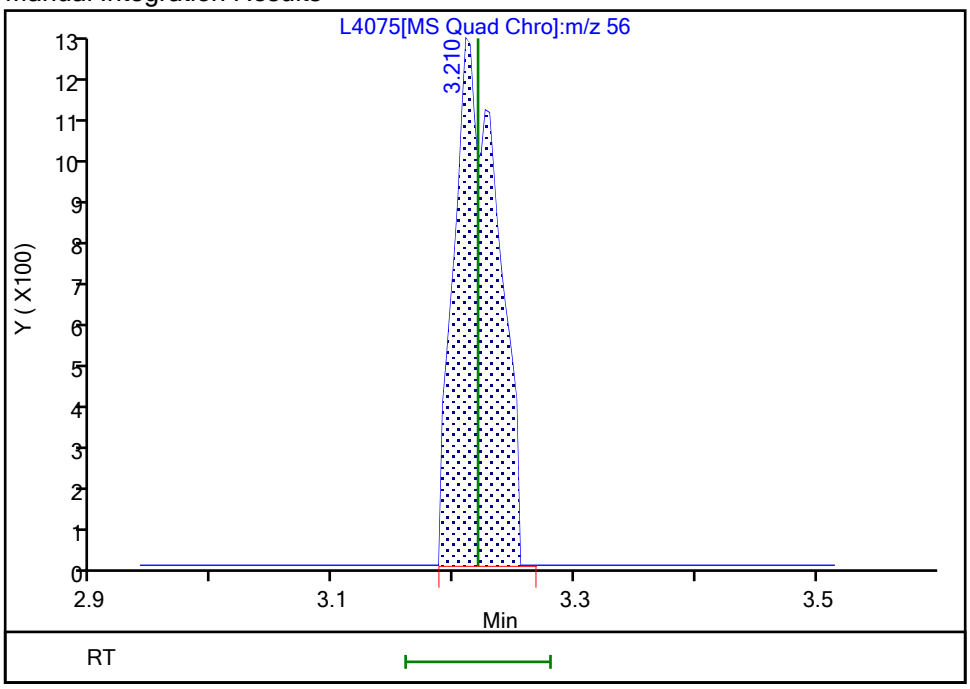
Not Detected
Expected RT: 3.22

Processing Integration Results



Manual Integration Results

RT: 3.21
Area: 3220
Amount: 3.949774
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:29:10
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

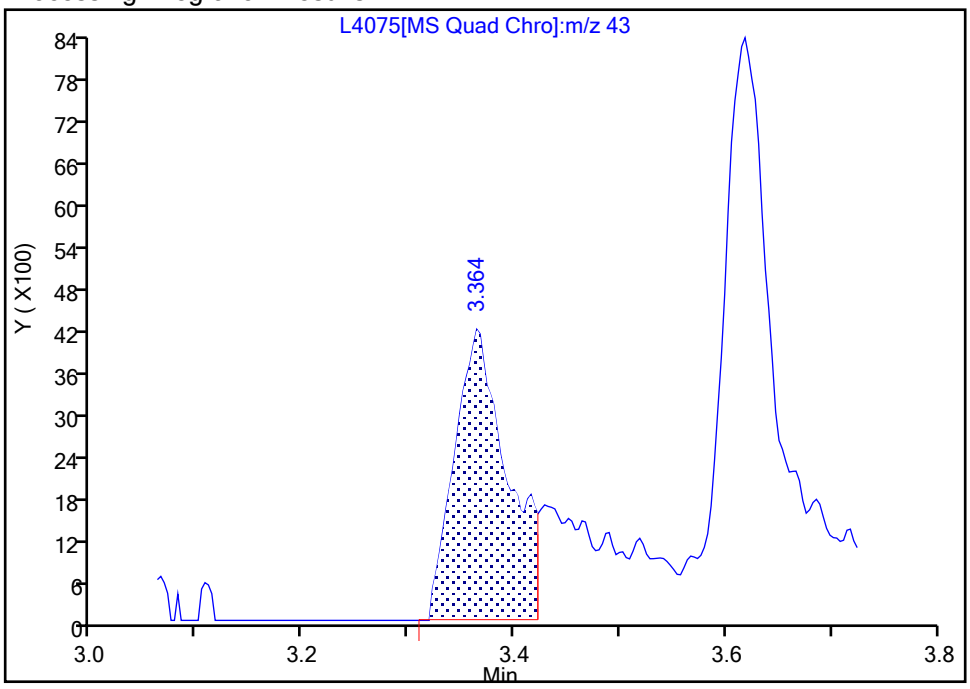
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

31 Acetone, CAS: 67-64-1

Signal: 1

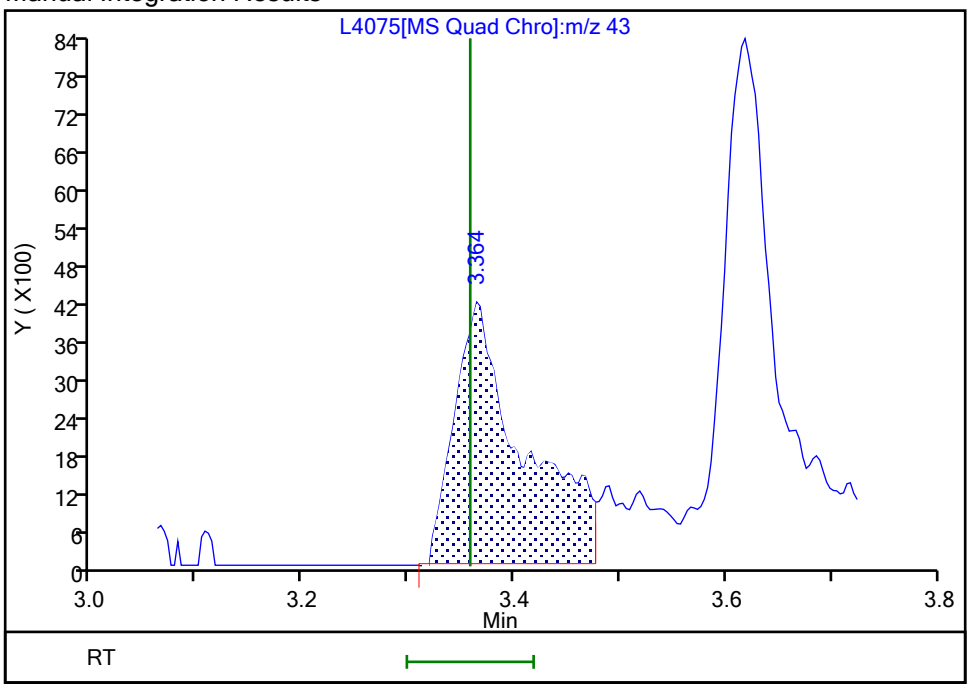
Processing Integration Results

RT: 3.36
Area: 14507
Amount: 3.720976
Amount Units: ug/L



Manual Integration Results

RT: 3.36
Area: 18875
Amount: 4.716332
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:30:30
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

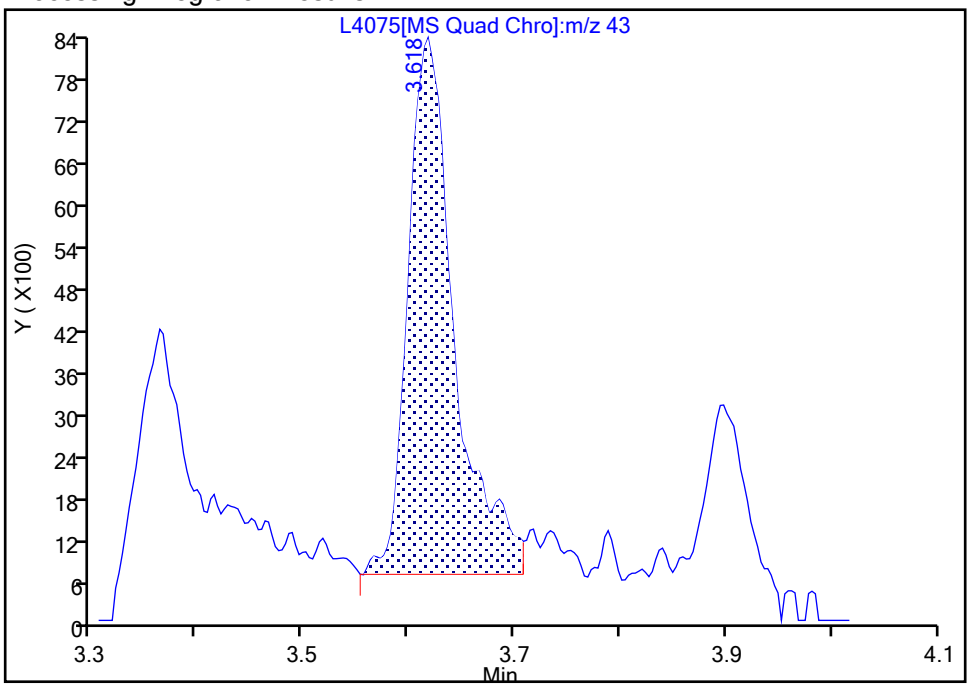
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

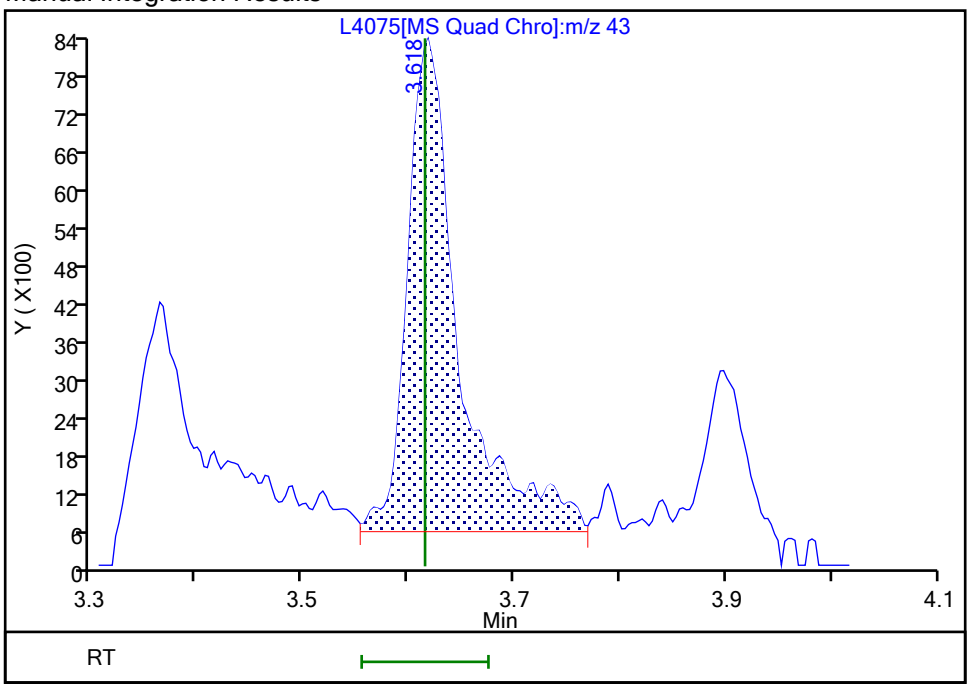
Processing Integration Results

RT: 3.62
Area: 23476
Amount: 1.810592
Amount Units: ug/L



Manual Integration Results

RT: 3.62
Area: 26517
Amount: 2.071178
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:41:34
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

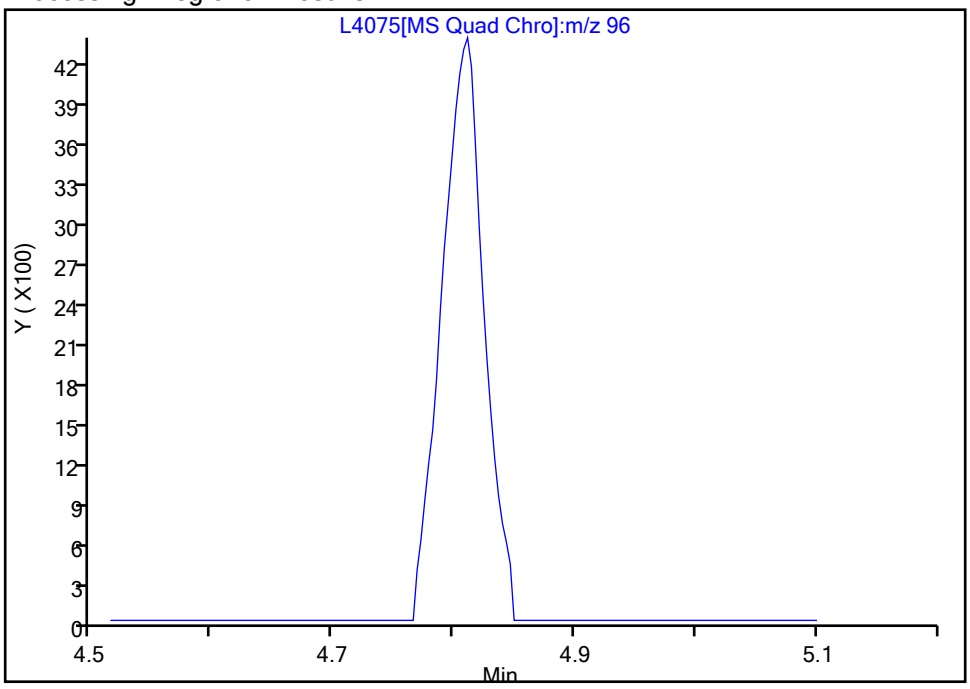
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

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

Signal: 1

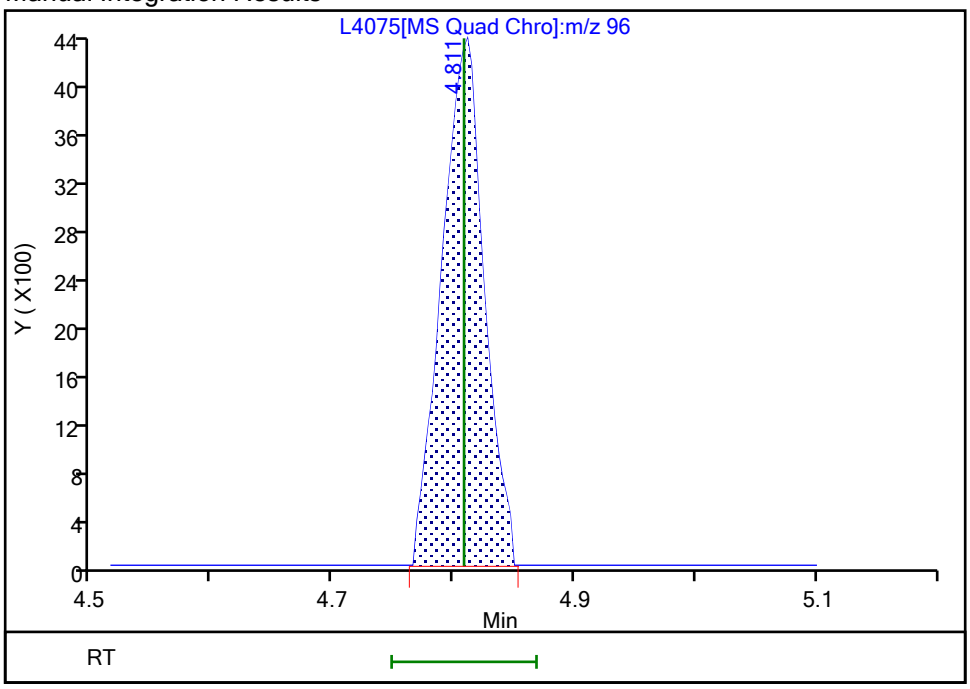
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 10643
Amount: 1.116474
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:31:31
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

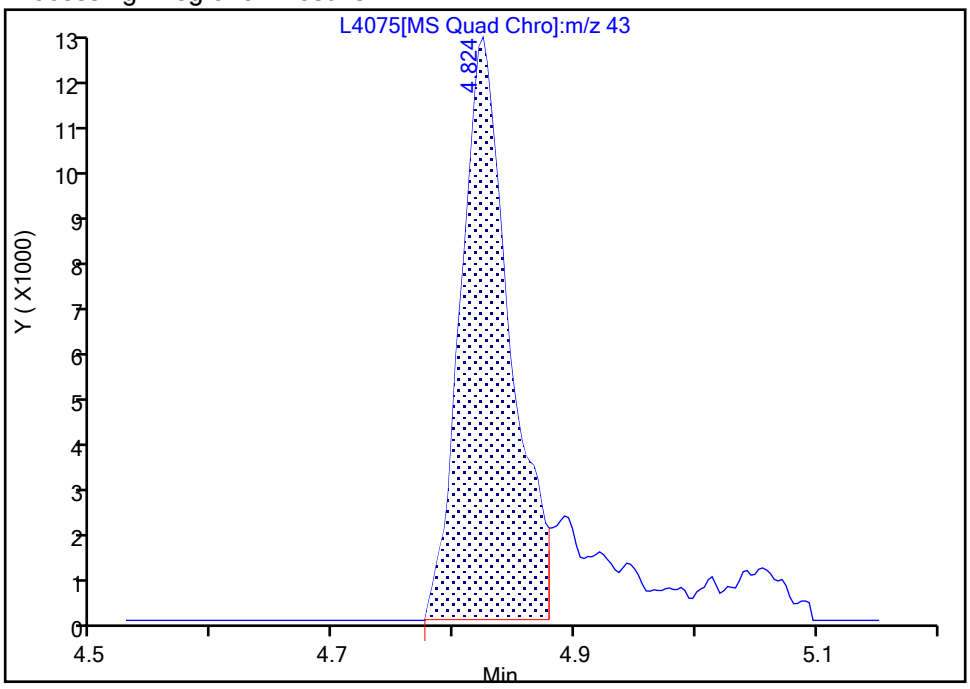
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

57 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

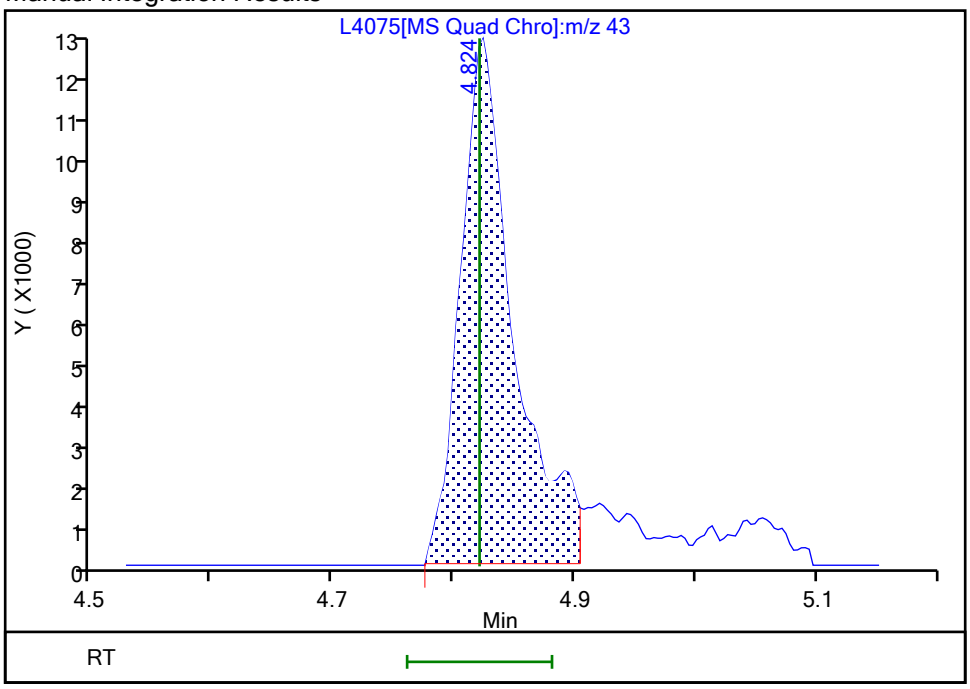
Processing Integration Results

RT: 4.82
Area: 36027
Amount: 4.522105
Amount Units: ug/L



Manual Integration Results

RT: 4.82
Area: 38903
Amount: 4.848547
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:31:53
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

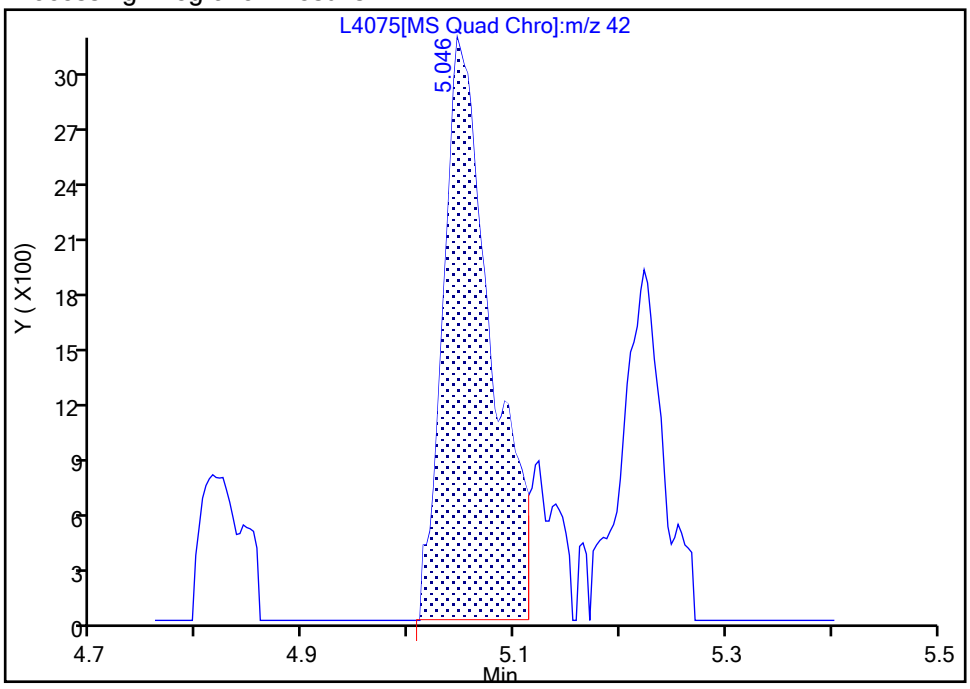
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

61 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

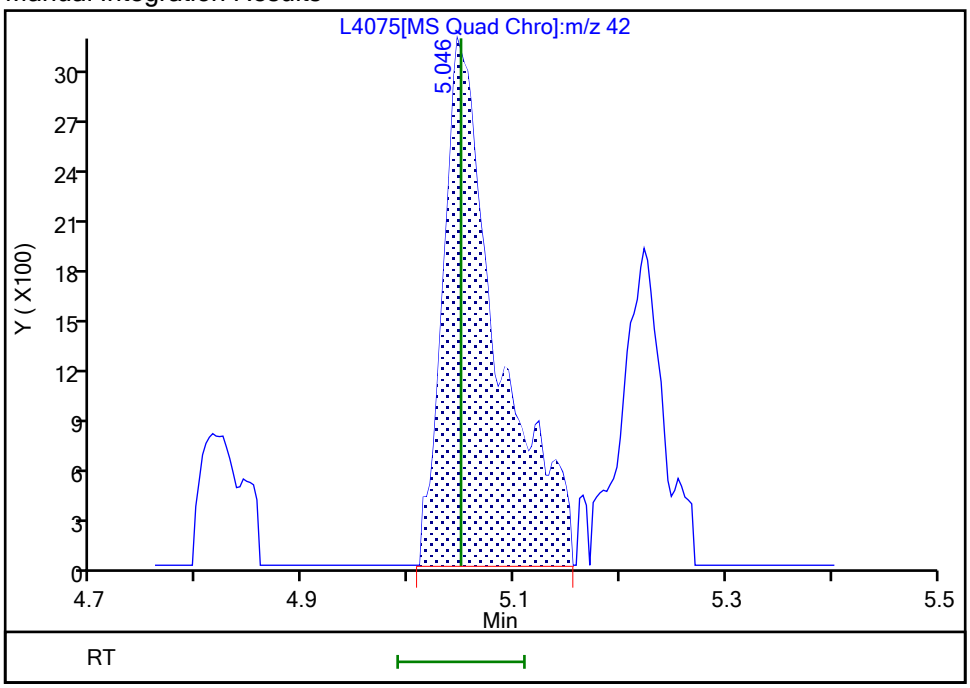
Processing Integration Results

RT: 5.05
Area: 9959
Amount: 1.871214
Amount Units: ug/L



Manual Integration Results

RT: 5.05
Area: 11403
Amount: 2.099663
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:32:39
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

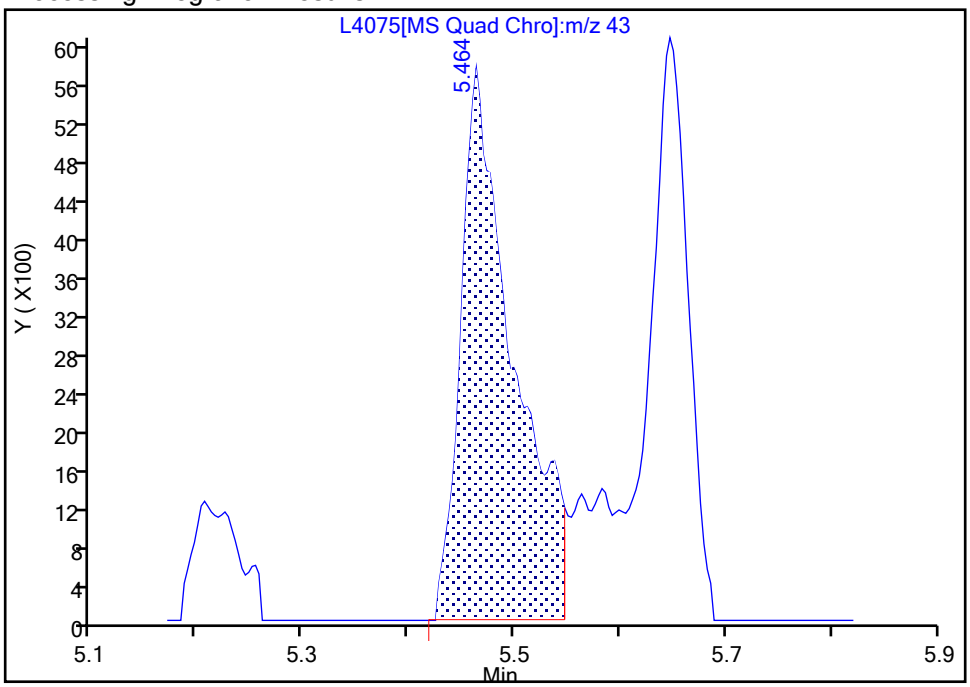
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

69 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

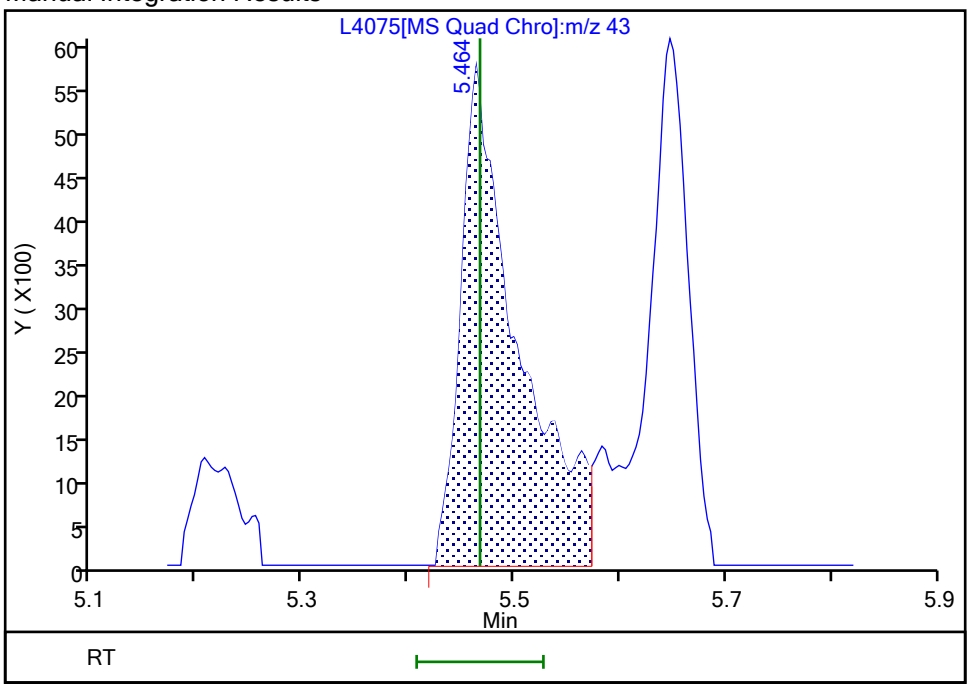
Processing Integration Results

RT: 5.46
Area: 19951
Amount: 23.315754
Amount Units: ug/L



Manual Integration Results

RT: 5.46
Area: 21769
Amount: 25.621369
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:33:14
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

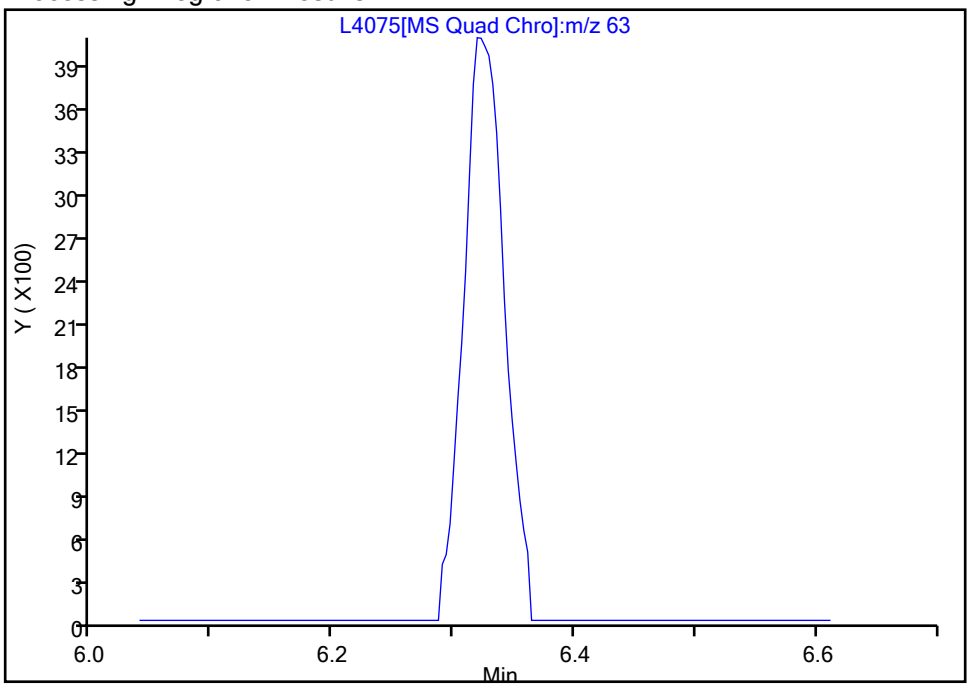
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

77 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

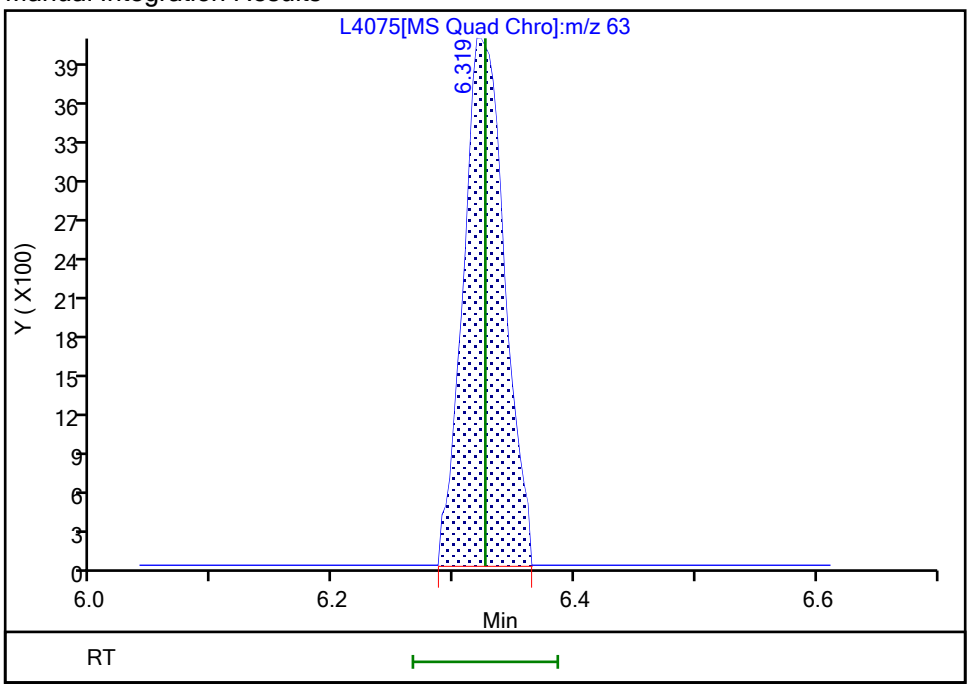
Not Detected
Expected RT: 6.33

Processing Integration Results



Manual Integration Results

RT: 6.32
Area: 9553
Amount: 1.061966
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:33:25
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

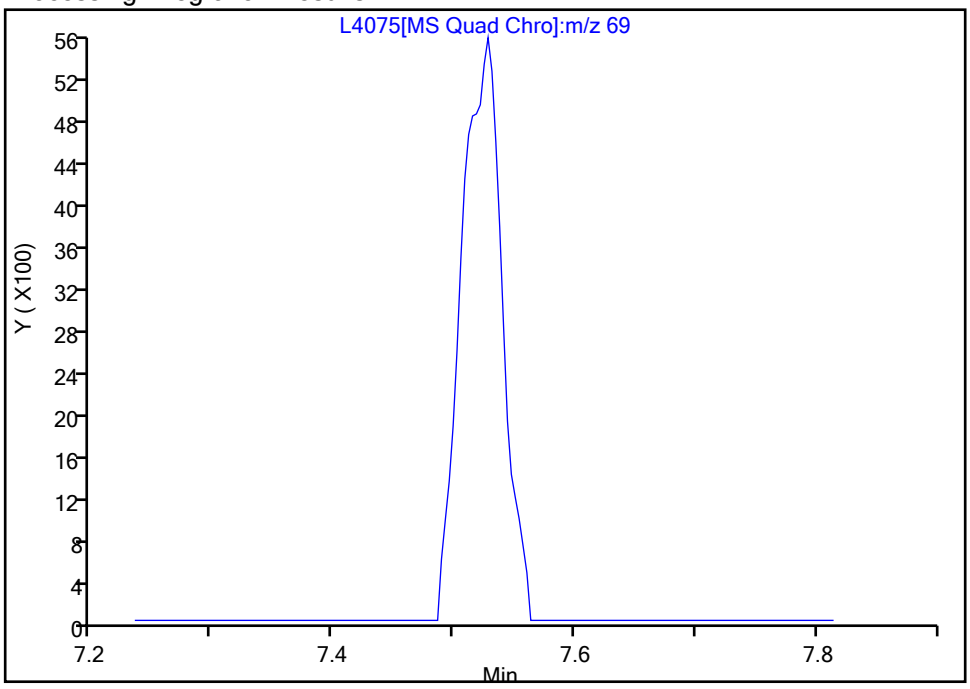
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

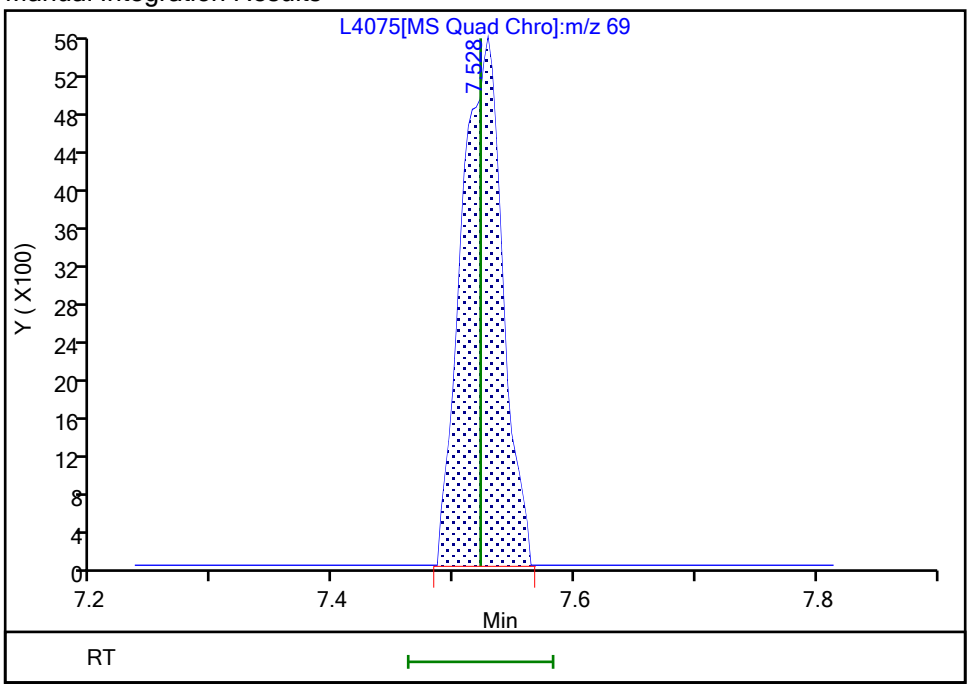
Not Detected
Expected RT: 7.52

Processing Integration Results



RT: 7.53
Area: 13116
Amount: 1.097297
Amount Units: ug/L

Manual Integration Results



Reviewer: LS5G, 18-Apr-2023 07:33:38
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

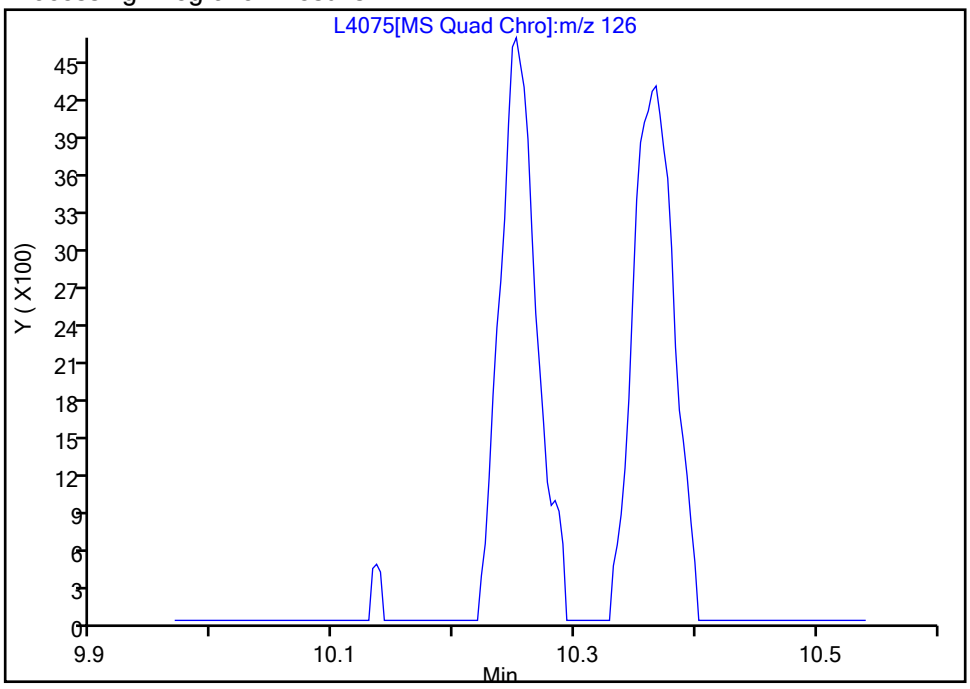
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

117 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

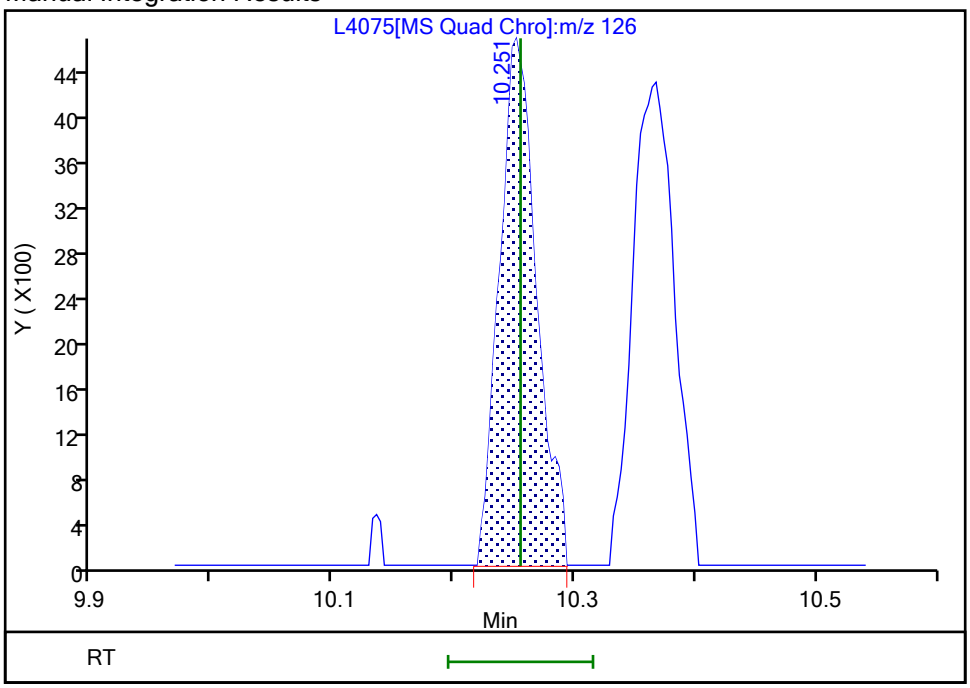
Not Detected
Expected RT: 10.25

Processing Integration Results



Manual Integration Results

RT: 10.25
Area: 9939
Amount: 1.122273
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:33:52
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

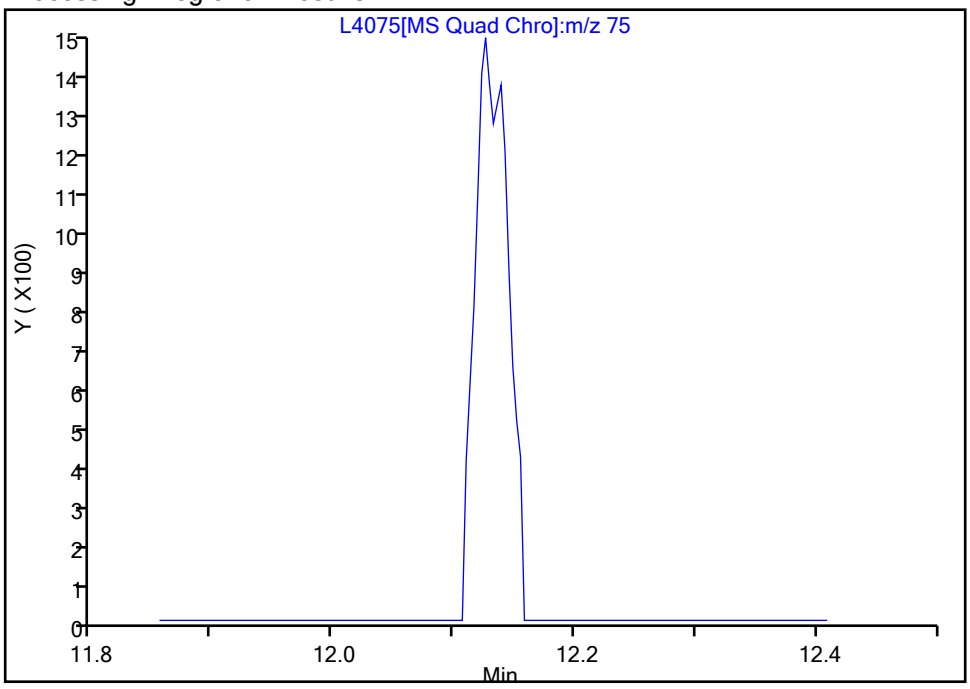
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4075.D
Injection Date: 17-Apr-2023 15:49:00 Instrument ID: HP5977L
Lims ID: IC
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

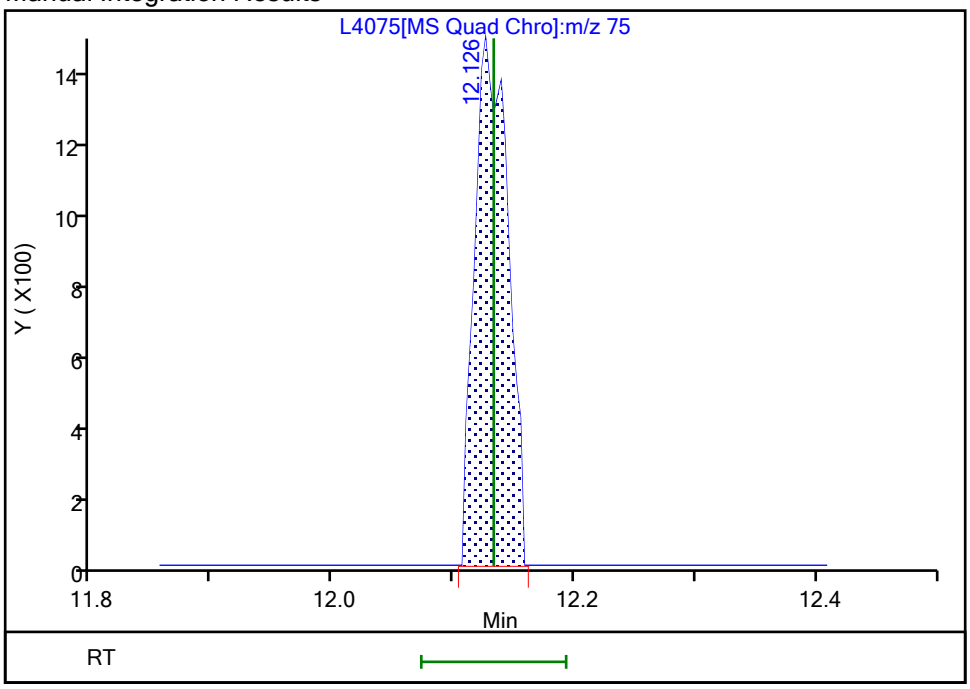
Not Detected
Expected RT: 12.13

Processing Integration Results



Manual Integration Results

RT: 12.13
Area: 2865
Amount: 1.115444
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:34:03
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Apr-2023 16:13:31 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 2
Misc. Info.: 480-0111151-015
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:11 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:40:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	147597	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	86	597033	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	95	315258	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	94	224609	25.0	24.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	96	258829	25.0	24.8	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	809645	25.0	24.5	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	229690	25.0	24.2	
10 Dichlorodifluoromethane	85	1.795	1.789	0.006	97	17328	2.00	1.97	
13 Chloromethane	50	2.021	2.024	-0.003	98	27974	2.00	2.14	
14 Vinyl chloride	62	2.139	2.133	0.006	95	21895	2.00	2.04	
15 Butadiene	54	2.143	2.152	-0.009	88	25379	2.00	2.20	
18 Bromomethane	94	2.509	2.506	0.003	91	14163	2.00	2.11	M
19 Chloroethane	64	2.564	2.564	0.000	97	14428	2.00	2.12	
20 Dichlorofluoromethane	67	2.779	2.786	-0.007	97	28280	2.00	2.05	
21 Trichlorofluoromethane	101	2.766	2.802	-0.036	43	24940	2.00	2.14	
26 Ethyl ether	59	3.033	3.030	0.003	95	19494	2.00	2.13	
28 Acrolein	56	3.220	3.220	0.000	90	8546	10.0	10.3	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.246	3.245	0.001	92	13544	2.00	1.96	
30 1,1-Dichloroethene	96	3.262	3.274	-0.012	95	16569	2.00	2.24	
31 Acetone	43	3.361	3.358	0.003	100	38439	10.0	9.40	
33 Iodomethane	142	3.451	3.451	0.000	96	32789	2.00	2.29	
35 Carbon disulfide	76	3.490	3.496	-0.006	100	50783	2.00	2.30	
37 3-Chloro-1-propene	41	3.590	3.589	0.001	90	33960	2.00	2.18	
38 Methyl acetate	43	3.619	3.615	0.004	100	48724	4.00	3.73	
39 Methylene Chloride	84	3.728	3.741	-0.013	96	18187	2.00	2.05	
40 2-Methyl-2-propanol	59	3.824	3.834	-0.010	95	17025	20.0	18.6	M
41 Methyl tert-butyl ether	73	3.902	3.901	0.001	99	56211	2.00	2.09	
42 trans-1,2-Dichloroethene	96	3.930	3.930	0.000	97	19665	2.00	2.21	
44 Acrylonitrile	53	3.979	3.975	0.004	100	130772	20.0	20.4	
47 Hexane	57	4.091	4.088	0.003	90	22519	2.00	1.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.303	4.307	-0.004	96	35440	2.00	2.25	
49 Vinyl acetate	43	4.326	4.323	0.003	97	94244	4.00	4.09	
56 2,2-Dichloropropane	77	4.779	4.782	-0.003	91	18657	2.00	2.30	
58 cis-1,2-Dichloroethene	96	4.811	4.808	0.003	79	21392	2.00	2.20	
57 2-Butanone (MEK)	43	4.824	4.821	0.003	98	76601	10.0	9.35	M
60 Chlorobromomethane	128	5.030	5.027	0.003	95	10730	2.00	2.12	
61 Tetrahydrofuran	42	5.049	5.049	0.000	91	21593	4.00	3.89	M
62 Chloroform	83	5.075	5.078	-0.003	93	34245	2.00	2.27	
64 1,1,1-Trichloroethane	97	5.210	5.210	0.000	98	27595	2.00	2.22	
65 Cyclohexane	56	5.223	5.226	-0.003	38	31113	2.00	2.09	
66 Carbon tetrachloride	117	5.339	5.339	0.000	90	23707	2.00	2.16	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	90	25940	2.00	2.31	
69 Isobutyl alcohol	43	5.458	5.467	-0.009	94	38175	50.0	44.0	M
70 Benzene	78	5.538	5.535	0.003	96	76177	2.00	2.22	
72 1,2-Dichloroethane	62	5.593	5.589	0.004	95	28506	2.00	2.17	
73 n-Heptane	43	5.647	5.647	0.000	95	28531	2.00	2.08	
75 Trichloroethene	95	6.091	6.091	0.000	96	19944	2.00	2.23	
76 Methylcyclohexane	83	6.213	6.213	0.000	92	25968	2.00	2.09	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	94	21295	2.00	2.32	
81 1,4-Dioxane	88	6.451	6.448	0.003	65	2863	40.0	28.2	M
82 Dibromomethane	93	6.458	6.464	-0.006	96	12596	2.00	2.06	a
83 Dichlorobromomethane	83	6.593	6.586	0.007	97	24591	2.00	2.18	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	92	13576	2.00	1.85	
85 cis-1,3-Dichloropropene	75	6.975	6.978	-0.003	91	28512	2.00	2.03	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	98	167783	10.0	10.4	
88 Toluene	92	7.268	7.265	0.003	98	48111	2.00	2.26	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	95	25680	2.00	2.06	
90 Ethyl methacrylate	69	7.519	7.522	-0.003	87	26179	2.00	2.09	
93 1,1,2-Trichloroethane	83	7.708	7.708	0.000	91	15644	2.00	2.25	a
94 Tetrachloroethene	166	7.789	7.792	-0.003	94	20481	2.00	2.30	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	94	31006	2.00	2.18	
96 2-Hexanone	43	7.905	7.901	0.004	98	112386	10.0	9.80	
98 Chlorodibromomethane	129	8.114	8.114	0.000	88	19871	2.00	2.16	
101 Ethylene Dibromide	107	8.239	8.239	0.000	98	19044	2.00	2.08	
103 Chlorobenzene	112	8.696	8.695	0.001	97	54482	2.00	2.22	
104 Ethylbenzene	91	8.763	8.763	0.000	98	86169	2.00	2.23	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	88	19749	2.00	2.27	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	34071	2.00	2.19	
107 o-Xylene	106	9.310	9.313	-0.003	95	35357	2.00	2.29	
109 Styrene	104	9.339	9.339	0.000	95	53906	2.00	2.14	
110 Bromoform	173	9.609	9.612	-0.003	90	12753	2.00	1.98	
111 Isopropylbenzene	105	9.683	9.686	-0.003	96	87505	2.00	2.16	
113 Bromobenzene	156	10.078	10.078	0.000	94	22134	2.00	2.09	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	95	28225	2.00	2.06	
114 N-Propylbenzene	91	10.123	10.126	-0.003	99	104930	2.00	2.20	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	73	9096	2.00	1.99	
116 1,2,3-Trichloropropane	110	10.139	10.142	-0.003	86	9098	2.00	2.00	
117 2-Chlorotoluene	126	10.255	10.255	0.000	98	21384	2.00	2.16	
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	69912	2.00	2.09	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	62984	2.00	2.22	
120 tert-Butylbenzene	134	10.628	10.631	-0.003	93	16682	2.00	2.10	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	94	73089	2.00	2.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.840	10.837	0.003	94	95092	2.00	2.17	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	81039	2.00	2.17	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	44982	2.00	2.25	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	44699	2.00	2.14	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	70162	2.00	2.14	
128 1,2-Dichlorobenzene	146	11.432	11.435	-0.003	95	40557	2.00	2.07	
129 1,2-Dibromo-3-Chloropropane	75	12.139	12.133	0.006	84	5498	2.00	1.92	
130 1,2,4-Trichlorobenzene	180	12.753	12.756	-0.003	95	27514	2.00	2.11	
131 Hexachlorobutadiene	225	12.850	12.847	0.004	95	11229	2.00	2.22	
132 Naphthalene	128	12.975	12.975	0.000	97	88031	2.00	1.93	
133 1,2,3-Trichlorobenzene	180	13.175	13.174	0.001	96	26099	2.00	2.08	
S 143 Xylenes, Total	1				0			4.48	
S 142 Total BTEX	1				0			11.2	
S 144 1,3-Dichloropropene, Total	1				0			4.09	
S 141 1,2-Dichloroethene, Total	1				0			4.41	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

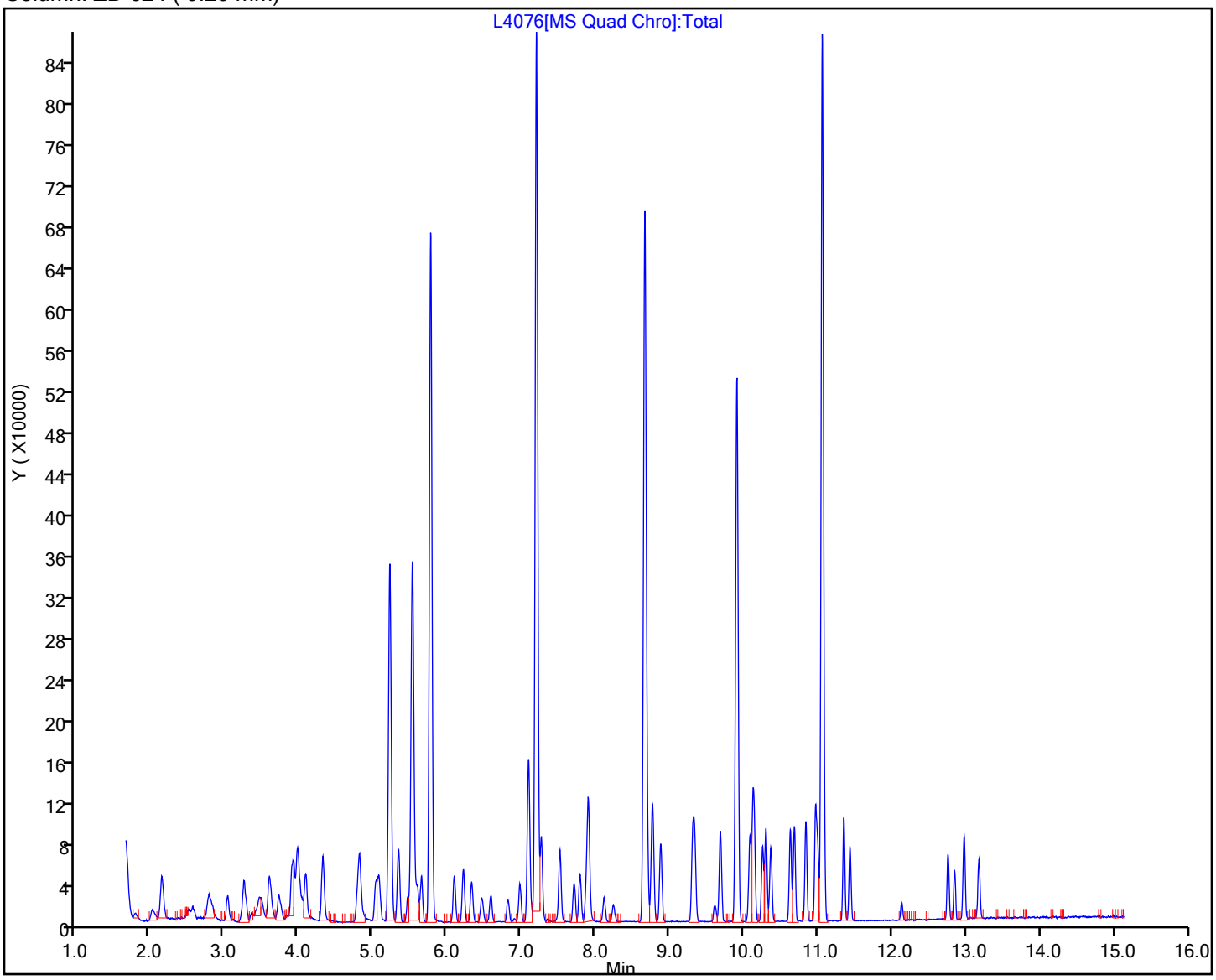
Reagents:

8260 CORP mix_00236	Amount Added:	2.00	Units: uL	
GAS CORP mix_00561	Amount Added:	2.00	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:12 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Buffalo

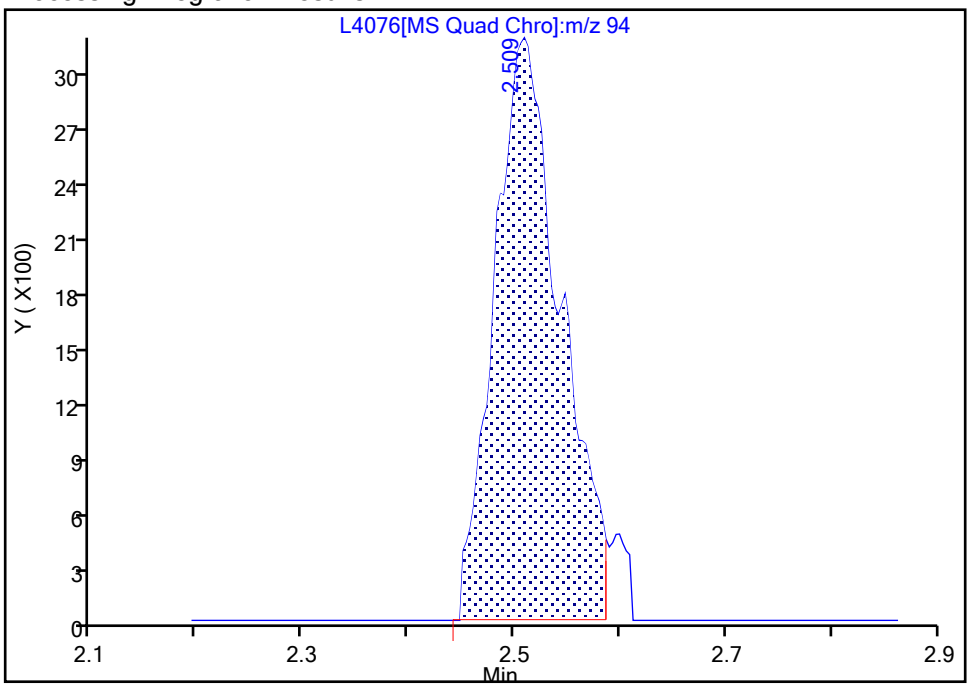
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

18 Bromomethane, CAS: 74-83-9

Signal: 1

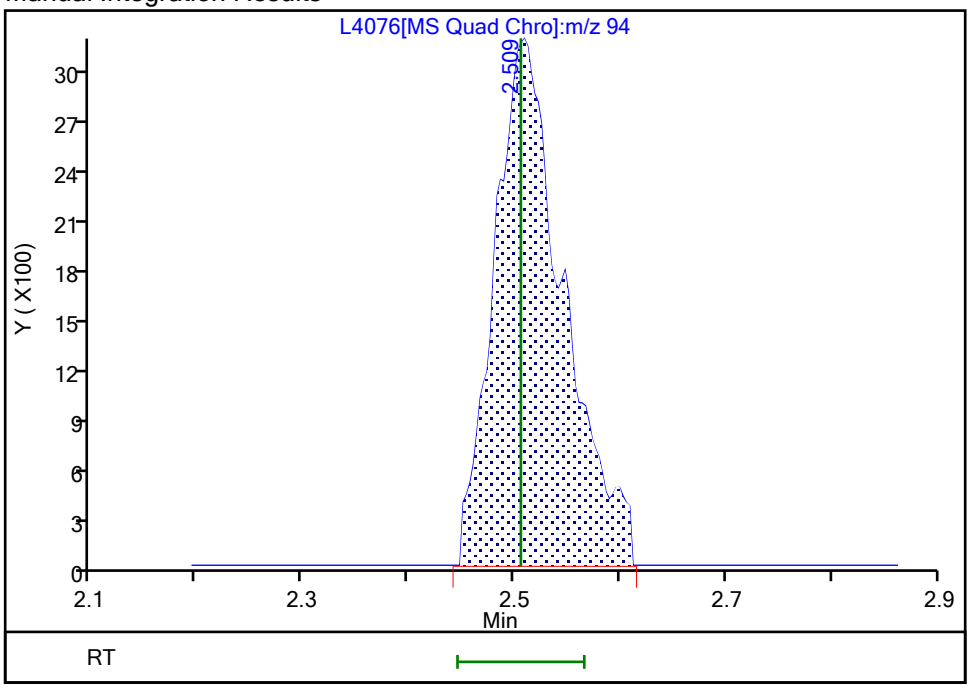
Processing Integration Results

RT: 2.51
Area: 13612
Amount: 1.978230
Amount Units: ug/L



Manual Integration Results

RT: 2.51
Area: 14163
Amount: 2.106508
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:42:55
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

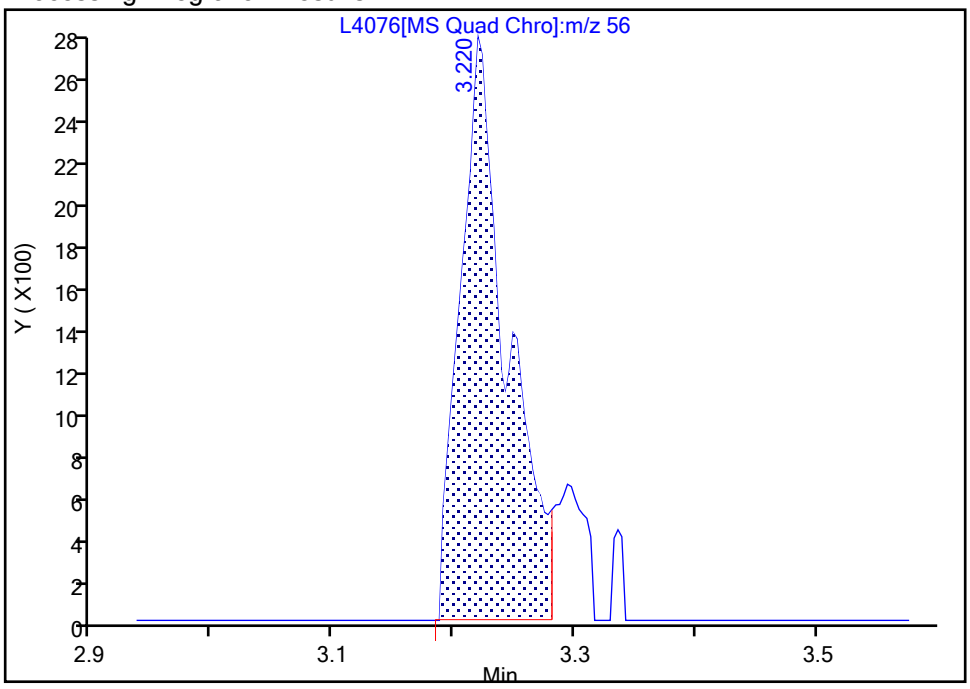
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

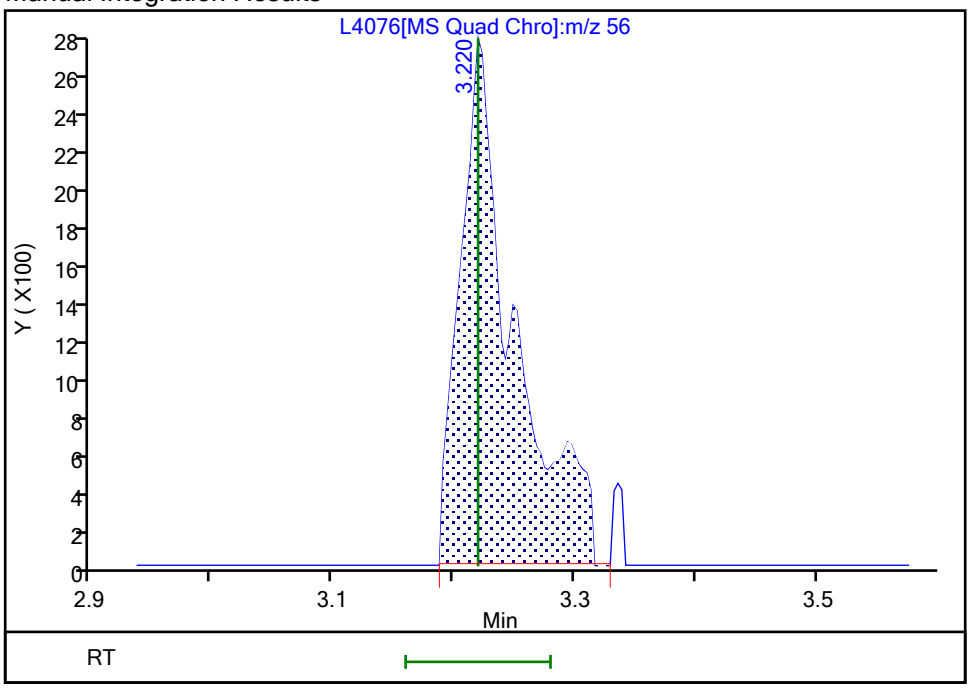
Processing Integration Results

RT: 3.22
Area: 7536
Amount: 8.639905
Amount Units: ug/L



Manual Integration Results

RT: 3.22
Area: 8546
Amount: 10.262320
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:12:35
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

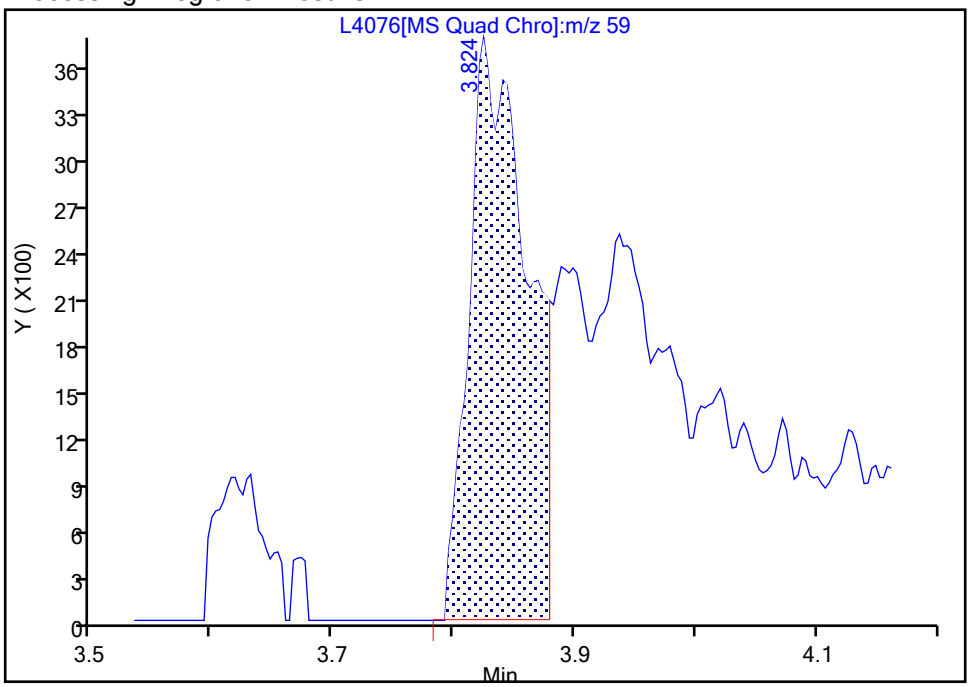
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

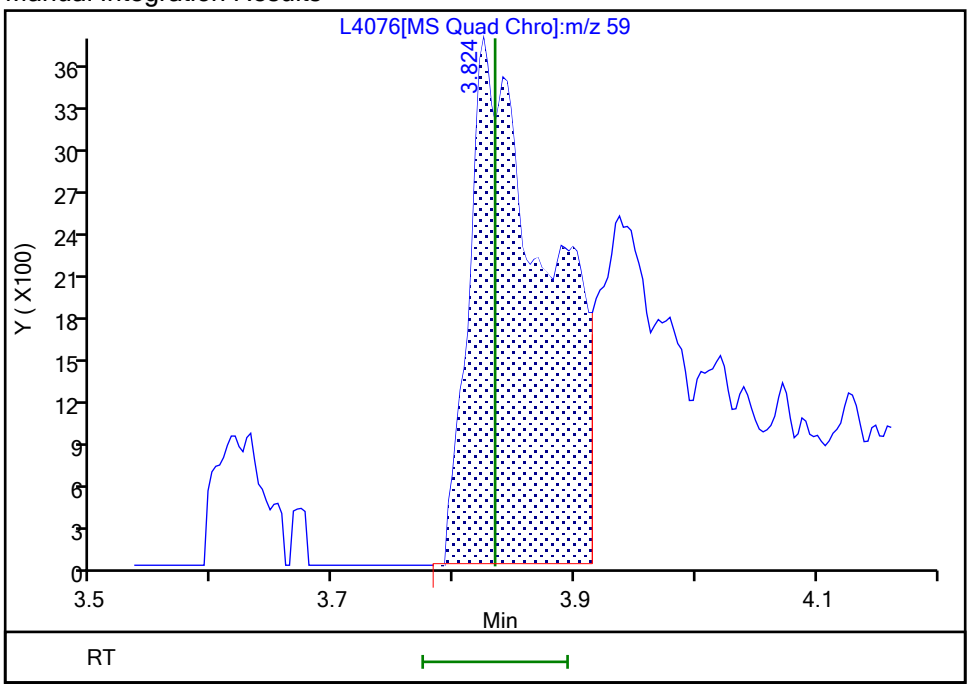
Processing Integration Results

RT: 3.82
Area: 12671
Amount: 14.184261
Amount Units: ug/L



Manual Integration Results

RT: 3.82
Area: 17025
Amount: 18.622216
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:39:17
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

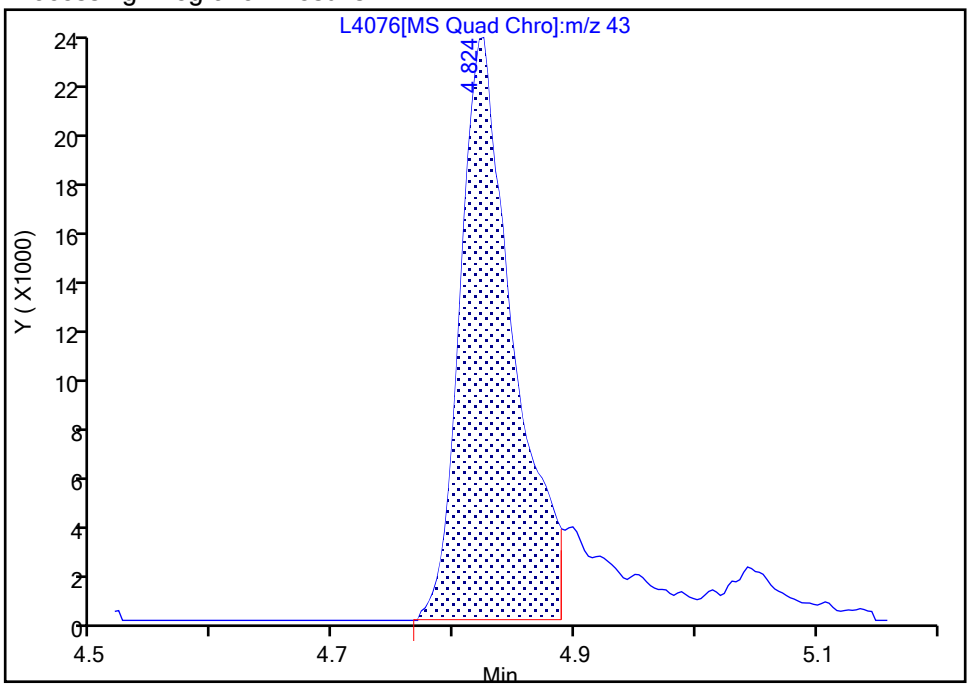
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

57 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

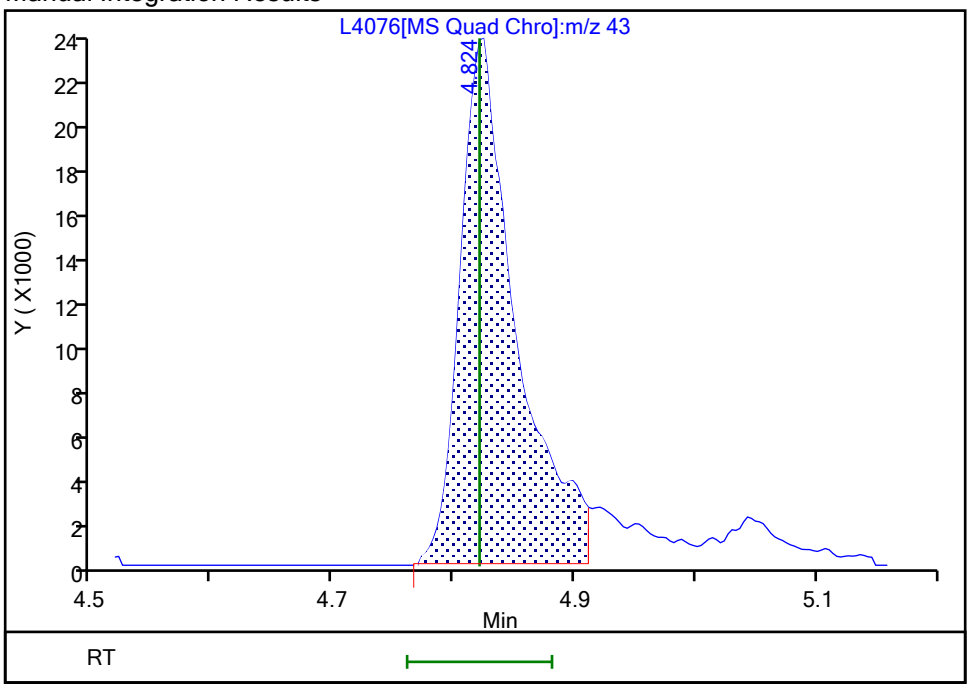
Processing Integration Results

RT: 4.82
Area: 72306
Amount: 8.879994
Amount Units: ug/L



Manual Integration Results

RT: 4.82
Area: 76601
Amount: 9.346074
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:38:45
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

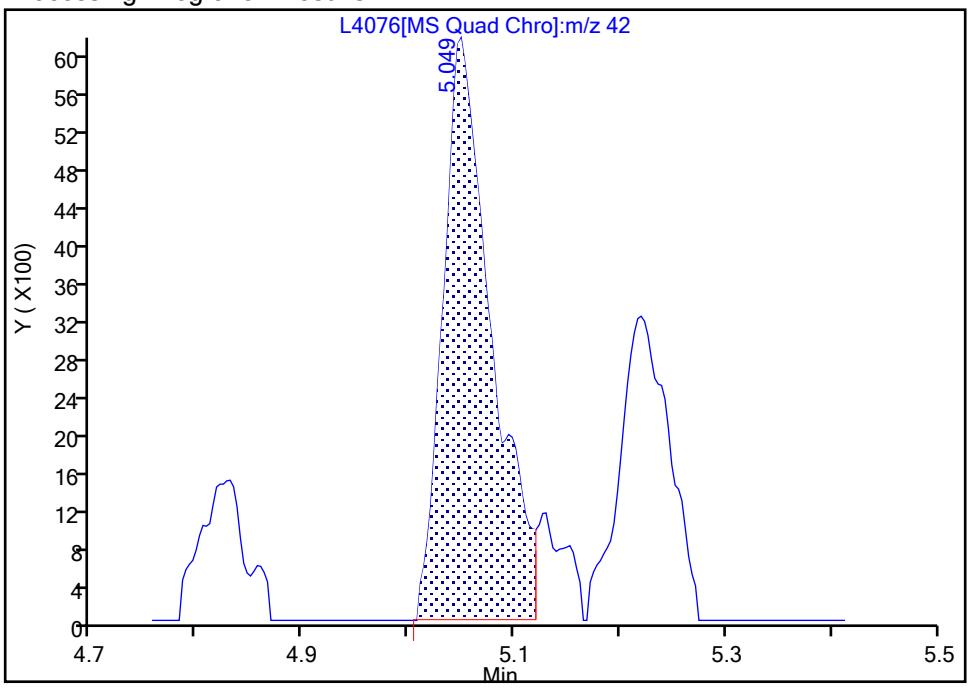
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

61 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

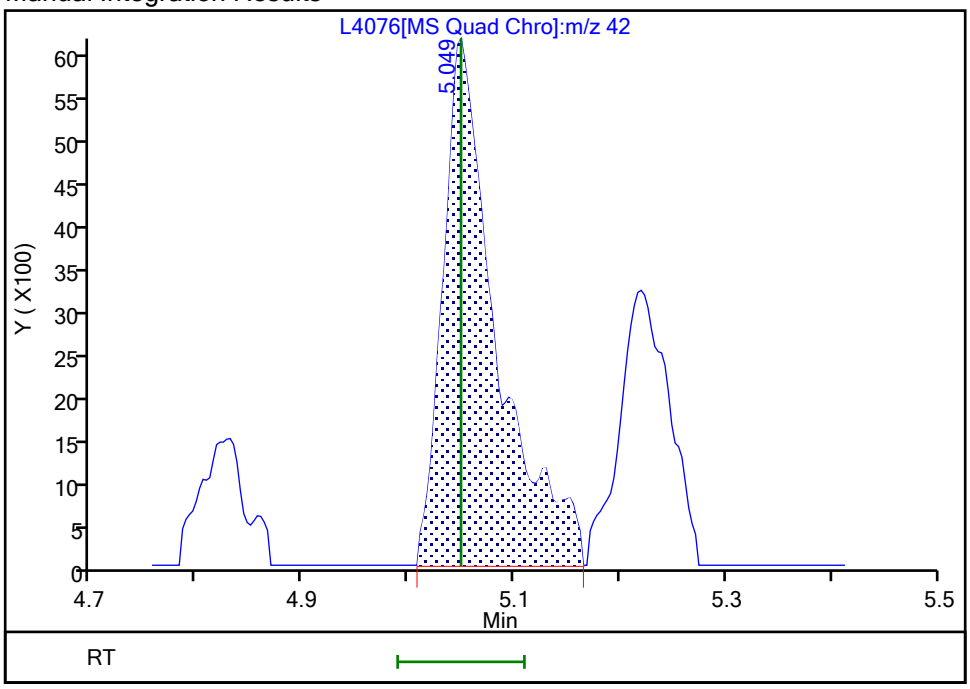
Processing Integration Results

RT: 5.05
Area: 19584
Amount: 3.570207
Amount Units: ug/L



Manual Integration Results

RT: 5.05
Area: 21593
Amount: 3.892331
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:38:22
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

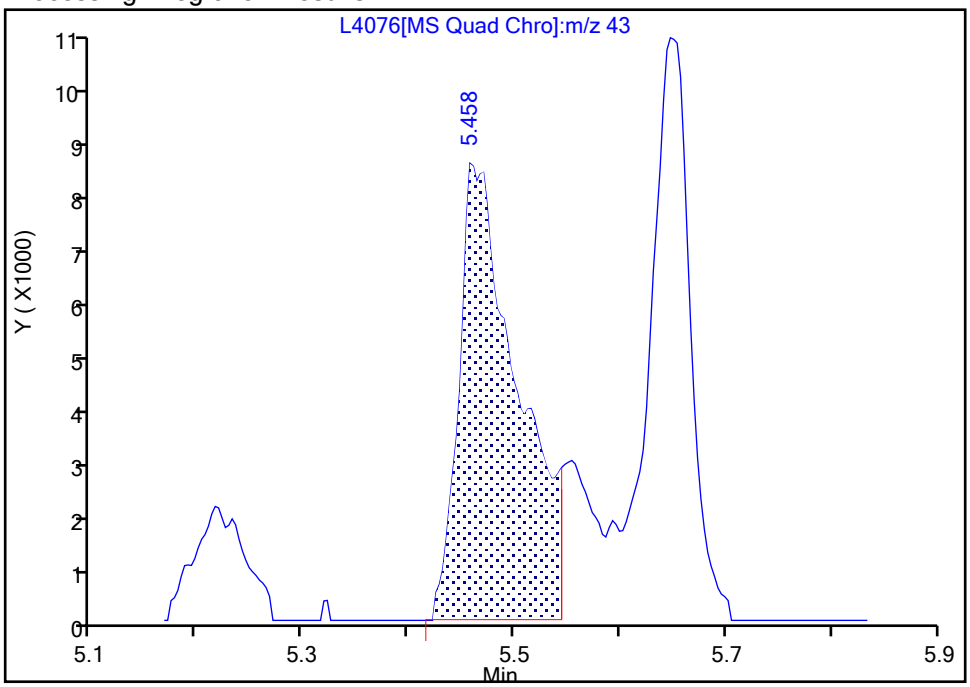
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

69 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

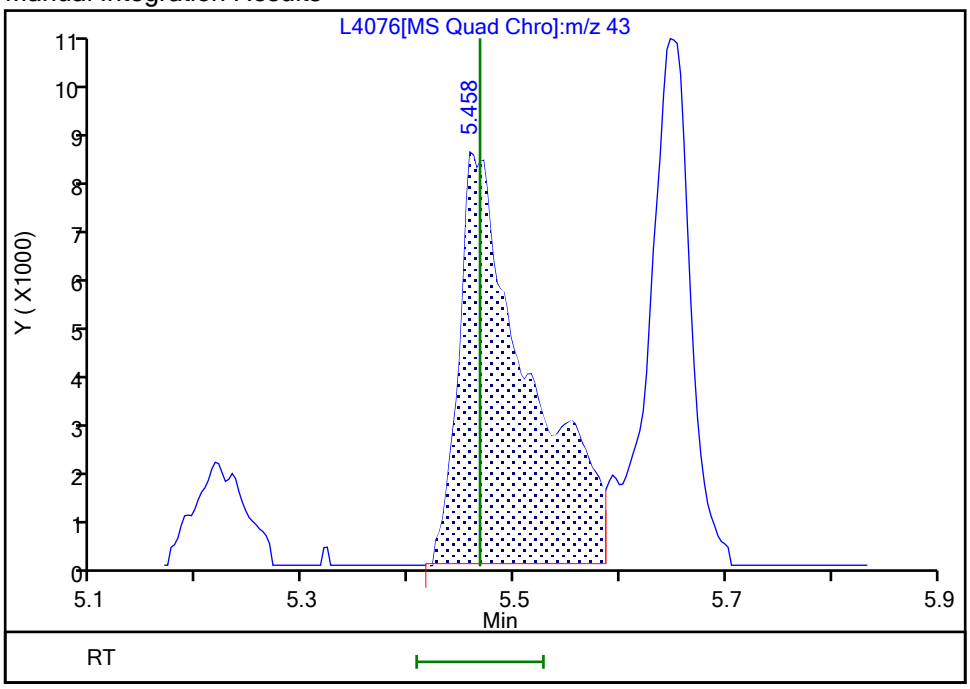
Processing Integration Results

RT: 5.46
Area: 32544
Amount: 37.492405
Amount Units: ug/L



Manual Integration Results

RT: 5.46
Area: 38175
Amount: 43.985463
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:37:36
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

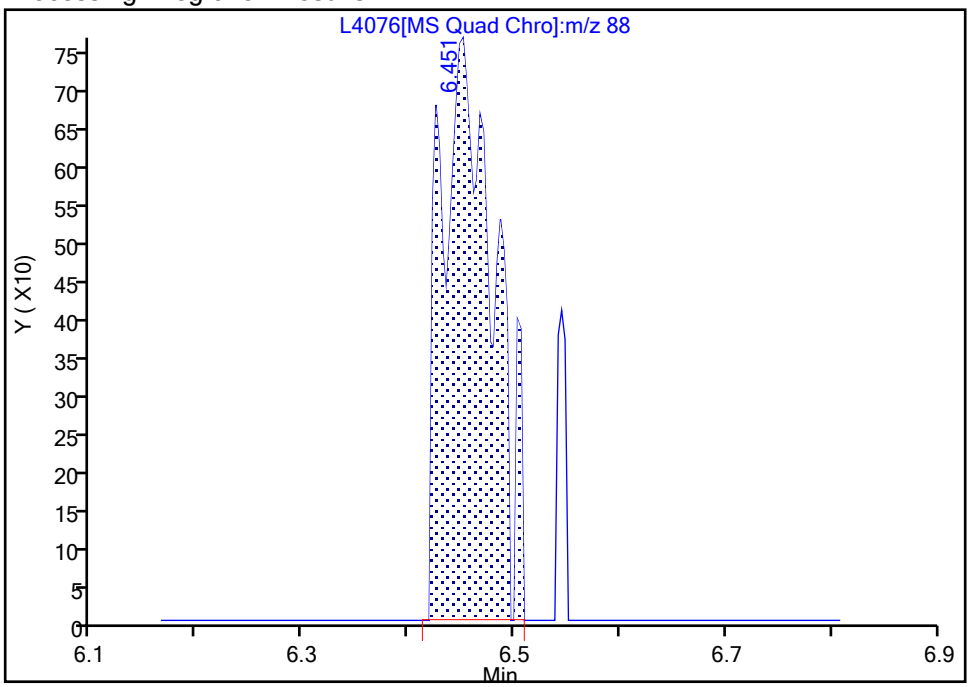
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

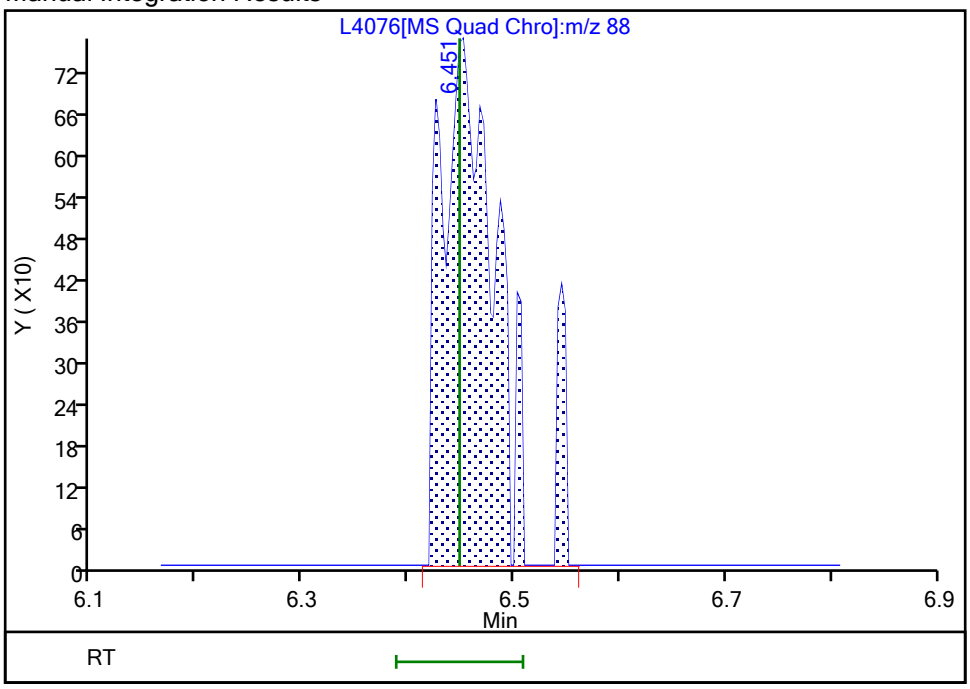
Processing Integration Results

RT: 6.45
Area: 2642
Amount: 27.048753
Amount Units: ug/L



Manual Integration Results

RT: 6.45
Area: 2863
Amount: 28.247174
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:54:38
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

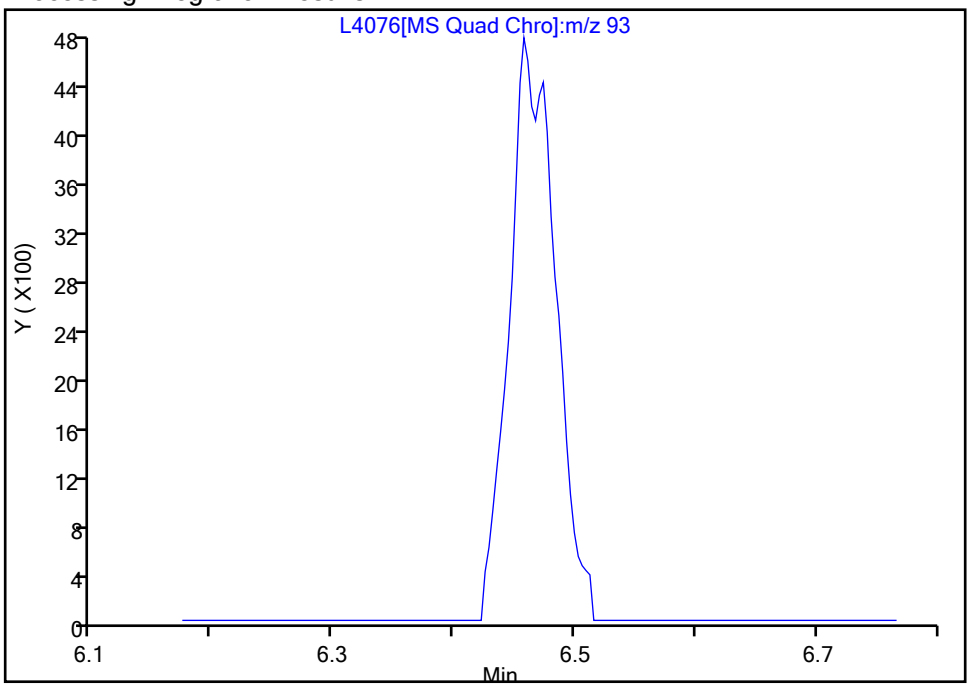
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

82 Dibromomethane, CAS: 74-95-3

Signal: 1

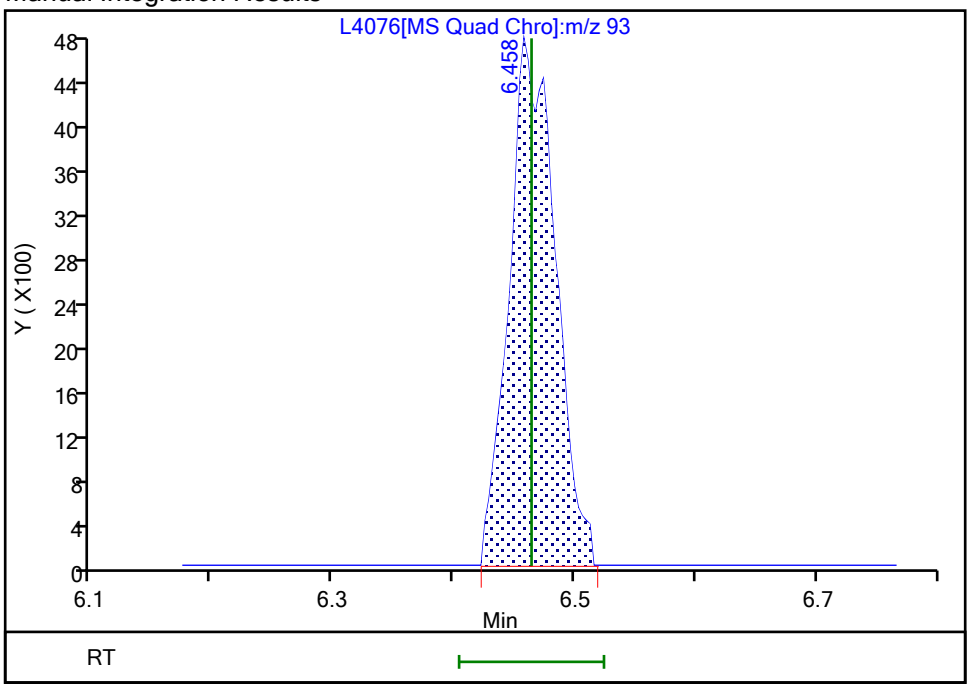
Not Detected
Expected RT: 6.46

Processing Integration Results



Manual Integration Results

RT: 6.46
Area: 12596
Amount: 2.058994
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:37:14
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

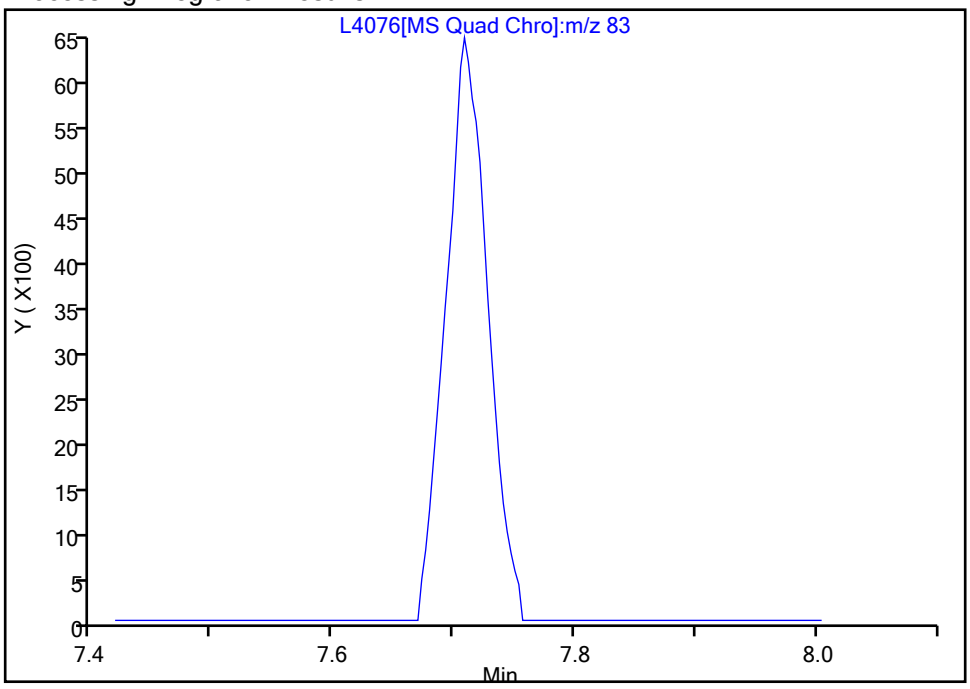
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4076.D
Injection Date: 17-Apr-2023 16:13:31 Instrument ID: HP5977L
Lims ID: IC 2
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

93 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

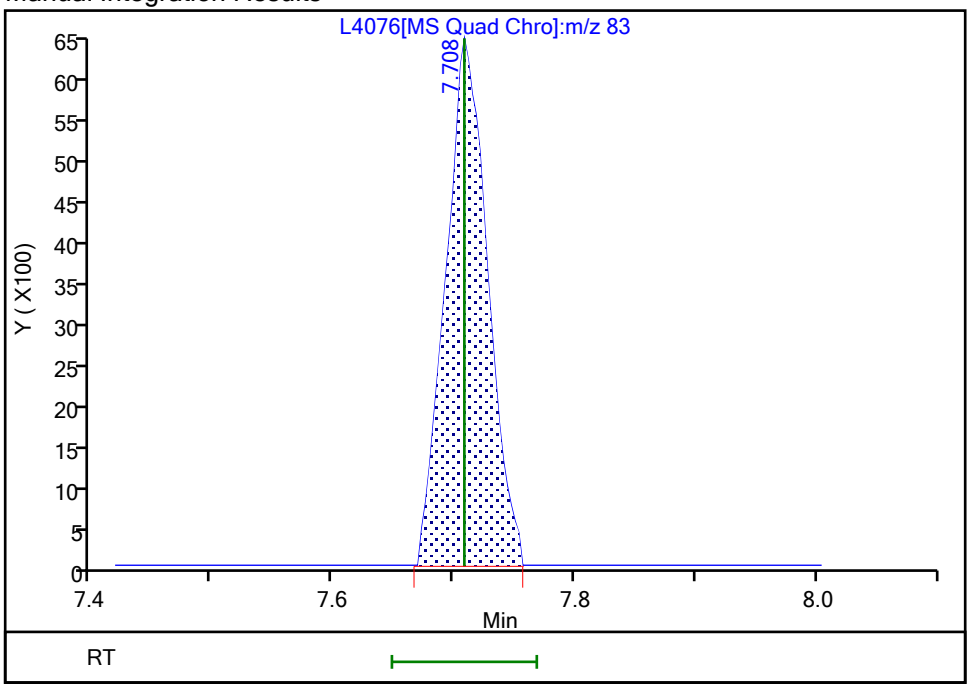
Not Detected
Expected RT: 7.71

Processing Integration Results



Manual Integration Results

RT: 7.71
Area: 15644
Amount: 2.248434
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:37:07
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2023 16:37:36 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 3
Misc. Info.: 480-0111151-016
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:17 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:41:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	147391	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	86	611093	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	95	316236	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	95	224049	25.0	24.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	97	256170	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	94	833582	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	231026	25.0	23.8	
10 Dichlorodifluoromethane	85	1.792	1.789	0.003	97	42821	5.00	4.88	M
13 Chloromethane	50	2.021	2.024	-0.003	98	58766	5.00	4.50	a
14 Vinyl chloride	62	2.133	2.133	0.000	98	49316	5.00	4.59	
15 Butadiene	54	2.149	2.152	-0.003	90	51431	5.00	4.46	
18 Bromomethane	94	2.503	2.506	-0.003	90	31919	5.00	4.75	a
19 Chloroethane	64	2.570	2.564	0.006	97	31025	5.00	4.58	
20 Dichlorofluoromethane	67	2.789	2.786	0.003	97	63760	5.00	4.62	
21 Trichlorofluoromethane	101	2.805	2.802	0.003	71	54948	5.00	4.71	
26 Ethyl ether	59	3.033	3.030	0.003	96	41228	5.00	4.50	
28 Acrolein	56	3.213	3.220	-0.007	98	20741	25.0	24.9	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.246	3.245	0.001	92	32330	5.00	4.69	
30 1,1-Dichloroethene	96	3.278	3.274	0.004	94	33927	5.00	4.60	
31 Acetone	43	3.361	3.358	0.003	98	98065	25.0	24.0	M
33 Iodomethane	142	3.461	3.451	0.010	99	64490	5.00	4.50	
35 Carbon disulfide	76	3.500	3.496	0.004	100	98059	5.00	4.45	
37 3-Chloro-1-propene	41	3.590	3.589	0.001	90	71179	5.00	4.58	
38 Methyl acetate	43	3.619	3.615	0.004	99	122989	10.0	9.42	M
39 Methylene Chloride	84	3.757	3.741	0.016	99	41892	5.00	4.74	
40 2-Methyl-2-propanol	59	3.840	3.834	0.006	99	42892	50.0	47.0	
41 Methyl tert-butyl ether	73	3.902	3.901	0.001	97	127487	5.00	4.74	
42 trans-1,2-Dichloroethene	96	3.930	3.930	0.000	98	41654	5.00	4.69	
44 Acrylonitrile	53	3.979	3.975	0.004	98	299256	50.0	46.7	
47 Hexane	57	4.085	4.088	-0.003	92	55115	5.00	4.72	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.307	4.307	0.000	96	74495	5.00	4.74	
49 Vinyl acetate	43	4.326	4.323	0.003	97	218660	10.0	9.50	
56 2,2-Dichloropropane	77	4.783	4.782	0.001	90	39133	5.00	4.82	
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	81	43620	5.00	4.49	
57 2-Butanone (MEK)	43	4.824	4.821	0.003	99	198847	25.0	24.3	
60 Chlorobromomethane	128	5.027	5.027	0.000	95	24198	5.00	4.78	
61 Tetrahydrofuran	42	5.049	5.049	0.000	92	49570	10.0	8.95	
62 Chloroform	83	5.078	5.078	0.000	94	72821	5.00	4.84	
64 1,1,1-Trichloroethane	97	5.207	5.210	-0.003	98	58982	5.00	4.75	
65 Cyclohexane	56	5.223	5.226	-0.003	85	67604	5.00	4.55	a
66 Carbon tetrachloride	117	5.336	5.339	-0.003	91	50076	5.00	4.57	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	92	54073	5.00	4.82	
69 Isobutyl alcohol	43	5.467	5.467	0.000	95	101502	125.0	117.1	
70 Benzene	78	5.538	5.535	0.003	97	159408	5.00	4.65	
72 1,2-Dichloroethane	62	5.593	5.589	0.004	96	62201	5.00	4.74	
73 n-Heptane	43	5.647	5.647	0.000	94	61901	5.00	4.51	
75 Trichloroethene	95	6.091	6.091	0.000	97	41363	5.00	4.63	
76 Methylcyclohexane	83	6.213	6.213	0.000	94	57473	5.00	4.63	
77 1,2-Dichloropropane	63	6.323	6.326	-0.003	93	44163	5.00	4.81	
81 1,4-Dioxane	88	6.448	6.448	0.000	82	11133	100.0	107.3	
82 Dibromomethane	93	6.464	6.464	0.000	95	28251	5.00	4.62	
83 Dichlorobromomethane	83	6.586	6.586	0.000	97	52448	5.00	4.65	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	93	34862	5.00	4.76	
85 cis-1,3-Dichloropropene	75	6.979	6.978	0.001	92	65946	5.00	4.71	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	97	392326	25.0	23.7	
88 Toluene	92	7.268	7.265	0.003	98	102013	5.00	4.68	
91 trans-1,3-Dichloropropene	75	7.516	7.512	0.004	95	60939	5.00	4.78	
90 Ethyl methacrylate	69	7.522	7.522	0.000	93	60236	5.00	4.70	
93 1,1,2-Trichloroethane	83	7.712	7.708	0.004	88	34972	5.00	4.91	
94 Tetrachloroethene	166	7.792	7.792	0.000	95	42745	5.00	4.70	
95 1,3-Dichloropropane	76	7.879	7.876	0.003	93	70447	5.00	4.84	
96 2-Hexanone	43	7.901	7.901	0.000	98	282534	25.0	24.1	
98 Chlorodibromomethane	129	8.114	8.114	0.000	92	43751	5.00	4.64	
101 Ethylene Dibromide	107	8.242	8.239	0.003	95	45031	5.00	4.81	
103 Chlorobenzene	112	8.696	8.695	0.001	96	118537	5.00	4.72	
104 Ethylbenzene	91	8.763	8.763	0.000	98	185627	5.00	4.70	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	93	42015	5.00	4.72	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	98	74012	5.00	4.66	
107 o-Xylene	106	9.316	9.313	0.003	96	73870	5.00	4.67	
109 Styrene	104	9.335	9.339	-0.004	95	121924	5.00	4.73	
110 Bromoform	173	9.612	9.612	0.000	94	29723	5.00	4.51	
111 Isopropylbenzene	105	9.683	9.686	-0.003	95	187698	5.00	4.63	
113 Bromobenzene	156	10.081	10.078	0.003	94	49486	5.00	4.65	
112 1,1,2,2-Tetrachloroethane	83	10.094	10.091	0.003	95	64622	5.00	4.70	
114 N-Propylbenzene	91	10.126	10.126	0.000	99	224144	5.00	4.69	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	73	21148	5.00	4.62	
116 1,2,3-Trichloropropane	110	10.143	10.142	0.000	88	21189	5.00	4.65	
117 2-Chlorotoluene	126	10.258	10.255	0.003	97	44504	5.00	4.49	
118 1,3,5-Trimethylbenzene	105	10.303	10.300	0.003	94	158696	5.00	4.74	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	132148	5.00	4.64	
120 tert-Butylbenzene	134	10.631	10.631	0.000	92	37747	5.00	4.73	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	96	160808	5.00	4.64	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.840	10.837	0.003	91	203408	5.00	4.62	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	98	176011	5.00	4.70	
124 1,3-Dichlorobenzene	146	11.001	10.998	0.003	96	94400	5.00	4.72	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	96	96019	5.00	4.58	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	151353	5.00	4.60	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	98	91130	5.00	4.63	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.133	0.000	81	13820	5.00	4.81	
130 1,2,4-Trichlorobenzene	180	12.757	12.756	0.001	94	60017	5.00	4.58	
131 Hexachlorobutadiene	225	12.847	12.847	0.001	95	22060	5.00	4.35	
132 Naphthalene	128	12.975	12.975	0.000	97	202811	5.00	4.42	
133 1,2,3-Trichlorobenzene	180	13.175	13.174	0.001	94	56534	5.00	4.49	
S 143 Xylenes, Total	1				0			9.33	
S 142 Total BTEX	1				0			23.4	
S 144 1,3-Dichloropropene, Total	1				0			9.49	
S 141 1,2-Dichloroethene, Total	1				0			9.17	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

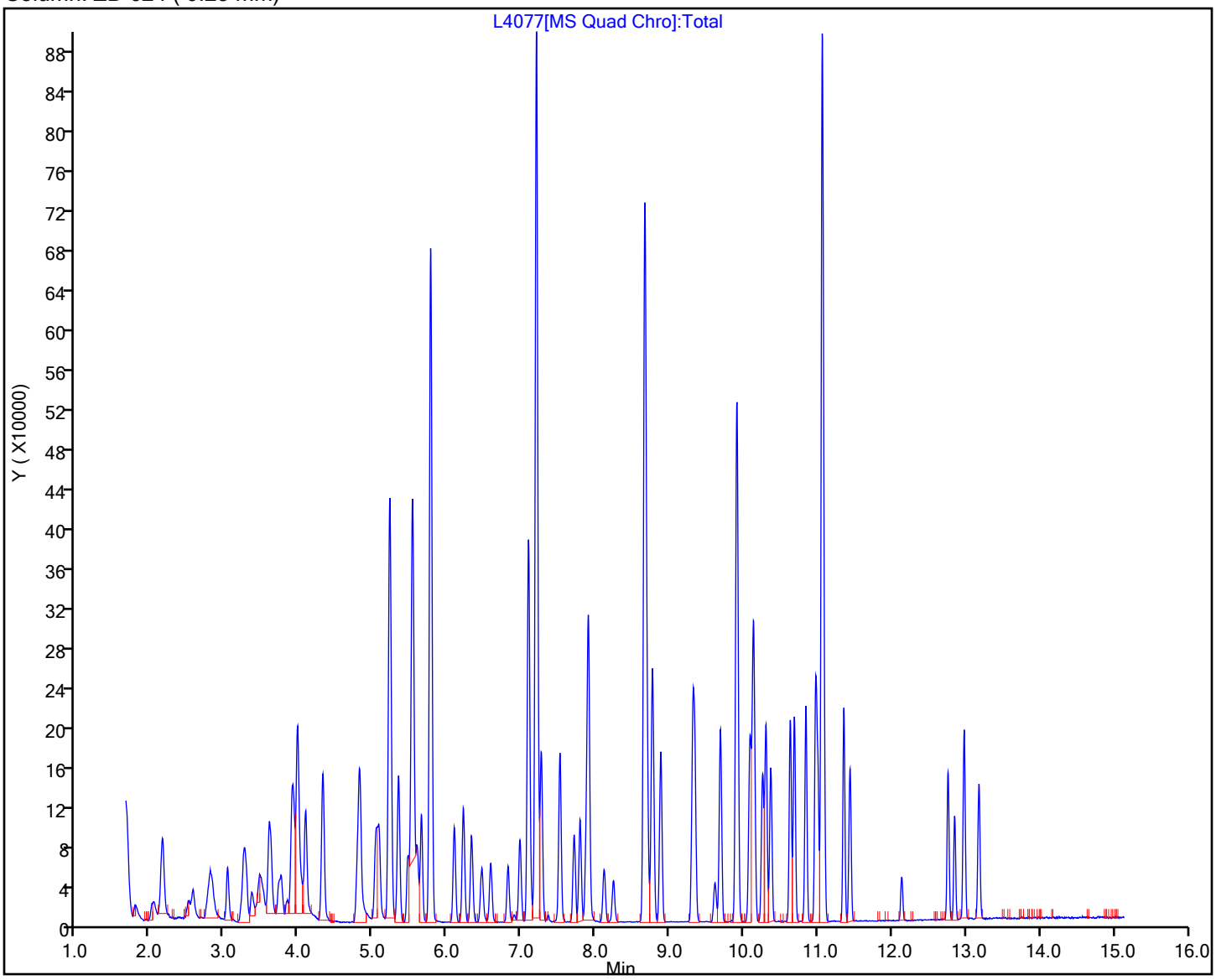
Reagents:

8260 CORP mix_00236	Amount Added:	5.00	Units: uL	
GAS CORP mix_00561	Amount Added:	5.00	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:17 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

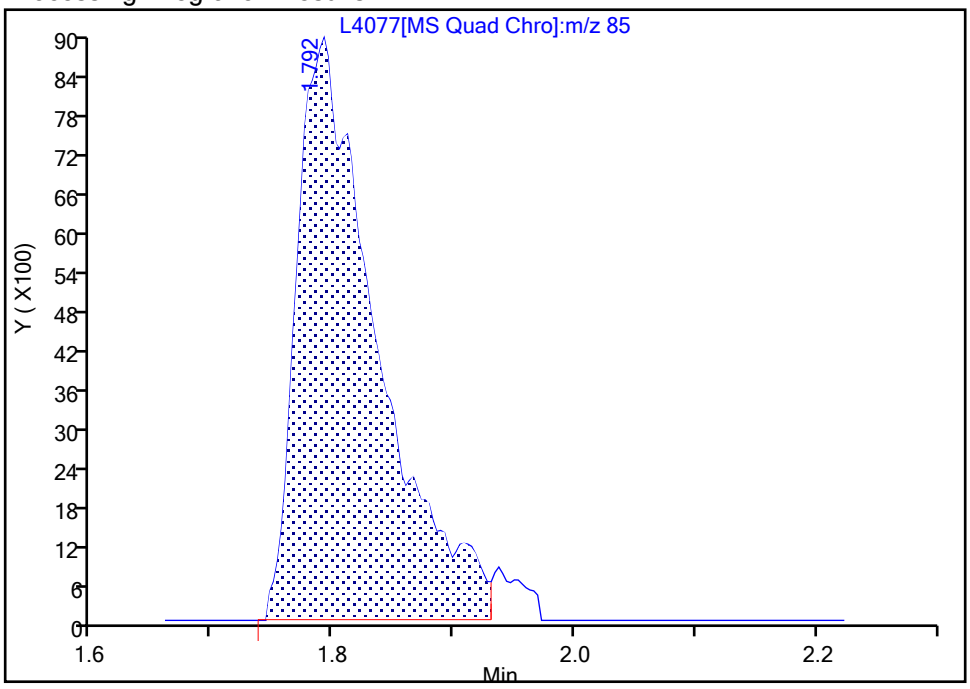
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

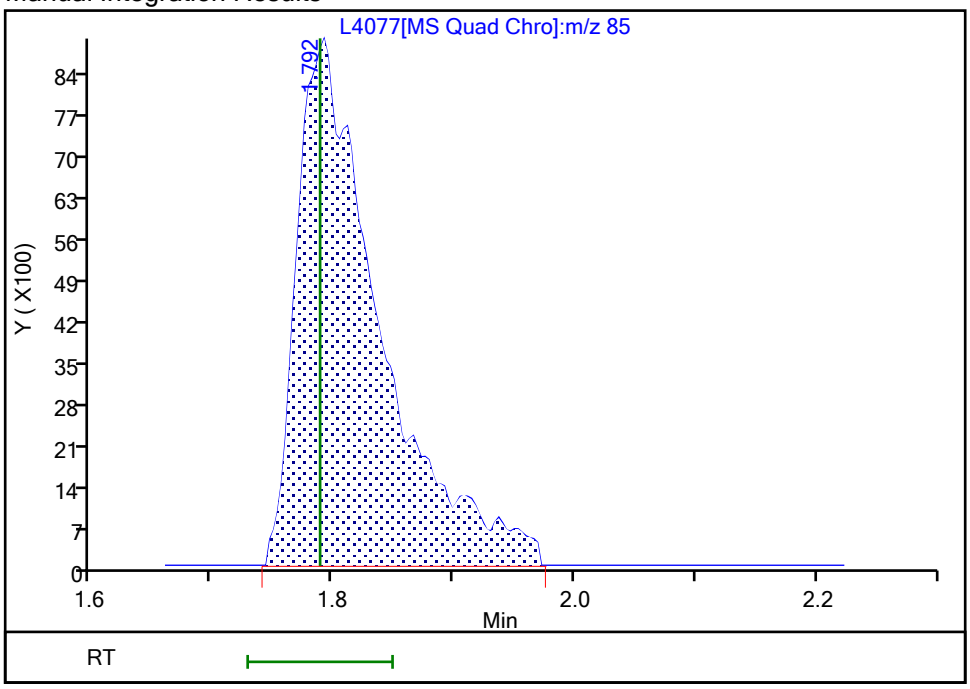
Processing Integration Results

RT: 1.79
Area: 41458
Amount: 4.599450
Amount Units: ug/L



Manual Integration Results

RT: 1.79
Area: 42821
Amount: 4.875545
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:48:18
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

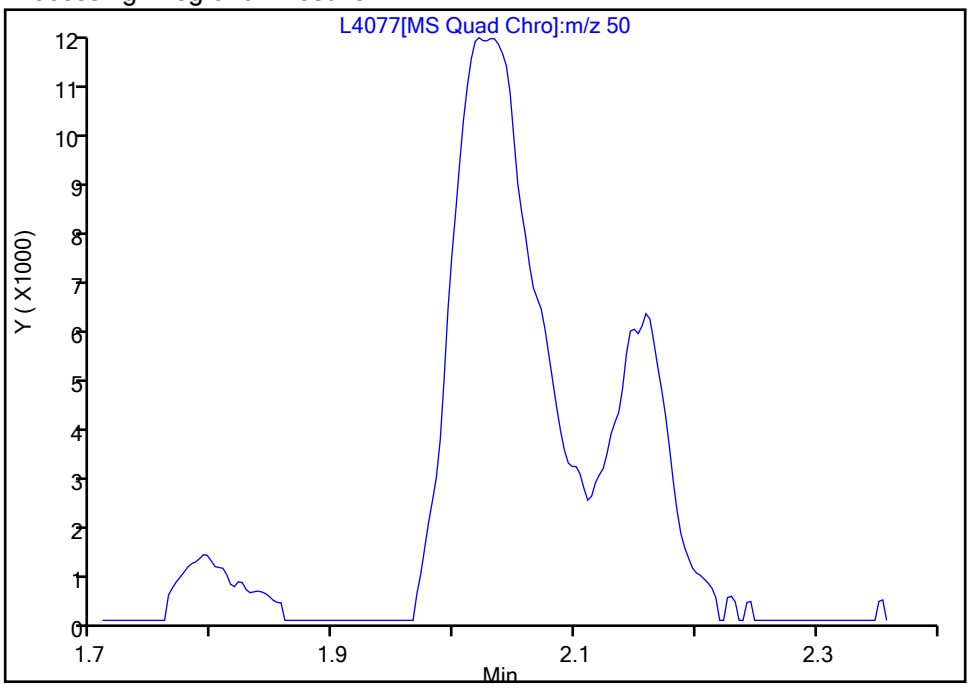
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

13 Chloromethane, CAS: 74-87-3

Signal: 1

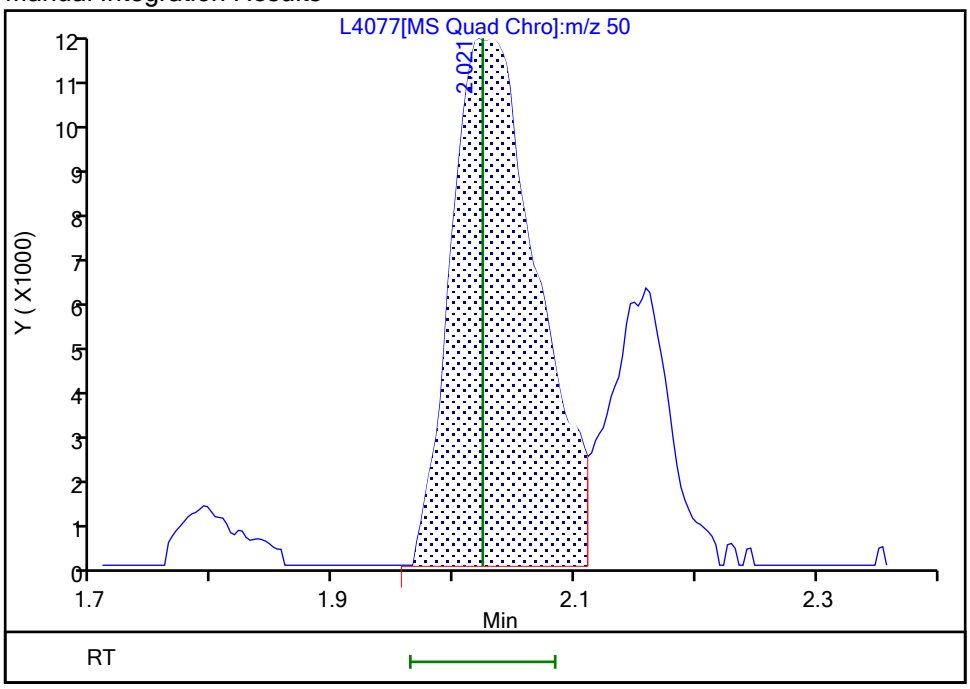
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 58766
Amount: 4.496247
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:48:23
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

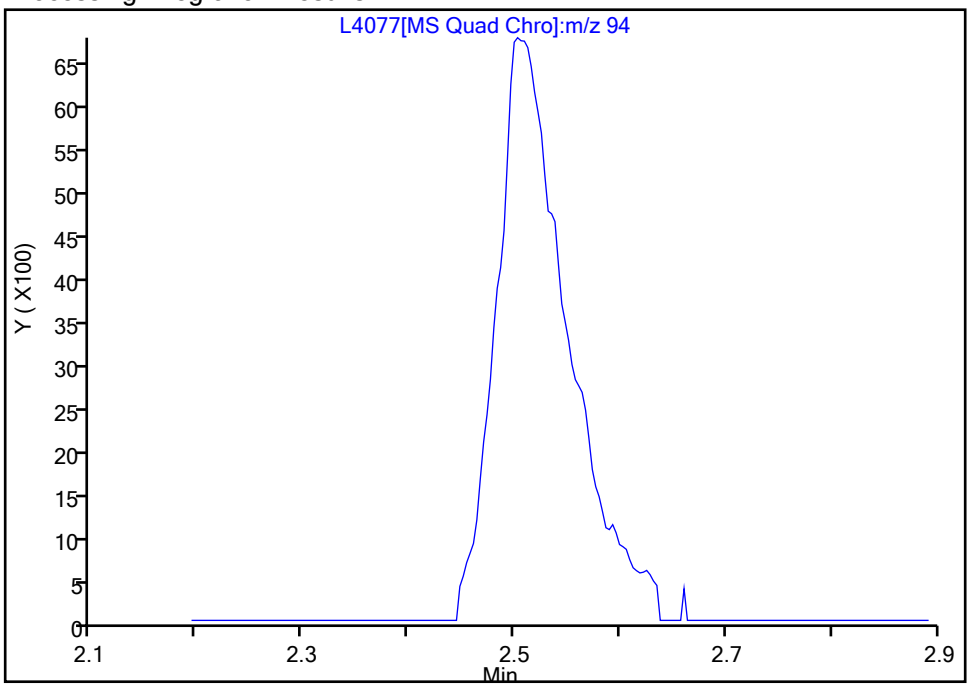
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

18 Bromomethane, CAS: 74-83-9

Signal: 1

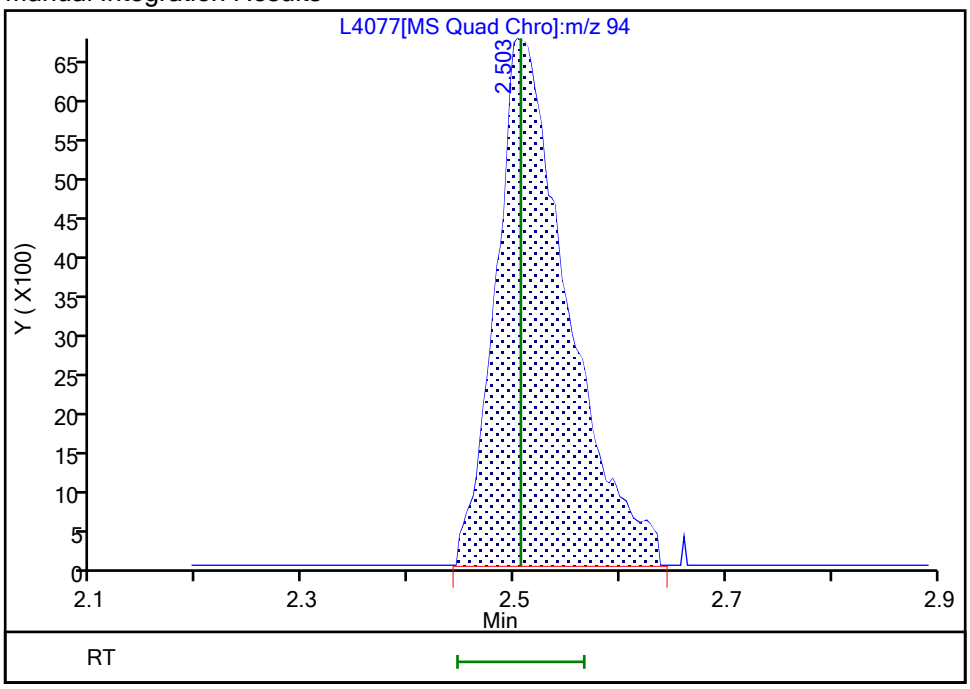
Not Detected
Expected RT: 2.51

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 31919
Amount: 4.754050
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:48:28
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

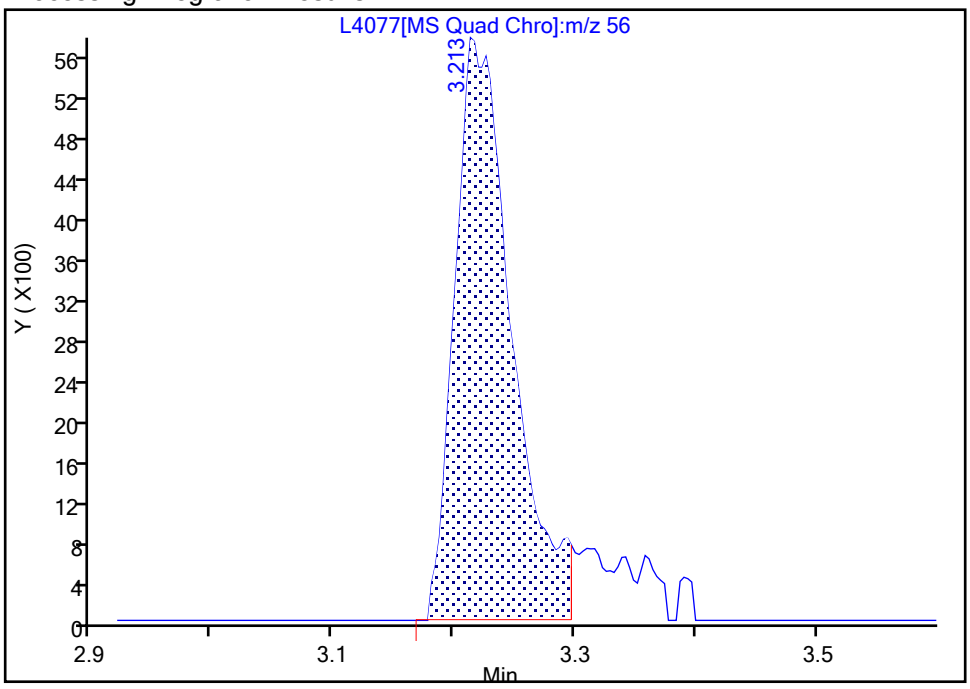
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

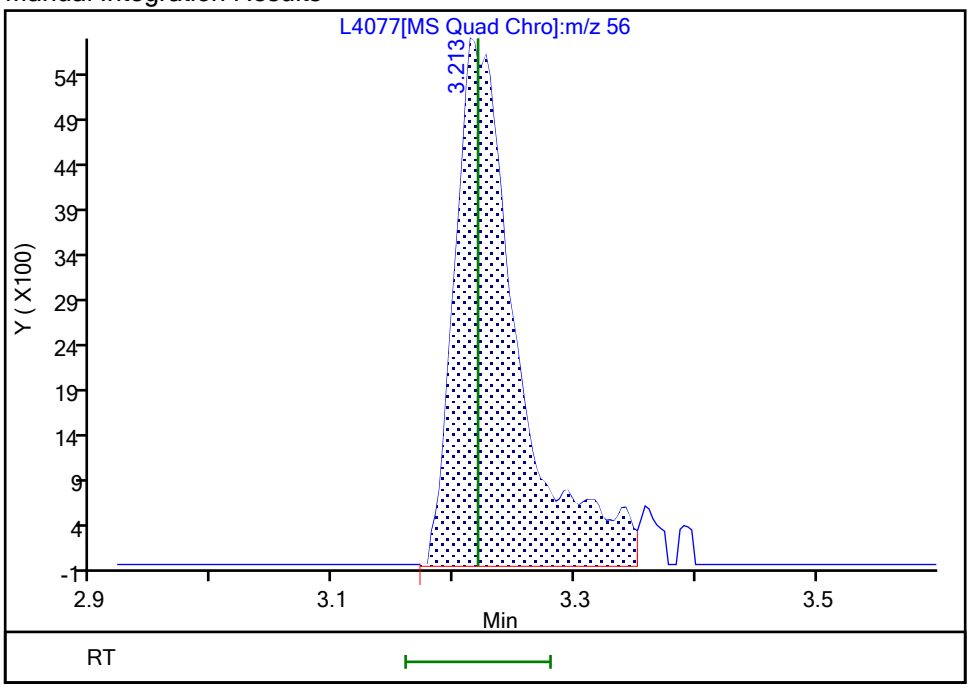
Processing Integration Results

RT: 3.21
Area: 18769
Amount: 21.228092
Amount Units: ug/L



Manual Integration Results

RT: 3.21
Area: 20741
Amount: 24.941291
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:13:24
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

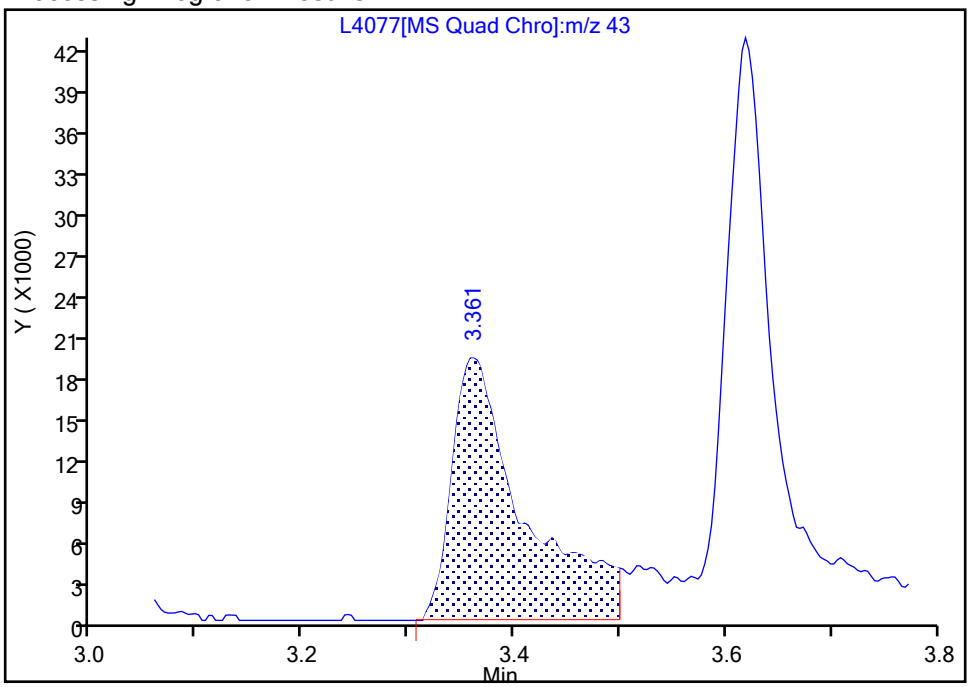
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

31 Acetone, CAS: 67-64-1

Signal: 1

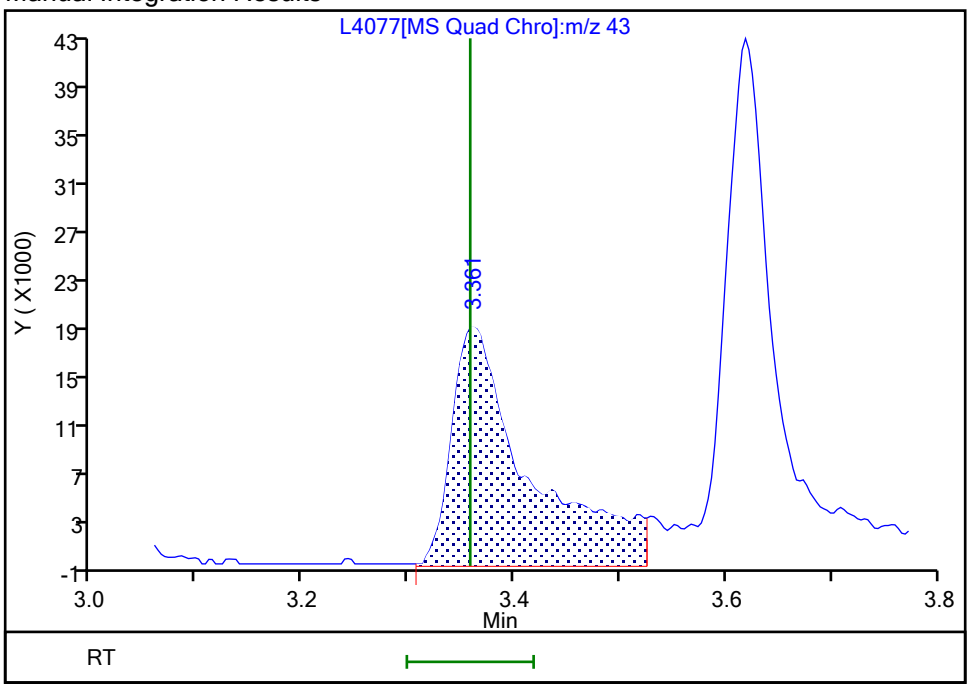
Processing Integration Results

RT: 3.36
Area: 90911
Amount: 22.241408
Amount Units: ug/L



Manual Integration Results

RT: 3.36
Area: 98065
Amount: 24.021731
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:51:05
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

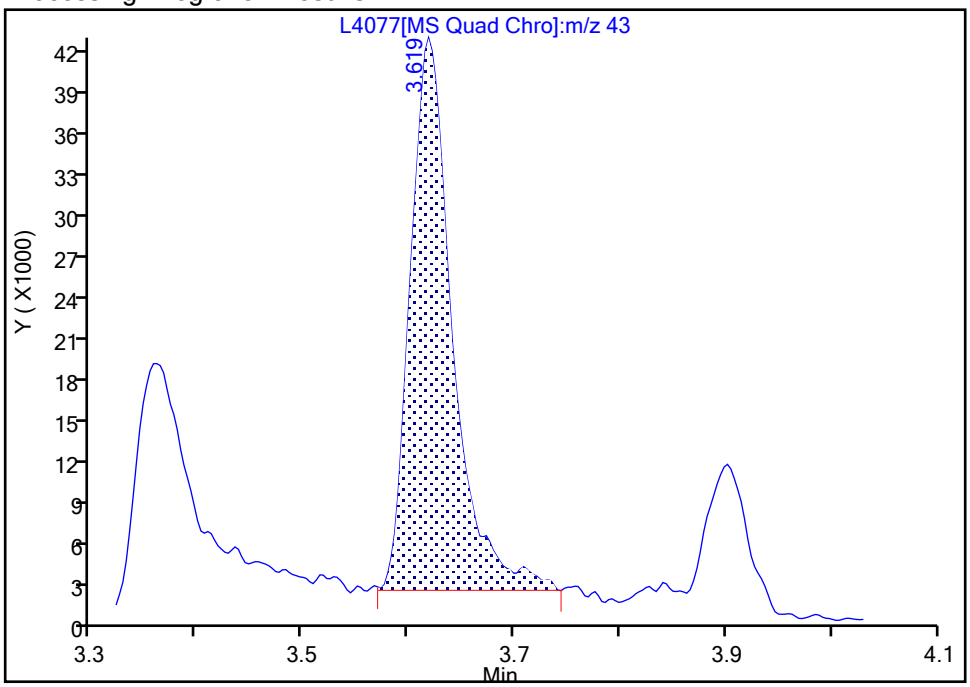
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

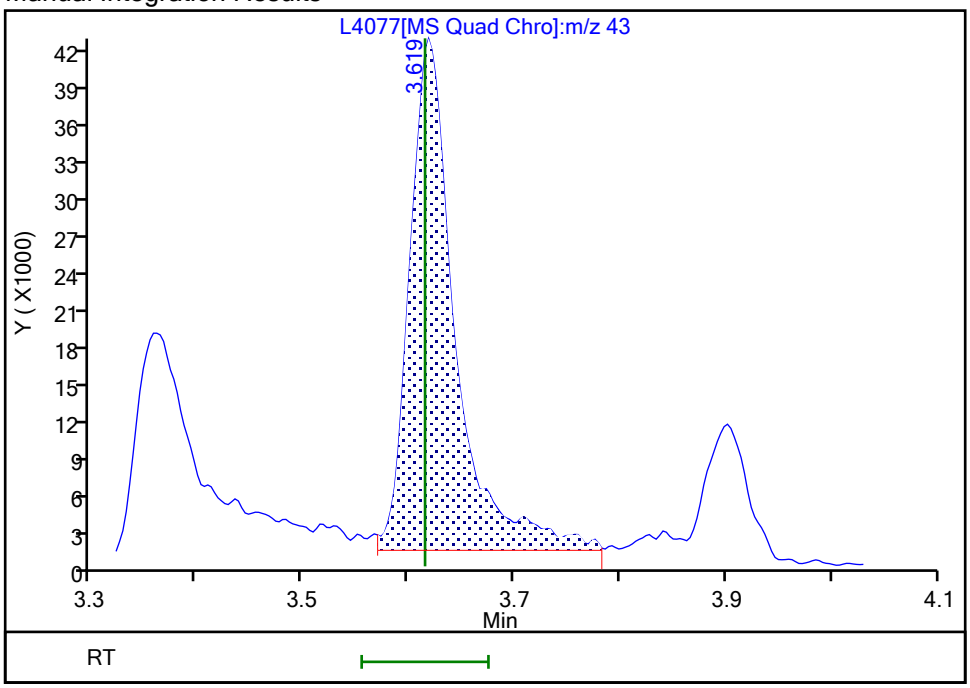
Processing Integration Results

RT: 3.62
Area: 109958
Amount: 8.417399
Amount Units: ug/L



Manual Integration Results

RT: 3.62
Area: 122989
Amount: 9.417423
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:41:03
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

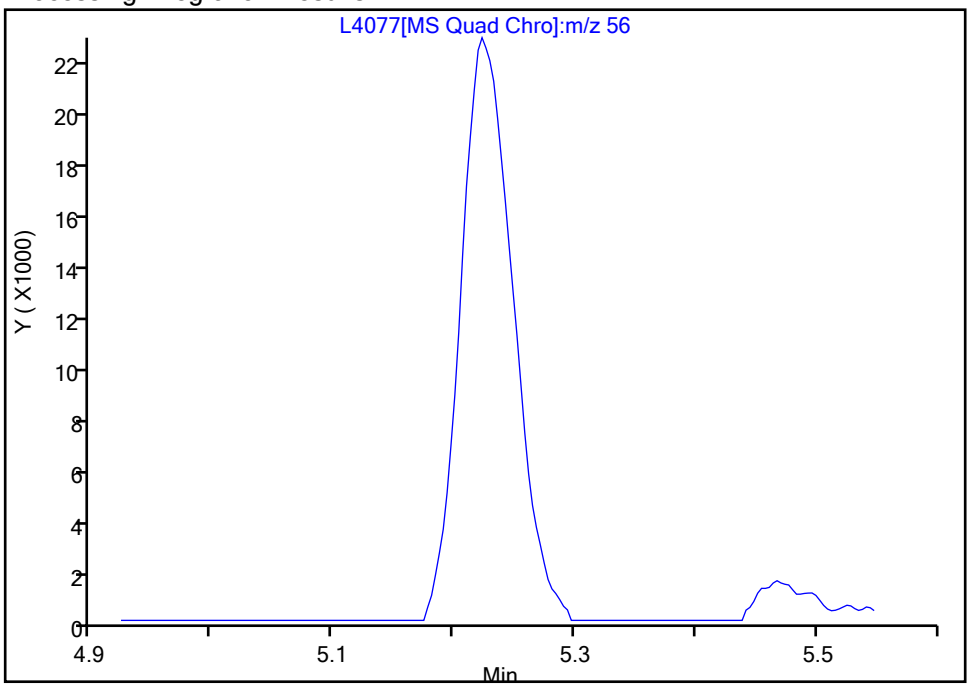
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4077.D
Injection Date: 17-Apr-2023 16:37:36 Instrument ID: HP5977L
Lims ID: IC 3
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

65 Cyclohexane, CAS: 110-82-7

Signal: 1

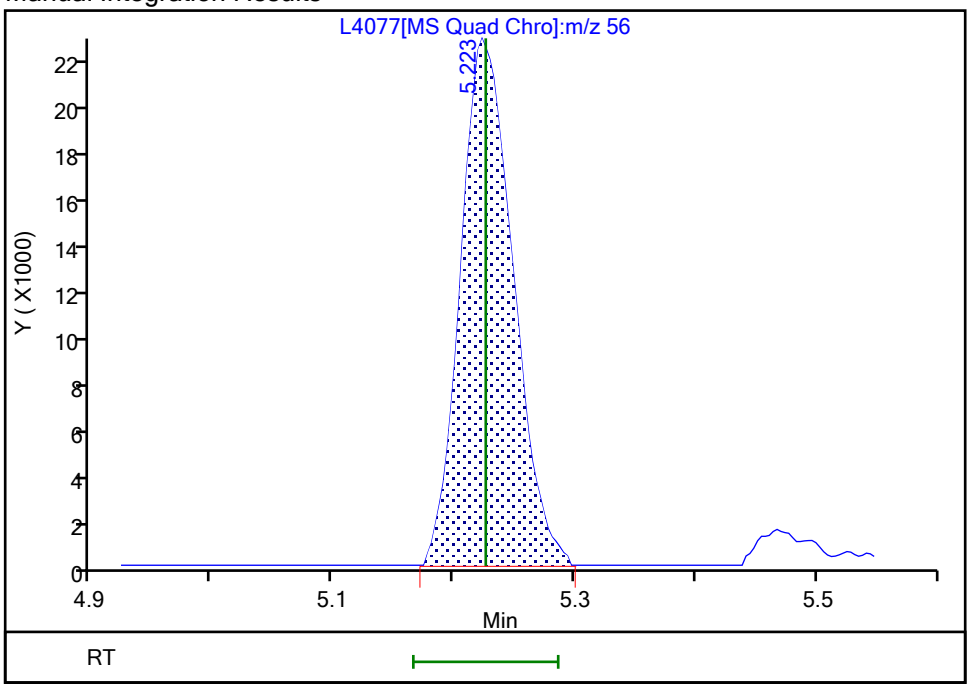
Not Detected
Expected RT: 5.23

Processing Integration Results



Manual Integration Results

RT: 5.22
Area: 67604
Amount: 4.549618
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:51:40
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2023 17:02:08 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 4
Misc. Info.: 480-0111151-017
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:22 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:54:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	144258	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	85	591631	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	95	303120	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	95	225681	25.0	24.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	96	257956	25.0	25.3	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	833432	25.0	25.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	246746	25.0	26.3	
10 Dichlorodifluoromethane	85	1.789	1.789	0.000	98	78483	10.0	9.13	M
13 Chloromethane	50	2.027	2.024	0.003	98	114793	10.0	8.97	
14 Vinyl chloride	62	2.130	2.133	-0.003	97	94041	10.0	8.95	
15 Butadiene	54	2.156	2.152	0.004	91	92992	10.0	8.24	
18 Bromomethane	94	2.509	2.506	0.003	92	57020	10.0	8.68	a
19 Chloroethane	64	2.570	2.564	0.006	96	59483	10.0	8.96	
20 Dichlorofluoromethane	67	2.792	2.786	0.006	96	120146	10.0	8.90	
21 Trichlorofluoromethane	101	2.811	2.802	0.009	94	98746	10.0	8.66	
26 Ethyl ether	59	3.033	3.030	0.003	97	85395	10.0	9.53	
28 Acrolein	56	3.220	3.220	0.000	99	40794	50.0	50.1	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.252	3.245	0.007	93	61303	10.0	9.09	
30 1,1-Dichloroethene	96	3.278	3.274	0.004	96	64559	10.0	8.94	
31 Acetone	43	3.358	3.358	0.000	100	203383	50.0	50.9	
33 Iodomethane	142	3.461	3.451	0.010	99	128776	10.0	9.18	
35 Carbon disulfide	76	3.503	3.496	0.007	100	181045	10.0	8.39	
37 3-Chloro-1-propene	41	3.590	3.589	0.001	92	140140	10.0	9.20	
38 Methyl acetate	43	3.615	3.615	0.000	99	242325	20.0	19.0	M
39 Methylene Chloride	84	3.750	3.741	0.009	97	81572	10.0	9.43	
40 2-Methyl-2-propanol	59	3.837	3.834	0.003	99	86359	100.0	96.6	
41 Methyl tert-butyl ether	73	3.898	3.901	-0.003	98	249040	10.0	9.45	
42 trans-1,2-Dichloroethene	96	3.930	3.930	0.000	98	79897	10.0	9.19	
44 Acrylonitrile	53	3.975	3.975	0.000	99	631740	100.0	100.7	
47 Hexane	57	4.085	4.088	-0.003	94	111831	10.0	9.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.307	4.307	0.000	96	144769	10.0	9.41	
49 Vinyl acetate	43	4.323	4.323	0.000	97	444363	20.0	19.7	
56 2,2-Dichloropropane	77	4.779	4.782	-0.003	90	72641	10.0	9.14	a
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	80	90762	10.0	9.54	
57 2-Butanone (MEK)	43	4.821	4.821	0.000	99	415283	50.0	51.8	
60 Chlorobromomethane	128	5.030	5.027	0.003	97	49692	10.0	10.0	
61 Tetrahydrofuran	42	5.049	5.049	0.000	92	109926	20.0	20.3	
62 Chloroform	83	5.078	5.078	0.000	95	135756	10.0	9.22	
64 1,1,1-Trichloroethane	97	5.207	5.210	-0.003	98	108703	10.0	8.95	
65 Cyclohexane	56	5.223	5.226	-0.003	80	127952	10.0	8.80	
66 Carbon tetrachloride	117	5.339	5.339	0.000	95	92864	10.0	8.66	
67 1,1-Dichloropropene	75	5.339	5.342	-0.003	91	96967	10.0	8.82	
69 Isobutyl alcohol	43	5.464	5.467	-0.003	93	216643	250.0	255.4	
70 Benzene	78	5.538	5.535	0.003	98	307619	10.0	9.17	
72 1,2-Dichloroethane	62	5.590	5.589	0.001	95	120484	10.0	9.38	
73 n-Heptane	43	5.647	5.647	0.000	95	129899	10.0	9.68	
75 Trichloroethene	95	6.091	6.091	0.000	96	80612	10.0	9.21	
76 Methylcyclohexane	83	6.217	6.213	0.004	95	113583	10.0	9.35	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	93	84811	10.0	9.44	
81 1,4-Dioxane	88	6.448	6.448	0.000	95	22206	200.0	221.1	M
82 Dibromomethane	93	6.464	6.464	0.000	97	58408	10.0	9.77	
83 Dichlorobromomethane	83	6.583	6.586	-0.003	98	105657	10.0	9.57	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	92	73042	10.0	10.2	
85 cis-1,3-Dichloropropene	75	6.979	6.978	0.001	93	133209	10.0	9.72	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	98	809184	50.0	50.6	
88 Toluene	92	7.268	7.265	0.003	99	200989	10.0	9.52	
91 trans-1,3-Dichloropropene	75	7.516	7.512	0.004	96	121402	10.0	9.83	
90 Ethyl methacrylate	69	7.519	7.522	-0.003	93	124447	10.0	10.0	
93 1,1,2-Trichloroethane	83	7.708	7.708	0.000	93	68561	10.0	9.94	
94 Tetrachloroethene	166	7.792	7.792	0.000	96	81432	10.0	9.25	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	96	138816	10.0	9.85	
96 2-Hexanone	43	7.901	7.901	0.000	98	578529	50.0	50.9	
98 Chlorodibromomethane	129	8.114	8.114	0.000	91	90015	10.0	9.86	
101 Ethylene Dibromide	107	8.239	8.239	0.000	98	89232	10.0	9.85	
103 Chlorobenzene	112	8.696	8.695	0.001	96	229122	10.0	9.42	
104 Ethylbenzene	91	8.763	8.763	0.000	98	355555	10.0	9.30	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	95	81555	10.0	9.46	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	143821	10.0	9.35	
107 o-Xylene	106	9.313	9.313	0.000	96	143494	10.0	9.37	
109 Styrene	104	9.339	9.339	0.000	96	244682	10.0	9.81	
110 Bromoform	173	9.612	9.612	0.000	94	61370	10.0	9.62	
111 Isopropylbenzene	105	9.686	9.686	0.000	96	360291	10.0	9.26	
113 Bromobenzene	156	10.075	10.078	-0.003	94	95879	10.0	9.40	
112 1,1,2,2-Tetrachloroethane	83	10.094	10.091	0.003	95	129072	10.0	9.79	
114 N-Propylbenzene	91	10.126	10.126	0.000	98	426556	10.0	9.30	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	74	44458	10.0	10.1	
116 1,2,3-Trichloropropane	110	10.142	10.142	0.000	88	44506	10.0	10.2	
117 2-Chlorotoluene	126	10.255	10.255	0.000	98	88463	10.0	9.31	a
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	300718	10.0	9.36	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	252036	10.0	9.23	
120 tert-Butylbenzene	134	10.631	10.631	0.000	92	71273	10.0	9.32	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	97	316646	10.0	9.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	94	381574	10.0	9.04	
123 4-Isopropyltoluene	119	10.972	10.969	0.003	97	333715	10.0	9.30	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	179923	10.0	9.38	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	183643	10.0	9.14	
127 n-Butylbenzene	91	11.351	11.351	0.000	97	289247	10.0	9.18	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	98	179199	10.0	9.50	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.133	0.000	85	27870	10.0	10.1	
130 1,2,4-Trichlorobenzene	180	12.760	12.756	0.004	95	117171	10.0	9.33	
131 Hexachlorobutadiene	225	12.847	12.847	0.001	97	44787	10.0	9.22	
132 Naphthalene	128	12.975	12.975	0.000	97	423708	10.0	9.64	
133 1,2,3-Trichlorobenzene	180	13.175	13.174	0.001	96	115629	10.0	9.58	
S 143 Xylenes, Total	1				0			18.7	
S 142 Total BTEX	1				0			46.7	
S 144 1,3-Dichloropropene, Total	1				0			19.5	
S 141 1,2-Dichloroethene, Total	1				0			18.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

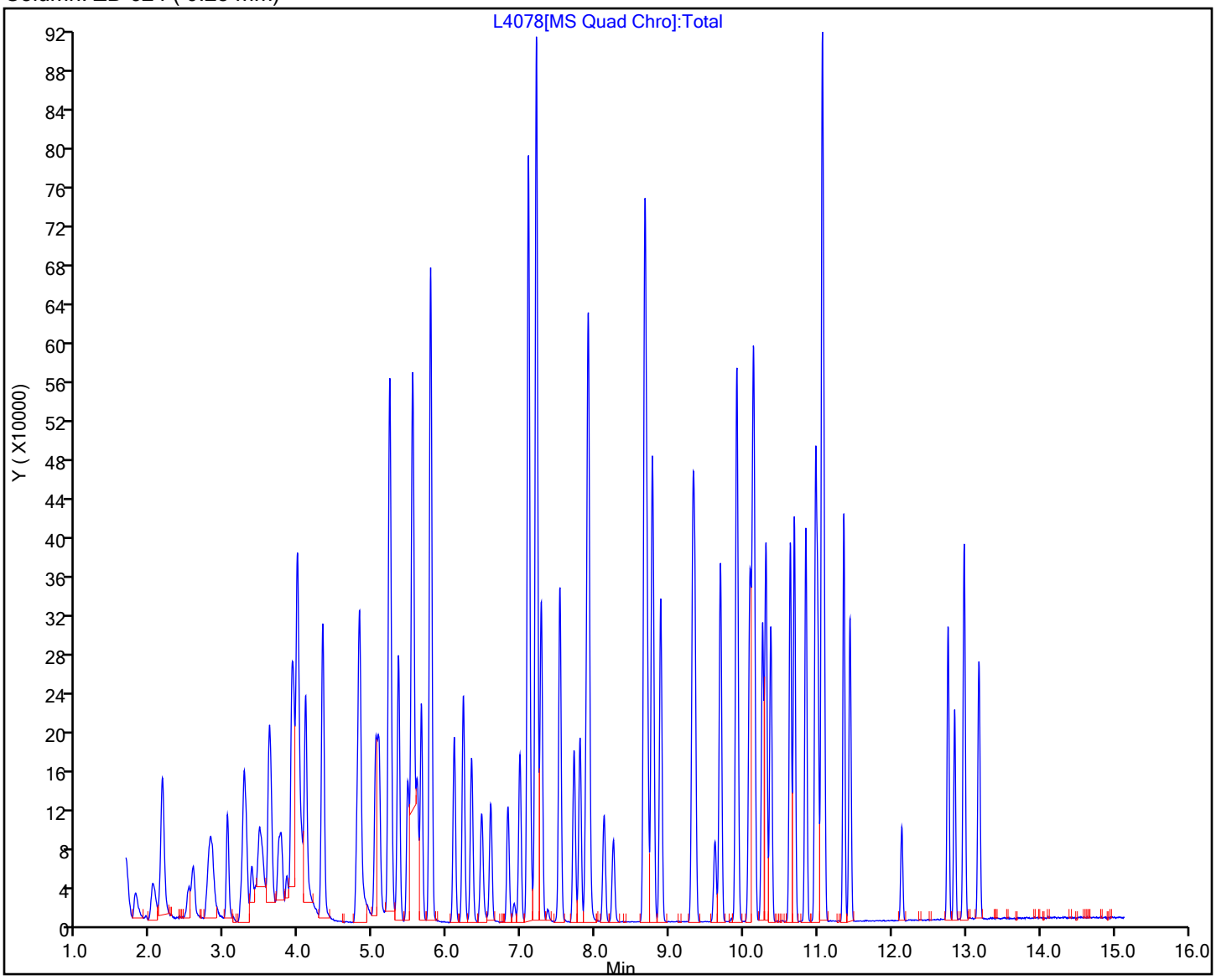
Reagents:

8260 CORP mix_00236	Amount Added:	5.00	Units: uL	
GAS CORP mix_00561	Amount Added:	5.00	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:23 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Eurofins Buffalo

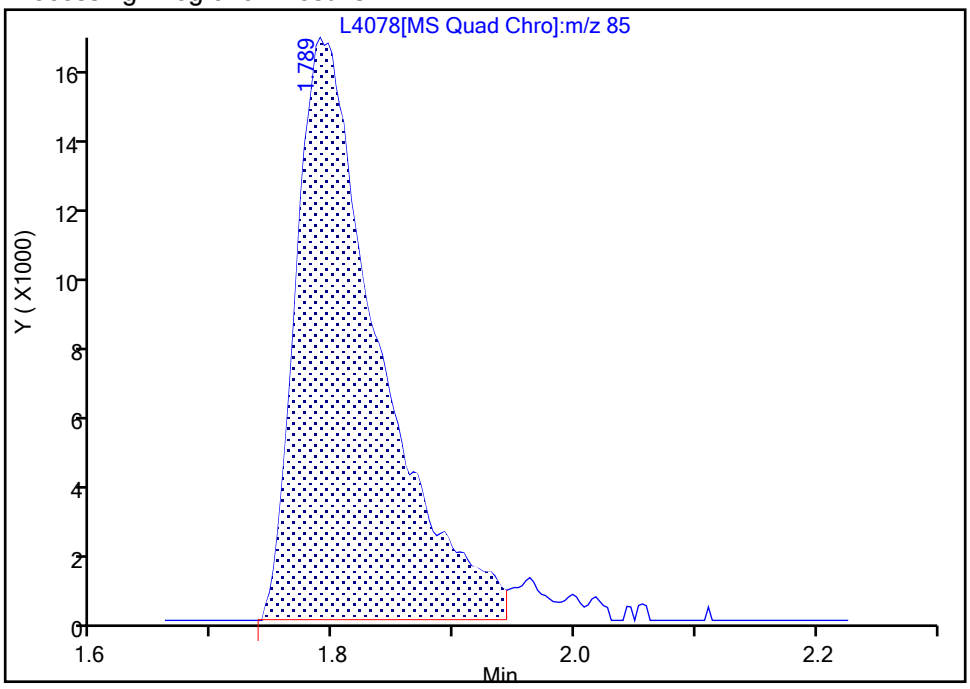
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

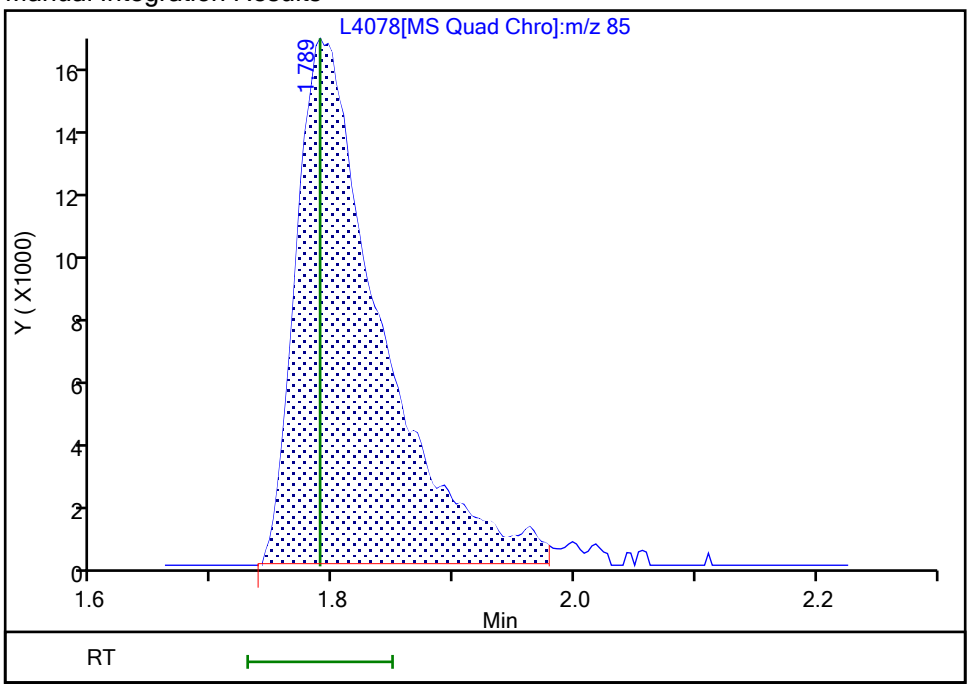
Processing Integration Results

RT: 1.79
Area: 76963
Amount: 8.691043
Amount Units: ug/L



Manual Integration Results

RT: 1.79
Area: 78483
Amount: 9.130047
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:59:16
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

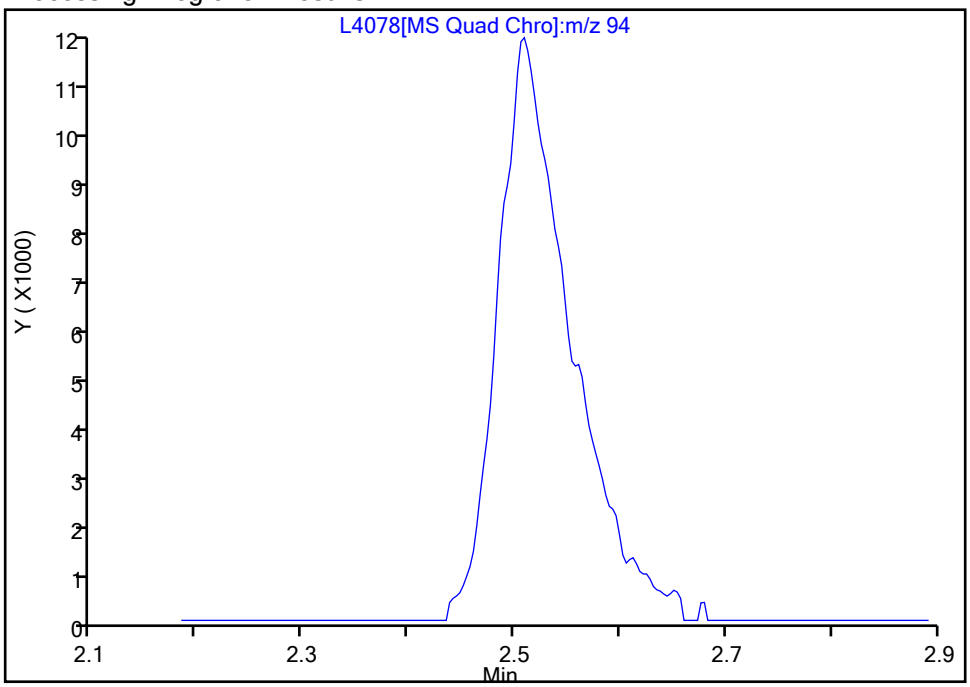
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

18 Bromomethane, CAS: 74-83-9

Signal: 1

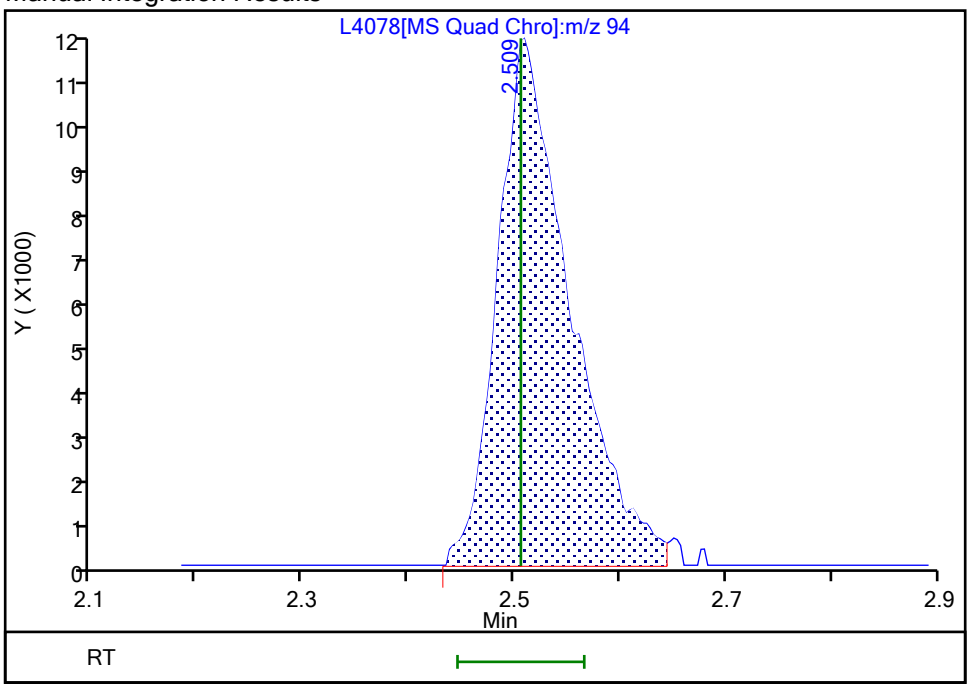
Not Detected
Expected RT: 2.51

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 57020
Amount: 8.677062
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:56:52
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

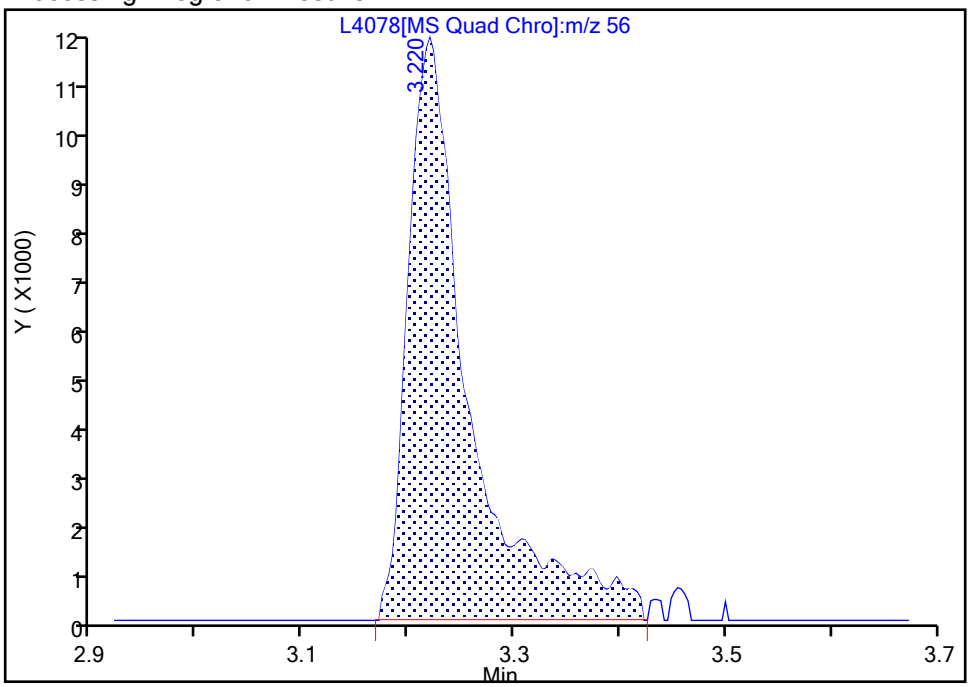
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

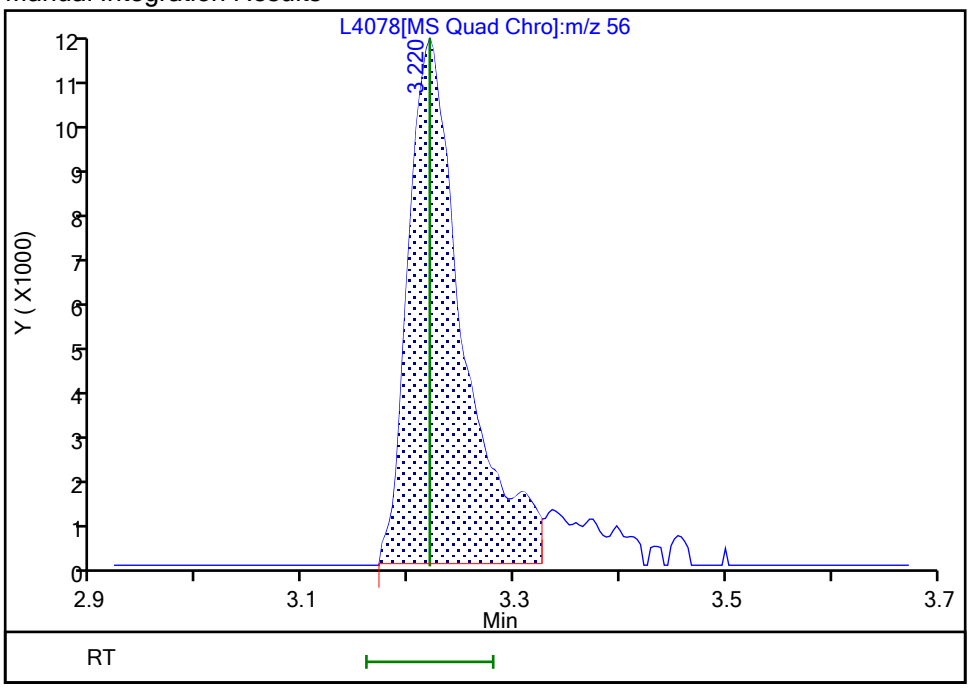
Processing Integration Results

RT: 3.22
Area: 45493
Amount: 52.720879
Amount Units: ug/L



Manual Integration Results

RT: 3.22
Area: 40794
Amount: 50.120638
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:09:32
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

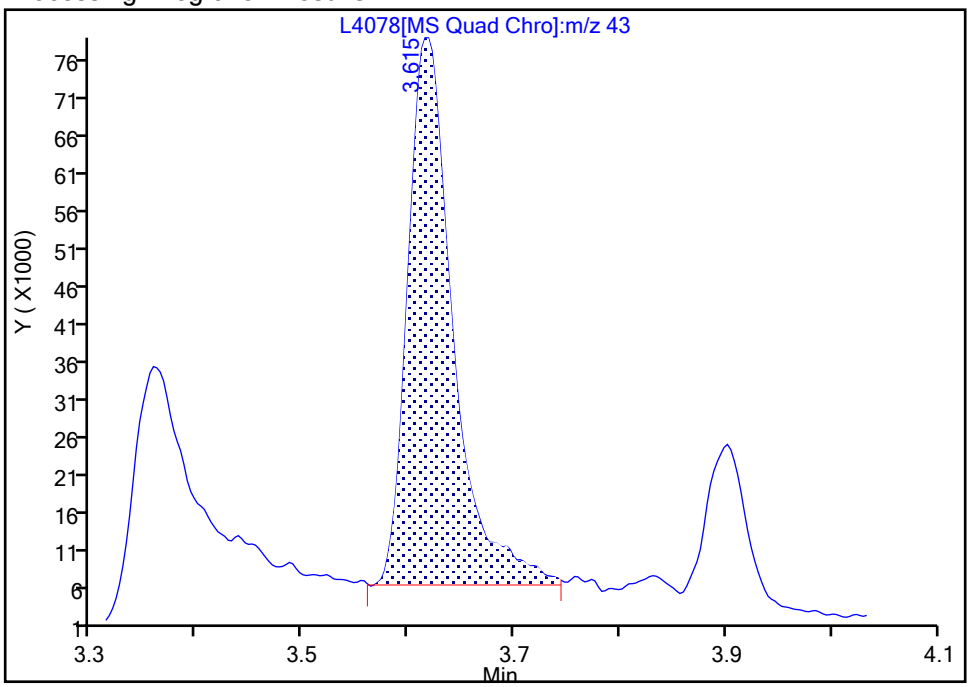
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

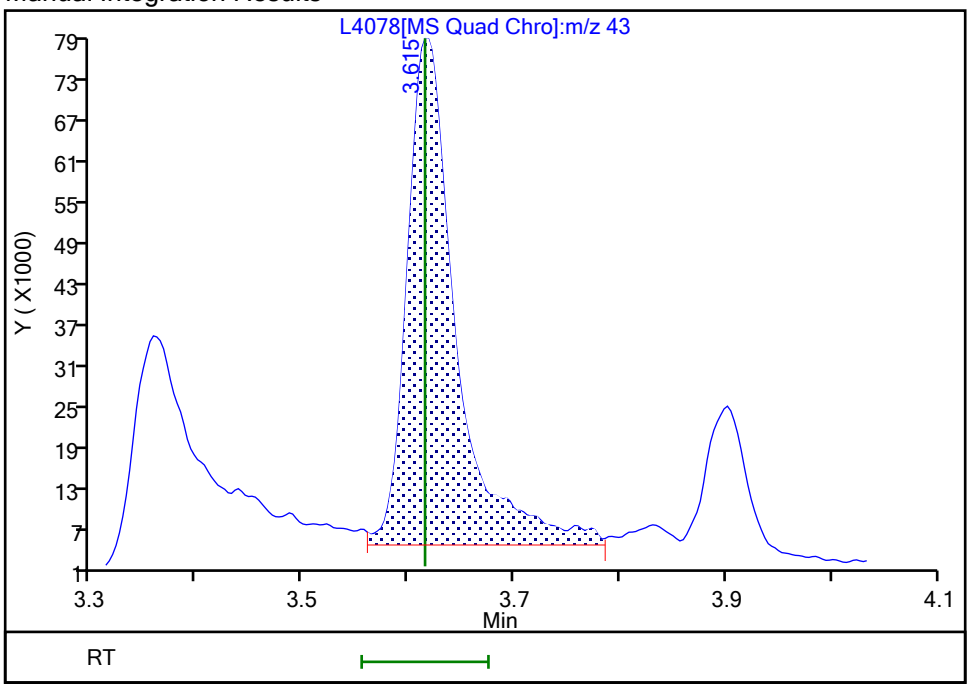
Processing Integration Results

RT: 3.62
Area: 216649
Amount: 16.307399
Amount Units: ug/L



Manual Integration Results

RT: 3.62
Area: 242325
Amount: 18.958112
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:56:33
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

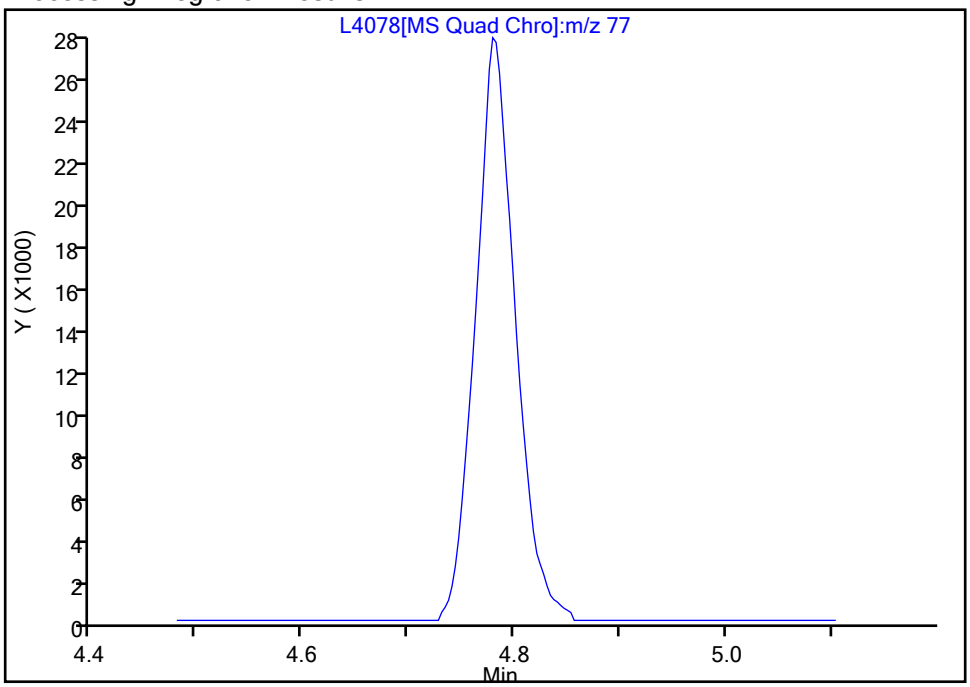
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

56 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

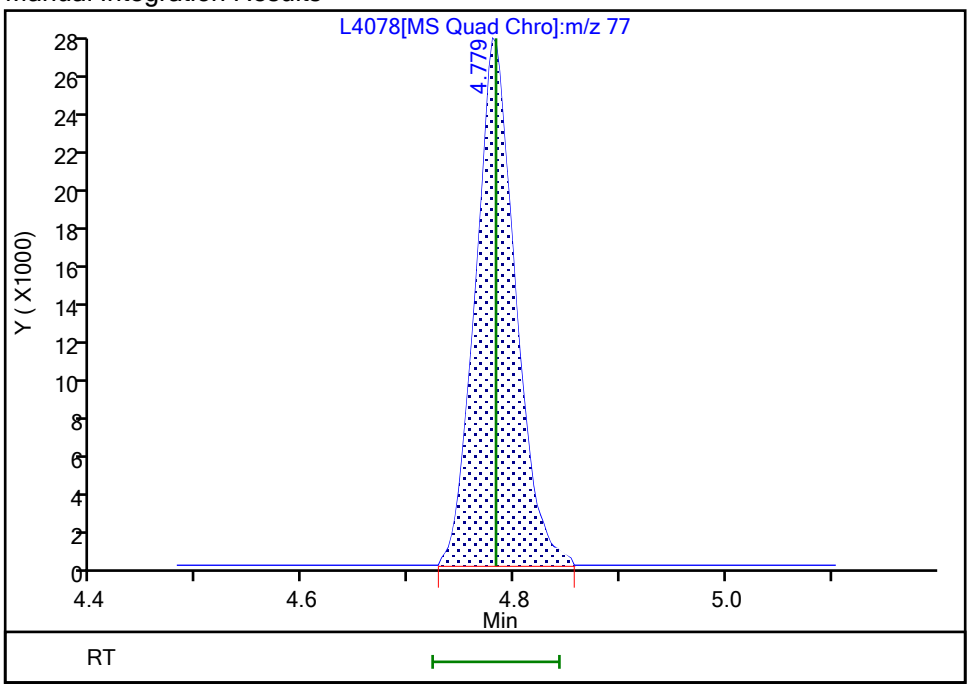
Not Detected
Expected RT: 4.78

Processing Integration Results



Manual Integration Results

RT: 4.78
Area: 72641
Amount: 9.143945
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:55:26
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

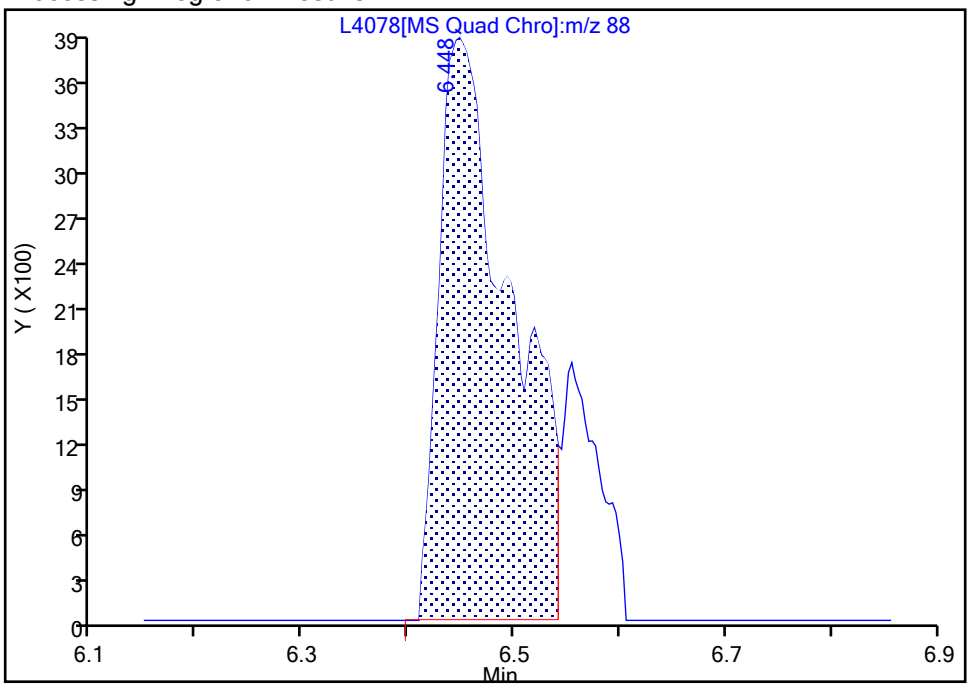
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

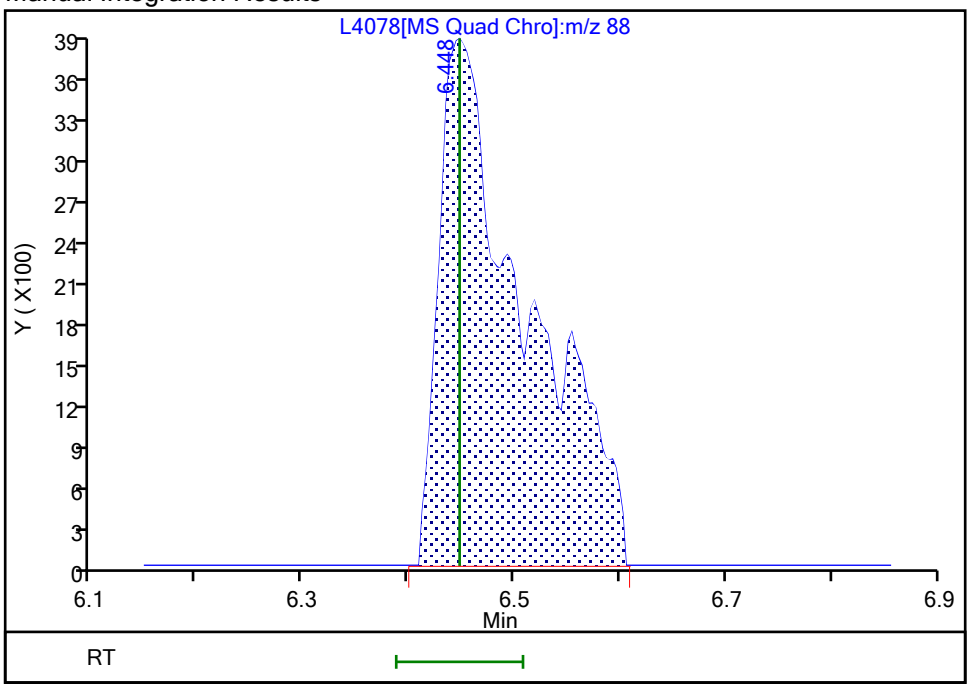
Processing Integration Results

RT: 6.45
Area: 18149
Amount: 193.2927
Amount Units: ug/L



Manual Integration Results

RT: 6.45
Area: 22206
Amount: 221.0912
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:54:03
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

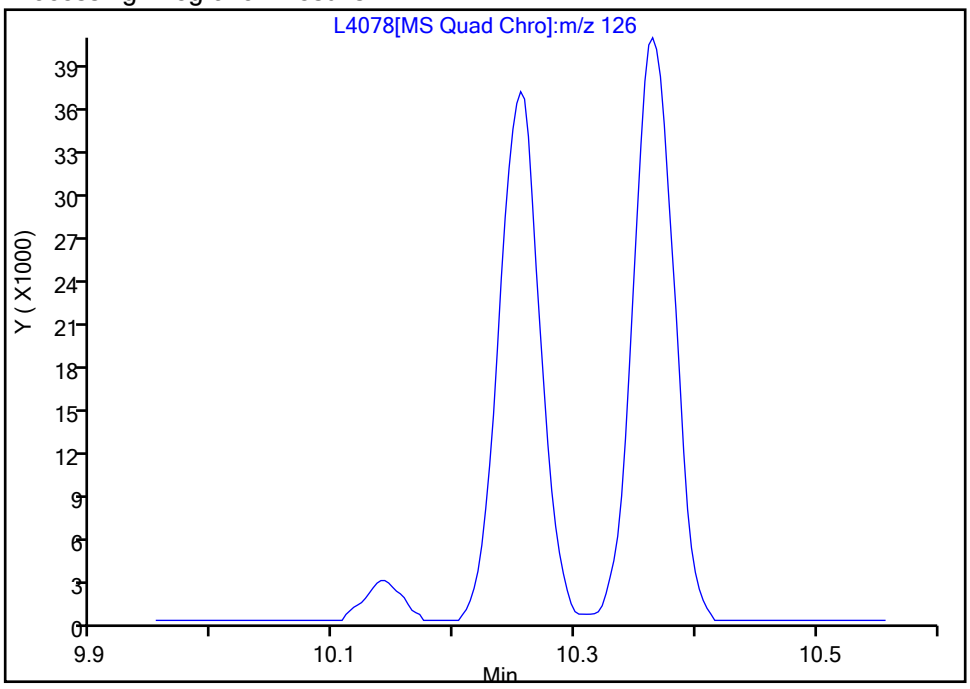
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4078.D
Injection Date: 17-Apr-2023 17:02:08 Instrument ID: HP5977L
Lims ID: IC 4
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

117 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

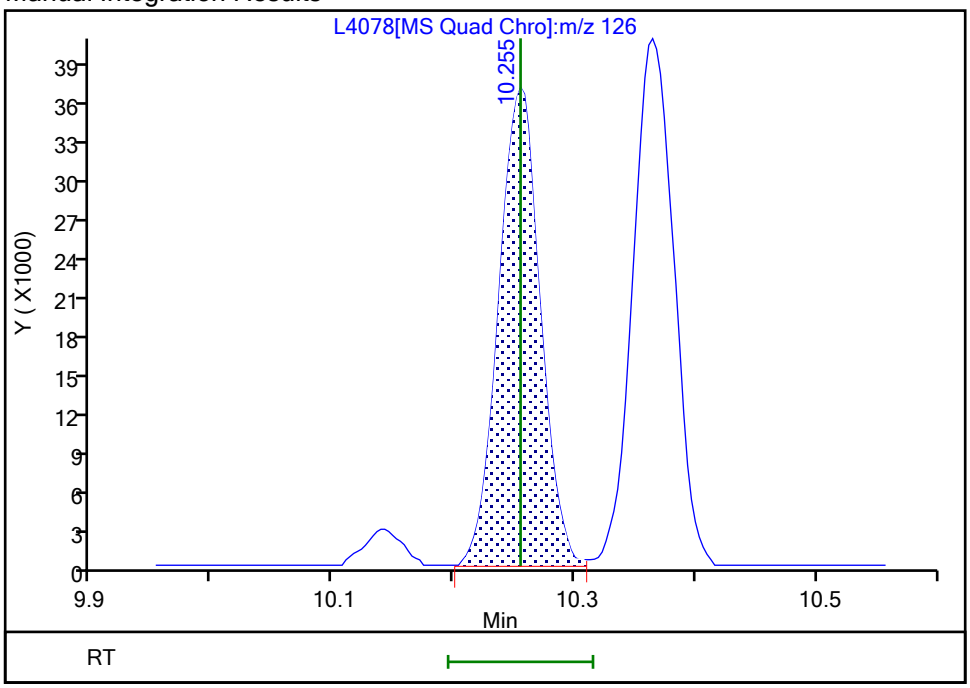
Not Detected
Expected RT: 10.25

Processing Integration Results



Manual Integration Results

RT: 10.26
Area: 88463
Amount: 9.308902
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:53:37
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4079.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 17-Apr-2023 17:26:13 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: icis 5
Misc. Info.: 480-0111151-018
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:28 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 07:22:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	134151	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	85	571333	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	284542	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	92	214469	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	95	241907	25.0	25.5	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	790087	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	98	228742	25.0	25.2	
10 Dichlorodifluoromethane	85	1.789	1.789	0.000	99	174745	25.0	21.9	
13 Chloromethane	50	2.024	2.024	0.000	99	278263	25.0	23.4	
14 Vinyl chloride	62	2.133	2.133	0.000	98	232457	25.0	23.8	
15 Butadiene	54	2.152	2.152	0.000	93	234948	25.0	22.4	
18 Bromomethane	94	2.506	2.506	0.000	92	142075	25.0	23.2	
19 Chloroethane	64	2.564	2.564	0.000	99	147794	25.0	23.9	
20 Dichlorofluoromethane	67	2.786	2.786	0.000	97	300244	25.0	23.9	
21 Trichlorofluoromethane	101	2.802	2.802	0.000	94	237711	25.0	22.4	
26 Ethyl ether	59	3.030	3.030	0.000	96	206303	25.0	24.8	
28 Acrolein	56	3.220	3.220	0.000	100	105267	125.0	139.1	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.245	3.245	0.000	93	151473	25.0	24.2	
30 1,1-Dichloroethene	96	3.274	3.274	0.000	97	166456	25.0	24.8	
31 Acetone	43	3.358	3.358	0.000	99	497235	125.0	133.8	
33 Iodomethane	142	3.451	3.451	0.000	99	321873	25.0	24.7	
35 Carbon disulfide	76	3.496	3.496	0.000	100	496819	25.0	24.8	
37 3-Chloro-1-propene	41	3.589	3.589	0.000	89	344107	25.0	24.3	
38 Methyl acetate	43	3.615	3.615	0.000	99	590695	50.0	49.7	
39 Methylene Chloride	84	3.741	3.741	0.000	99	202125	25.0	25.2	
40 2-Methyl-2-propanol	59	3.834	3.834	0.000	100	196394	250.0	236.4	
41 Methyl tert-butyl ether	73	3.901	3.901	0.000	98	613280	25.0	25.0	
42 trans-1,2-Dichloroethene	96	3.930	3.930	0.000	98	200848	25.0	24.8	
44 Acrylonitrile	53	3.975	3.975	0.000	97	1455972	250.0	249.5	
47 Hexane	57	4.088	4.088	0.000	93	252952	25.0	23.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.307	4.307	0.000	96	345752	25.0	24.2	
49 Vinyl acetate	43	4.323	4.323	0.000	97	1046227	50.0	49.9	
56 2,2-Dichloropropane	77	4.782	4.782	0.000	92	184601	25.0	25.0	
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	83	218451	25.0	24.7	
57 2-Butanone (MEK)	43	4.821	4.821	0.000	99	943382	125.0	126.6	
60 Chlorobromomethane	128	5.027	5.027	0.000	96	117419	25.0	25.5	
61 Tetrahydrofuran	42	5.049	5.049	0.000	93	252315	50.0	50.0	
62 Chloroform	83	5.078	5.078	0.000	93	329835	25.0	24.1	
64 1,1,1-Trichloroethane	97	5.210	5.210	0.000	99	269747	25.0	23.9	
65 Cyclohexane	56	5.226	5.226	0.000	95	319770	25.0	23.6	
66 Carbon tetrachloride	117	5.339	5.339	0.000	94	241903	25.0	24.3	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	93	246704	25.0	24.1	
69 Isobutyl alcohol	43	5.467	5.467	0.000	95	502215	625.0	636.7	
70 Benzene	78	5.535	5.535	0.000	97	737147	25.0	23.6	
72 1,2-Dichloroethane	62	5.589	5.589	0.000	96	282215	25.0	23.6	
73 n-Heptane	43	5.647	5.647	0.000	97	291249	25.0	23.3	
75 Trichloroethene	95	6.091	6.091	0.000	96	197778	25.0	24.3	
76 Methylcyclohexane	83	6.213	6.213	0.000	94	272217	25.0	24.1	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	95	203664	25.0	24.4	
81 1,4-Dioxane	88	6.448	6.448	0.000	97	51178	500.0	527.7	M
82 Dibromomethane	93	6.464	6.464	0.000	96	135507	25.0	24.4	
83 Dichlorobromomethane	83	6.586	6.586	0.000	97	249902	25.0	24.3	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	92	167273	25.0	25.1	
85 cis-1,3-Dichloropropene	75	6.978	6.978	0.000	93	319353	25.0	25.1	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	98	1831673	125.0	118.5	
88 Toluene	92	7.265	7.265	0.000	98	470423	25.0	23.1	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	95	298510	25.0	25.0	
90 Ethyl methacrylate	69	7.522	7.522	0.000	91	287461	25.0	24.0	
93 1,1,2-Trichloroethane	83	7.708	7.708	0.000	92	157741	25.0	23.7	
94 Tetrachloroethene	166	7.792	7.792	0.000	97	203994	25.0	24.0	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	96	318136	25.0	23.4	
96 2-Hexanone	43	7.901	7.901	0.000	98	1275964	125.0	116.2	
98 Chlorodibromomethane	129	8.114	8.114	0.000	91	217362	25.0	24.7	
101 Ethylene Dibromide	107	8.239	8.239	0.000	97	211636	25.0	24.2	
103 Chlorobenzene	112	8.695	8.695	0.000	97	547309	25.0	23.3	
104 Ethylbenzene	91	8.763	8.763	0.000	98	873110	25.0	23.6	
105 1,1,1,2-Tetrachloroethane	131	8.776	8.776	0.000	95	196901	25.0	23.7	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	352518	25.0	23.7	
107 o-Xylene	106	9.313	9.313	0.000	96	351281	25.0	23.7	
109 Styrene	104	9.339	9.339	0.000	96	587781	25.0	24.4	
110 Bromoform	173	9.612	9.612	0.000	95	150876	25.0	24.5	
111 Isopropylbenzene	105	9.686	9.686	0.000	95	885953	25.0	24.3	
113 Bromobenzene	156	10.078	10.078	0.000	93	230275	25.0	24.1	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	93	291637	25.0	23.6	
114 N-Propylbenzene	91	10.126	10.126	0.000	98	1016848	25.0	23.6	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	76	101402	25.0	24.6	
116 1,2,3-Trichloropropane	110	10.142	10.142	0.000	87	97404	25.0	23.8	
117 2-Chlorotoluene	126	10.255	10.255	0.000	98	214230	25.0	24.0	
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	733326	25.0	24.3	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	602320	25.0	23.5	
120 tert-Butylbenzene	134	10.631	10.631	0.000	92	171920	25.0	23.9	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	96	755561	25.0	24.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	93	947359	25.0	23.9	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	98	823285	25.0	24.4	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	425011	25.0	23.6	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	95	428770	25.0	22.7	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	703060	25.0	23.8	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	98	417386	25.0	23.6	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.133	0.000	88	60456	25.0	23.4	
130 1,2,4-Trichlorobenzene	180	12.756	12.756	0.000	95	280774	25.0	23.8	
131 Hexachlorobutadiene	225	12.847	12.847	0.000	96	111695	25.0	24.5	
132 Naphthalene	128	12.975	12.975	0.000	97	1016759	25.0	24.7	
133 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	96	274673	25.0	24.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

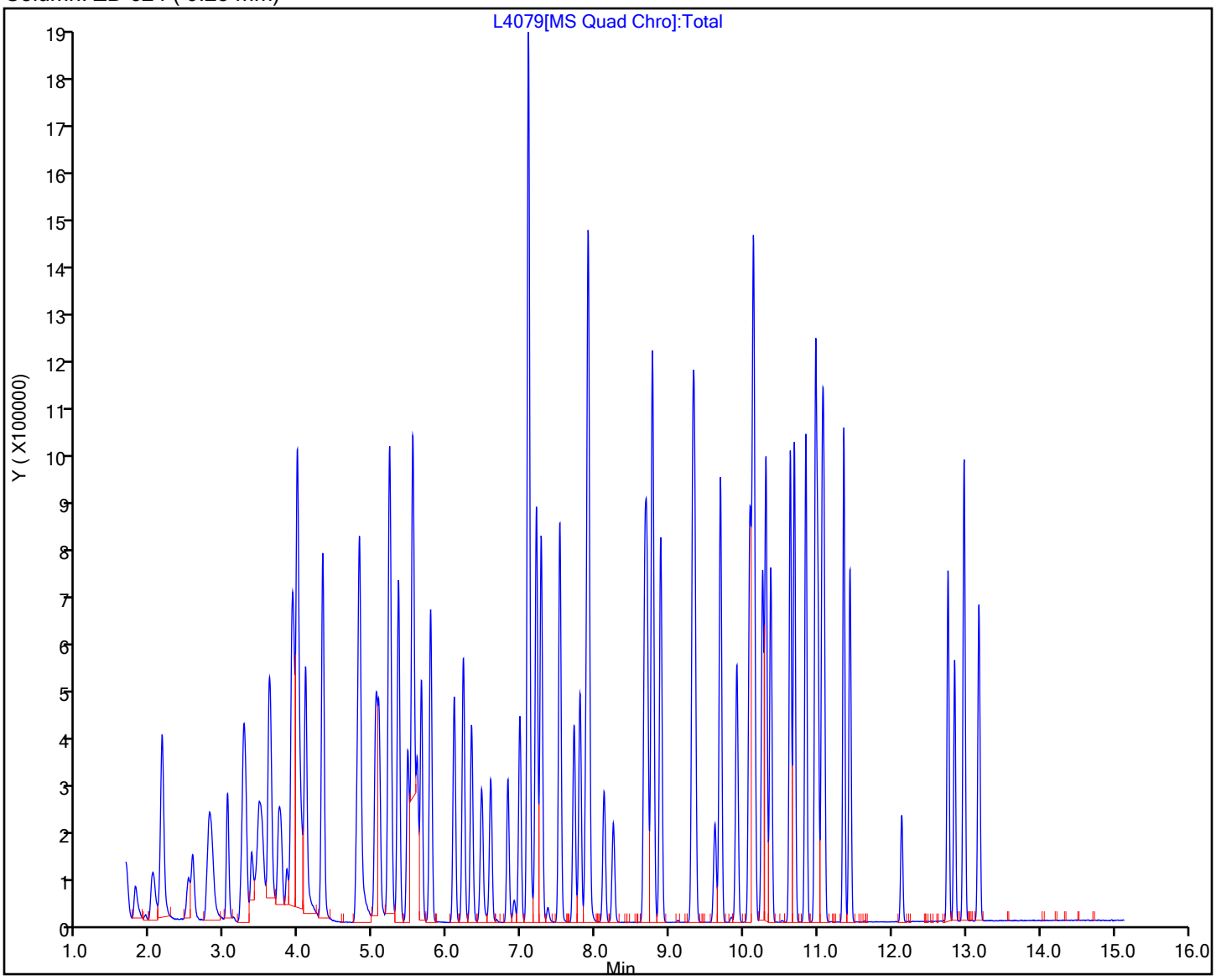
Reagents:

8260 CORP mix_00236	Amount Added: 12.50	Units: uL	
GAS CORP mix_00561	Amount Added: 12.50	Units: uL	
L_8260_IS_00045	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:29 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4079.D
Injection Date: 17-Apr-2023 17:26:13 Instrument ID: HP5977L
Lims ID: ICIS 5
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

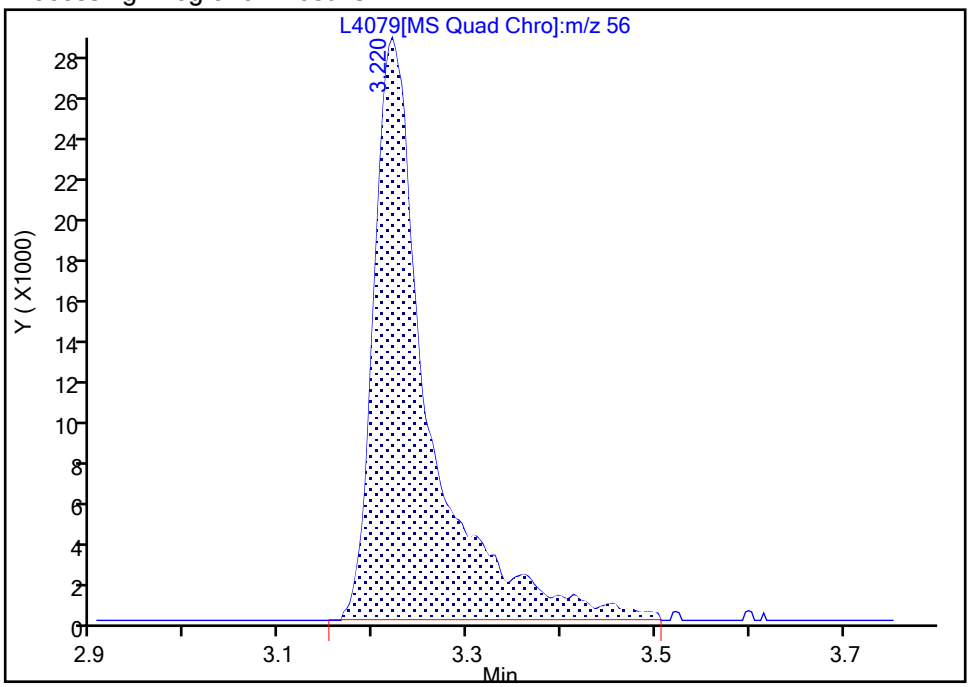
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4079.D
Injection Date: 17-Apr-2023 17:26:13 Instrument ID: HP5977L
Lims ID: ICIS 5
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

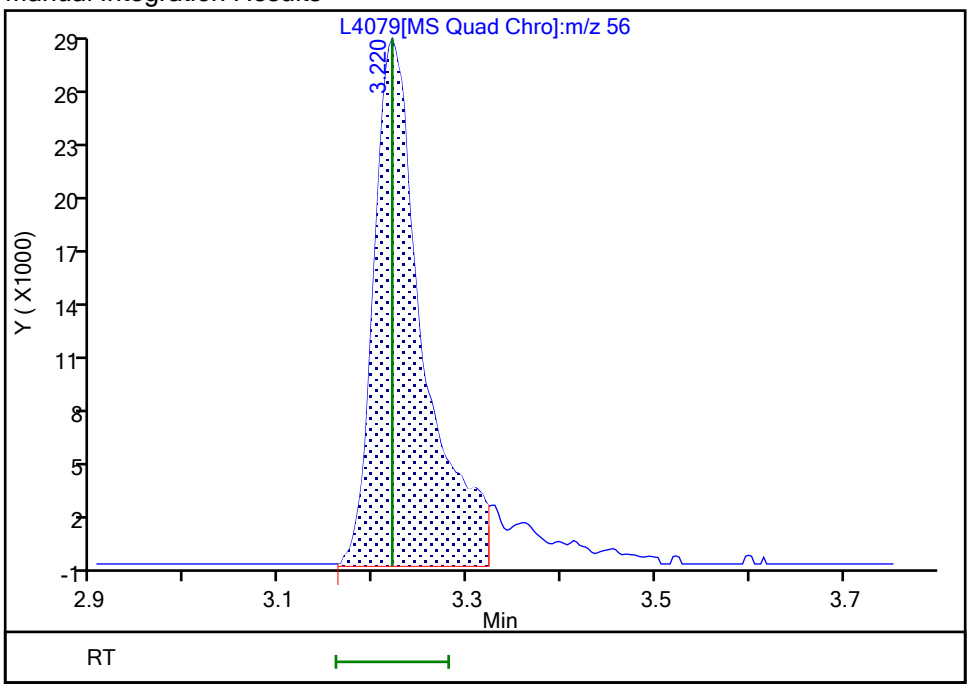
Processing Integration Results

RT: 3.22
Area: 117765
Amount: 145.1396
Amount Units: ug/L



Manual Integration Results

RT: 3.22
Area: 105267
Amount: 139.0780
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:10:11
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

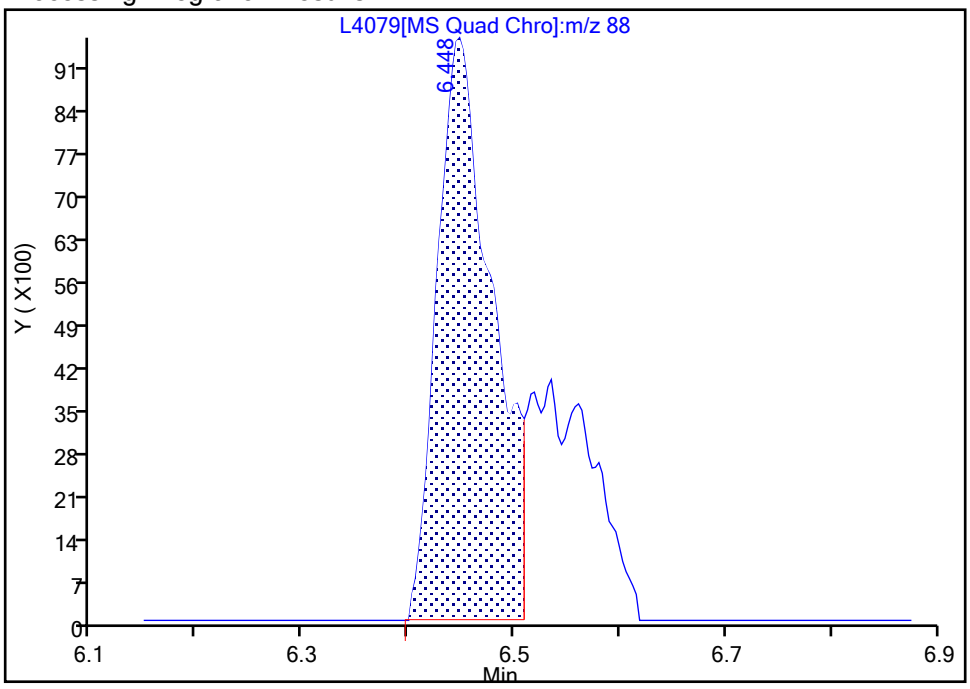
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4079.D
Injection Date: 17-Apr-2023 17:26:13 Instrument ID: HP5977L
Lims ID: ICIS 5
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

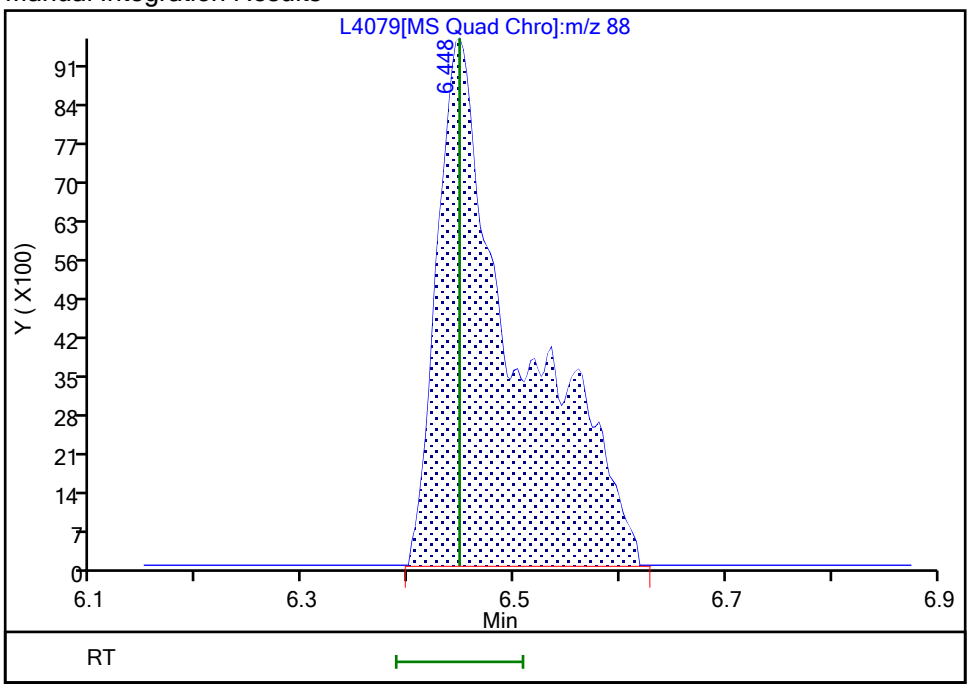
Processing Integration Results

RT: 6.45
Area: 34672
Amount: 407.1044
Amount Units: ug/L



Manual Integration Results

RT: 6.45
Area: 51178
Amount: 527.6501
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 07:17:37
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 17-Apr-2023 17:50:44 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 6
Misc. Info.: 480-0111151-019
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:34 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 08:02:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.773	0.003	99	130743	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	89	555295	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	269467	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	86	210910	25.0	25.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.522	5.525	-0.003	96	229635	25.0	24.8	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	778202	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.904	9.908	-0.004	99	227604	25.0	25.8	
10 Dichlorodifluoromethane	85	1.792	1.789	0.003	99	439541	50.0	56.4	M
13 Chloromethane	50	2.030	2.024	0.006	99	576618	50.0	49.7	
14 Vinyl chloride	62	2.139	2.133	0.006	97	508204	50.0	53.3	
15 Butadiene	54	2.155	2.152	0.003	90	515116	50.0	50.4	
18 Bromomethane	94	2.512	2.506	0.006	90	296524	50.0	49.8	
19 Chloroethane	64	2.567	2.564	0.003	98	300572	50.0	50.0	
20 Dichlorofluoromethane	67	2.789	2.786	0.003	97	635151	50.0	51.9	
21 Trichlorofluoromethane	101	2.811	2.802	0.009	94	570812	50.0	55.2	
26 Ethyl ether	59	3.033	3.030	0.003	97	410195	50.0	50.5	
28 Acrolein	56	3.220	3.220	0.000	100	205592	250.0	278.7	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.249	3.245	0.004	93	336152	50.0	55.0	
30 1,1-Dichloroethene	96	3.281	3.274	0.007	97	341382	50.0	52.2	
31 Acetone	43	3.358	3.358	0.000	100	928782	250.0	256.5	M
33 Iodomethane	142	3.458	3.451	0.007	99	639856	50.0	50.3	
35 Carbon disulfide	76	3.499	3.496	0.003	100	960451	50.0	49.1	
37 3-Chloro-1-propene	41	3.590	3.589	0.001	89	705558	50.0	51.1	
38 Methyl acetate	43	3.615	3.615	0.000	99	1234710	100.0	106.6	M
39 Methylene Chloride	84	3.750	3.741	0.009	99	393139	50.0	50.2	
40 2-Methyl-2-propanol	59	3.834	3.834	0.000	99	425019	500.0	524.8	M
41 Methyl tert-butyl ether	73	3.901	3.901	0.000	99	1184644	50.0	49.6	
42 trans-1,2-Dichloroethene	96	3.927	3.930	-0.003	98	398450	50.0	50.5	
44 Acrylonitrile	53	3.975	3.975	0.000	98	2824465	500.0	496.6	
47 Hexane	57	4.088	4.088	0.000	93	580985	50.0	56.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.307	4.307	0.000	96	688553	50.0	49.4	
49 Vinyl acetate	43	4.319	4.323	-0.004	97	2127384	100.0	104.2	
56 2,2-Dichloropropane	77	4.782	4.782	0.000	89	355506	50.0	49.4	
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	82	431273	50.0	50.0	
57 2-Butanone (MEK)	43	4.818	4.821	-0.003	99	1863536	250.0	256.7	
60 Chlorobromomethane	128	5.027	5.027	0.000	96	228982	50.0	51.0	
61 Tetrahydrofuran	42	5.049	5.049	0.000	94	496880	100.0	101.1	
62 Chloroform	83	5.078	5.078	0.000	93	648516	50.0	48.6	
64 1,1,1-Trichloroethane	97	5.207	5.210	-0.003	98	555128	50.0	50.4	
65 Cyclohexane	56	5.226	5.226	0.000	95	703657	50.0	53.4	
66 Carbon tetrachloride	117	5.339	5.339	0.000	96	507918	50.0	52.3	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	95	506090	50.0	50.8	
69 Isobutyl alcohol	43	5.464	5.467	-0.003	95	1001063	1250.0	1302.1	
70 Benzene	78	5.538	5.535	0.003	98	1480459	50.0	48.7	
72 1,2-Dichloroethane	62	5.593	5.589	0.004	96	548556	50.0	47.1	
73 n-Heptane	43	5.651	5.647	0.004	96	661078	50.0	54.3	
75 Trichloroethene	95	6.091	6.091	0.000	96	401826	50.0	50.7	
76 Methylcyclohexane	83	6.216	6.213	0.003	95	608453	50.0	55.3	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	94	409509	50.0	50.3	
81 1,4-Dioxane	88	6.448	6.448	0.000	96	99055	1000.0	1050.8	M
82 Dibromomethane	93	6.461	6.464	-0.003	95	269529	50.0	49.7	
83 Dichlorobromomethane	83	6.583	6.586	-0.003	98	511038	50.0	51.0	
84 2-Chloroethyl vinyl ether	63	6.815	6.818	-0.004	93	348383	50.0	53.7	
85 cis-1,3-Dichloropropene	75	6.978	6.978	0.000	95	646411	50.0	52.0	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	98	3653581	250.0	243.3	
88 Toluene	92	7.268	7.265	0.003	98	980727	50.0	49.5	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	96	596837	50.0	51.5	
90 Ethyl methacrylate	69	7.522	7.522	0.000	93	585917	50.0	50.4	
93 1,1,2-Trichloroethane	83	7.712	7.708	0.004	92	306404	50.0	47.3	
94 Tetrachloroethene	166	7.792	7.792	0.000	96	417135	50.0	50.5	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	95	633201	50.0	47.9	
96 2-Hexanone	43	7.901	7.901	0.000	98	2614632	250.0	245.0	
98 Chlorodibromomethane	129	8.117	8.114	0.003	90	446174	50.0	52.1	
101 Ethylene Dibromide	107	8.239	8.239	0.000	99	427436	50.0	50.3	
103 Chlorobenzene	112	8.692	8.695	-0.003	96	1116494	50.0	48.9	
104 Ethylbenzene	91	8.763	8.763	0.000	98	1805104	50.0	50.3	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	96	404399	50.0	50.0	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	726867	50.0	50.3	
107 o-Xylene	106	9.313	9.313	0.000	96	717714	50.0	49.9	
109 Styrene	104	9.335	9.339	-0.004	96	1212300	50.0	51.8	
110 Bromoform	173	9.612	9.612	0.000	97	322721	50.0	53.9	
111 Isopropylbenzene	105	9.683	9.686	-0.003	95	1816781	50.0	52.5	
113 Bromobenzene	156	10.078	10.078	0.000	93	462963	50.0	51.1	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	95	581680	50.0	49.6	
114 N-Propylbenzene	91	10.126	10.126	0.000	98	2123337	50.0	52.1	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	76	215769	50.0	55.3	
116 1,2,3-Trichloropropane	110	10.142	10.142	0.000	87	195225	50.0	50.3	
117 2-Chlorotoluene	126	10.255	10.255	0.000	98	441024	50.0	52.2	
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	1520269	50.0	53.3	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	1235995	50.0	50.9	
120 tert-Butylbenzene	134	10.628	10.631	-0.003	94	353419	50.0	52.0	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	97	1550460	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.840	10.837	0.003	94	1952544	50.0	52.0	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	1711868	50.0	53.7	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	99	866453	50.0	50.8	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	96	883617	50.0	49.5	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	1470441	50.0	52.5	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	98	847768	50.0	50.5	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.133	0.000	89	128836	50.0	52.6	
130 1,2,4-Trichlorobenzene	180	12.756	12.756	0.000	94	595765	50.0	53.3	
131 Hexachlorobutadiene	225	12.847	12.847	0.000	96	239899	50.0	55.5	
132 Naphthalene	128	12.975	12.975	0.000	97	2078153	50.0	53.2	
133 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	96	568746	50.0	53.0	
S 143 Xylenes, Total	1				0			100.2	
S 142 Total BTEX	1				0			248.7	
S 144 1,3-Dichloropropene, Total	1				0			103.5	
S 141 1,2-Dichloroethene, Total	1				0			100.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

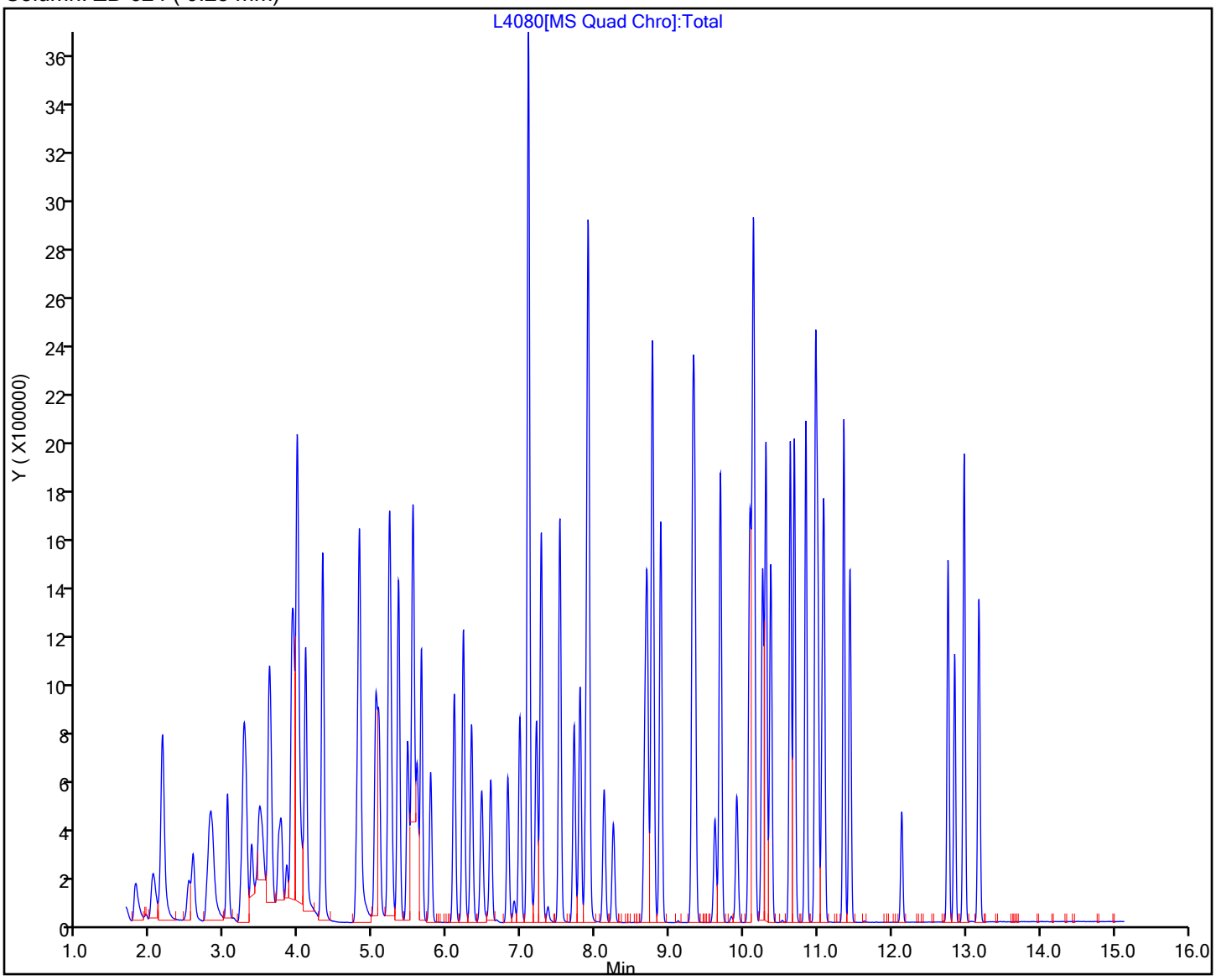
Reagents:

8260 CORP mix_00236	Amount Added: 25.00	Units: uL	
GAS CORP mix_00561	Amount Added: 25.00	Units: uL	
L_8260_IS_00045	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:35 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Eurofins Buffalo

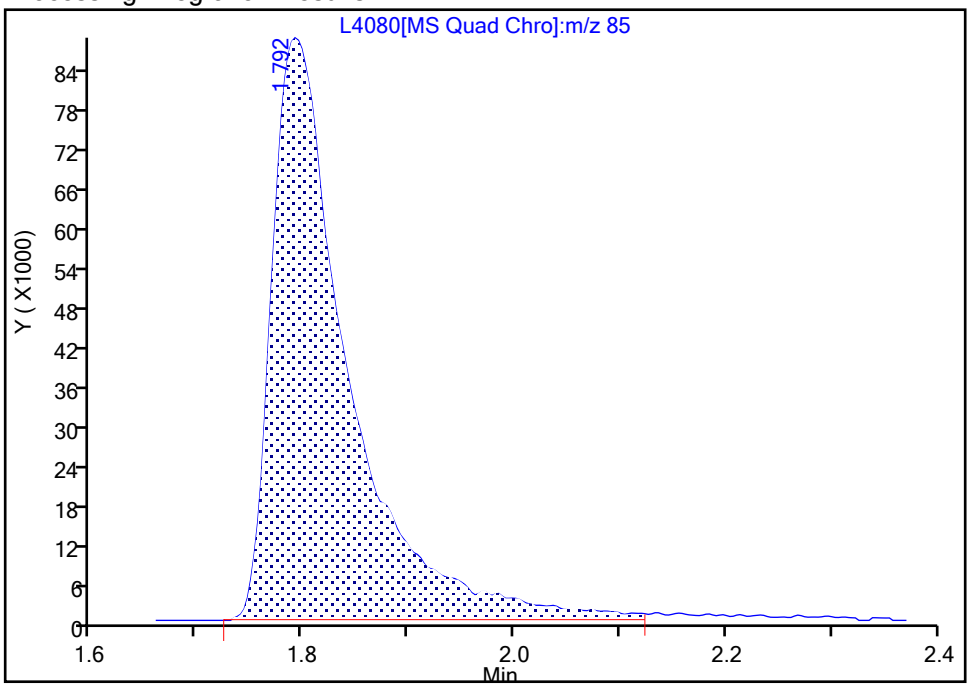
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

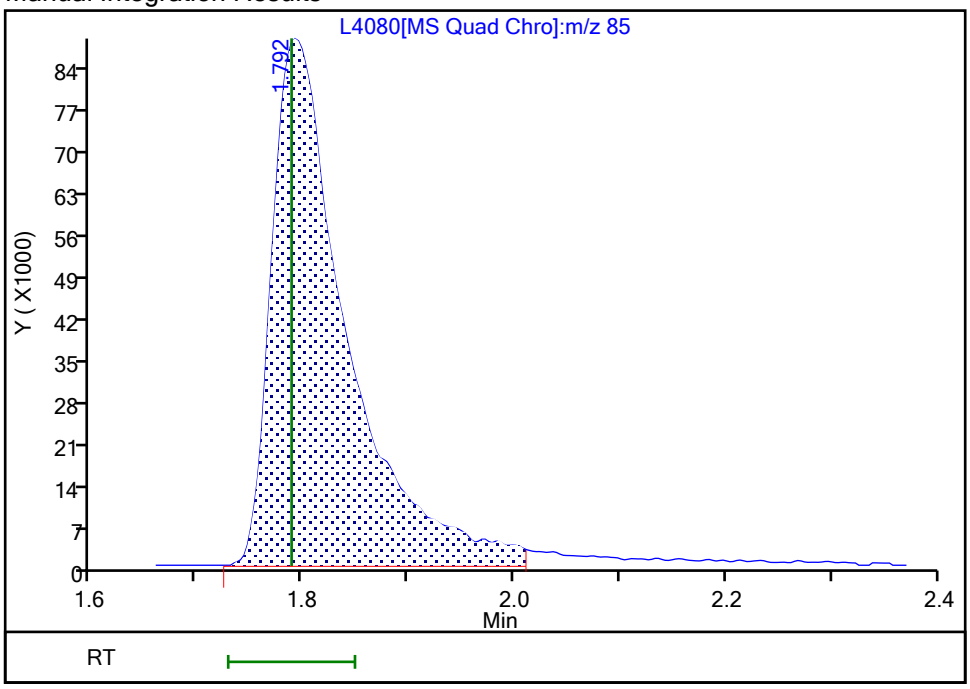
Processing Integration Results

RT: 1.79
Area: 450329
Amount: 56.190514
Amount Units: ug/L



Manual Integration Results

RT: 1.79
Area: 439541
Amount: 56.418073
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:00:35
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

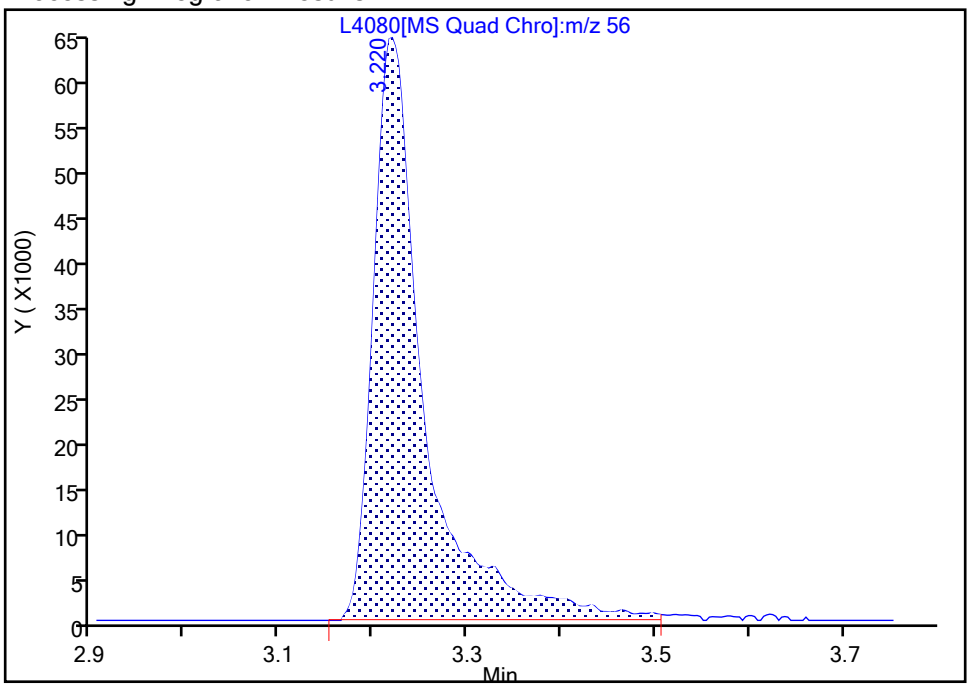
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

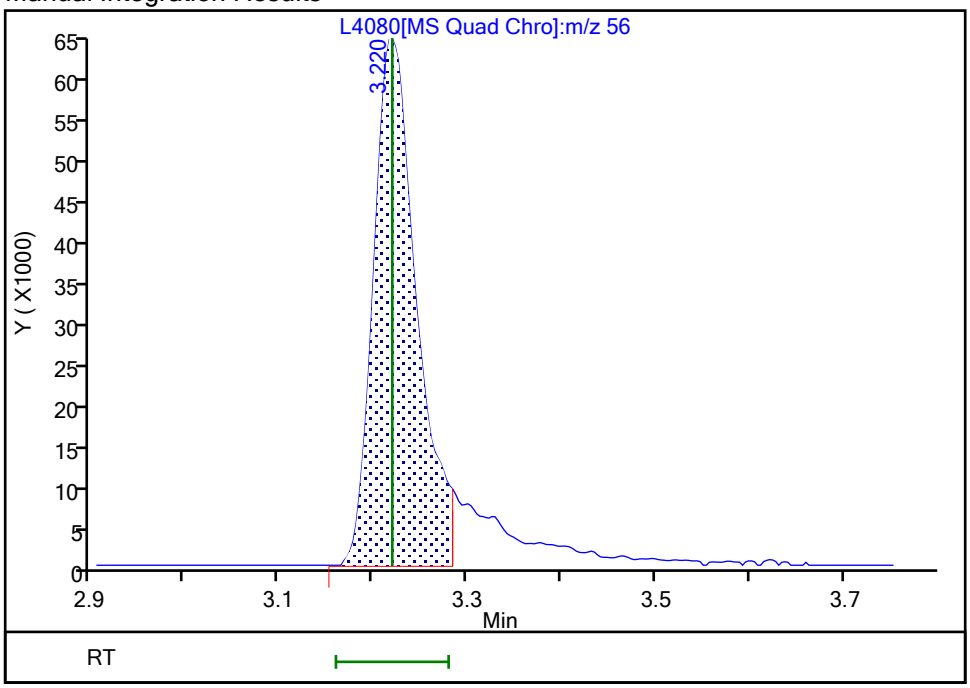
Processing Integration Results

RT: 3.22
Area: 244729
Amount: 303.6283
Amount Units: ug/L



Manual Integration Results

RT: 3.22
Area: 205592
Amount: 278.7071
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:17:25
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

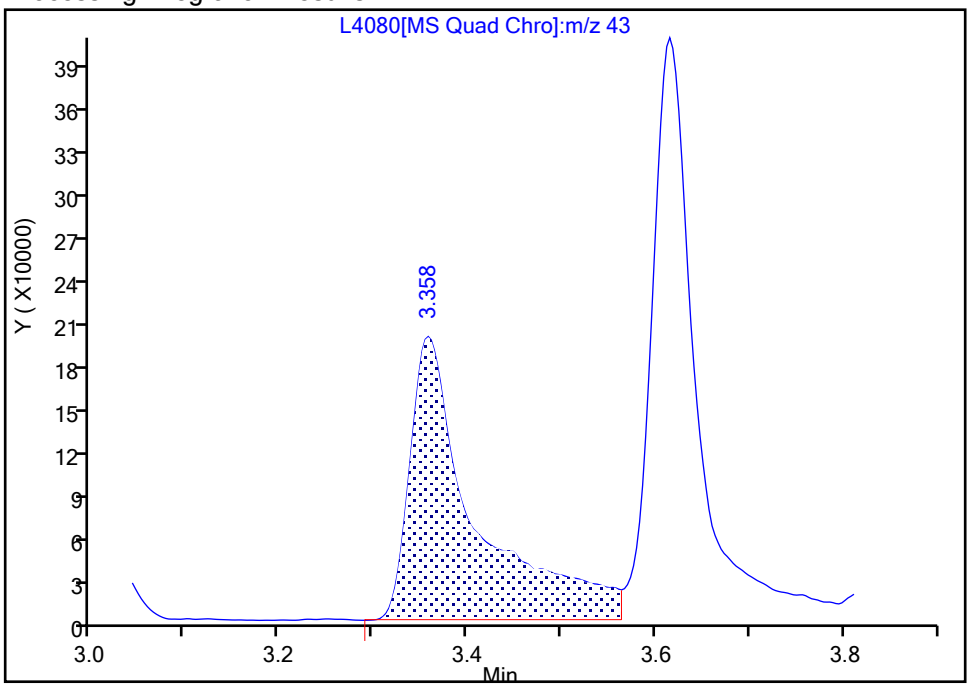
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

31 Acetone, CAS: 67-64-1

Signal: 1

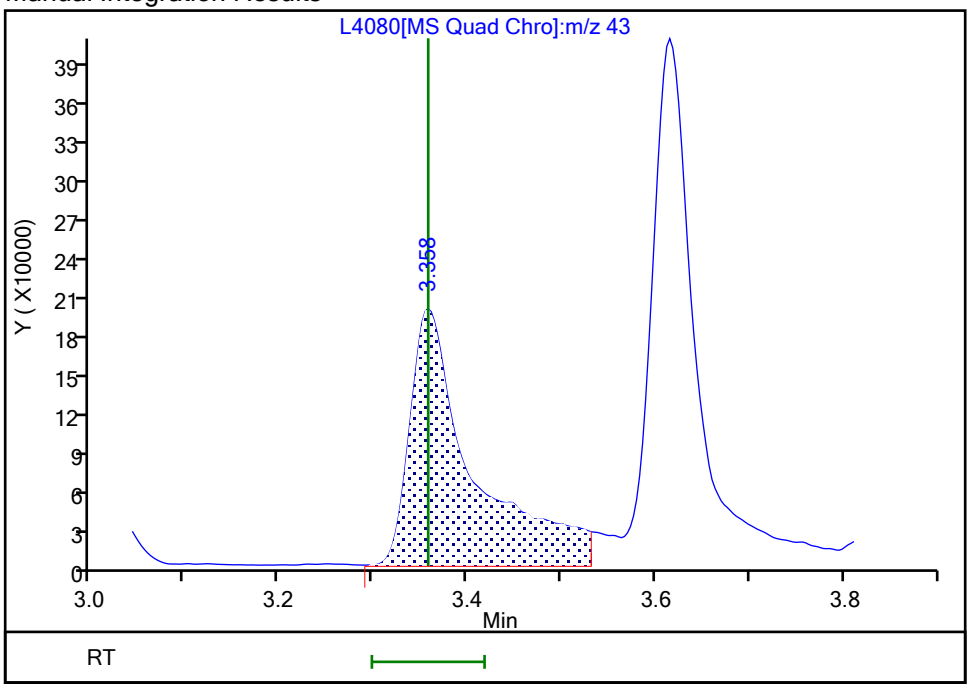
Processing Integration Results

RT: 3.36
Area: 972149
Amount: 265.4285
Amount Units: ug/L



Manual Integration Results

RT: 3.36
Area: 928782
Amount: 256.4818
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:01:25
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

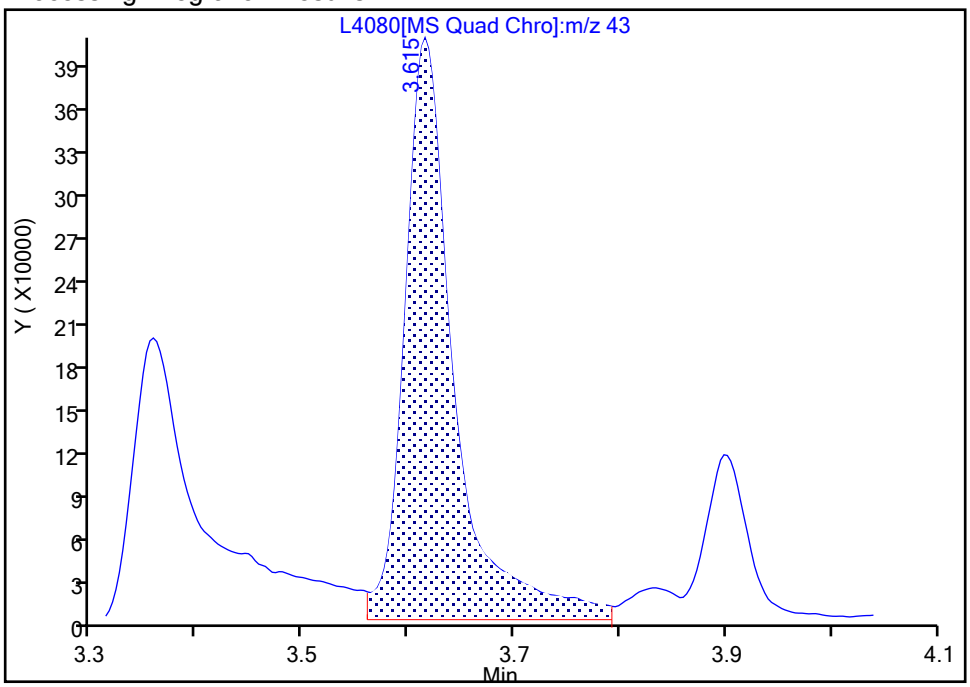
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

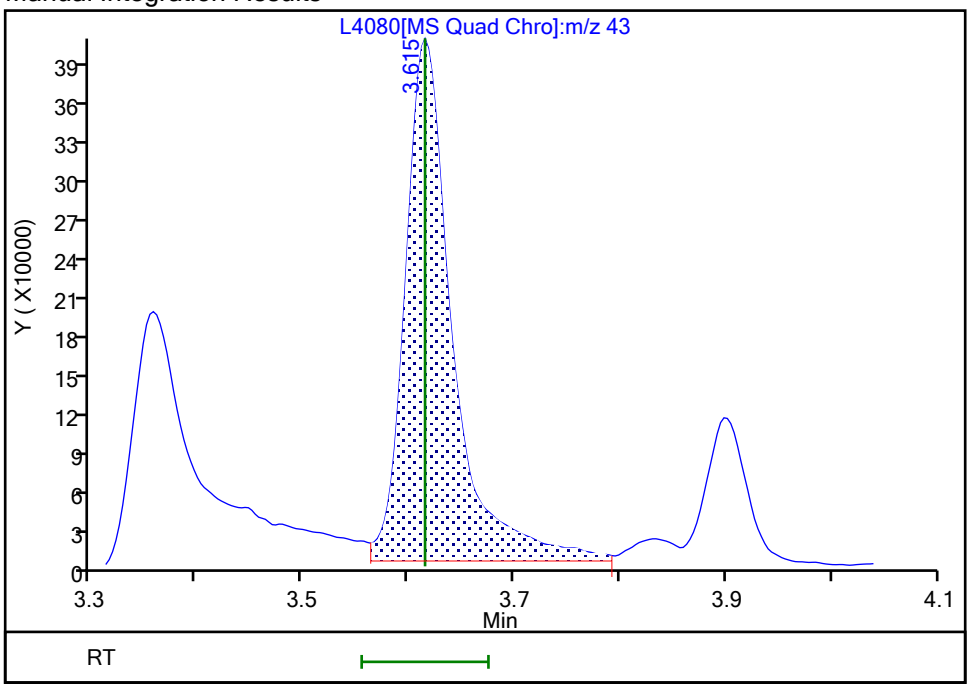
Processing Integration Results

RT: 3.62
Area: 1315464
Amount: 107.9478
Amount Units: ug/L



Manual Integration Results

RT: 3.62
Area: 1234710
Amount: 106.5819
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:04:50
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

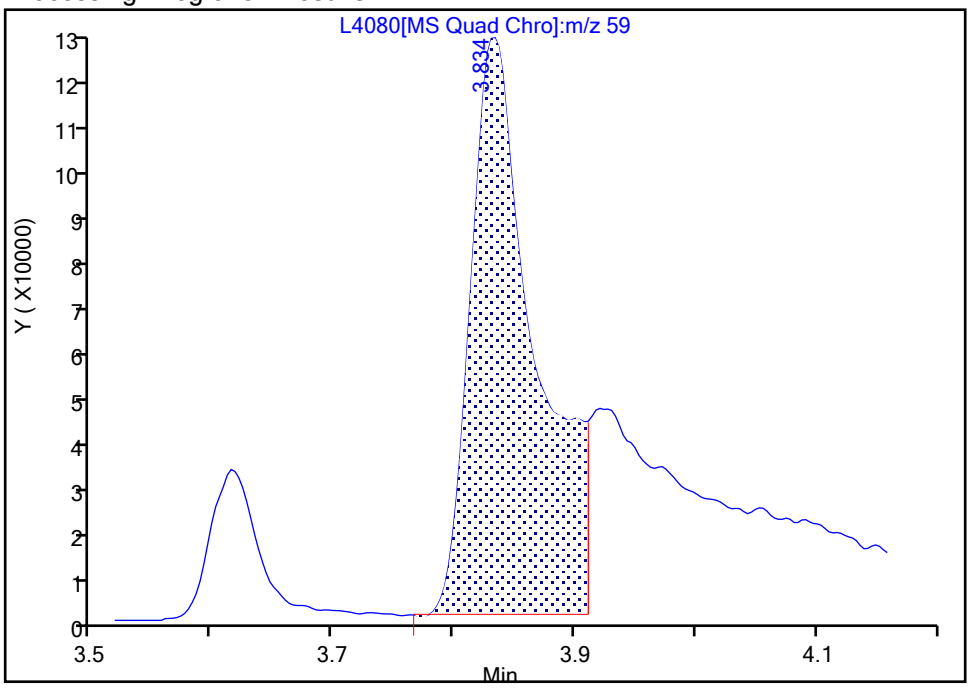
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

40 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

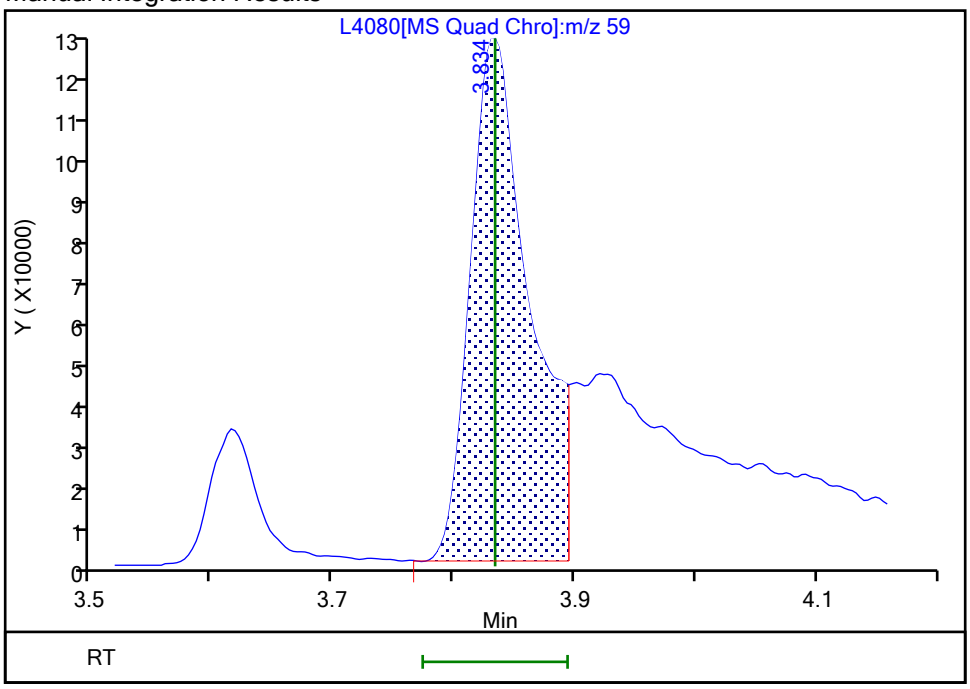
Processing Integration Results

RT: 3.83
Area: 464159
Amount: 566.3098
Amount Units: ug/L



Manual Integration Results

RT: 3.83
Area: 425019
Amount: 524.8216
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:05:30
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

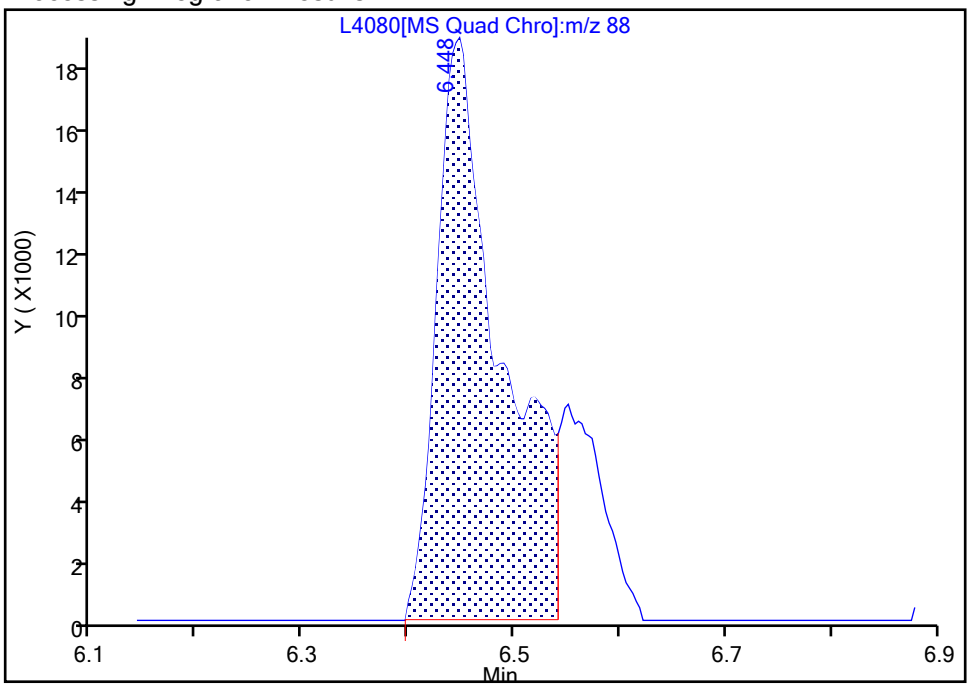
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4080.D
Injection Date: 17-Apr-2023 17:50:44 Instrument ID: HP5977L
Lims ID: IC 6
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

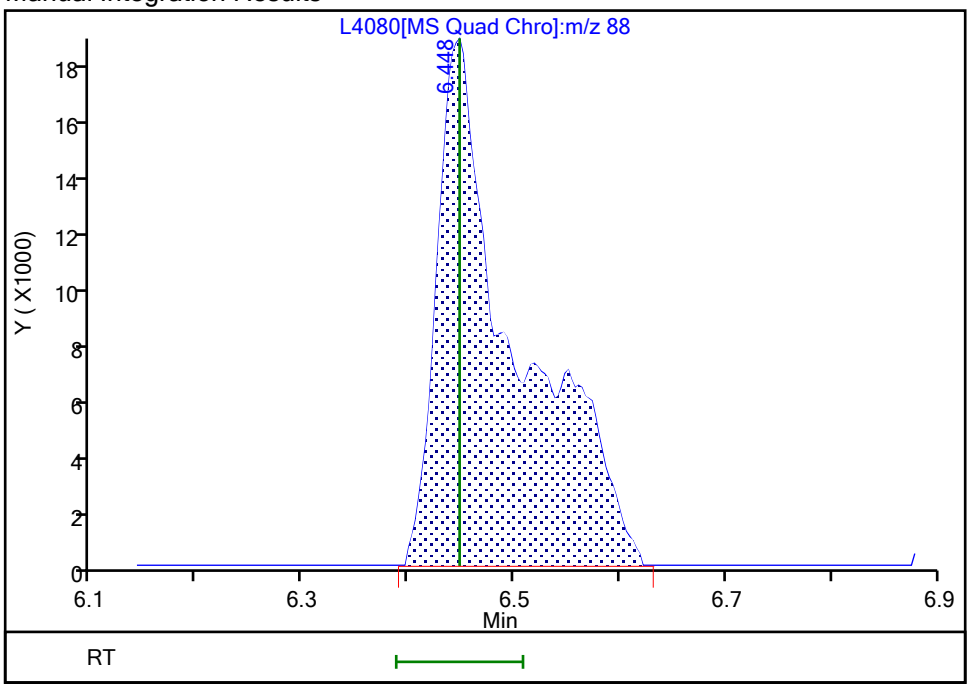
Processing Integration Results

RT: 6.45
Area: 80236
Amount: 876.1187
Amount Units: ug/L



Manual Integration Results

RT: 6.45
Area: 99055
Amount: 1050.7627
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:06:19
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 17-Apr-2023 18:14:53 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ic 7
Misc. Info.: 480-0111151-020
Operator ID: CB Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:36:41 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 08:03:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	122406	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.667	8.663	0.004	84	537137	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	272983	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	94	193177	25.0	25.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	96	211481	25.0	24.4	
$ 6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	93	702679	25.0	23.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	203499	25.0	23.9	
10 Dichlorodifluoromethane	85	1.789	1.789	0.000	99	808354	100.0	110.8	M
13 Chloromethane	50	2.024	2.024	0.000	99	1137175	100.0	104.8	
14 Vinyl chloride	62	2.133	2.133	0.000	98	989664	100.0	110.9	
15 Butadiene	54	2.152	2.152	0.000	91	1009471	100.0	105.4	
18 Bromomethane	94	2.506	2.506	0.000	90	561585	100.0	100.7	
19 Chloroethane	64	2.564	2.564	0.000	99	585944	100.0	104.1	
20 Dichlorofluoromethane	67	2.786	2.786	0.000	98	1213952	100.0	105.9	
21 Trichlorofluoromethane	101	2.802	2.802	0.000	97	1079912	100.0	111.6	
26 Ethyl ether	59	3.030	3.030	0.000	97	792185	100.0	104.2	
28 Acrolein	56	3.217	3.220	-0.003	99	404802	500.0	586.1	M
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.249	3.245	0.004	93	605538	100.0	105.8	
30 1,1-Dichloroethene	96	3.278	3.274	0.004	96	654902	100.0	106.9	
31 Acetone	43	3.355	3.358	-0.003	99	1809727	500.0	533.8	M
33 Iodomethane	142	3.455	3.451	0.004	98	1245764	100.0	104.7	
35 Carbon disulfide	76	3.496	3.496	0.000	100	1890274	100.0	103.3	
37 3-Chloro-1-propene	41	3.590	3.589	0.001	90	1334543	100.0	103.3	
38 Methyl acetate	43	3.615	3.615	0.000	100	2350627	200.0	216.7	M
39 Methylene Chloride	84	3.750	3.741	0.009	99	735285	100.0	100.3	
40 2-Methyl-2-propanol	59	3.834	3.834	0.000	100	776093	1000.0	1023.6	
41 Methyl tert-butyl ether	73	3.898	3.901	-0.003	98	2278154	100.0	101.9	
42 trans-1,2-Dichloroethene	96	3.927	3.930	-0.003	98	758344	100.0	102.7	
44 Acrylonitrile	53	3.972	3.975	-0.003	98	5564805	1000.0	1045.1	
47 Hexane	57	4.085	4.088	-0.003	93	985099	100.0	101.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.307	4.307	0.000	96	1298630	100.0	99.4	
49 Vinyl acetate	43	4.320	4.323	-0.003	97	3937637	200.0	206.0	
56 2,2-Dichloropropane	77	4.783	4.782	0.001	89	647610	100.0	96.1	
58 cis-1,2-Dichloroethene	96	4.805	4.808	-0.003	81	805585	100.0	99.8	
57 2-Butanone (MEK)	43	4.818	4.821	-0.003	99	3557616	500.0	523.4	
60 Chlorobromomethane	128	5.030	5.027	0.003	97	438356	100.0	104.2	
61 Tetrahydrofuran	42	5.046	5.049	-0.003	93	940681	200.0	204.5	
62 Chloroform	83	5.075	5.078	-0.003	95	1204229	100.0	96.4	
64 1,1,1-Trichloroethane	97	5.207	5.210	-0.003	99	1057841	100.0	102.7	
65 Cyclohexane	56	5.226	5.226	0.000	94	1257315	100.0	101.9	
66 Carbon tetrachloride	117	5.339	5.339	0.000	97	954080	100.0	104.8	
67 1,1-Dichloropropene	75	5.339	5.342	-0.003	93	933410	100.0	100.1	
69 Isobutyl alcohol	43	5.464	5.467	-0.003	95	1937262	2500.0	2691.5	M
70 Benzene	78	5.538	5.535	0.003	98	2758086	100.0	96.9	
72 1,2-Dichloroethane	62	5.590	5.589	0.001	96	1027884	100.0	94.3	
73 n-Heptane	43	5.647	5.647	0.000	96	1114139	100.0	97.8	
75 Trichloroethene	95	6.091	6.091	0.000	96	749142	100.0	100.9	
76 Methylcyclohexane	83	6.217	6.213	0.004	94	1073918	100.0	104.2	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	96	765916	100.0	100.5	
81 1,4-Dioxane	88	6.445	6.448	-0.003	98	212551	2000.0	2330.9	
82 Dibromomethane	93	6.464	6.464	0.000	96	511980	100.0	100.9	
83 Dichlorobromomethane	83	6.583	6.586	-0.003	98	976705	100.0	104.2	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	92	649974	100.0	106.9	
85 cis-1,3-Dichloropropene	75	6.979	6.978	0.001	93	1221611	100.0	105.0	
87 4-Methyl-2-pentanone (MIBK)	43	7.094	7.094	0.000	98	6896198	500.0	474.7	
88 Toluene	92	7.268	7.265	0.003	98	1820868	100.0	95.0	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	95	1119509	100.0	99.8	
90 Ethyl methacrylate	69	7.522	7.522	0.000	93	1072633	100.0	95.3	
93 1,1,2-Trichloroethane	83	7.712	7.708	0.004	91	572978	100.0	91.5	
94 Tetrachloroethene	166	7.789	7.792	-0.003	97	775683	100.0	97.0	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	99	1169099	100.0	91.4	
96 2-Hexanone	43	7.901	7.901	0.000	98	4863102	500.0	471.1	
98 Chlorodibromomethane	129	8.117	8.114	0.003	90	851017	100.0	102.7	
101 Ethylene Dibromide	107	8.239	8.239	0.000	99	804789	100.0	97.8	
103 Chlorobenzene	112	8.696	8.695	0.001	97	2094175	100.0	94.8	
104 Ethylbenzene	91	8.763	8.763	0.000	98	3337240	100.0	96.1	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	96	768027	100.0	98.1	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	1360725	100.0	97.4	
107 o-Xylene	106	9.313	9.313	0.000	97	1339526	100.0	96.3	
109 Styrene	104	9.339	9.339	0.000	96	2257935	100.0	99.7	
110 Bromoform	173	9.612	9.612	0.000	96	616544	100.0	106.5	
111 Isopropylbenzene	105	9.686	9.686	0.000	95	3363255	100.0	96.0	
113 Bromobenzene	156	10.081	10.078	0.003	93	864997	100.0	94.2	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	95	1092259	100.0	92.0	
114 N-Propylbenzene	91	10.126	10.126	0.000	99	3862164	100.0	93.5	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	77	405436	100.0	102.5	
116 1,2,3-Trichloropropane	110	10.146	10.142	0.004	87	366960	100.0	93.3	
117 2-Chlorotoluene	126	10.255	10.255	0.000	98	825116	100.0	96.4	
118 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	95	2792838	100.0	96.6	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	2297714	100.0	93.4	
120 tert-Butylbenzene	134	10.628	10.631	-0.003	92	658498	100.0	95.6	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	97	2872241	100.0	96.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.840	10.837	0.003	94	3592720	100.0	94.5	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	3161645	100.0	97.8	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	99	1589663	100.0	92.0	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	95	1632475	100.0	90.2	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	2694593	100.0	94.9	
128 1,2-Dichlorobenzene	146	11.435	11.435	0.000	98	1569935	100.0	92.4	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.133	0.000	89	253683	100.0	102.2	
130 1,2,4-Trichlorobenzene	180	12.757	12.756	0.001	95	1090471	100.0	96.4	
131 Hexachlorobutadiene	225	12.847	12.847	0.001	97	422909	100.0	96.6	
132 Naphthalene	128	12.975	12.975	0.000	97	4012167	100.0	101.4	
133 1,2,3-Trichlorobenzene	180	13.175	13.174	0.001	96	1070445	100.0	98.5	
S 143 Xylenes, Total	1				0			193.7	
S 142 Total BTEX	1				0			481.7	
S 144 1,3-Dichloropropene, Total	1				0			204.9	
S 141 1,2-Dichloroethene, Total	1				0			202.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

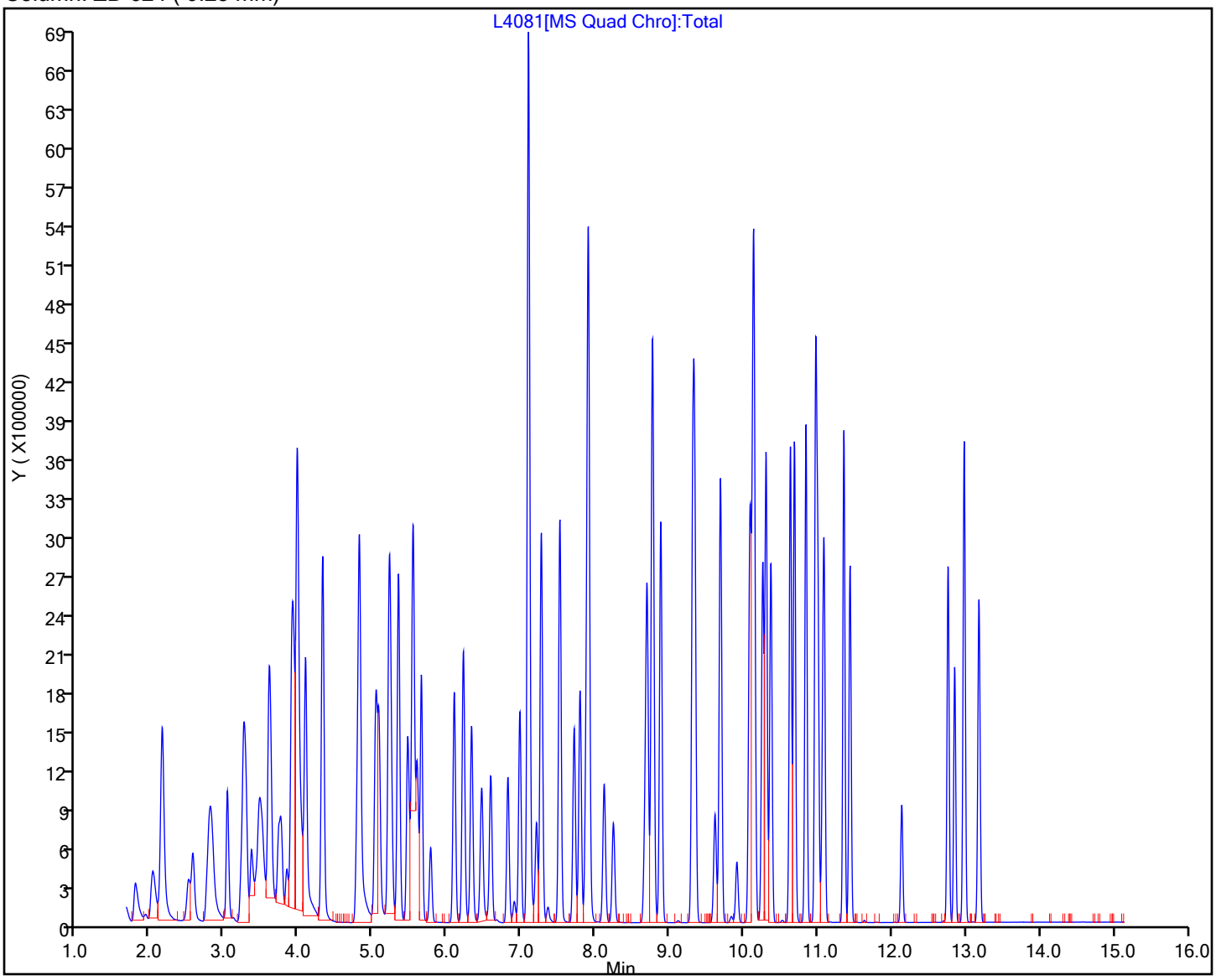
Reagents:

8260 CORP mix_00236	Amount Added:	50.00	Units: uL	
GAS CORP mix_00561	Amount Added:	50.00	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:36:42 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Eurofins Buffalo

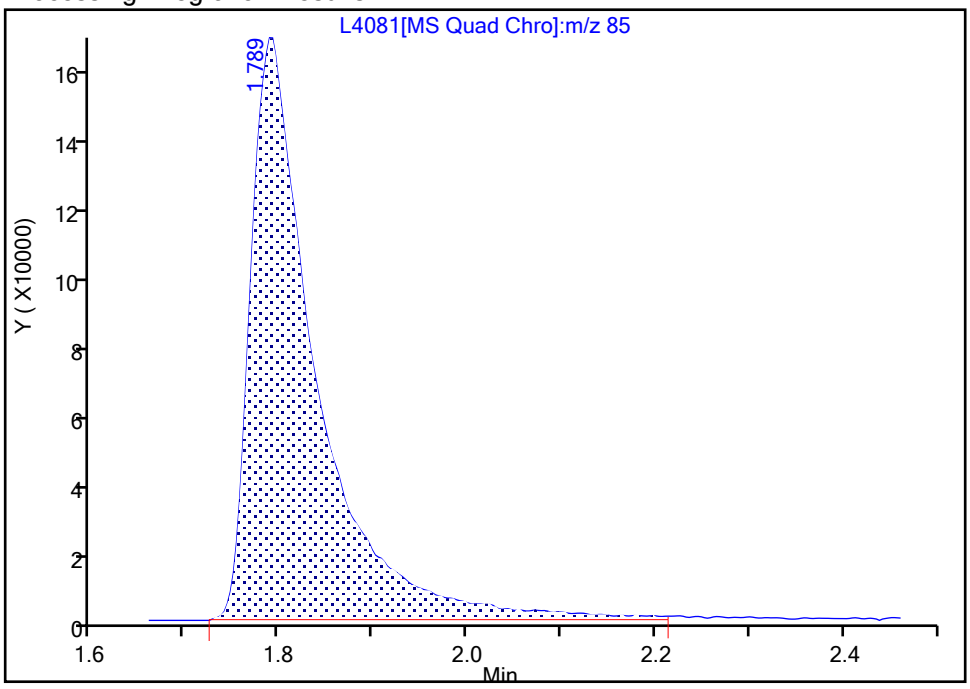
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

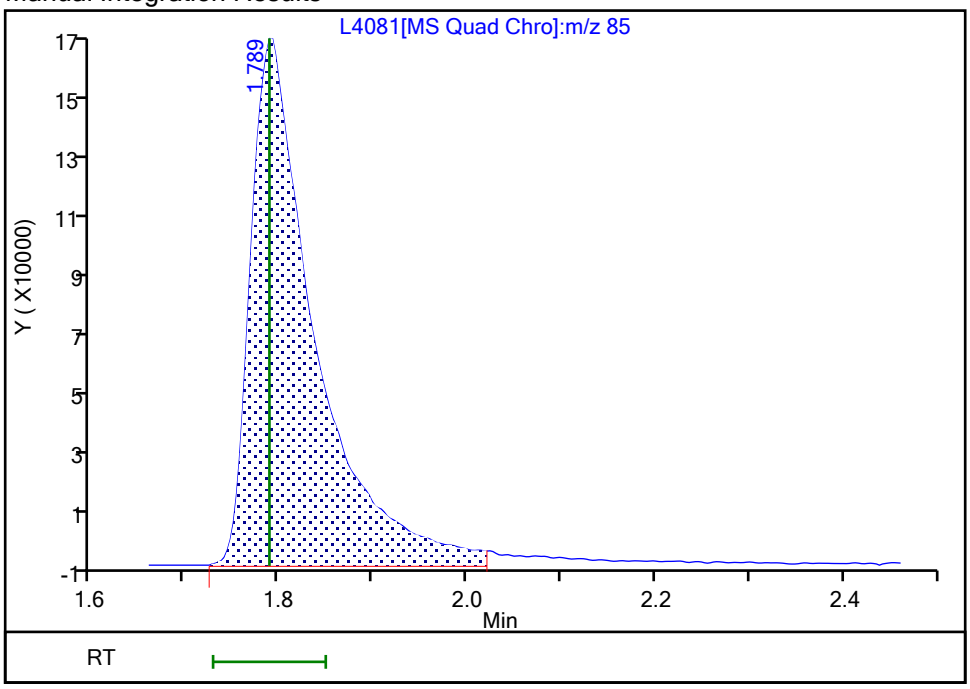
Processing Integration Results

RT: 1.79
Area: 832887
Amount: 110.6069
Amount Units: ug/L



Manual Integration Results

RT: 1.79
Area: 808354
Amount: 110.8246
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:01:13
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

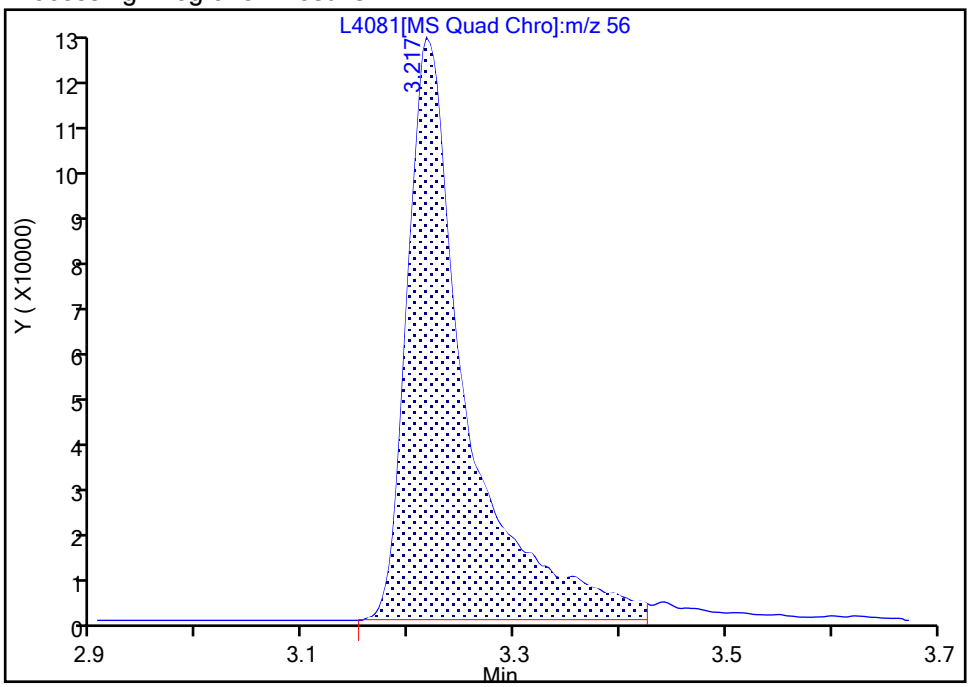
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

28 Acrolein, CAS: 107-02-8

Signal: 1

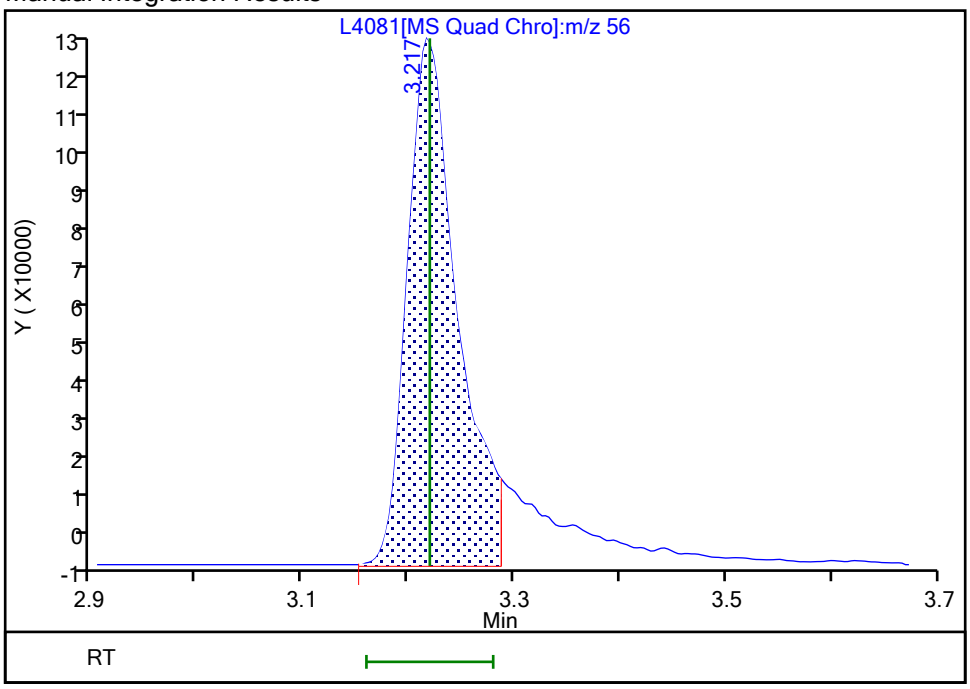
Processing Integration Results

RT: 3.22
Area: 479912
Amount: 641.3682
Amount Units: ug/L



Manual Integration Results

RT: 3.22
Area: 404802
Amount: 586.1384
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 10:16:29
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

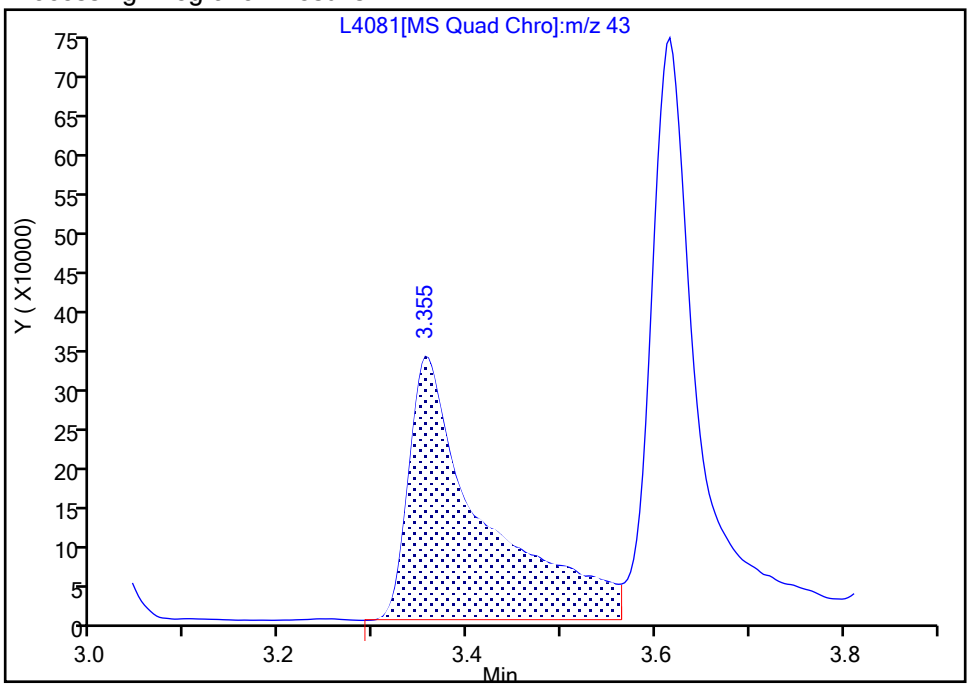
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

31 Acetone, CAS: 67-64-1

Signal: 1

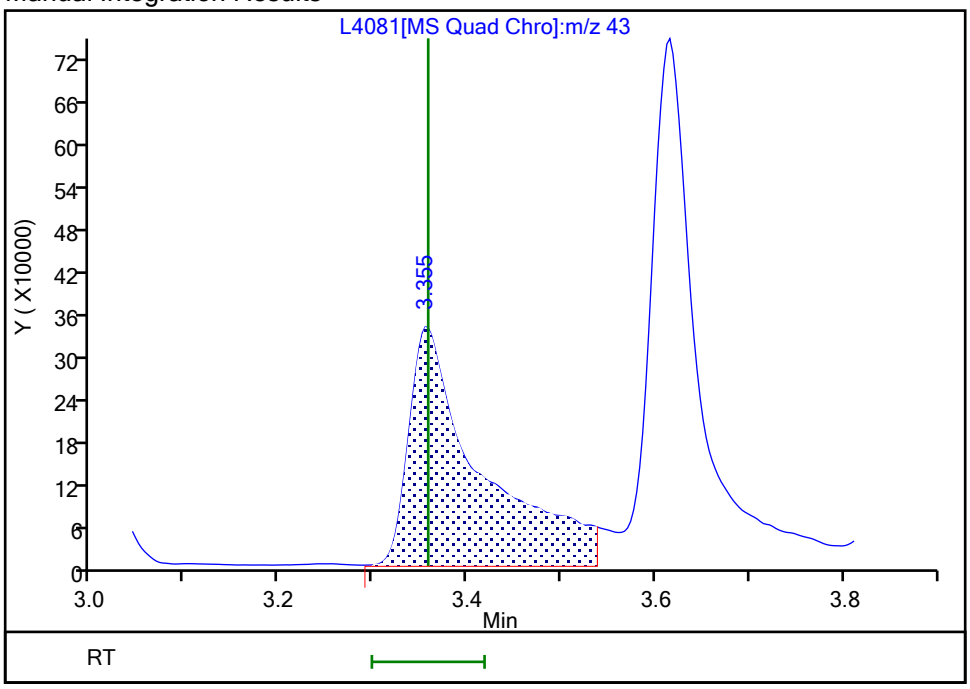
Processing Integration Results

RT: 3.35
Area: 1883282
Amount: 552.4903
Amount Units: ug/L



Manual Integration Results

RT: 3.35
Area: 1809727
Amount: 533.7914
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:08:39
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

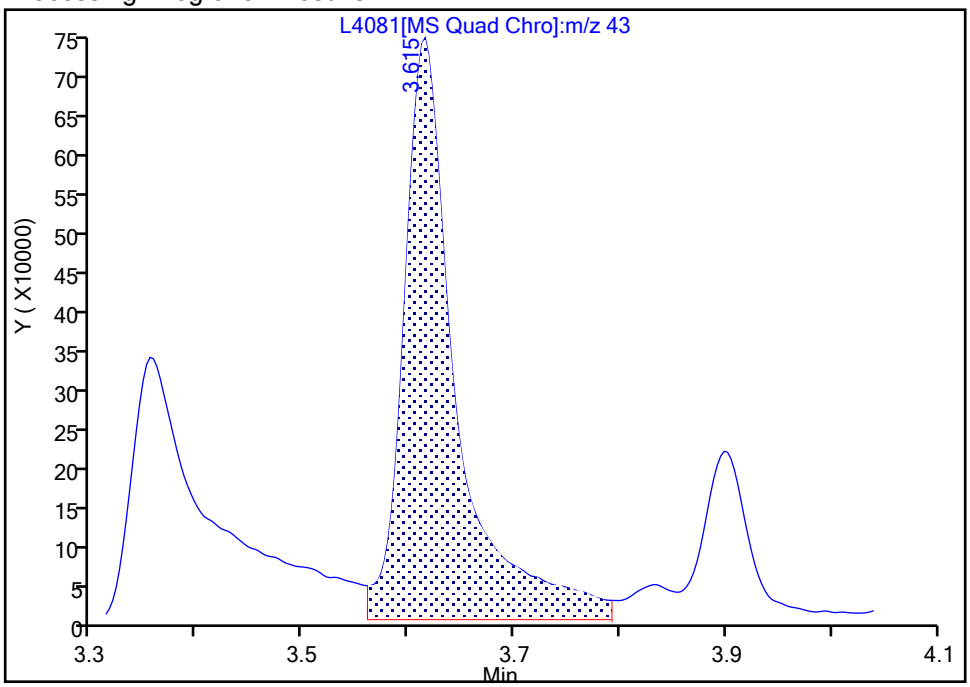
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

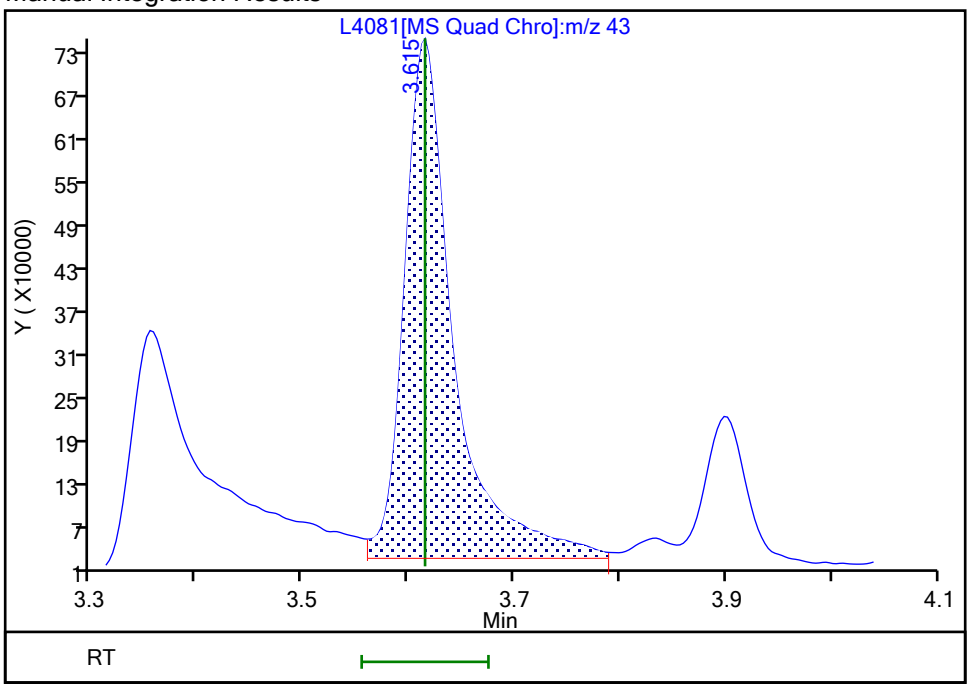
Processing Integration Results

RT: 3.62
Area: 2610074
Amount: 230.6832
Amount Units: ug/L



Manual Integration Results

RT: 3.62
Area: 2350627
Amount: 216.7294
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 08:08:02
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

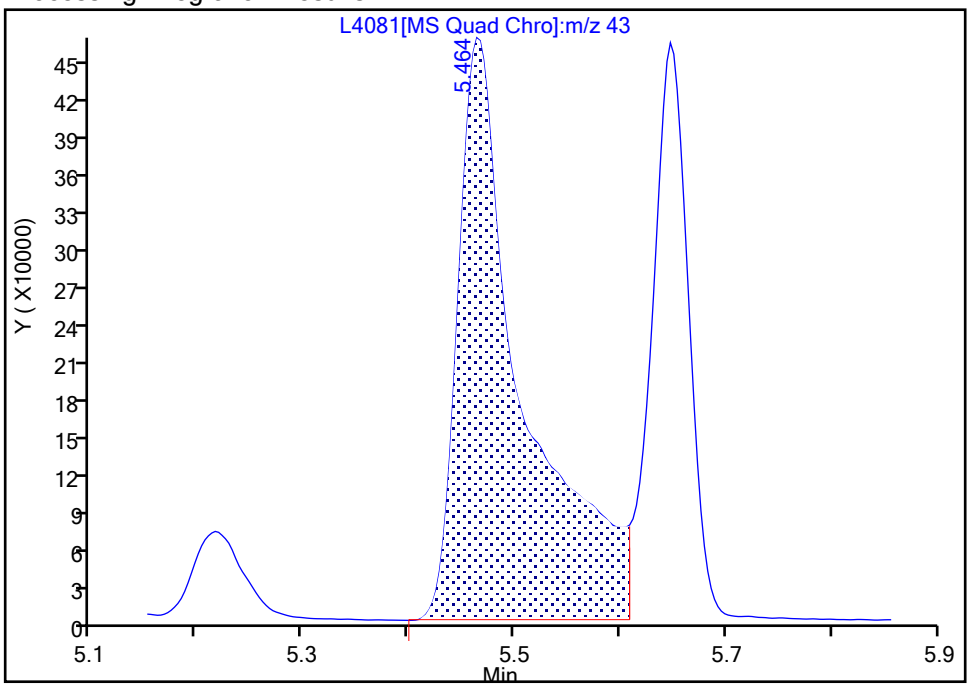
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4081.D
Injection Date: 17-Apr-2023 18:14:53 Instrument ID: HP5977L
Lims ID: IC 7
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

69 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

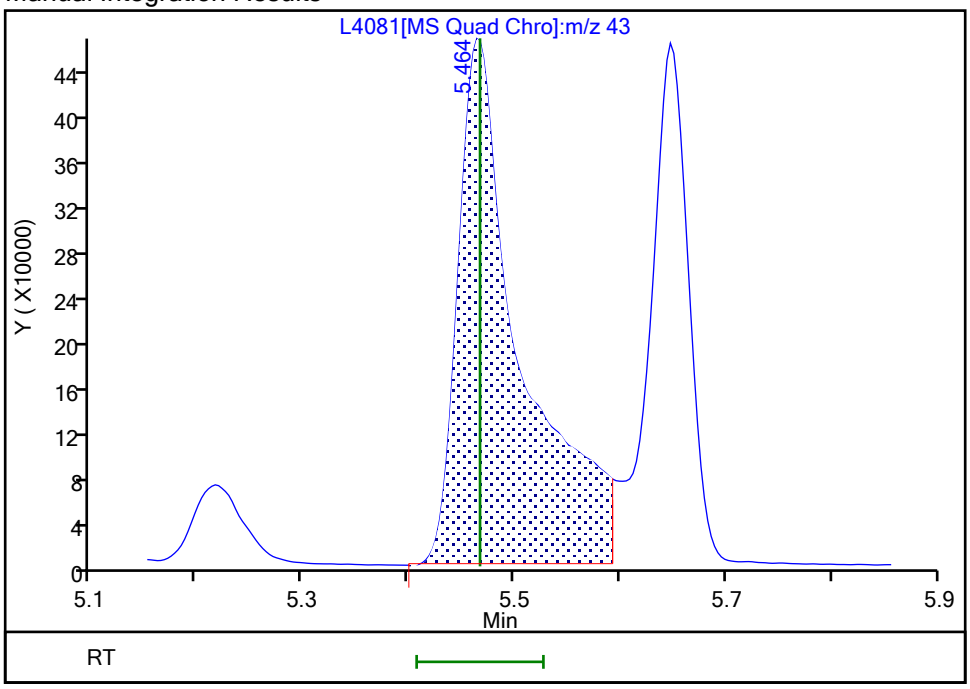
Processing Integration Results

RT: 5.46
Area: 2016975
Amount: 2737.4073
Amount Units: ug/L



Manual Integration Results

RT: 5.46
Area: 1937262
Amount: 2691.4933
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:06:42
Audit Action: Manually Integrated Audit Reason: Poor chromatography

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

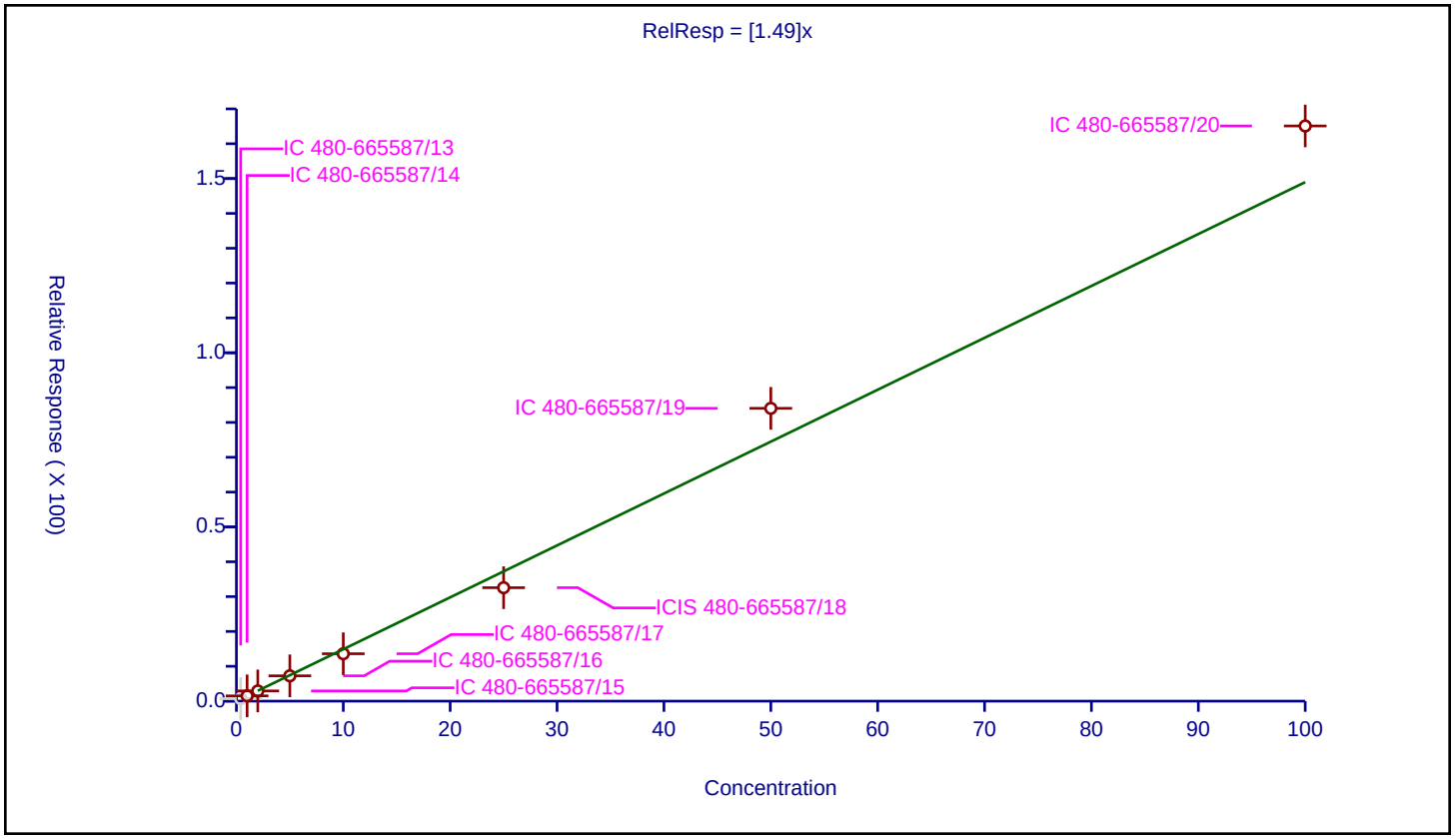
Curve Coefficients

Intercept:	0
Slope:	1.49

Error Coefficients

Standard Error:	384000
Relative Standard Error:	9.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.713684	25.0	146038.0	1.78421	N
2	IC 480-665587/14	1.0	1.513233	25.0	144492.0	1.513233	Y
3	IC 480-665587/15	2.0	2.935019	25.0	147597.0	1.46751	Y
4	IC 480-665587/16	5.0	7.263164	25.0	147391.0	1.452633	Y
5	IC 480-665587/17	10.0	13.601152	25.0	144258.0	1.360115	Y
6	ICIS 480-665587/18	25.0	32.564983	25.0	134151.0	1.302599	Y
7	IC 480-665587/19	50.0	84.046756	25.0	130743.0	1.680935	Y
8	IC 480-665587/20	100.0	165.096891	25.0	122406.0	1.650969	Y



Calibration / Chloromethane

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

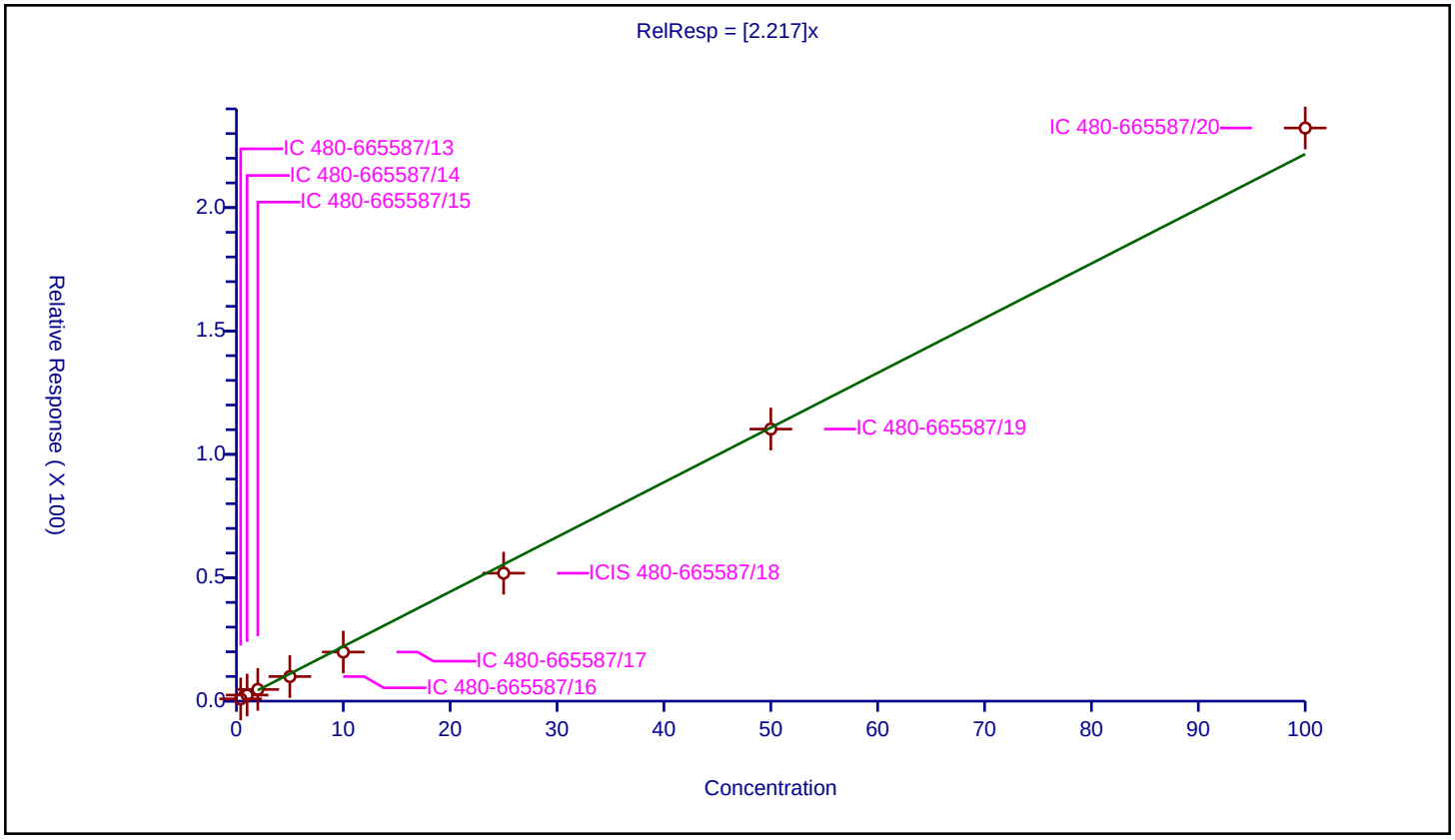
Curve Coefficients

Intercept:	0
Slope:	2.217

Error Coefficients

Standard Error:	496000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.924246	25.0	146038.0	2.310614	Y
2	IC 480-665587/14	1.0	2.470552	25.0	144492.0	2.470552	Y
3	IC 480-665587/15	2.0	4.73824	25.0	147597.0	2.36912	Y
4	IC 480-665587/16	5.0	9.967705	25.0	147391.0	1.993541	Y
5	IC 480-665587/17	10.0	19.893697	25.0	144258.0	1.98937	Y
6	ICIS 480-665587/18	25.0	51.856304	25.0	134151.0	2.074252	Y
7	IC 480-665587/19	50.0	110.257911	25.0	130743.0	2.205158	Y
8	IC 480-665587/20	100.0	232.254751	25.0	122406.0	2.322548	Y



7/12/2023
10:47 AM

Calibration / Vinyl chloride

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

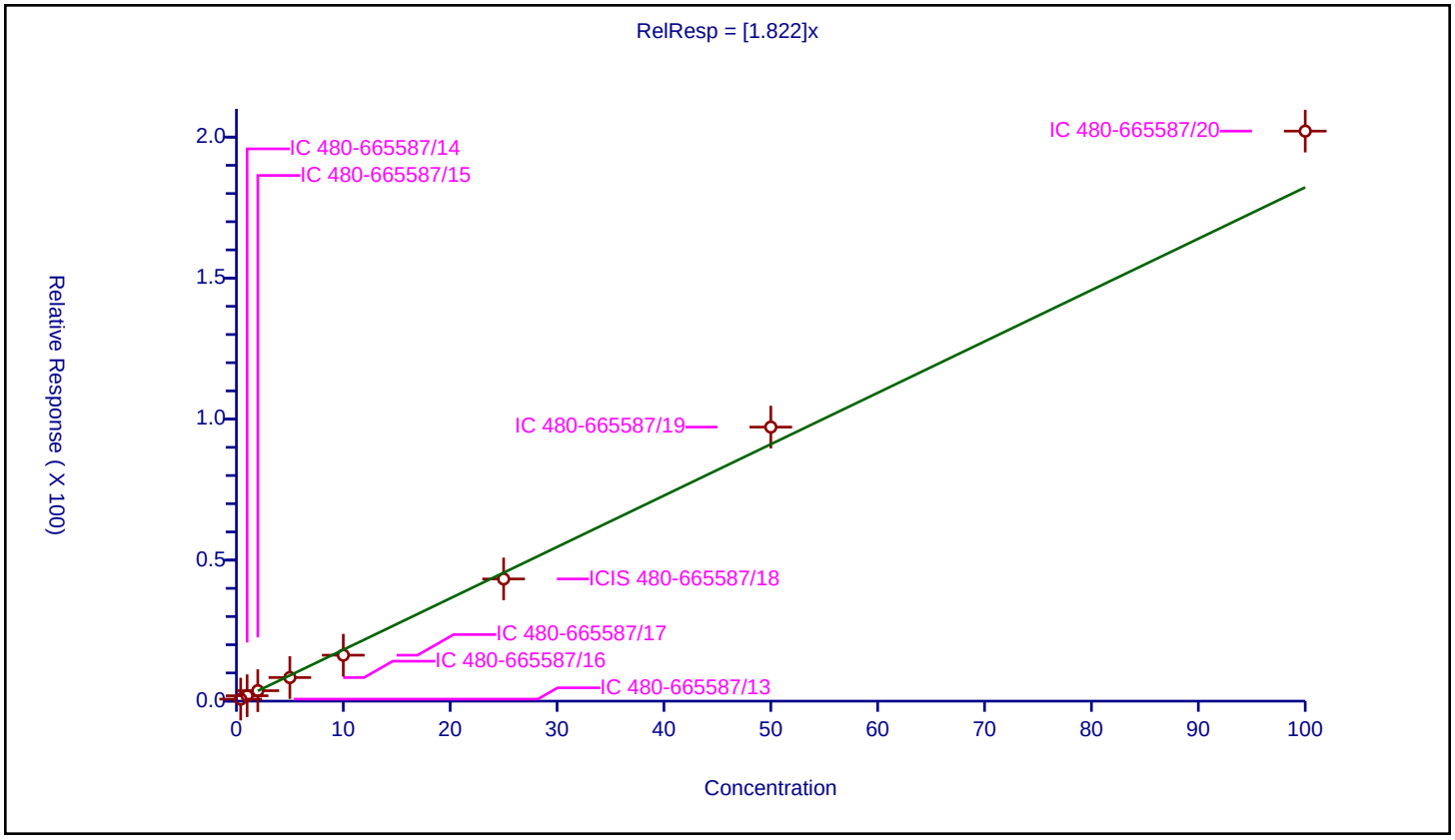
Curve Coefficients

Intercept:	0
Slope:	1.822

Error Coefficients

Standard Error:	431000
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	IC 480-665587/13	0.4	0.724983	25.0	146038.0	1.812456	Y
2	IC 480-665587/14	1.0	1.907718	25.0	144492.0	1.907718	Y
3	IC 480-665587/15	2.0	3.708578	25.0	147597.0	1.854289	Y
4	IC 480-665587/16	5.0	8.364826	25.0	147391.0	1.672965	Y
5	IC 480-665587/17	10.0	16.297363	25.0	144258.0	1.629736	Y
6	ICIS 480-665587/18	25.0	43.320027	25.0	134151.0	1.732801	Y
7	IC 480-665587/19	50.0	97.176139	25.0	130743.0	1.943523	Y
8	IC 480-665587/20	100.0	202.127347	25.0	122406.0	2.021273	Y



Calibration / Butadiene

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

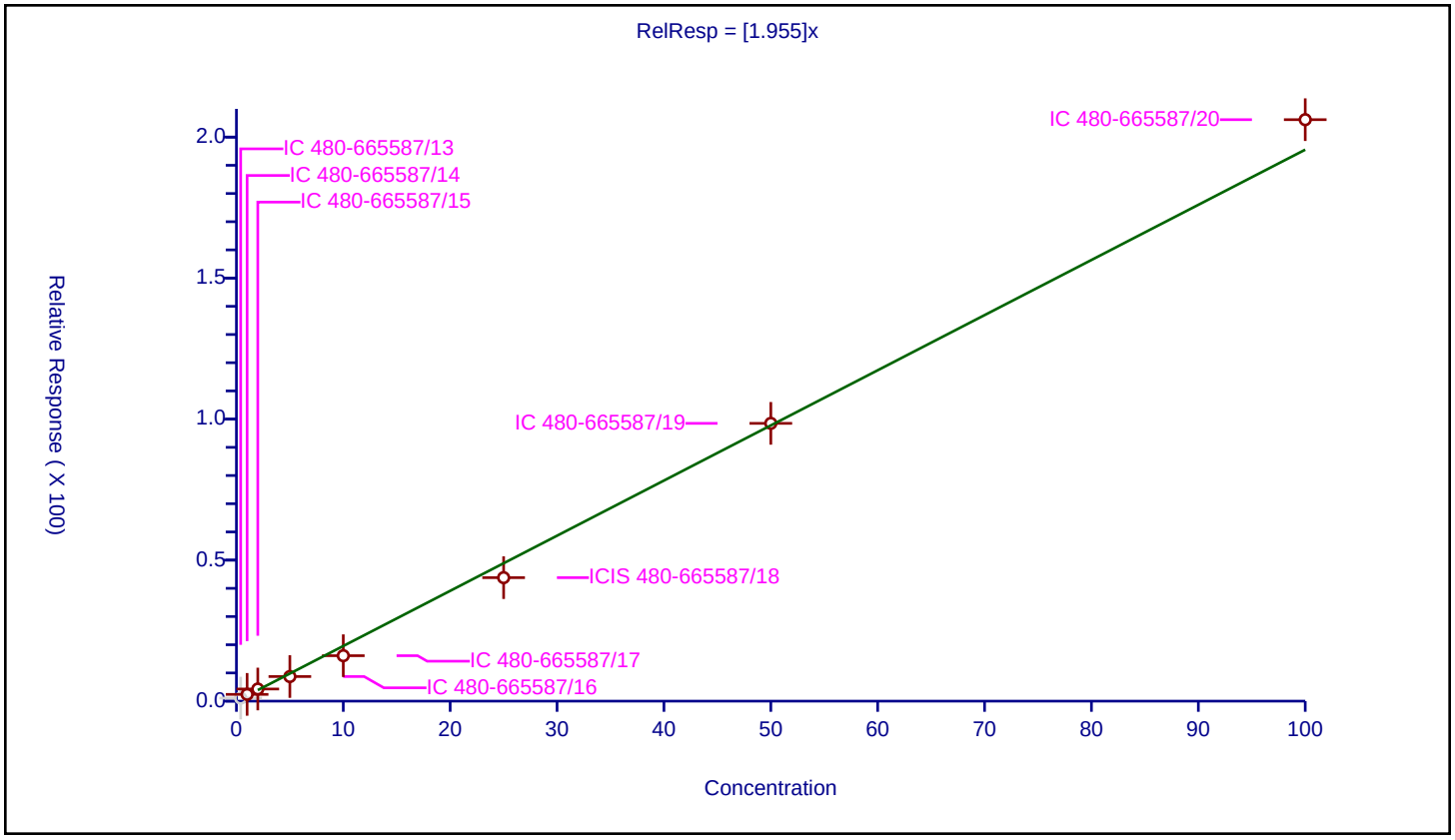
Curve Coefficients

Intercept:	0
Slope:	1.955

Error Coefficients

Standard Error:	475000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.077459	25.0	146038.0	2.693648	N
2	IC 480-665587/14	1.0	2.398749	25.0	144492.0	2.398749	Y
3	IC 480-665587/15	2.0	4.298698	25.0	147597.0	2.149349	Y
4	IC 480-665587/16	5.0	8.723565	25.0	147391.0	1.744713	Y
5	IC 480-665587/17	10.0	16.115571	25.0	144258.0	1.611557	Y
6	ICIS 480-665587/18	25.0	43.784243	25.0	134151.0	1.75137	Y
7	IC 480-665587/19	50.0	98.497816	25.0	130743.0	1.969956	Y
8	IC 480-665587/20	100.0	206.172696	25.0	122406.0	2.061727	Y



Calibration / Bromomethane

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

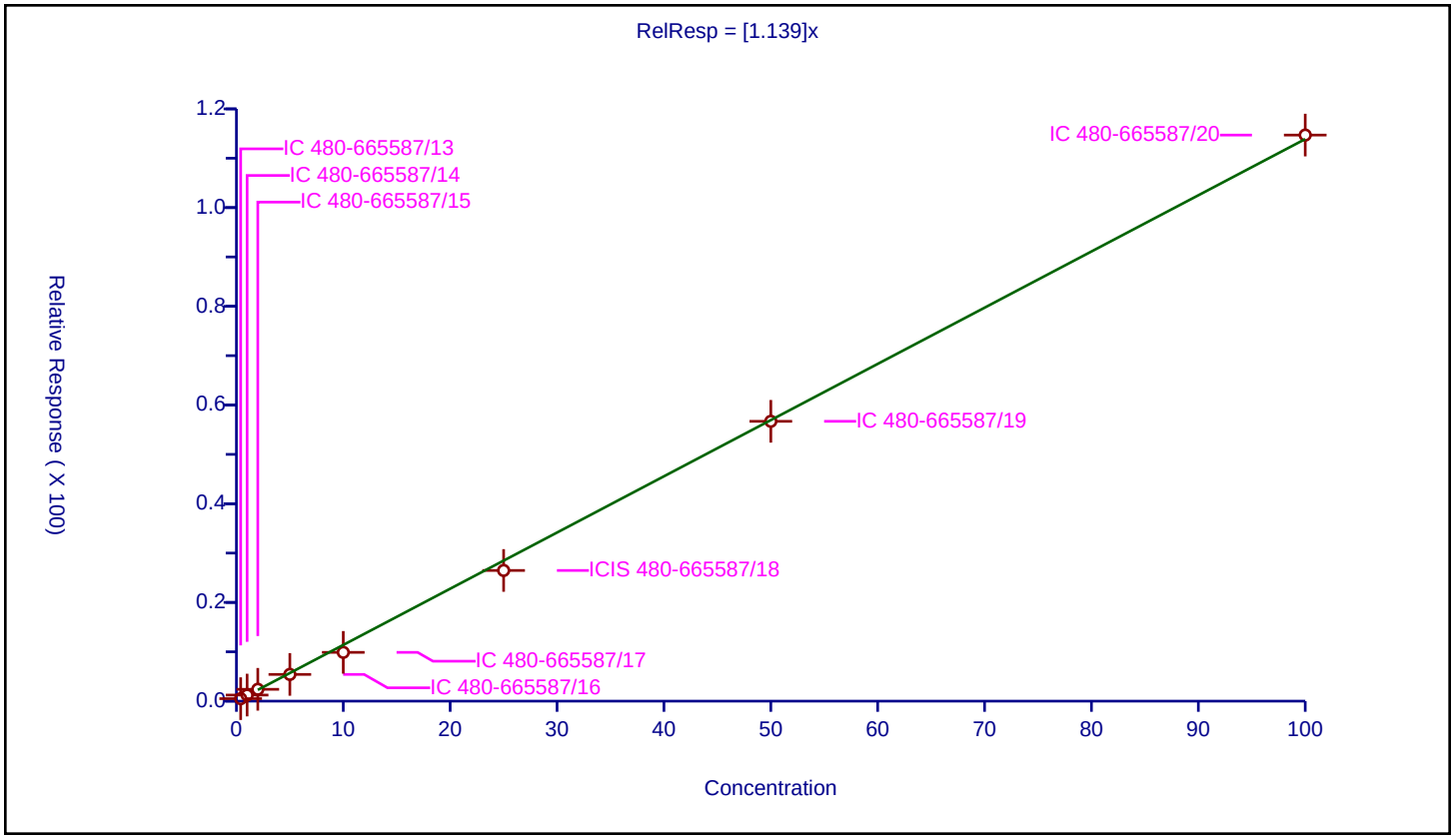
Curve Coefficients

Intercept:	0
Slope:	1.139

Error Coefficients

Standard Error:	247000
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	IC 480-665587/13	0.4	0.506375	25.0	146038.0	1.265938	Y
2	IC 480-665587/14	1.0	1.234151	25.0	144492.0	1.234151	Y
3	IC 480-665587/15	2.0	2.398931	25.0	147597.0	1.199465	Y
4	IC 480-665587/16	5.0	5.414001	25.0	147391.0	1.0828	Y
5	IC 480-665587/17	10.0	9.881601	25.0	144258.0	0.98816	Y
6	ICIS 480-665587/18	25.0	26.476694	25.0	134151.0	1.059068	Y
7	IC 480-665587/19	50.0	56.699785	25.0	130743.0	1.133996	Y
8	IC 480-665587/20	100.0	114.697196	25.0	122406.0	1.146972	Y



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Calibration / Chloroethane

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

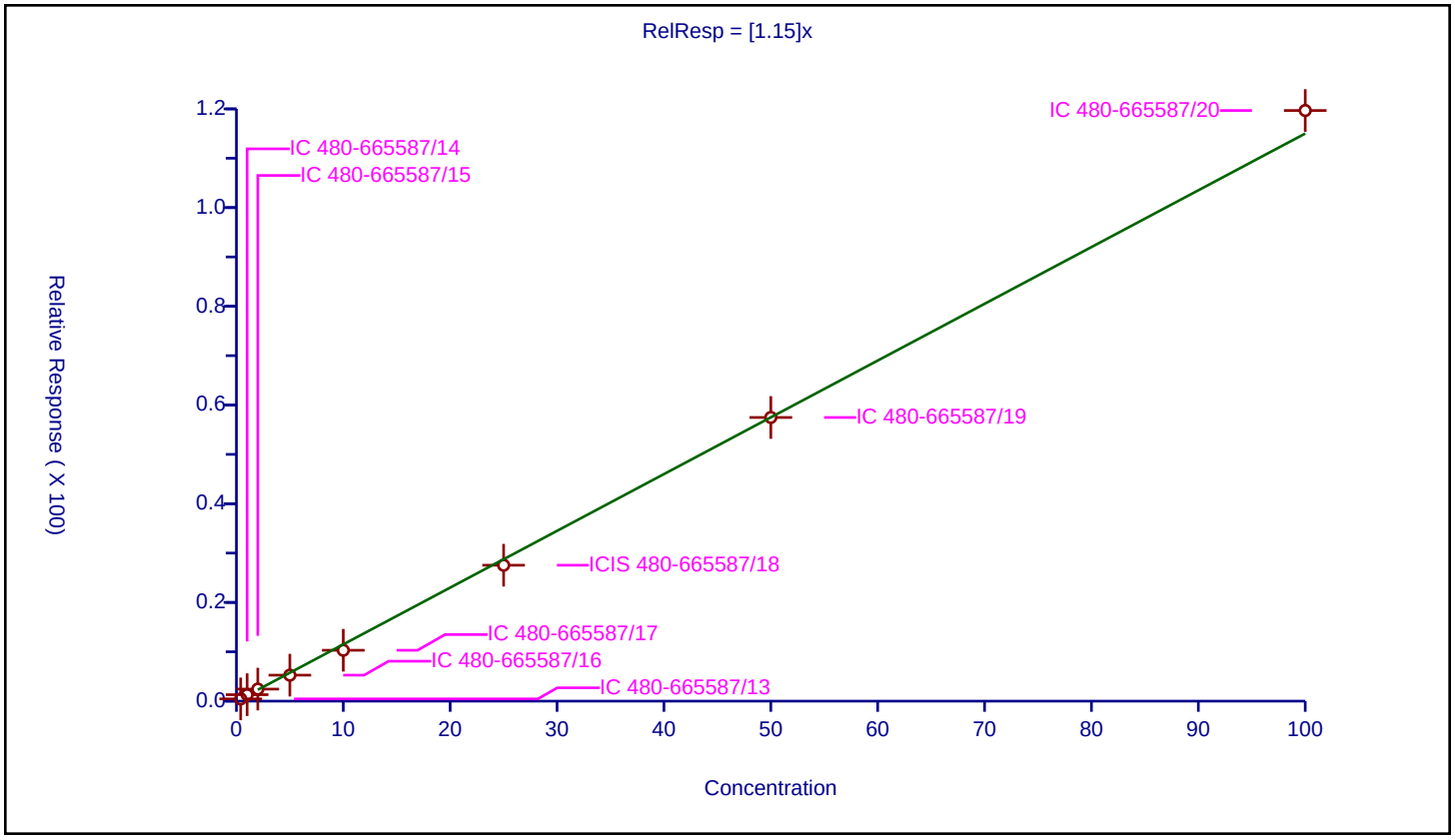
Curve Coefficients

Intercept:	0
Slope:	1.15

Error Coefficients

Standard Error:	256000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.455019	25.0	146038.0	1.137546	Y
2	IC 480-665587/14	1.0	1.309588	25.0	144492.0	1.309588	Y
3	IC 480-665587/15	2.0	2.443817	25.0	147597.0	1.221908	Y
4	IC 480-665587/16	5.0	5.262363	25.0	147391.0	1.052473	Y
5	IC 480-665587/17	10.0	10.30844	25.0	144258.0	1.030844	Y
6	ICIS 480-665587/18	25.0	27.542471	25.0	134151.0	1.101699	Y
7	IC 480-665587/19	50.0	57.473823	25.0	130743.0	1.149476	Y
8	IC 480-665587/20	100.0	119.672238	25.0	122406.0	1.196722	Y



Calibration / Trichlorofluoromethane

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

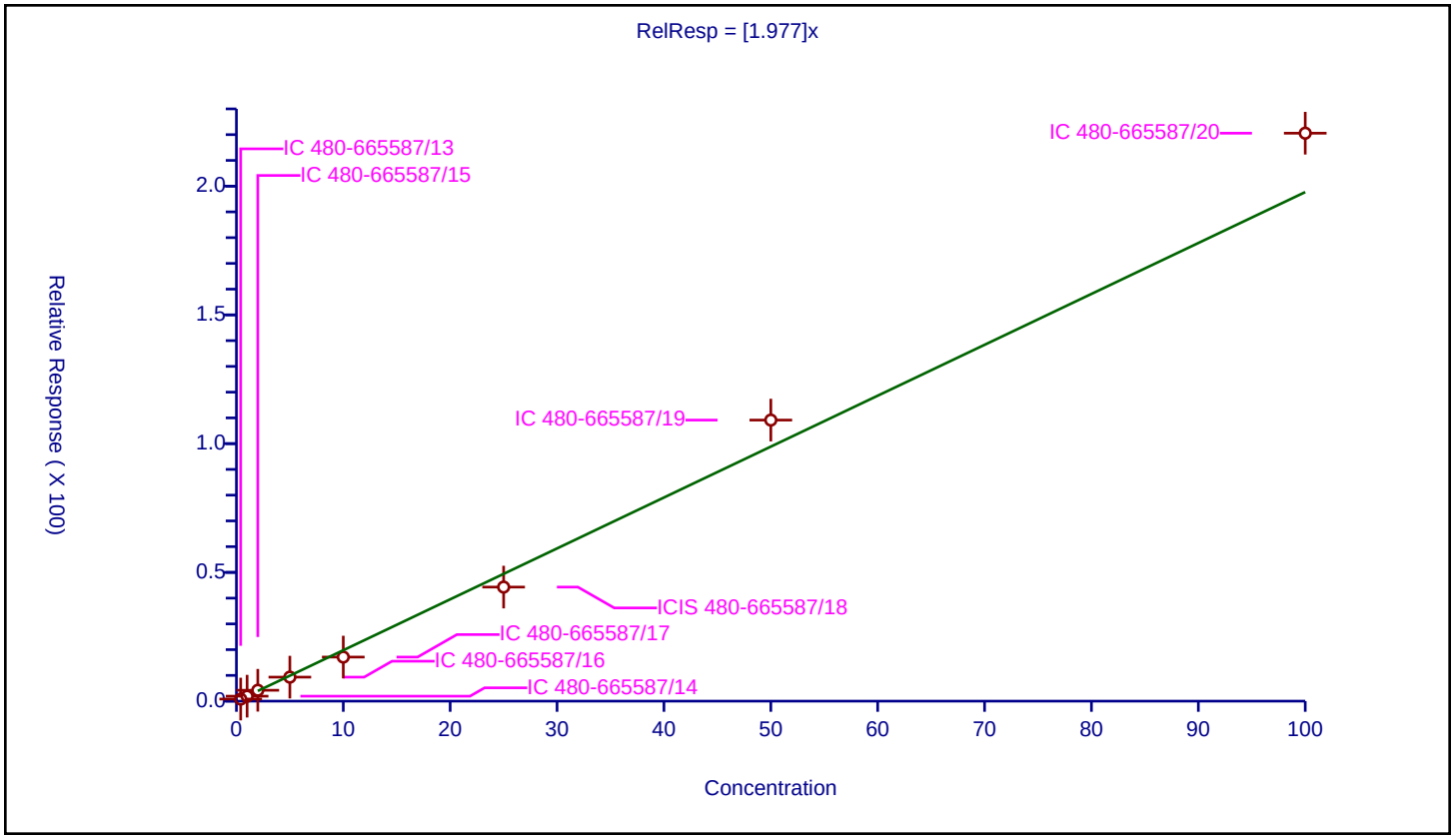
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Standard Error:	472000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.813829	25.0	146038.0	2.034573	Y
2	IC 480-665587/14	1.0	1.932114	25.0	144492.0	1.932114	Y
3	IC 480-665587/15	2.0	4.224341	25.0	147597.0	2.11217	Y
4	IC 480-665587/16	5.0	9.320108	25.0	147391.0	1.864022	Y
5	IC 480-665587/17	10.0	17.112742	25.0	144258.0	1.711274	Y
6	ICIS 480-665587/18	25.0	44.299148	25.0	134151.0	1.771966	Y
7	IC 480-665587/19	50.0	109.147717	25.0	130743.0	2.182954	Y
8	IC 480-665587/20	100.0	220.55945	25.0	122406.0	2.205594	Y



Calibration / Dichlorofluoromethane

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

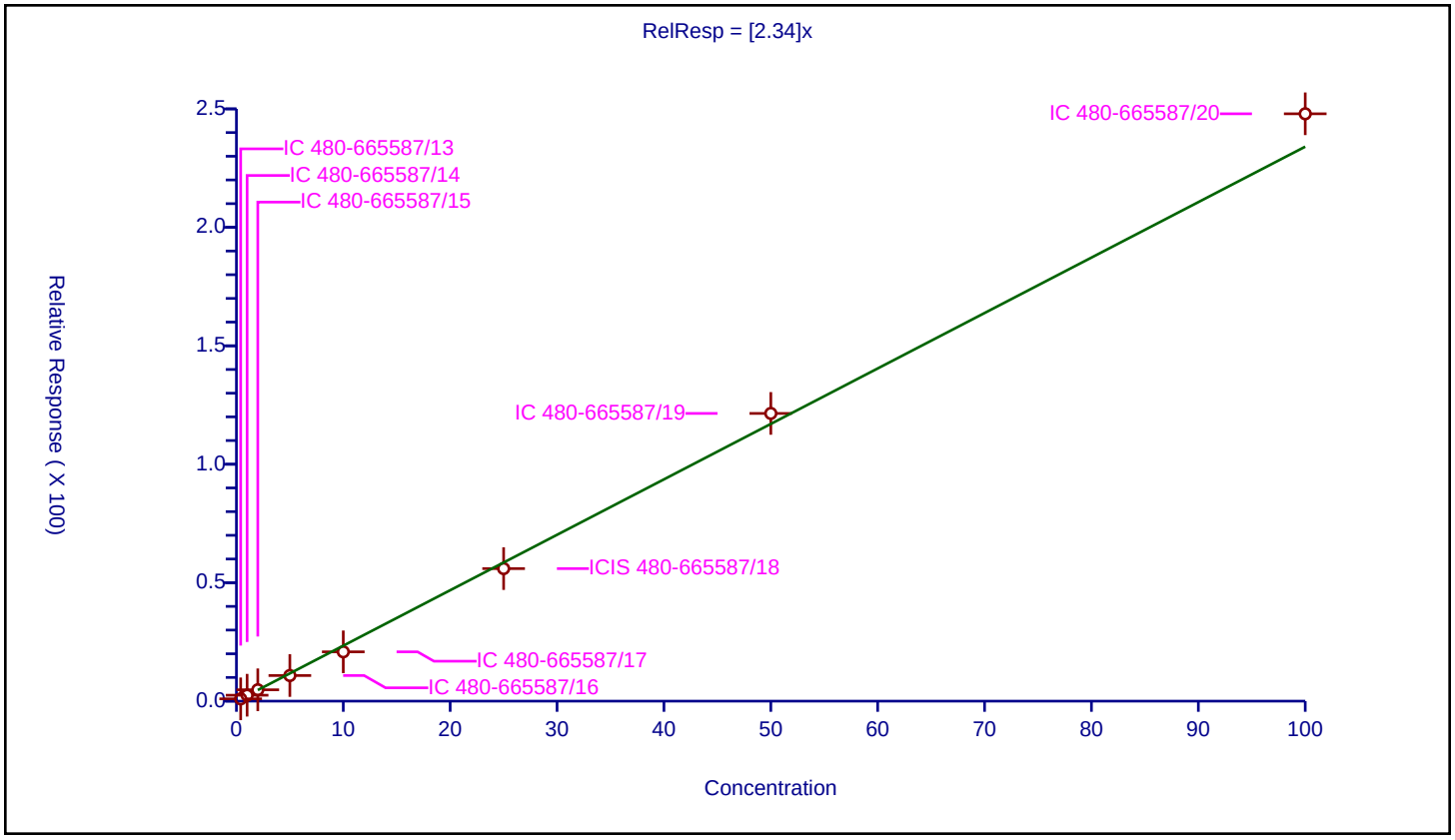
Curve Coefficients

Intercept:	0
Slope:	2.34

Error Coefficients

Standard Error:	533000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.972692	25.0	146038.0	2.43173	Y
2	IC 480-665587/14	1.0	2.505329	25.0	144492.0	2.505329	Y
3	IC 480-665587/15	2.0	4.79007	25.0	147597.0	2.395035	Y
4	IC 480-665587/16	5.0	10.814772	25.0	147391.0	2.162954	Y
5	IC 480-665587/17	10.0	20.821376	25.0	144258.0	2.082138	Y
6	ICIS 480-665587/18	25.0	55.952621	25.0	134151.0	2.238105	Y
7	IC 480-665587/19	50.0	121.450288	25.0	130743.0	2.429006	Y
8	IC 480-665587/20	100.0	247.935559	25.0	122406.0	2.479356	Y



Calibration / Ethyl ether

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

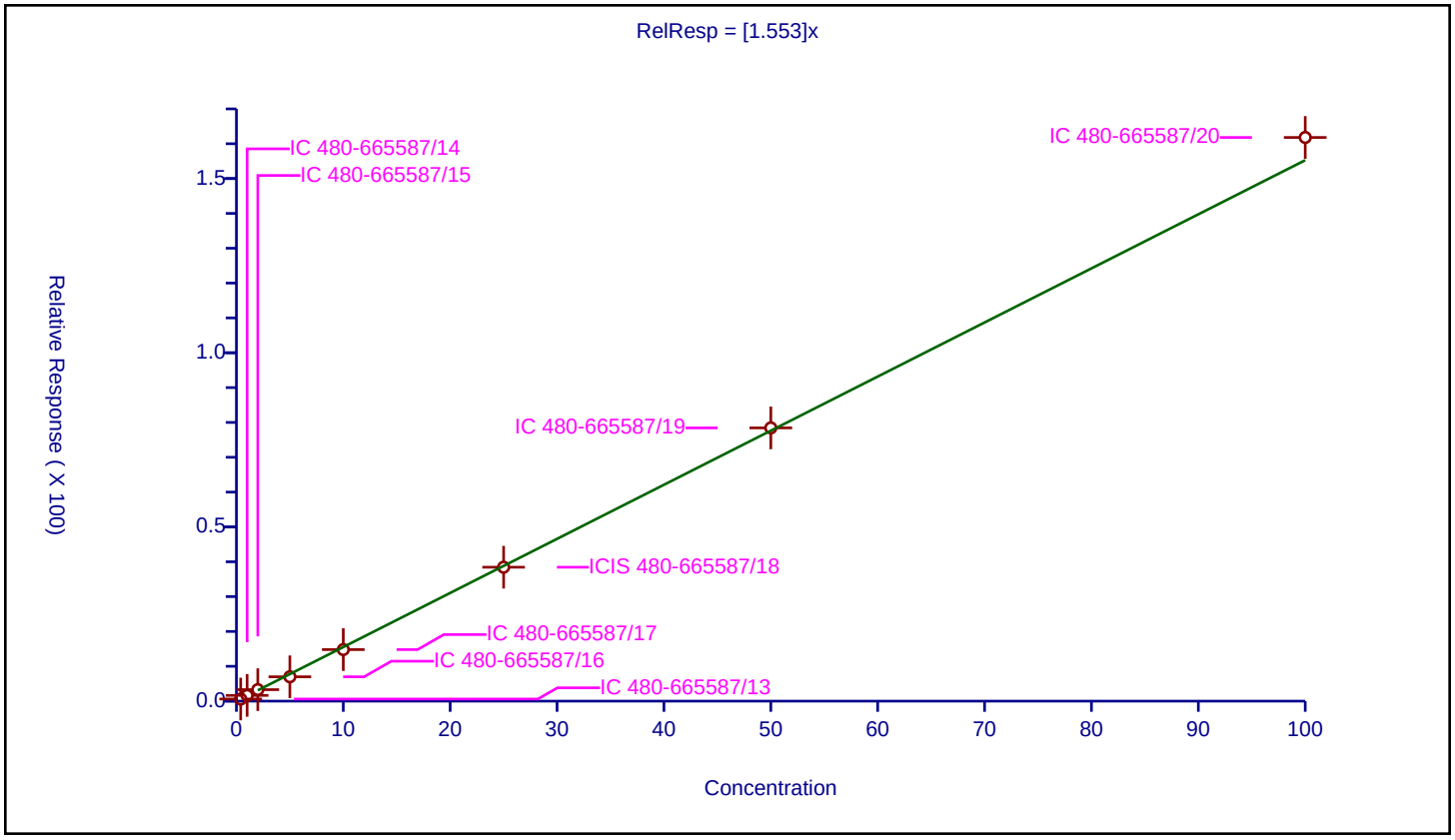
Curve Coefficients

Intercept:	0
Slope:	1.553

Error Coefficients

Standard Error:	348000
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	IC 480-665587/13	0.4	0.608061	25.0	146038.0	1.520152	Y
2	IC 480-665587/14	1.0	1.647323	25.0	144492.0	1.647323	Y
3	IC 480-665587/15	2.0	3.301896	25.0	147597.0	1.650948	Y
4	IC 480-665587/16	5.0	6.992964	25.0	147391.0	1.398593	Y
5	IC 480-665587/17	10.0	14.799006	25.0	144258.0	1.479901	Y
6	ICIS 480-665587/18	25.0	38.446042	25.0	134151.0	1.537842	Y
7	IC 480-665587/19	50.0	78.435366	25.0	130743.0	1.568707	Y
8	IC 480-665587/20	100.0	161.794561	25.0	122406.0	1.617946	Y



Calibration / Acrolein

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

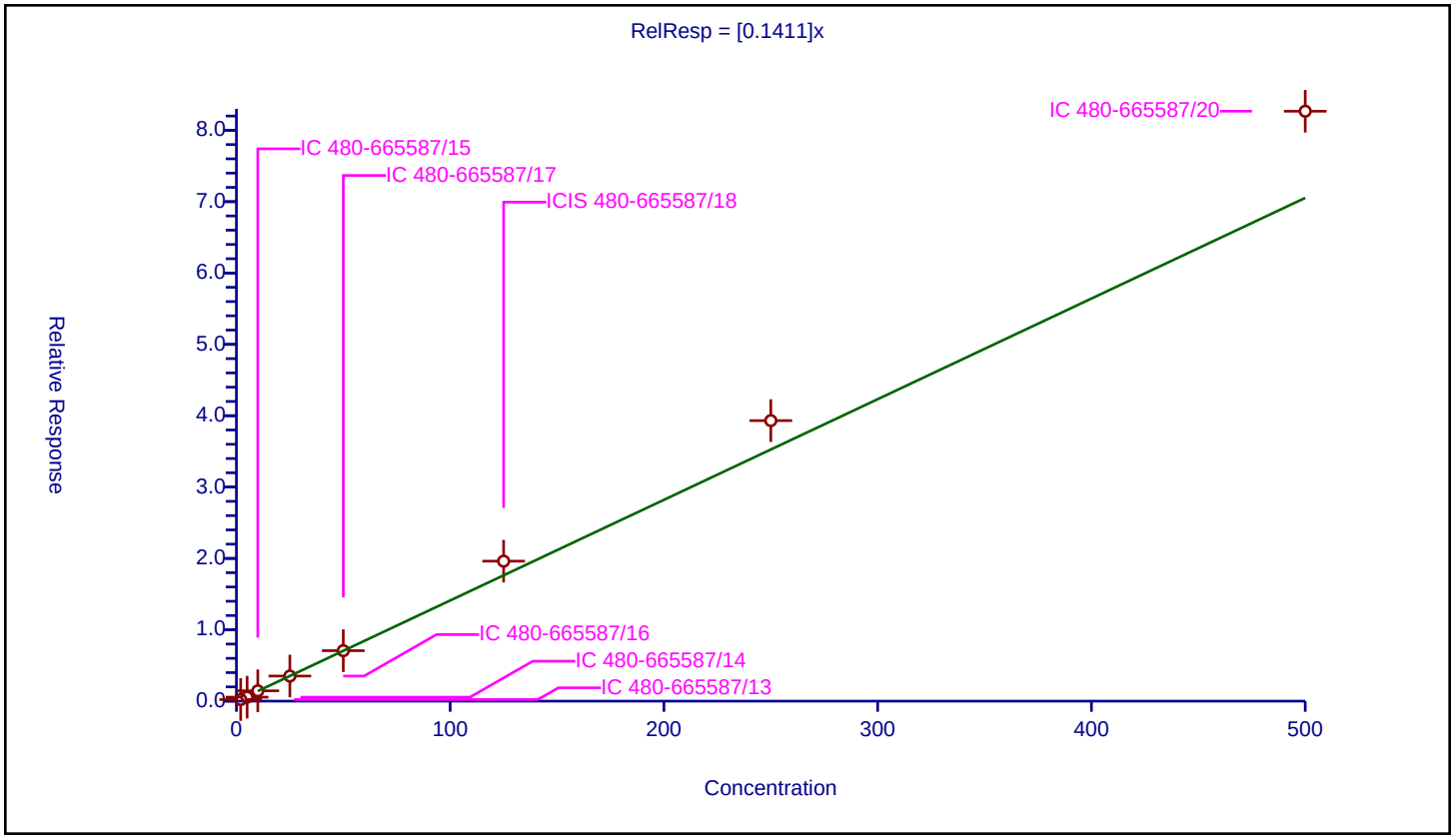
Curve Coefficients

Intercept:	0
Slope:	0.1411

Error Coefficients

Standard Error:	177000
Relative Standard Error:	14.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	2.0	0.221175	25.0	146038.0	0.110588	Y
2	IC 480-665587/14	5.0	0.557124	25.0	144492.0	0.111425	Y
3	IC 480-665587/15	10.0	1.447523	25.0	147597.0	0.144752	Y
4	IC 480-665587/16	25.0	3.518023	25.0	147391.0	0.140721	Y
5	IC 480-665587/17	50.0	7.069625	25.0	144258.0	0.141393	Y
6	ICIS 480-665587/18	125.0	19.61726	25.0	134151.0	0.156938	Y
7	IC 480-665587/19	250.0	39.312239	25.0	130743.0	0.157249	Y
8	IC 480-665587/20	500.0	82.676094	25.0	122406.0	0.165352	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

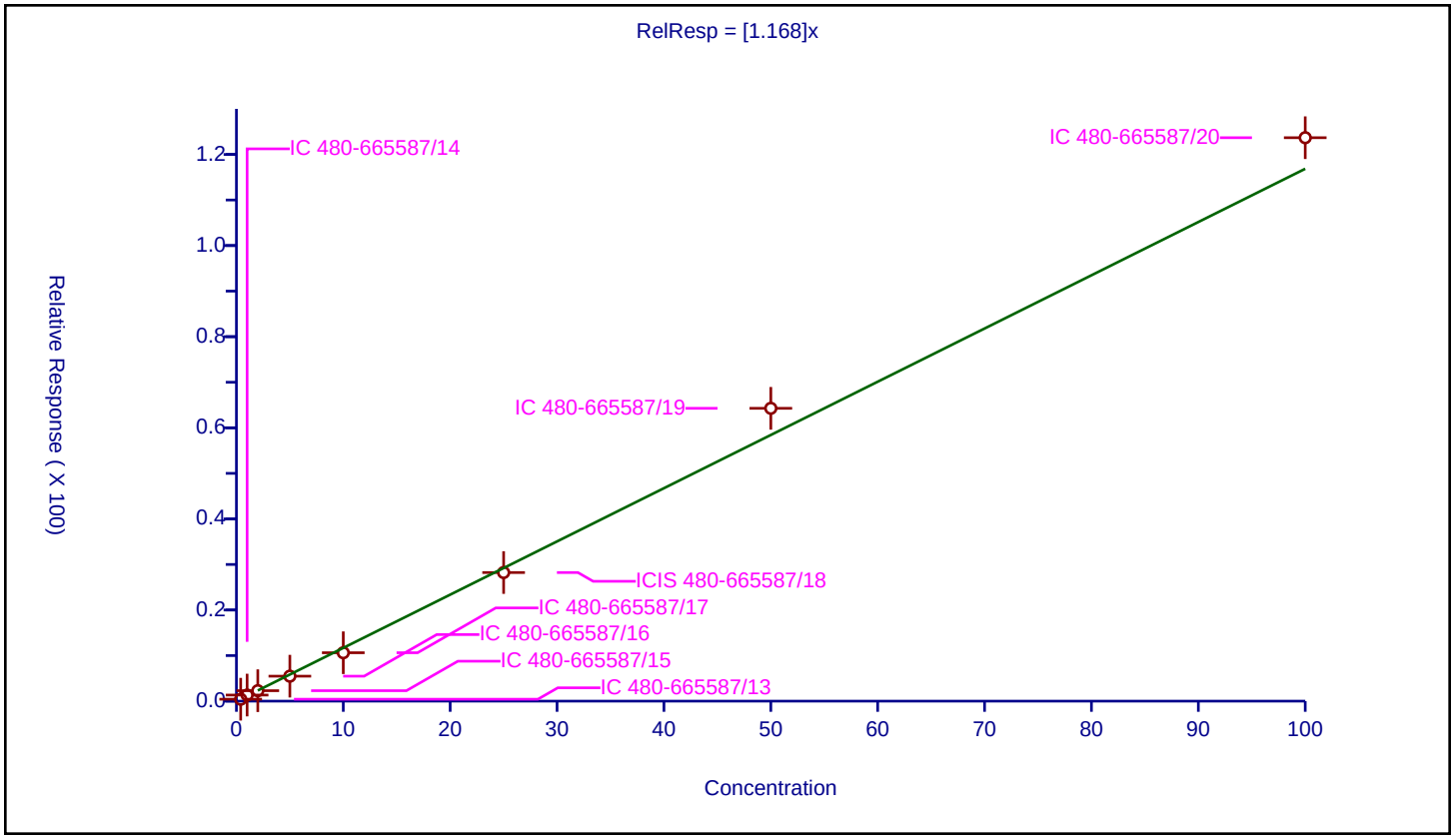
Curve Coefficients

Intercept:	0
Slope:	1.168

Error Coefficients

Standard Error:	269000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.421294	25.0	146038.0	1.053236	Y
2	IC 480-665587/14	1.0	1.337098	25.0	144492.0	1.337098	Y
3	IC 480-665587/15	2.0	2.294085	25.0	147597.0	1.147042	Y
4	IC 480-665587/16	5.0	5.483713	25.0	147391.0	1.096743	Y
5	IC 480-665587/17	10.0	10.623848	25.0	144258.0	1.062385	Y
6	ICIS 480-665587/18	25.0	28.228079	25.0	134151.0	1.129123	Y
7	IC 480-665587/19	50.0	64.277246	25.0	130743.0	1.285545	Y
8	IC 480-665587/20	100.0	123.674085	25.0	122406.0	1.236741	Y



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Calibration / 1,1-Dichloroethene

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

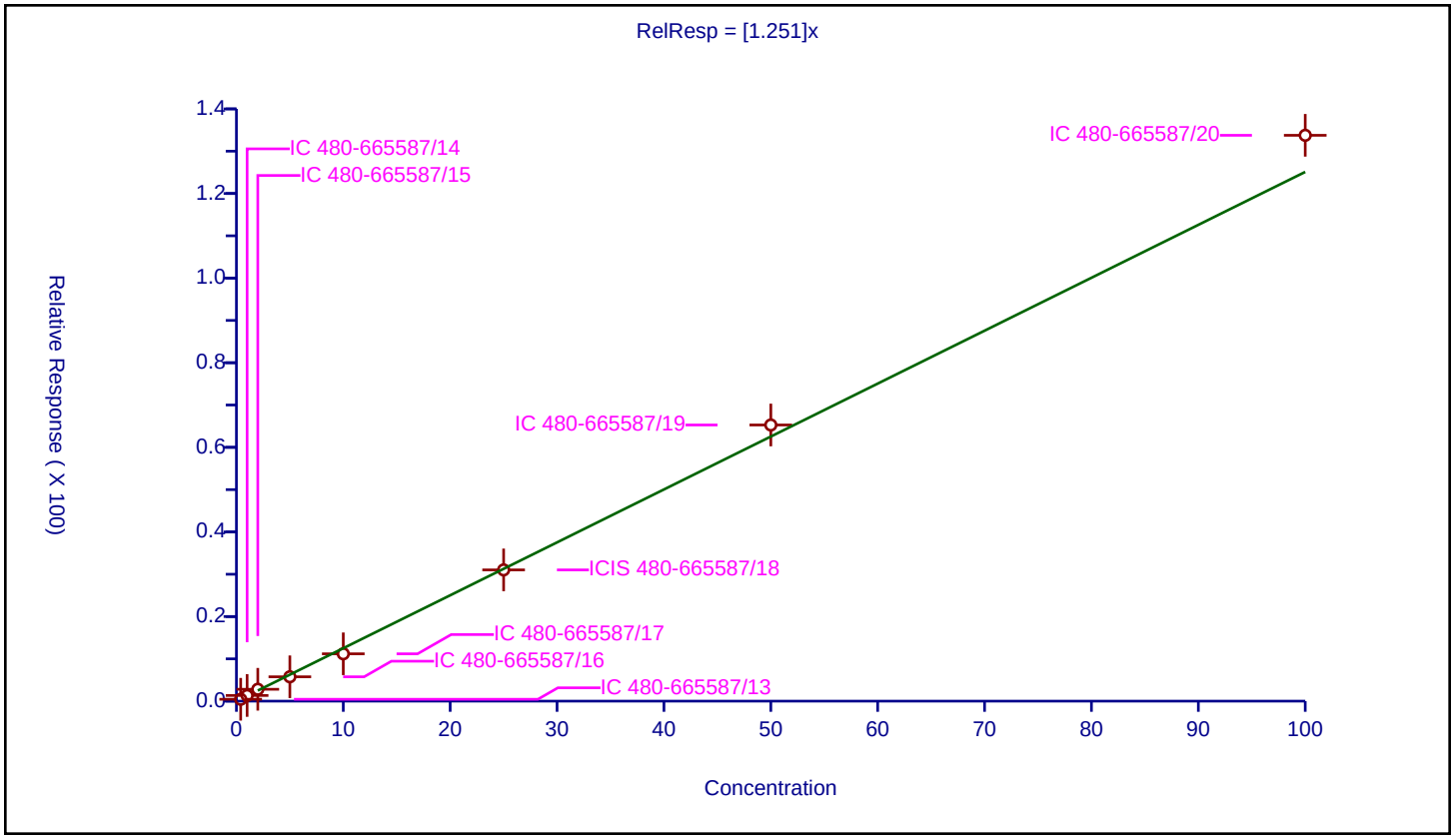
Curve Coefficients

Intercept:	0
Slope:	1.251

Error Coefficients

Standard Error:	287000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.444918	25.0	146038.0	1.112296	Y
2	IC 480-665587/14	1.0	1.338828	25.0	144492.0	1.338828	Y
3	IC 480-665587/15	2.0	2.806459	25.0	147597.0	1.40323	Y
4	IC 480-665587/16	5.0	5.754592	25.0	147391.0	1.150918	Y
5	IC 480-665587/17	10.0	11.188114	25.0	144258.0	1.118811	Y
6	ICIS 480-665587/18	25.0	31.020268	25.0	134151.0	1.240811	Y
7	IC 480-665587/19	50.0	65.2773	25.0	130743.0	1.305546	Y
8	IC 480-665587/20	100.0	133.756107	25.0	122406.0	1.337561	Y



Calibration / Acetone

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

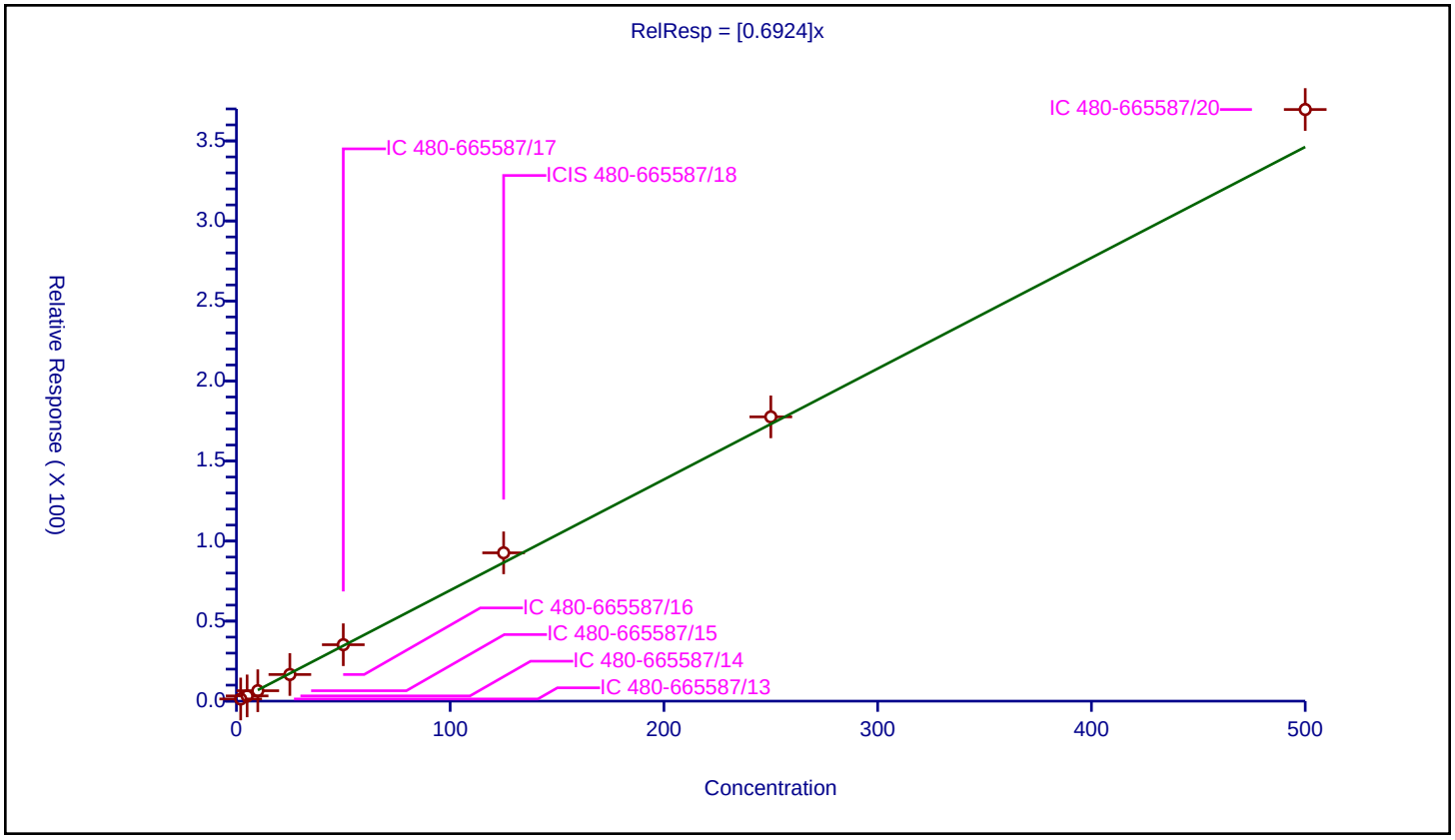
Curve Coefficients

Intercept:	0
Slope:	0.6924

Error Coefficients

Standard Error:	796000
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	IC 480-665587/13	2.0	1.348108	25.0	146038.0	0.674054	Y
2	IC 480-665587/14	5.0	3.265752	25.0	144492.0	0.65315	Y
3	IC 480-665587/15	10.0	6.510803	25.0	147597.0	0.65108	Y
4	IC 480-665587/16	25.0	16.633478	25.0	147391.0	0.665339	Y
5	IC 480-665587/17	50.0	35.246399	25.0	144258.0	0.704928	Y
6	ICIS 480-665587/18	125.0	92.663305	25.0	134151.0	0.741306	Y
7	IC 480-665587/19	250.0	177.596889	25.0	130743.0	0.710388	Y
8	IC 480-665587/20	500.0	369.615664	25.0	122406.0	0.739231	Y



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Calibration / Iodomethane

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

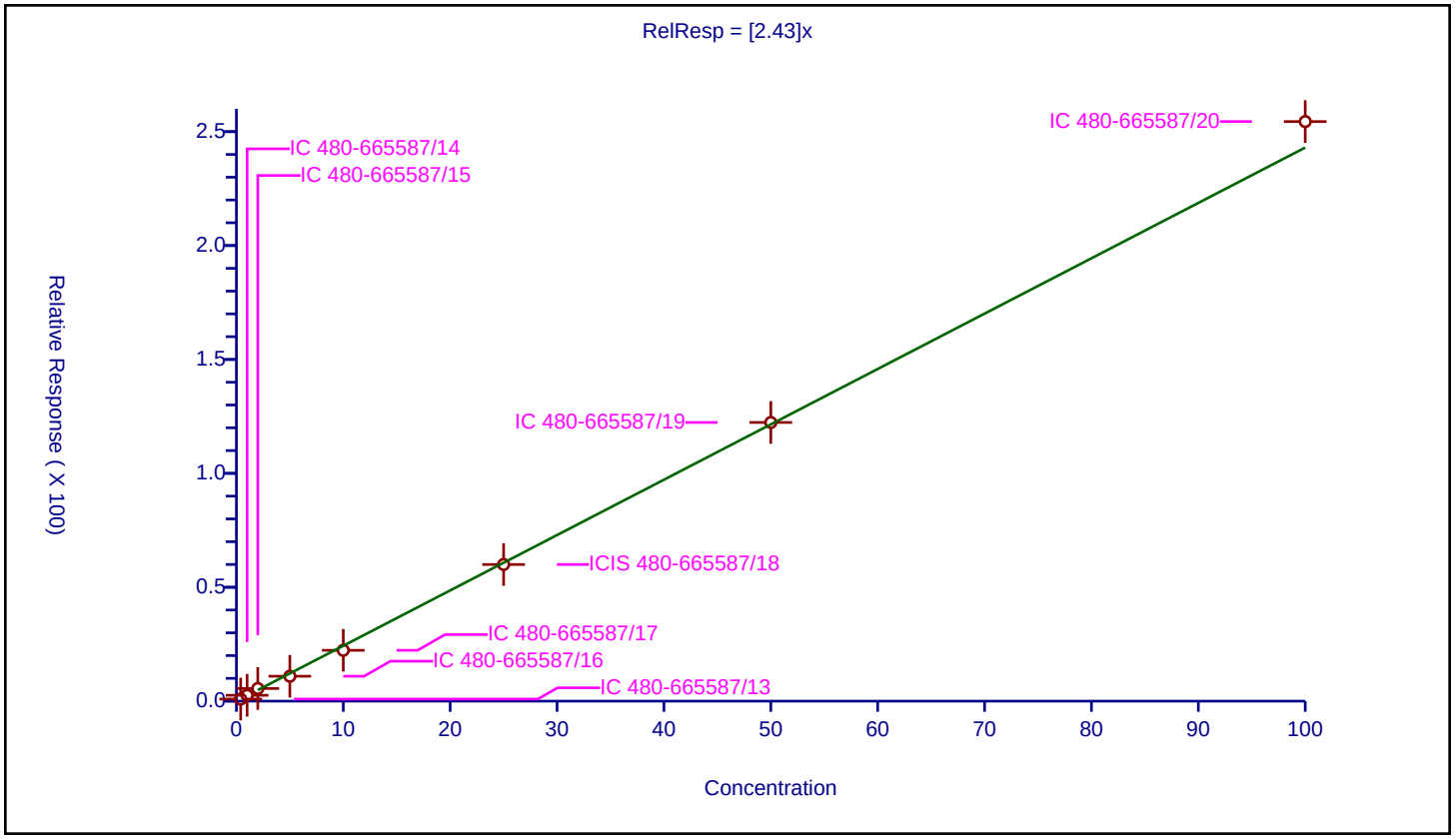
Curve Coefficients

Intercept:	0
Slope:	2.43

Error Coefficients

Standard Error:	546000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.915173	25.0	146038.0	2.287932	Y
2	IC 480-665587/14	1.0	2.566405	25.0	144492.0	2.566405	Y
3	IC 480-665587/15	2.0	5.553805	25.0	147597.0	2.776903	Y
4	IC 480-665587/16	5.0	10.938592	25.0	147391.0	2.187718	Y
5	IC 480-665587/17	10.0	22.31696	25.0	144258.0	2.231696	Y
6	ICIS 480-665587/18	25.0	59.98334	25.0	134151.0	2.399334	Y
7	IC 480-665587/19	50.0	122.349954	25.0	130743.0	2.446999	Y
8	IC 480-665587/20	100.0	254.432789	25.0	122406.0	2.544328	Y



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Calibration / Carbon disulfide

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

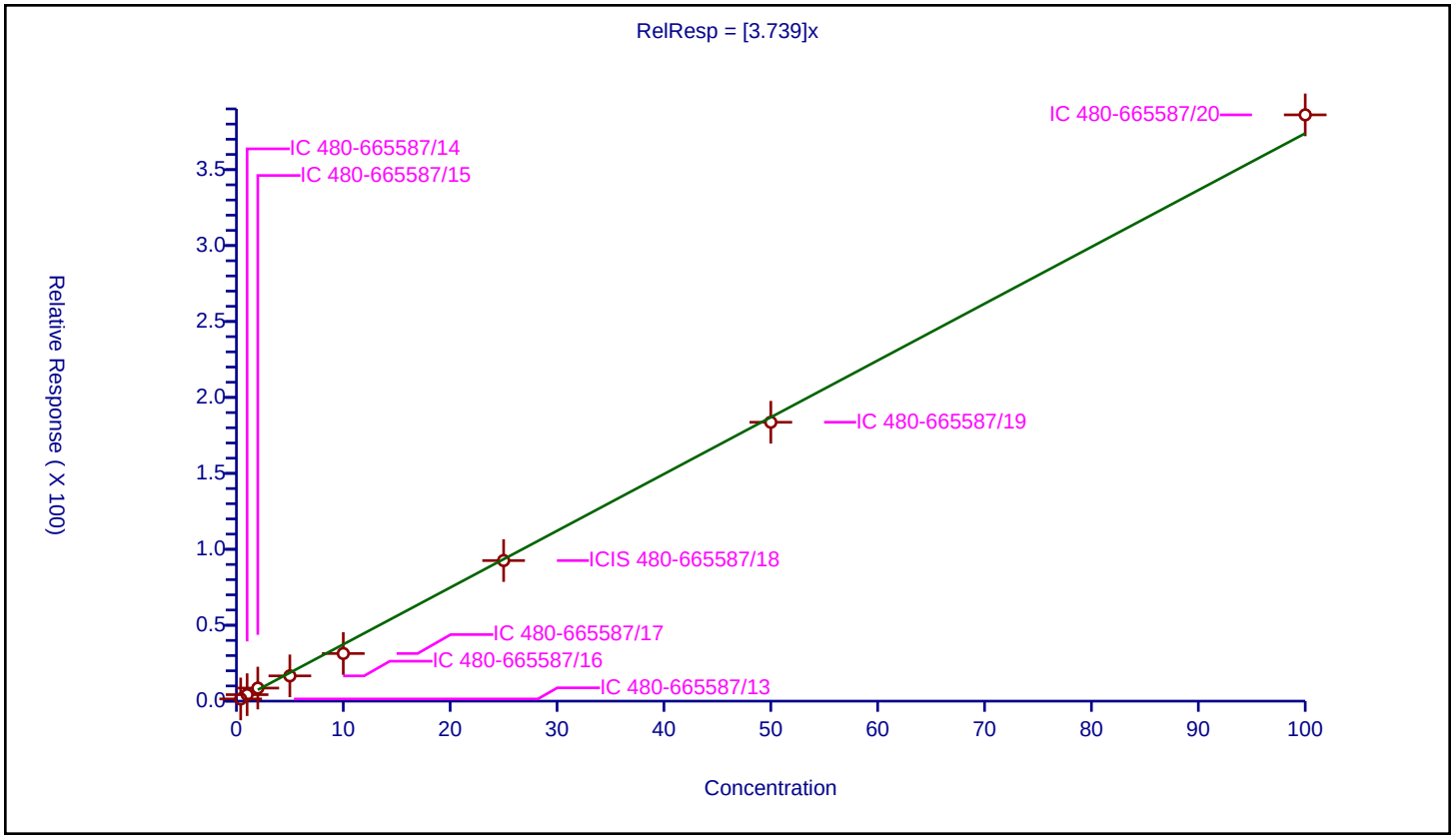
Curve Coefficients

Intercept:	0
Slope:	3.739

Error Coefficients

Standard Error:	827000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.453046	25.0	146038.0	3.632616	Y
2	IC 480-665587/14	1.0	4.275496	25.0	144492.0	4.275496	Y
3	IC 480-665587/15	2.0	8.601631	25.0	147597.0	4.300816	Y
4	IC 480-665587/16	5.0	16.632461	25.0	147391.0	3.326492	Y
5	IC 480-665587/17	10.0	31.37521	25.0	144258.0	3.137521	Y
6	ICIS 480-665587/18	25.0	92.58578	25.0	134151.0	3.703431	Y
7	IC 480-665587/19	50.0	183.652471	25.0	130743.0	3.673049	Y
8	IC 480-665587/20	100.0	386.066451	25.0	122406.0	3.860665	Y



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Calibration / 3-Chloro-1-propene

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

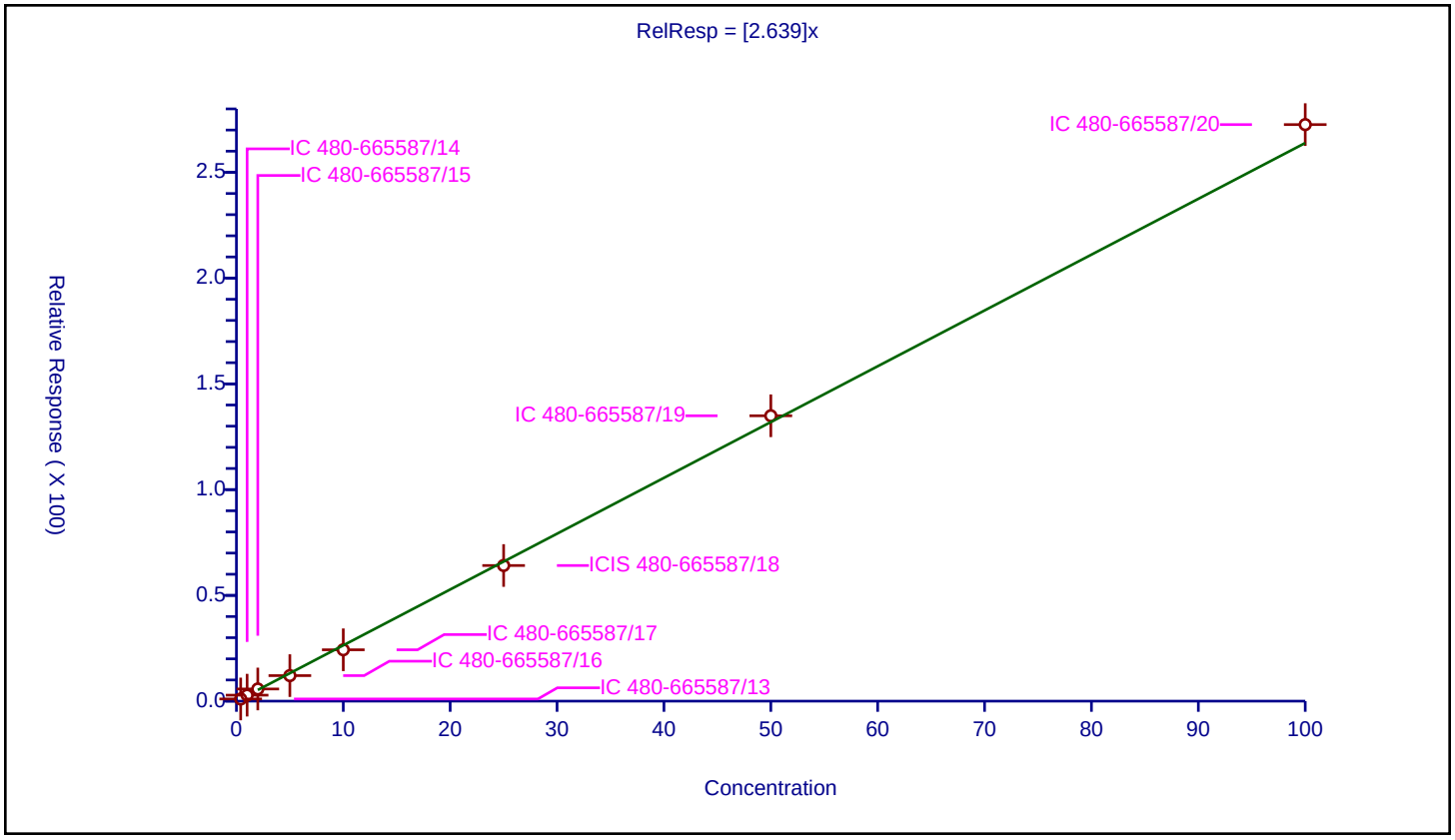
Curve Coefficients

Intercept:	0
Slope:	2.639

Error Coefficients

Standard Error:	588000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.03004	25.0	146038.0	2.5751	Y
2	IC 480-665587/14	1.0	2.825935	25.0	144492.0	2.825935	Y
3	IC 480-665587/15	2.0	5.752149	25.0	147597.0	2.876075	Y
4	IC 480-665587/16	5.0	12.073159	25.0	147391.0	2.414632	Y
5	IC 480-665587/17	10.0	24.286348	25.0	144258.0	2.428635	Y
6	ICIS 480-665587/18	25.0	64.126805	25.0	134151.0	2.565072	Y
7	IC 480-665587/19	50.0	134.91315	25.0	130743.0	2.698263	Y
8	IC 480-665587/20	100.0	272.564866	25.0	122406.0	2.725649	Y



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Calibration / Methyl acetate

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

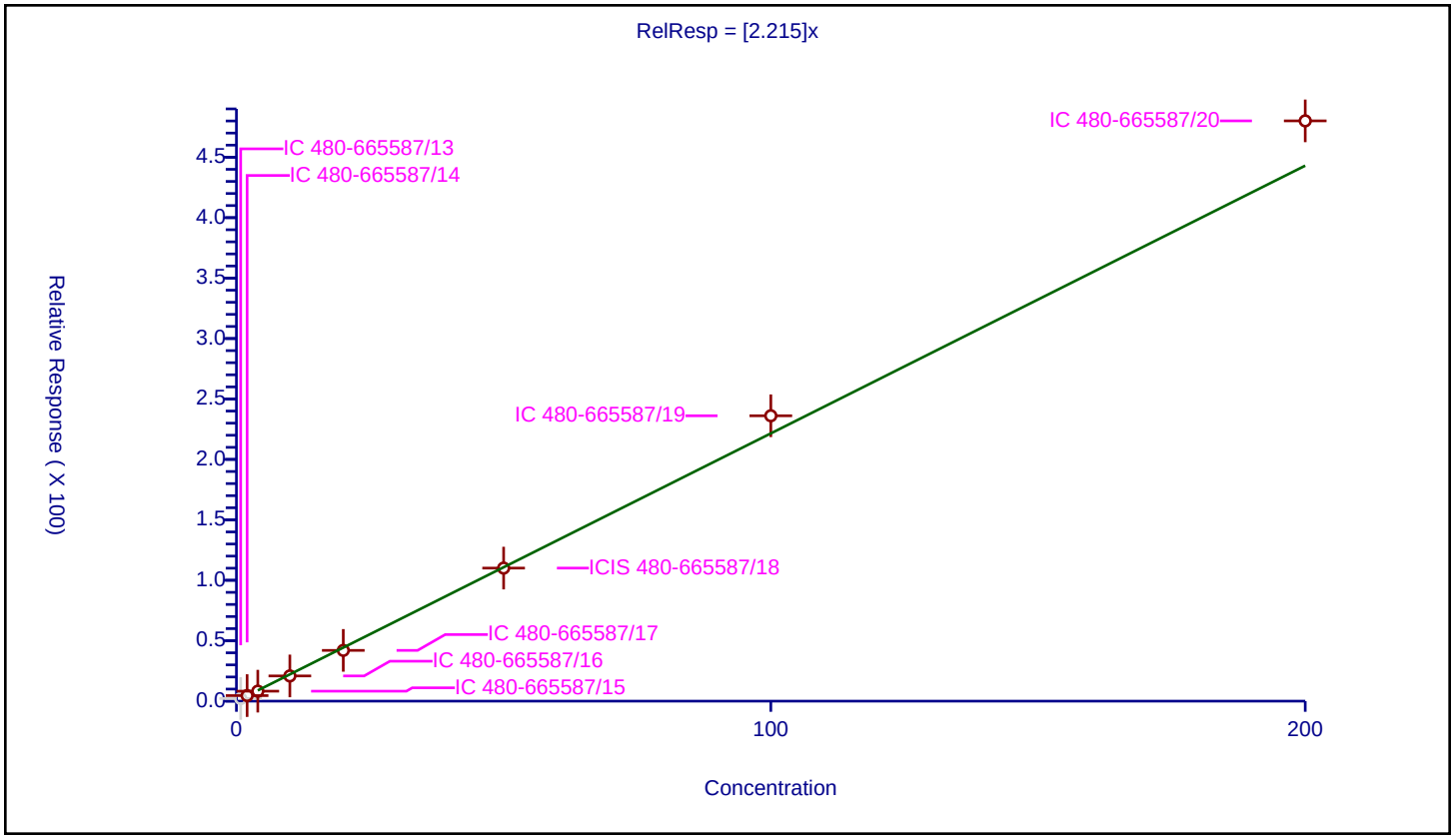
Curve Coefficients

Intercept:	0
Slope:	2.215

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.8	2.172722	25.0	146038.0	2.715903	N
2	IC 480-665587/14	2.0	4.58797	25.0	144492.0	2.293985	Y
3	IC 480-665587/15	4.0	8.252878	25.0	147597.0	2.063219	Y
4	IC 480-665587/16	10.0	20.861009	25.0	147391.0	2.086101	Y
5	IC 480-665587/17	20.0	41.995071	25.0	144258.0	2.099754	Y
6	ICIS 480-665587/18	50.0	110.080245	25.0	134151.0	2.201605	Y
7	IC 480-665587/19	100.0	236.094858	25.0	130743.0	2.360949	Y
8	IC 480-665587/20	200.0	480.08819	25.0	122406.0	2.400441	Y



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Calibration / Methylene Chloride

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

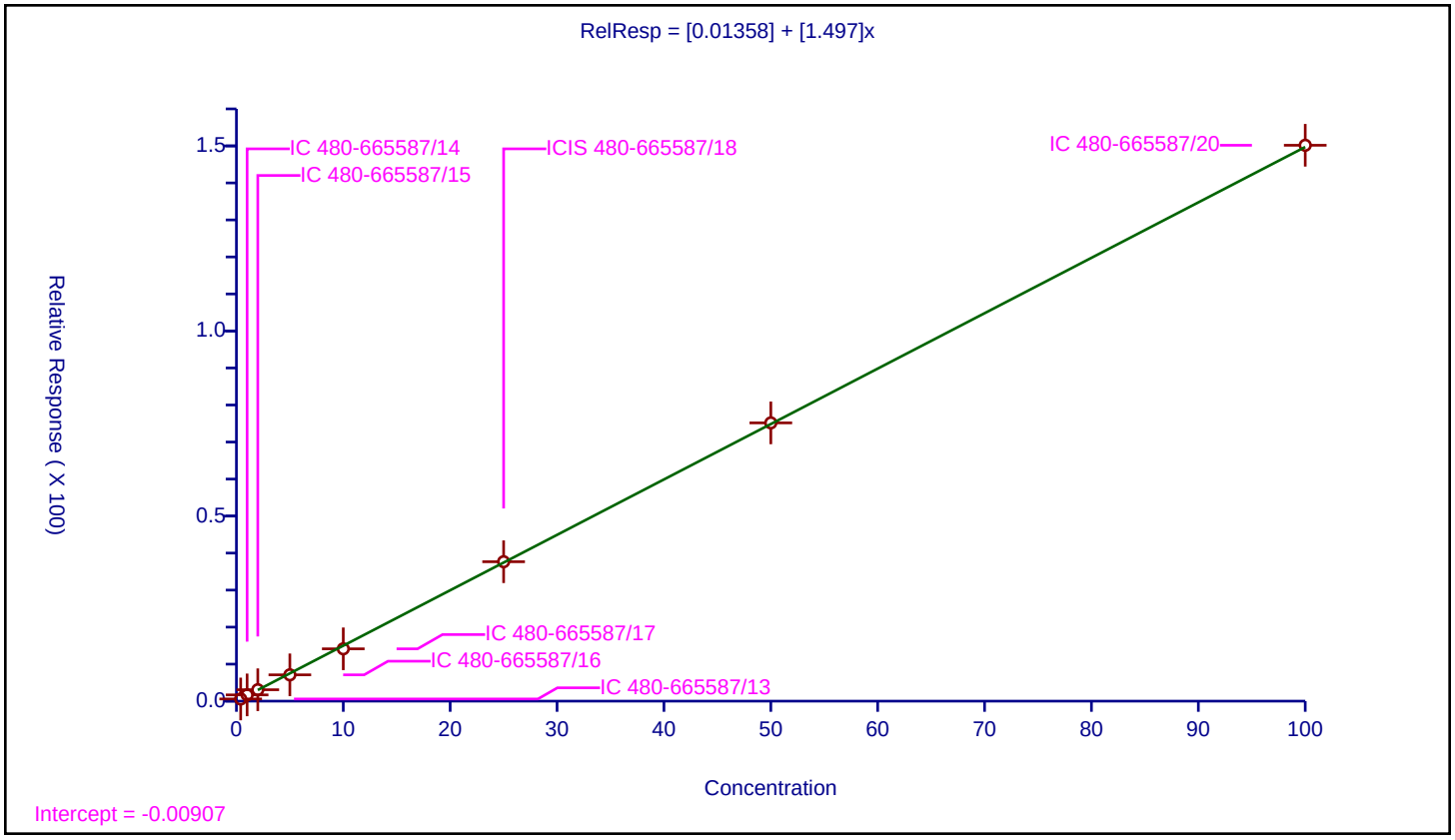
Curve Coefficients

Intercept:	0.01358
Slope:	1.497

Error Coefficients

Standard Error:	352000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.583923	25.0	146038.0	1.459808	Y
2	IC 480-665587/14	1.0	1.68781	25.0	144492.0	1.68781	Y
3	IC 480-665587/15	2.0	3.080517	25.0	147597.0	1.540258	Y
4	IC 480-665587/16	5.0	7.10559	25.0	147391.0	1.421118	Y
5	IC 480-665587/17	10.0	14.136478	25.0	144258.0	1.413648	Y
6	ICIS 480-665587/18	25.0	37.667442	25.0	134151.0	1.506698	Y
7	IC 480-665587/19	50.0	75.174005	25.0	130743.0	1.50348	Y
8	IC 480-665587/20	100.0	150.173398	25.0	122406.0	1.501734	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

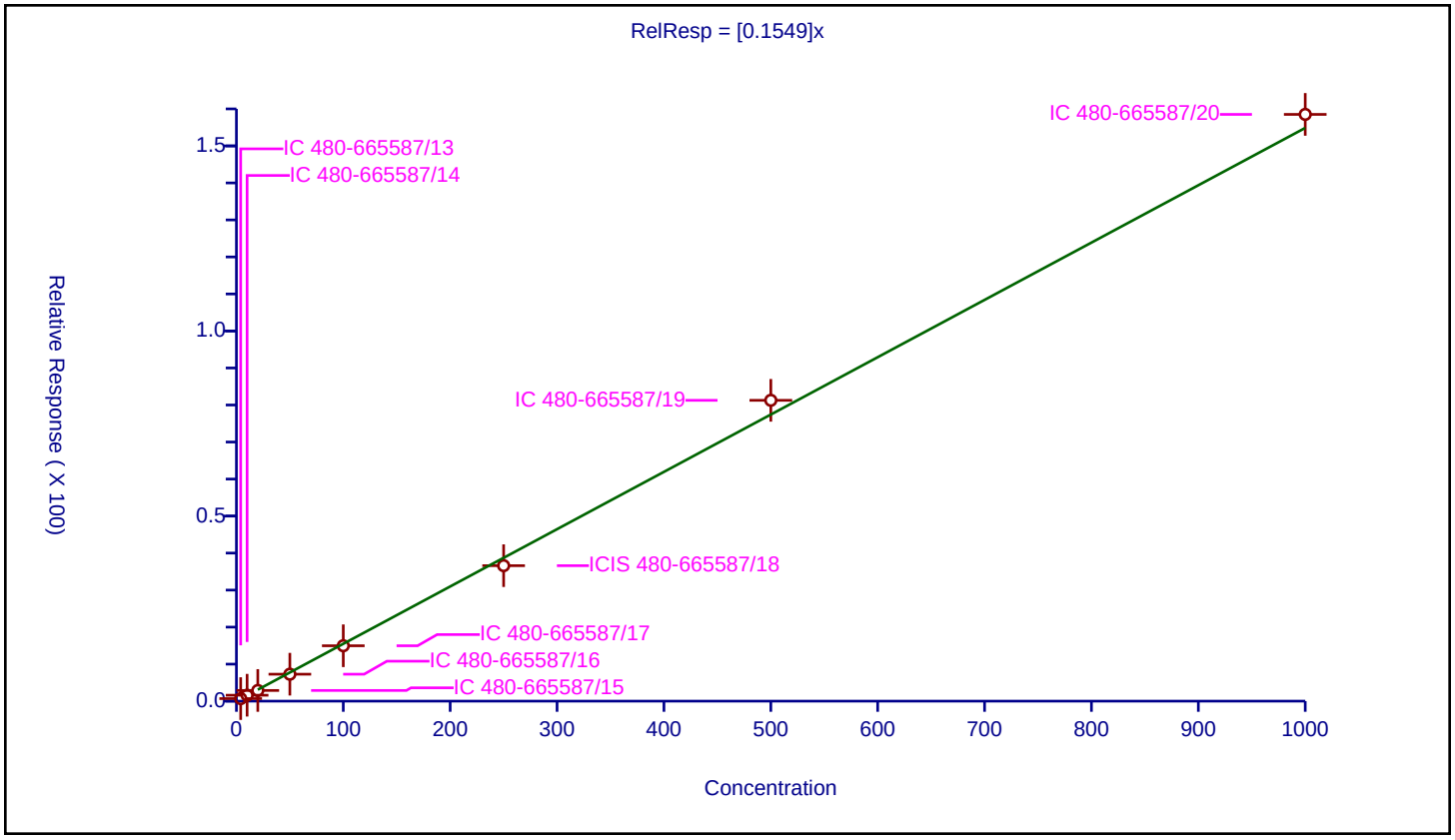
Curve Coefficients

Intercept:	0
Slope:	0.1549

Error Coefficients

Standard Error:	345000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	4.0	0.689033	25.0	146038.0	0.172258	Y
2	IC 480-665587/14	10.0	1.597666	25.0	144492.0	0.159767	Y
3	IC 480-665587/15	20.0	2.883697	25.0	147597.0	0.144185	Y
4	IC 480-665587/16	50.0	7.275207	25.0	147391.0	0.145504	Y
5	IC 480-665587/17	100.0	14.966068	25.0	144258.0	0.149661	Y
6	ICIS 480-665587/18	250.0	36.599429	25.0	134151.0	0.146398	Y
7	IC 480-665587/19	500.0	81.269934	25.0	130743.0	0.16254	Y
8	IC 480-665587/20	1000.0	158.507957	25.0	122406.0	0.158508	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

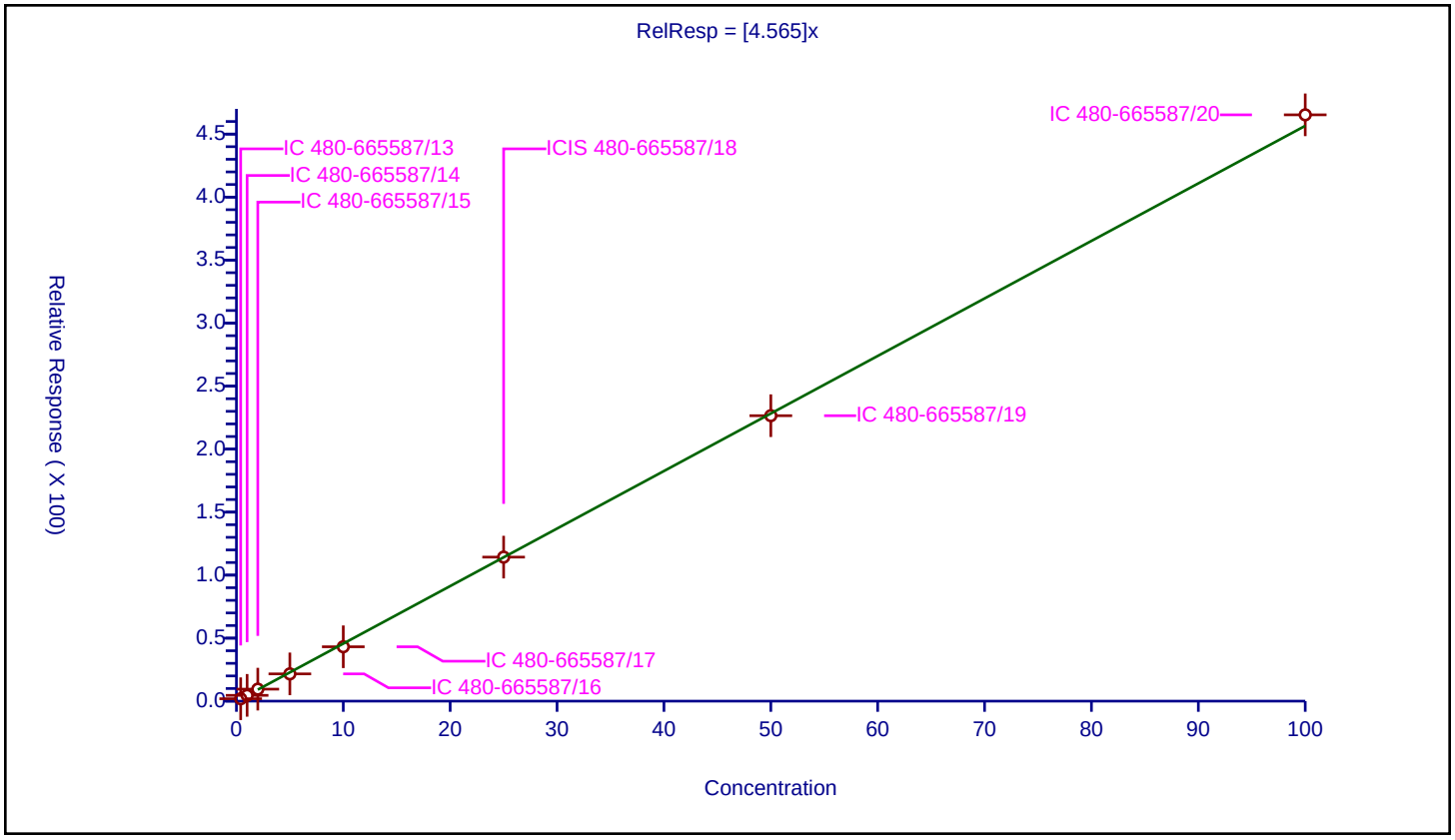
Curve Coefficients

Intercept:	0
Slope:	4.565

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.908579	25.0	146038.0	4.771446	Y
2	IC 480-665587/14	1.0	4.594718	25.0	144492.0	4.594718	Y
3	IC 480-665587/15	2.0	9.521027	25.0	147597.0	4.760513	Y
4	IC 480-665587/16	5.0	21.623946	25.0	147391.0	4.324789	Y
5	IC 480-665587/17	10.0	43.158785	25.0	144258.0	4.315878	Y
6	ICIS 480-665587/18	25.0	114.289122	25.0	134151.0	4.571565	Y
7	IC 480-665587/19	50.0	226.521496	25.0	130743.0	4.53043	Y
8	IC 480-665587/20	100.0	465.286424	25.0	122406.0	4.652864	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

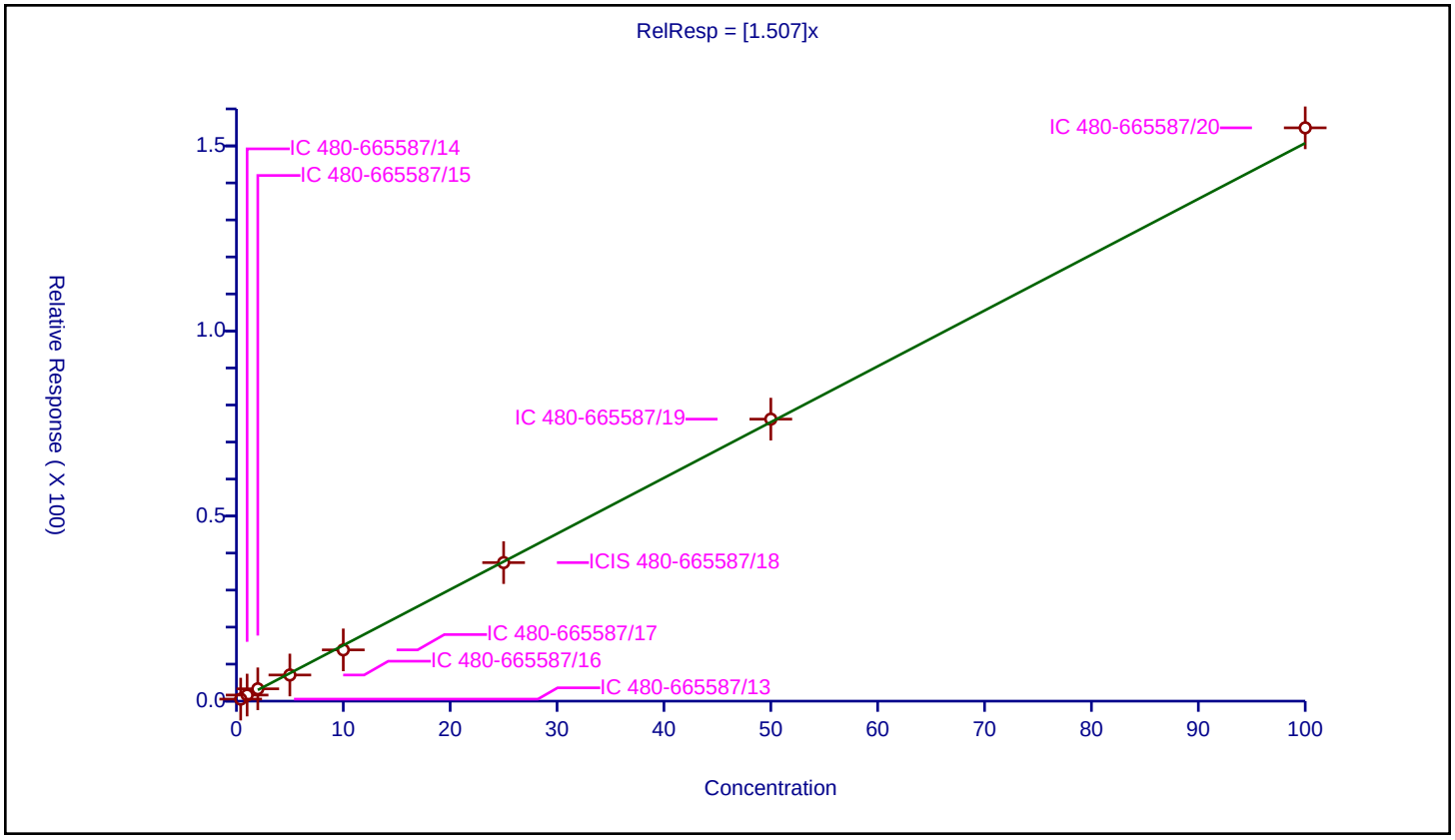
Curve Coefficients

Intercept:	0
Slope:	1.507

Error Coefficients

Standard Error:	334000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.552767	25.0	146038.0	1.381918	Y
2	IC 480-665587/14	1.0	1.644901	25.0	144492.0	1.644901	Y
3	IC 480-665587/15	2.0	3.33086	25.0	147597.0	1.66543	Y
4	IC 480-665587/16	5.0	7.065221	25.0	147391.0	1.413044	Y
5	IC 480-665587/17	10.0	13.846199	25.0	144258.0	1.38462	Y
6	ICIS 480-665587/18	25.0	37.429464	25.0	134151.0	1.497179	Y
7	IC 480-665587/19	50.0	76.189547	25.0	130743.0	1.523791	Y
8	IC 480-665587/20	100.0	154.882931	25.0	122406.0	1.548829	Y



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

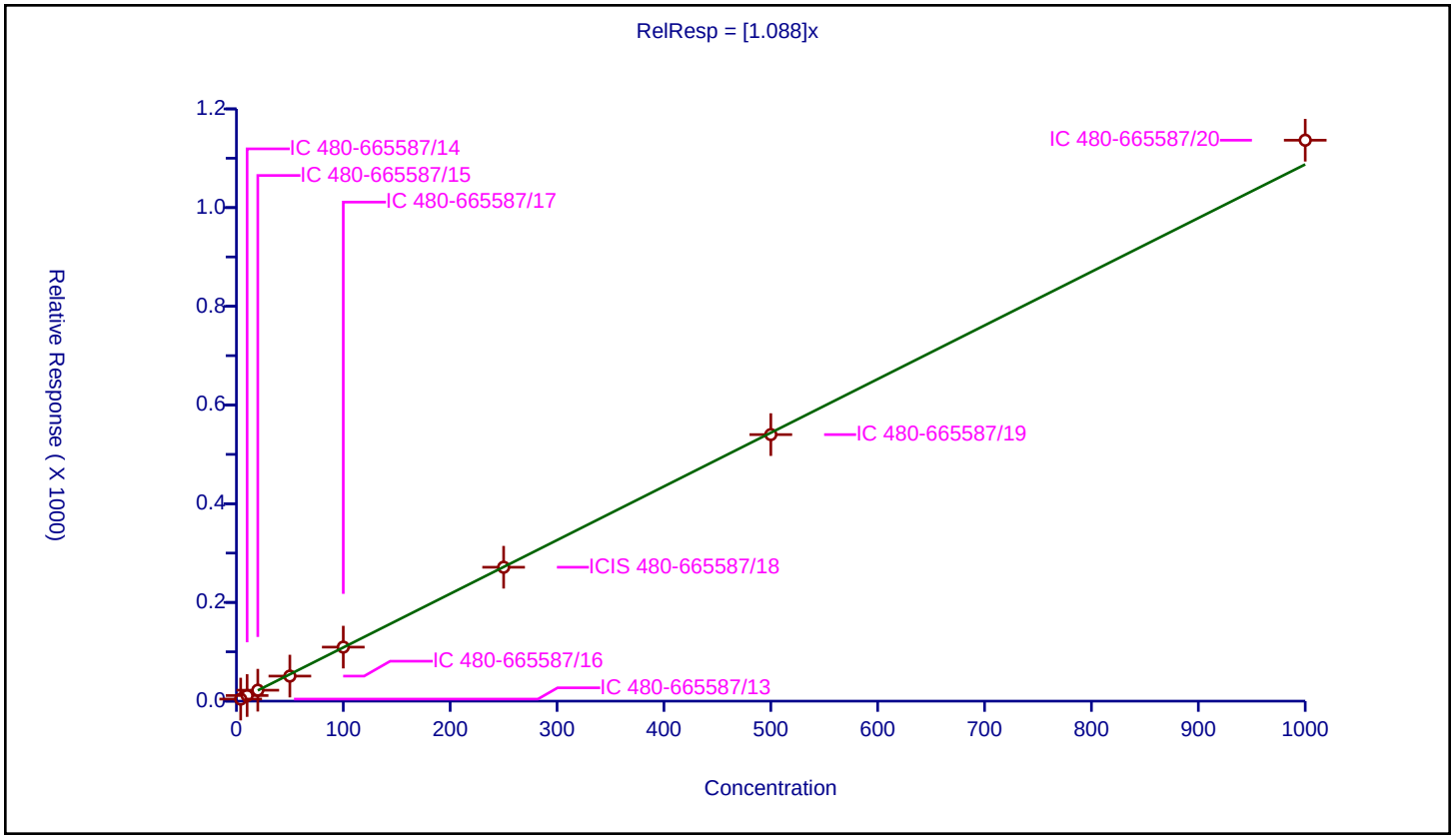
Curve Coefficients

Intercept:	0
Slope:	1.088

Error Coefficients

Standard Error:	2440000
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	IC 480-665587/13	4.0	4.174427	25.0	146038.0	1.043607	Y
2	IC 480-665587/14	10.0	11.371737	25.0	144492.0	1.137174	Y
3	IC 480-665587/15	20.0	22.150179	25.0	147597.0	1.107509	Y
4	IC 480-665587/16	50.0	50.758866	25.0	147391.0	1.015177	Y
5	IC 480-665587/17	100.0	109.48093	25.0	144258.0	1.094809	Y
6	ICIS 480-665587/18	250.0	271.330814	25.0	134151.0	1.085323	Y
7	IC 480-665587/19	500.0	540.079584	25.0	130743.0	1.080159	Y
8	IC 480-665587/20	1000.0	1136.546615	25.0	122406.0	1.136547	Y



Calibration / Hexane

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

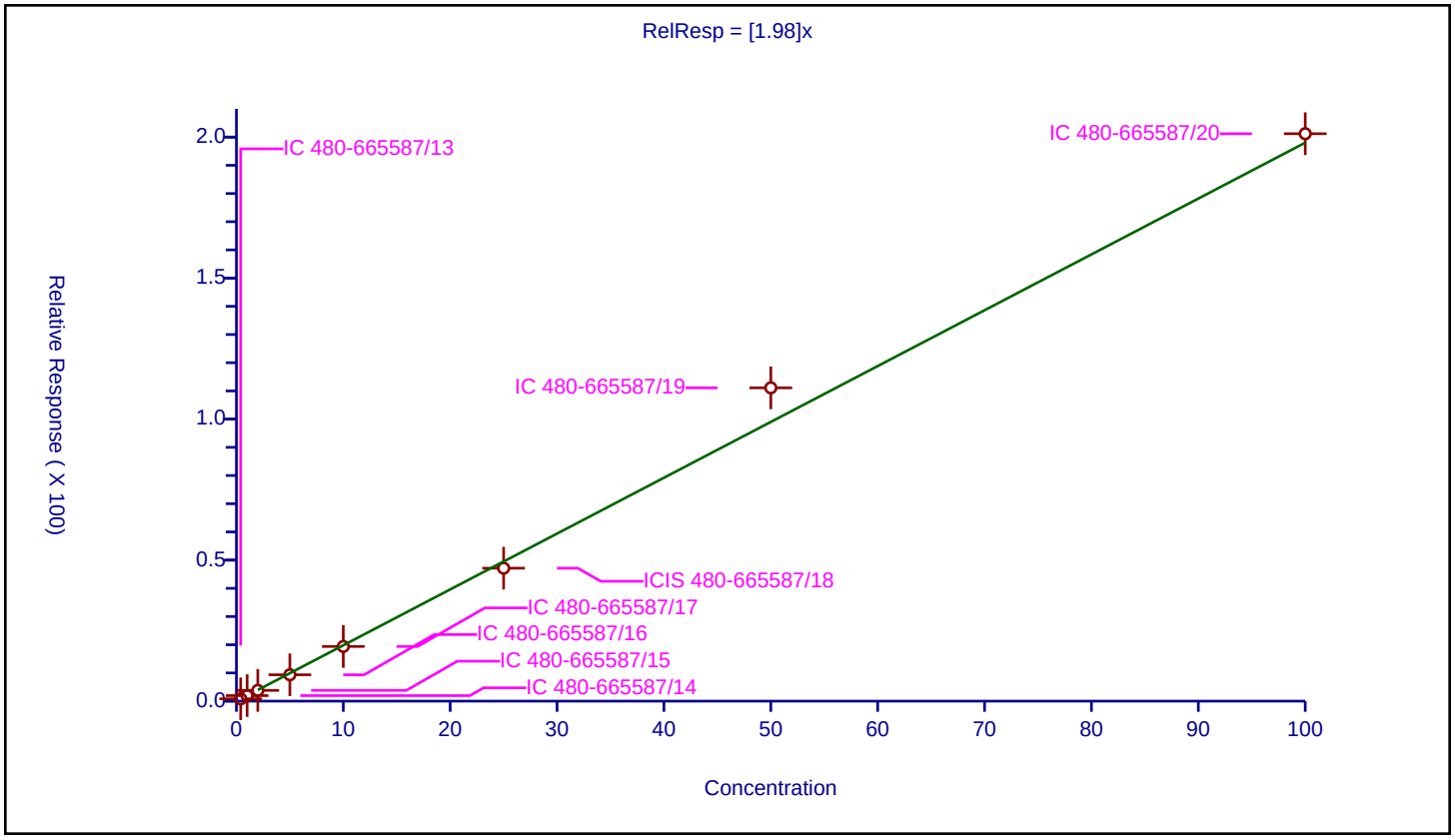
Curve Coefficients

Intercept:	0
Slope:	1.98

Error Coefficients

Standard Error:	445000
Relative Standard Error:	5.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.81828	25.0	146038.0	2.0457	Y
2	IC 480-665587/14	1.0	1.960662	25.0	144492.0	1.960662	Y
3	IC 480-665587/15	2.0	3.814271	25.0	147597.0	1.907136	Y
4	IC 480-665587/16	5.0	9.348434	25.0	147391.0	1.869687	Y
5	IC 480-665587/17	10.0	19.380381	25.0	144258.0	1.938038	Y
6	ICIS 480-665587/18	25.0	47.139418	25.0	134151.0	1.885577	Y
7	IC 480-665587/19	50.0	111.092946	25.0	130743.0	2.221859	Y
8	IC 480-665587/20	100.0	201.194999	25.0	122406.0	2.01195	Y



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Calibration / 1,1-Dichloroethane

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

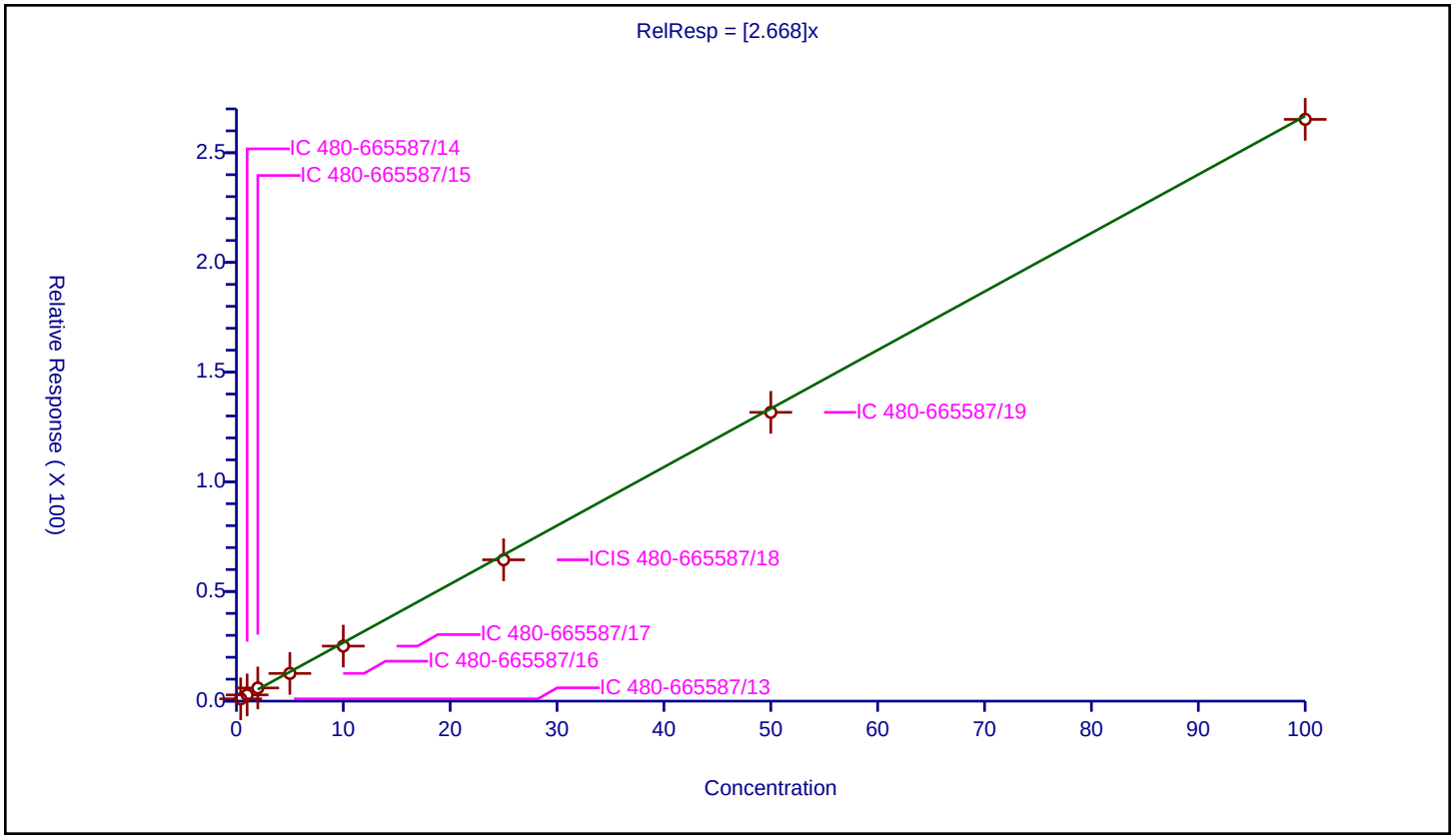
Curve Coefficients

Intercept:	0
Slope:	2.668

Error Coefficients

Standard Error:	574000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.040483	25.0	146038.0	2.601207	Y
2	IC 480-665587/14	1.0	2.838738	25.0	144492.0	2.838738	Y
3	IC 480-665587/15	2.0	6.002832	25.0	147597.0	3.001416	Y
4	IC 480-665587/16	5.0	12.635609	25.0	147391.0	2.527122	Y
5	IC 480-665587/17	10.0	25.088557	25.0	144258.0	2.508856	Y
6	ICIS 480-665587/18	25.0	64.433362	25.0	134151.0	2.577334	Y
7	IC 480-665587/19	50.0	131.661542	25.0	130743.0	2.633231	Y
8	IC 480-665587/20	100.0	265.230054	25.0	122406.0	2.652301	Y



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Calibration / Vinyl acetate

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

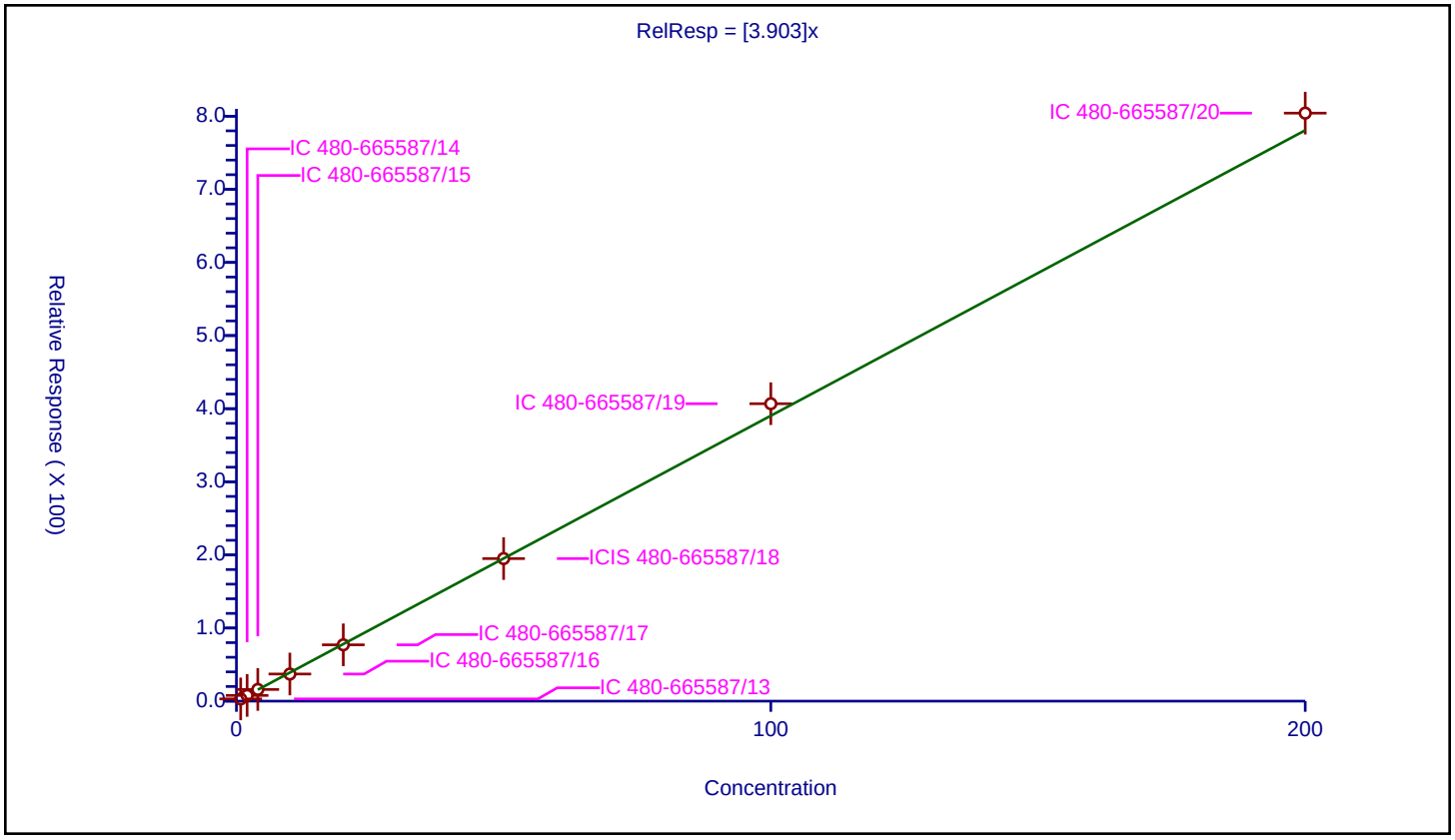
Curve Coefficients

Intercept:	0
Slope:	3.903

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.8	3.028493	25.0	146038.0	3.785616	Y
2	IC 480-665587/14	2.0	7.807699	25.0	144492.0	3.903849	Y
3	IC 480-665587/15	4.0	15.963062	25.0	147597.0	3.990765	Y
4	IC 480-665587/16	10.0	37.088425	25.0	147391.0	3.708842	Y
5	IC 480-665587/17	20.0	77.008381	25.0	144258.0	3.850419	Y
6	ICIS 480-665587/18	50.0	194.971897	25.0	134151.0	3.899438	Y
7	IC 480-665587/19	100.0	406.787361	25.0	130743.0	4.067874	Y
8	IC 480-665587/20	200.0	804.216501	25.0	122406.0	4.021083	Y



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Calibration / 2,2-Dichloropropane

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

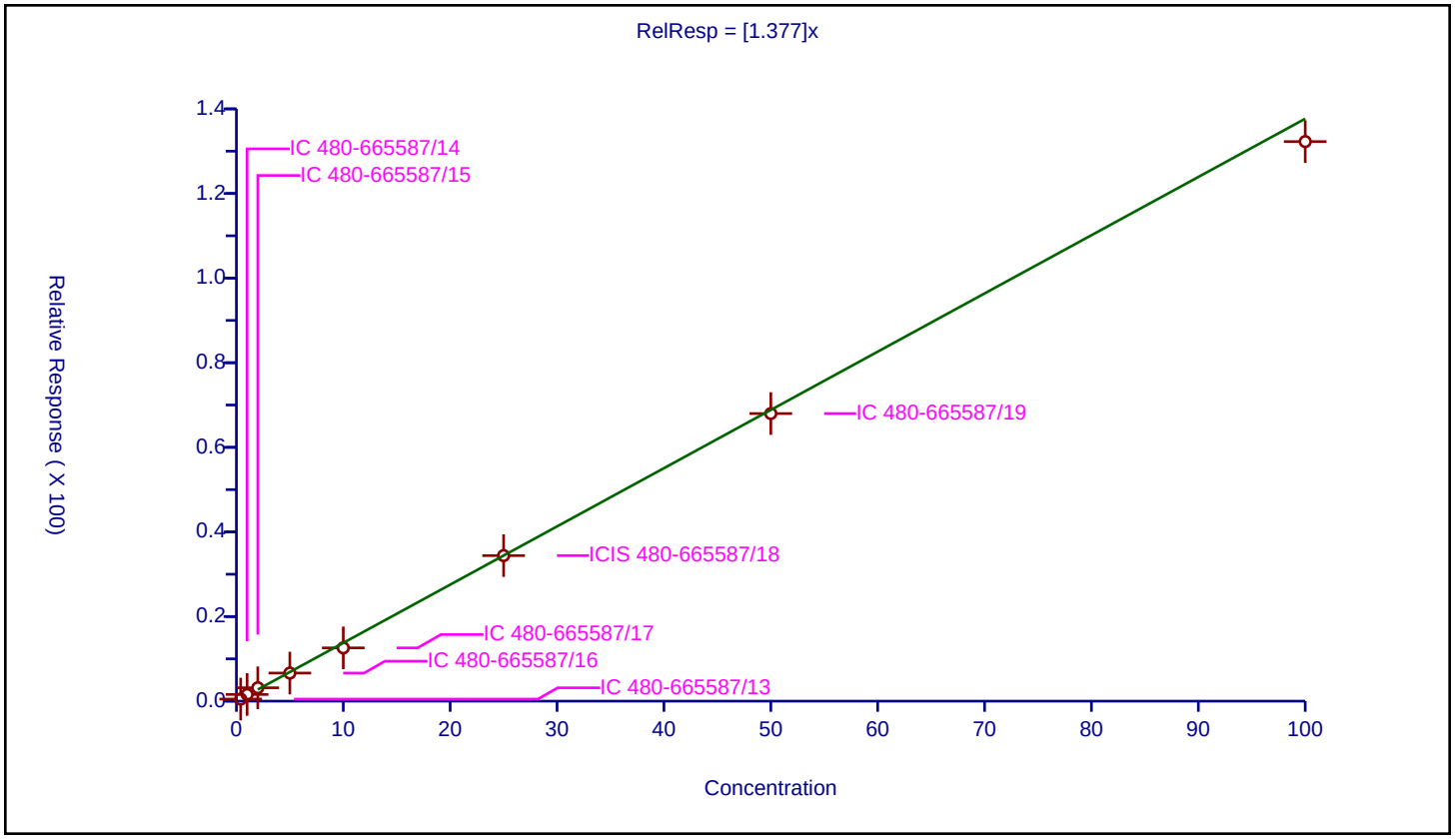
Curve Coefficients

Intercept:	0
Slope:	1.377

Error Coefficients

Standard Error:	290000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.48549	25.0	146038.0	1.213725	Y
2	IC 480-665587/14	1.0	1.575347	25.0	144492.0	1.575347	Y
3	IC 480-665587/15	2.0	3.160125	25.0	147597.0	1.580063	Y
4	IC 480-665587/16	5.0	6.637617	25.0	147391.0	1.327523	Y
5	IC 480-665587/17	10.0	12.58873	25.0	144258.0	1.258873	Y
6	ICIS 480-665587/18	25.0	34.401719	25.0	134151.0	1.376069	Y
7	IC 480-665587/19	50.0	67.978018	25.0	130743.0	1.35956	Y
8	IC 480-665587/20	100.0	132.266801	25.0	122406.0	1.322668	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

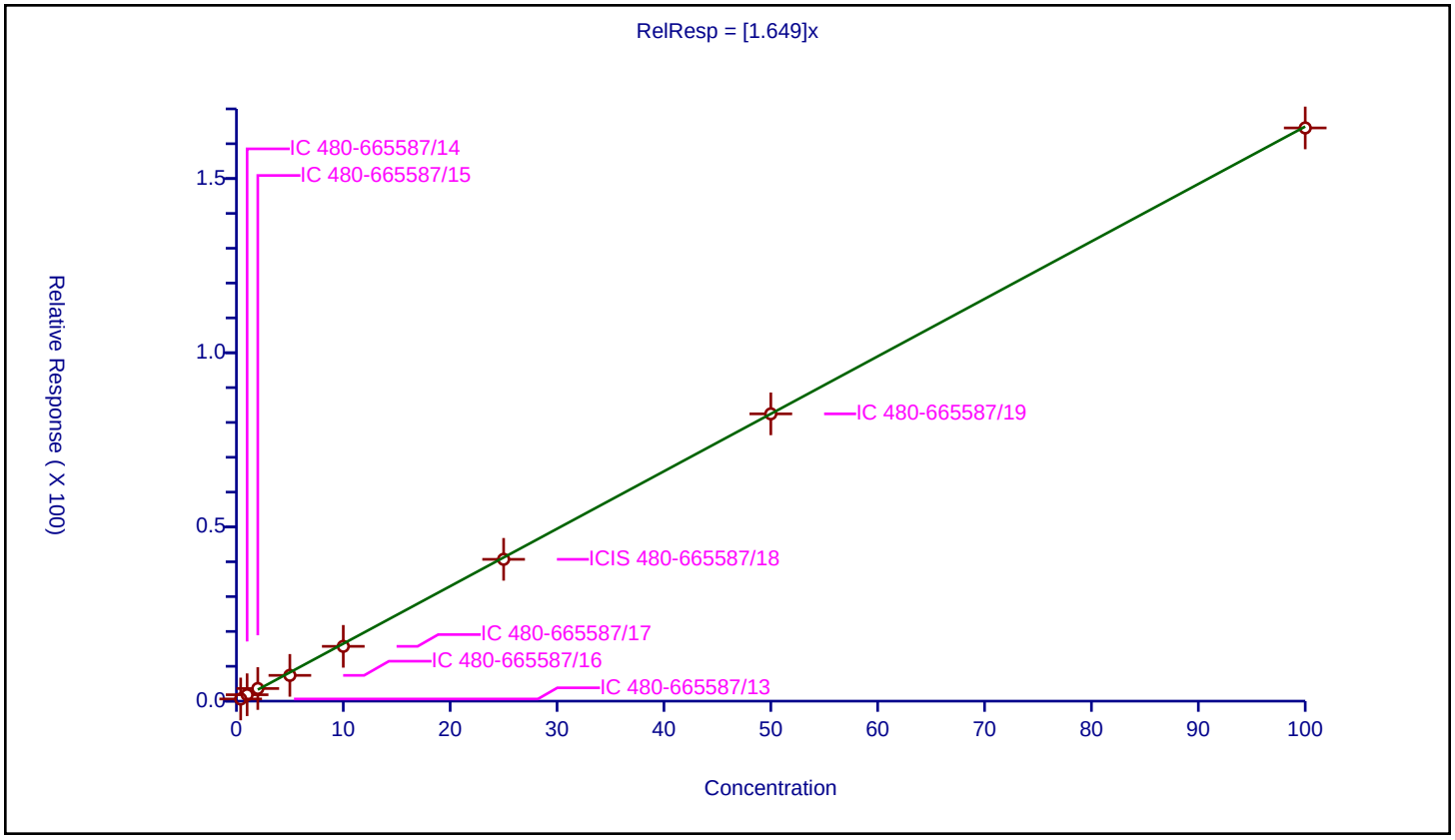
Curve Coefficients

Intercept:	0
Slope:	1.649

Error Coefficients

Standard Error:	357000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.626378	25.0	146038.0	1.565945	Y
2	IC 480-665587/14	1.0	1.841451	25.0	144492.0	1.841451	Y
3	IC 480-665587/15	2.0	3.62338	25.0	147597.0	1.81169	Y
4	IC 480-665587/16	5.0	7.398688	25.0	147391.0	1.479738	Y
5	IC 480-665587/17	10.0	15.72911	25.0	144258.0	1.572911	Y
6	ICIS 480-665587/18	25.0	40.709909	25.0	134151.0	1.628396	Y
7	IC 480-665587/19	50.0	82.465792	25.0	130743.0	1.649316	Y
8	IC 480-665587/20	100.0	164.531355	25.0	122406.0	1.645314	Y



Calibration / 2-Butanone (MEK)

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

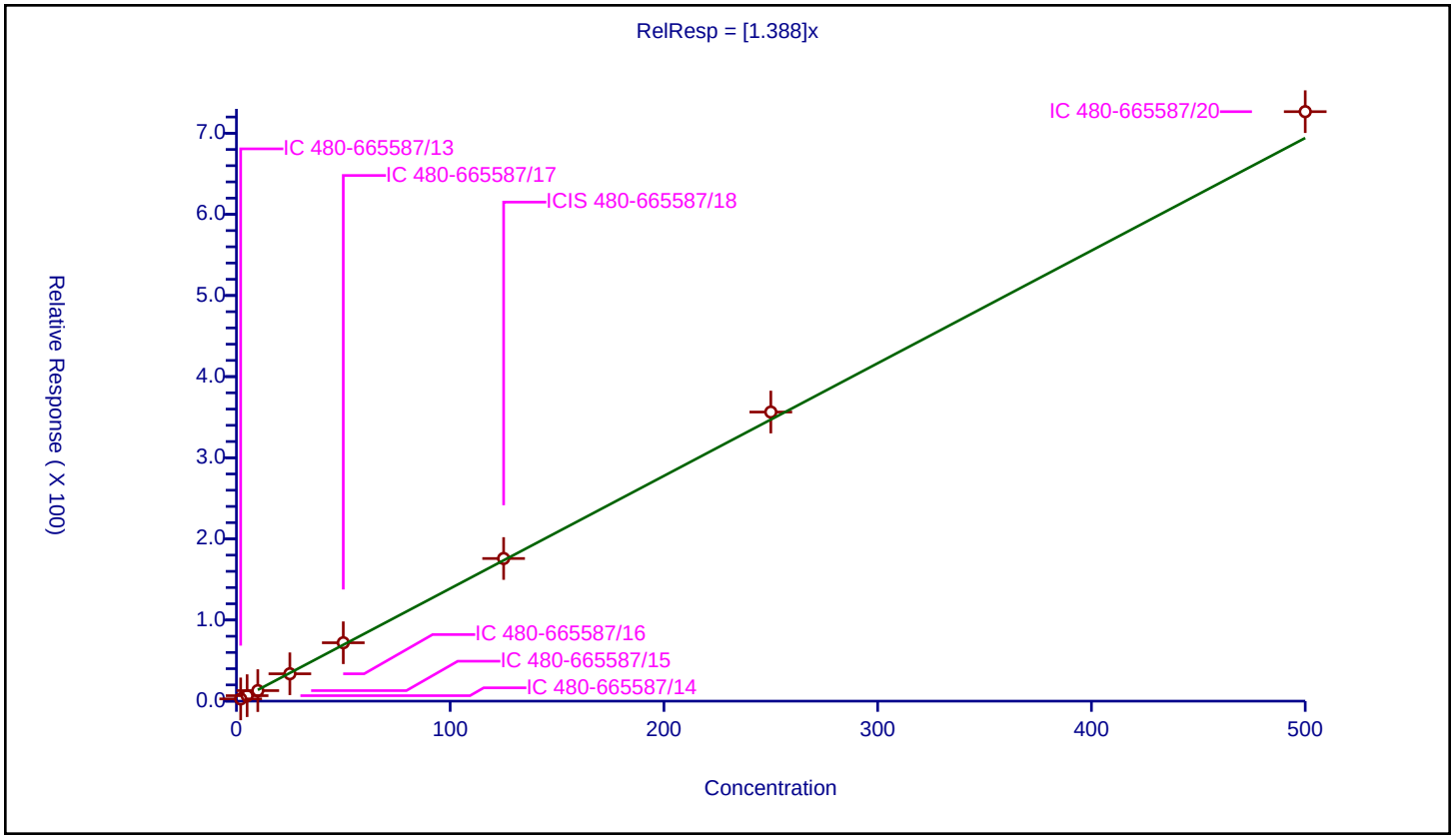
Curve Coefficients

Intercept:	0
Slope:	1.388

Error Coefficients

Standard Error:	1570000
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	IC 480-665587/13	2.0	2.777702	25.0	146038.0	1.388851	Y
2	IC 480-665587/14	5.0	6.730995	25.0	144492.0	1.346199	Y
3	IC 480-665587/15	10.0	12.974688	25.0	147597.0	1.297469	Y
4	IC 480-665587/16	25.0	33.727806	25.0	147391.0	1.349112	Y
5	IC 480-665587/17	50.0	71.968799	25.0	144258.0	1.439376	Y
6	ICIS 480-665587/18	125.0	175.805995	25.0	134151.0	1.406448	Y
7	IC 480-665587/19	250.0	356.335712	25.0	130743.0	1.425343	Y
8	IC 480-665587/20	500.0	726.601637	25.0	122406.0	1.453203	Y



Calibration / Chlorobromomethane

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

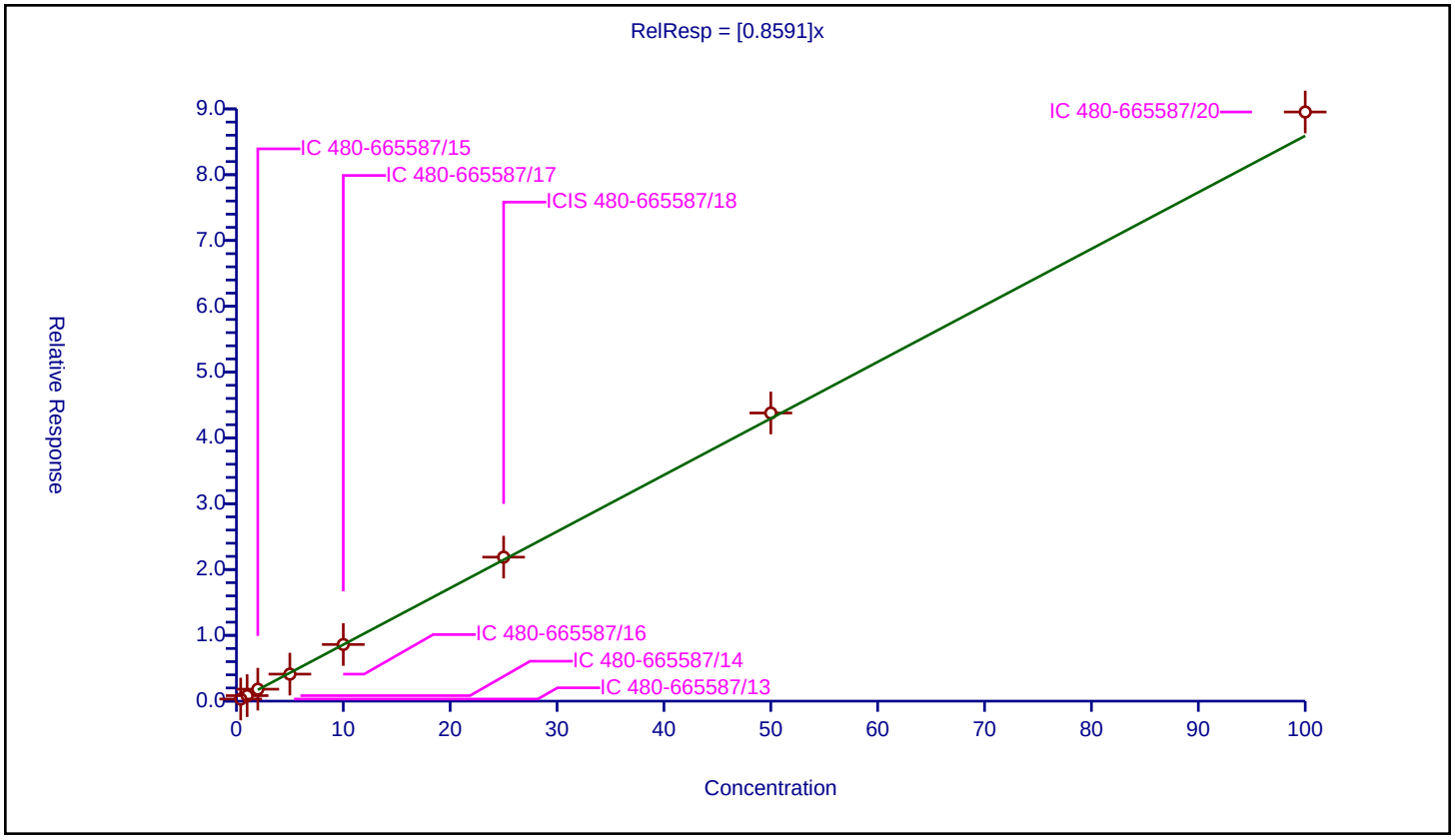
Curve Coefficients

Intercept:	0
Slope:	0.8591

Error Coefficients

Standard Error:	193000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.320636	25.0	146038.0	0.801589	Y
2	IC 480-665587/14	1.0	0.834129	25.0	144492.0	0.834129	Y
3	IC 480-665587/15	2.0	1.817449	25.0	147597.0	0.908724	Y
4	IC 480-665587/16	5.0	4.104389	25.0	147391.0	0.820878	Y
5	IC 480-665587/17	10.0	8.611654	25.0	144258.0	0.861165	Y
6	ICIS 480-665587/18	25.0	21.881872	25.0	134151.0	0.875275	Y
7	IC 480-665587/19	50.0	43.784753	25.0	130743.0	0.875695	Y
8	IC 480-665587/20	100.0	89.529108	25.0	122406.0	0.895291	Y



Calibration / Tetrahydrofuran

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

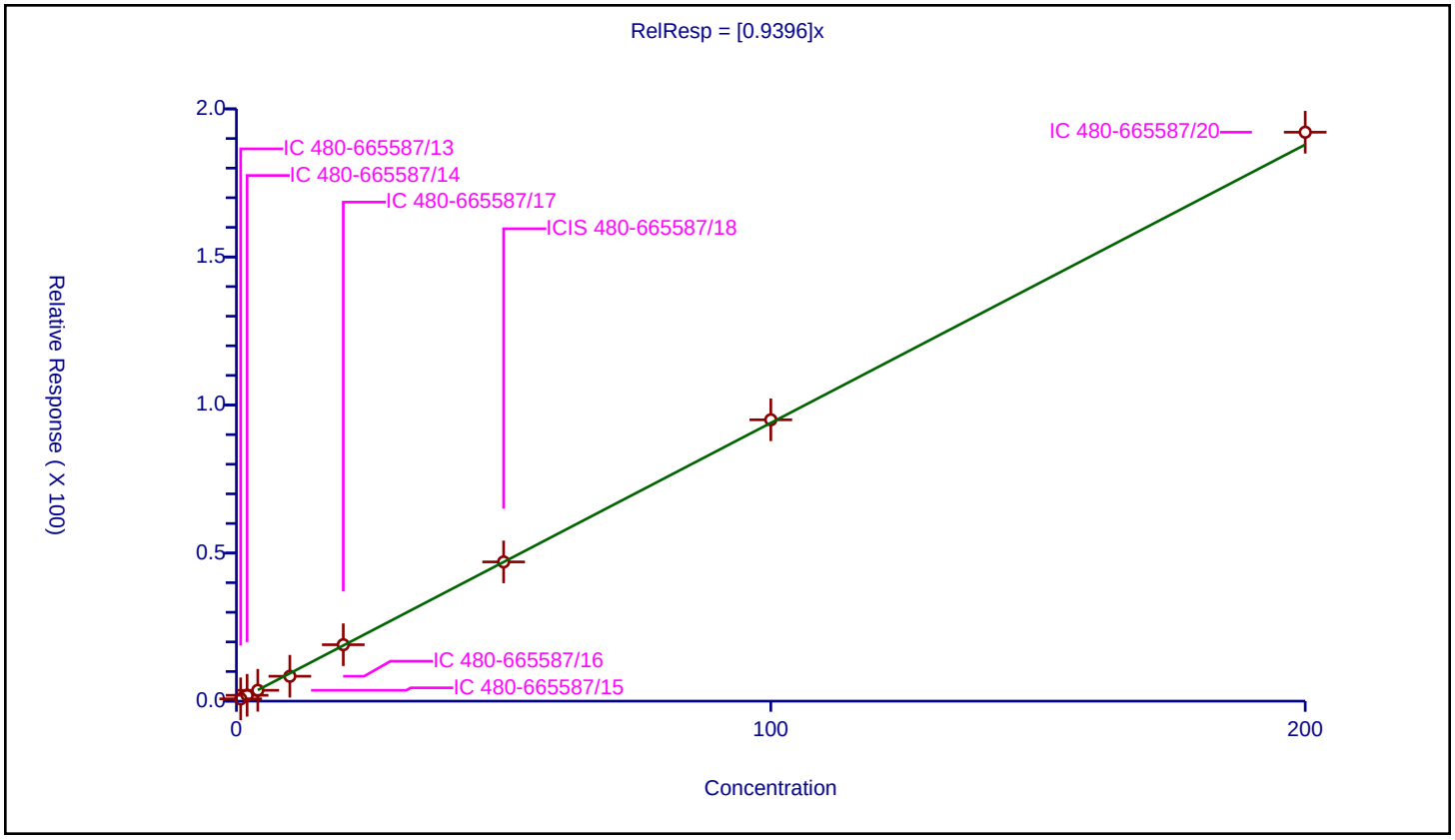
Curve Coefficients

Intercept:	0
Slope:	0.9396

Error Coefficients

Standard Error:	416000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.8	0.777537	25.0	146038.0	0.971922	Y
2	IC 480-665587/14	2.0	1.972947	25.0	144492.0	0.986473	Y
3	IC 480-665587/15	4.0	3.657425	25.0	147597.0	0.914356	Y
4	IC 480-665587/16	10.0	8.407908	25.0	147391.0	0.840791	Y
5	IC 480-665587/17	20.0	19.050243	25.0	144258.0	0.952512	Y
6	ICIS 480-665587/18	50.0	47.020708	25.0	134151.0	0.940414	Y
7	IC 480-665587/19	100.0	95.010823	25.0	130743.0	0.950108	Y
8	IC 480-665587/20	200.0	192.123139	25.0	122406.0	0.960616	Y



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Calibration / Chloroform

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

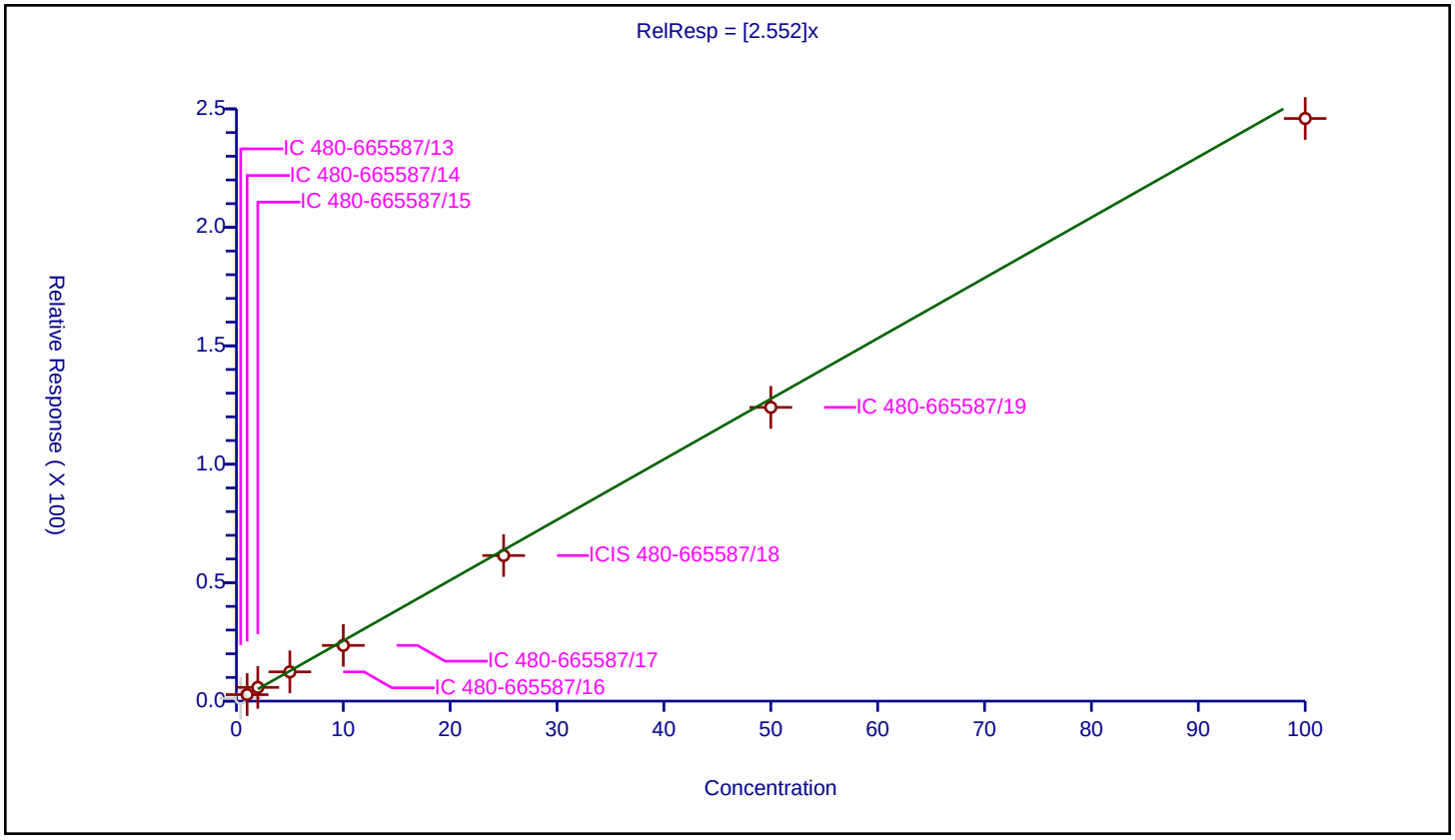
Curve Coefficients

Intercept:	0
Slope:	2.552

Error Coefficients

Standard Error:	578000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.199859	25.0	146038.0	2.999647	N
2	IC 480-665587/14	1.0	2.743058	25.0	144492.0	2.743058	Y
3	IC 480-665587/15	2.0	5.800423	25.0	147597.0	2.900211	Y
4	IC 480-665587/16	5.0	12.35167	25.0	147391.0	2.470334	Y
5	IC 480-665587/17	10.0	23.526598	25.0	144258.0	2.35266	Y
6	ICIS 480-665587/18	25.0	61.467115	25.0	134151.0	2.458685	Y
7	IC 480-665587/19	50.0	124.005874	25.0	130743.0	2.480117	Y
8	IC 480-665587/20	100.0	245.949749	25.0	122406.0	2.459497	Y



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Calibration / 1,1,1-Trichloroethane

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

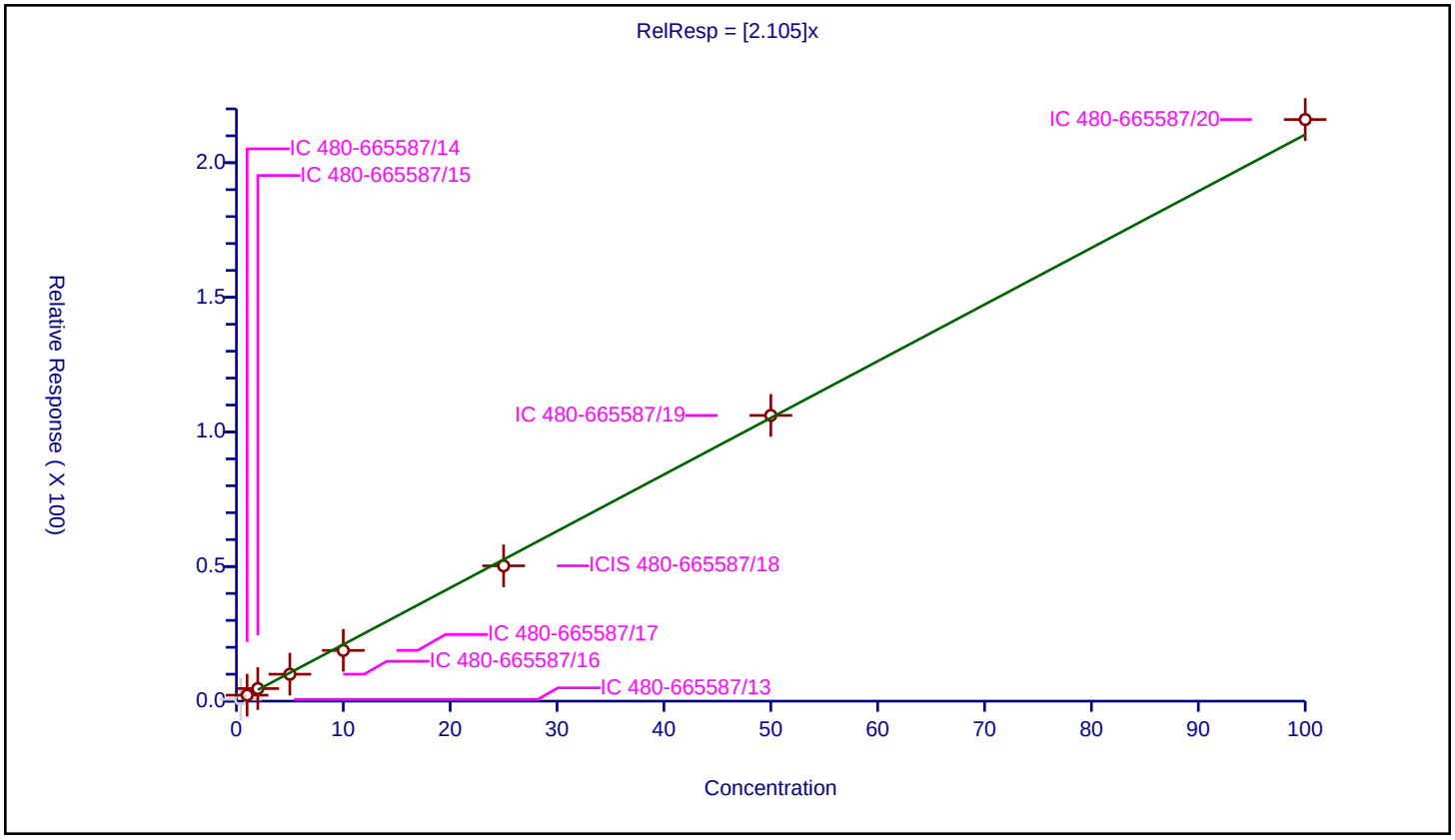
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Standard Error:	503000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.690745	25.0	146038.0	1.726862	N
2	IC 480-665587/14	1.0	2.215694	25.0	144492.0	2.215694	Y
3	IC 480-665587/15	2.0	4.674045	25.0	147597.0	2.337022	Y
4	IC 480-665587/16	5.0	10.004342	25.0	147391.0	2.000868	Y
5	IC 480-665587/17	10.0	18.838297	25.0	144258.0	1.88383	Y
6	ICIS 480-665587/18	25.0	50.269286	25.0	134151.0	2.010771	Y
7	IC 480-665587/19	50.0	106.148704	25.0	130743.0	2.122974	Y
8	IC 480-665587/20	100.0	216.051705	25.0	122406.0	2.160517	Y



Calibration / Cyclohexane

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

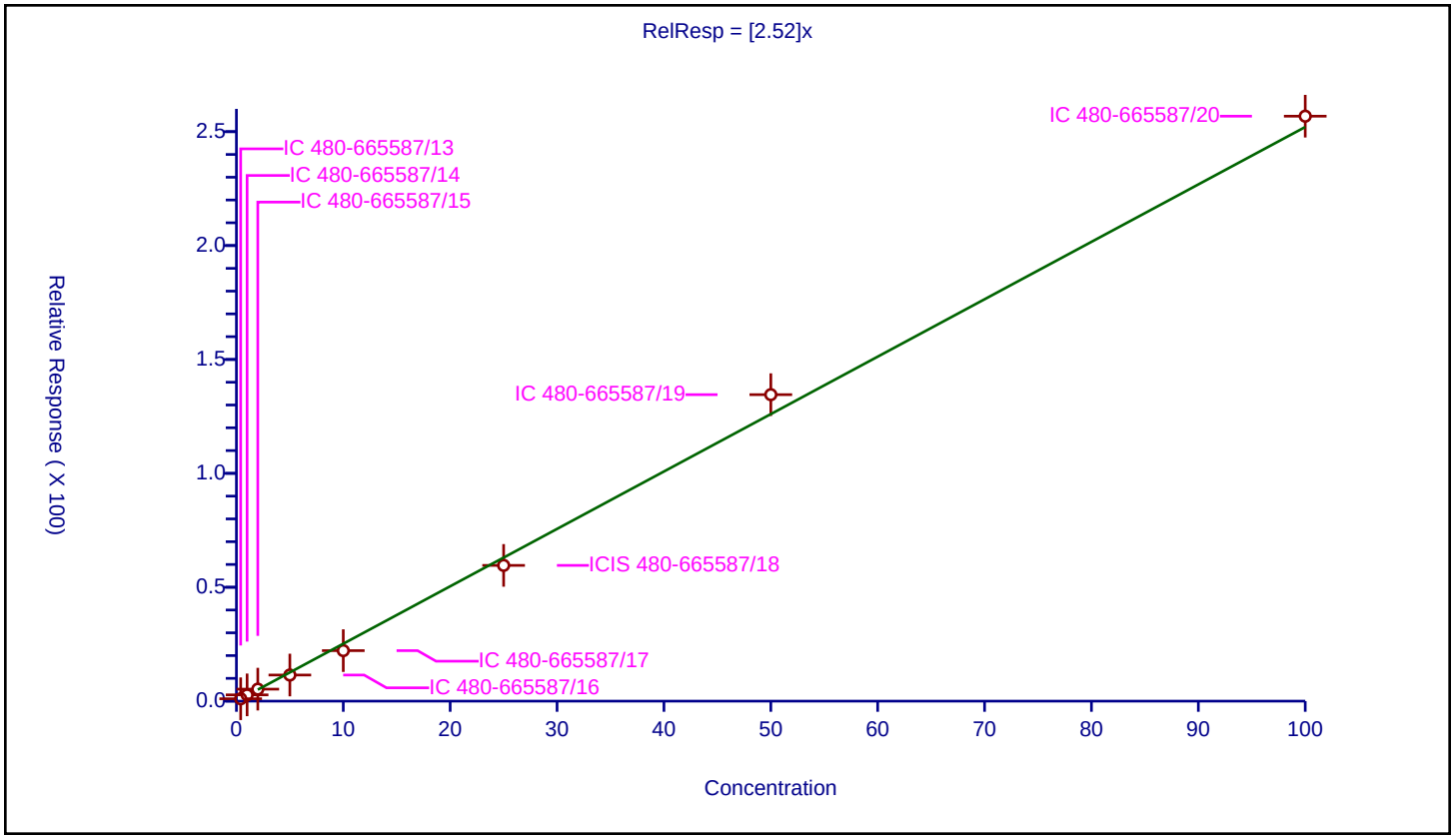
Curve Coefficients

Intercept:	0
Slope:	2.52

Error Coefficients

Standard Error:	561000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.048528	25.0	146038.0	2.621321	Y
2	IC 480-665587/14	1.0	2.75344	25.0	144492.0	2.75344	Y
3	IC 480-665587/15	2.0	5.269924	25.0	147597.0	2.634962	Y
4	IC 480-665587/16	5.0	11.466779	25.0	147391.0	2.293356	Y
5	IC 480-665587/17	10.0	22.17416	25.0	144258.0	2.217416	Y
6	ICIS 480-665587/18	25.0	59.591431	25.0	134151.0	2.383657	Y
7	IC 480-665587/19	50.0	134.549651	25.0	130743.0	2.690993	Y
8	IC 480-665587/20	100.0	256.791946	25.0	122406.0	2.567919	Y



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Calibration / Dibromofluoromethane (Surr)

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

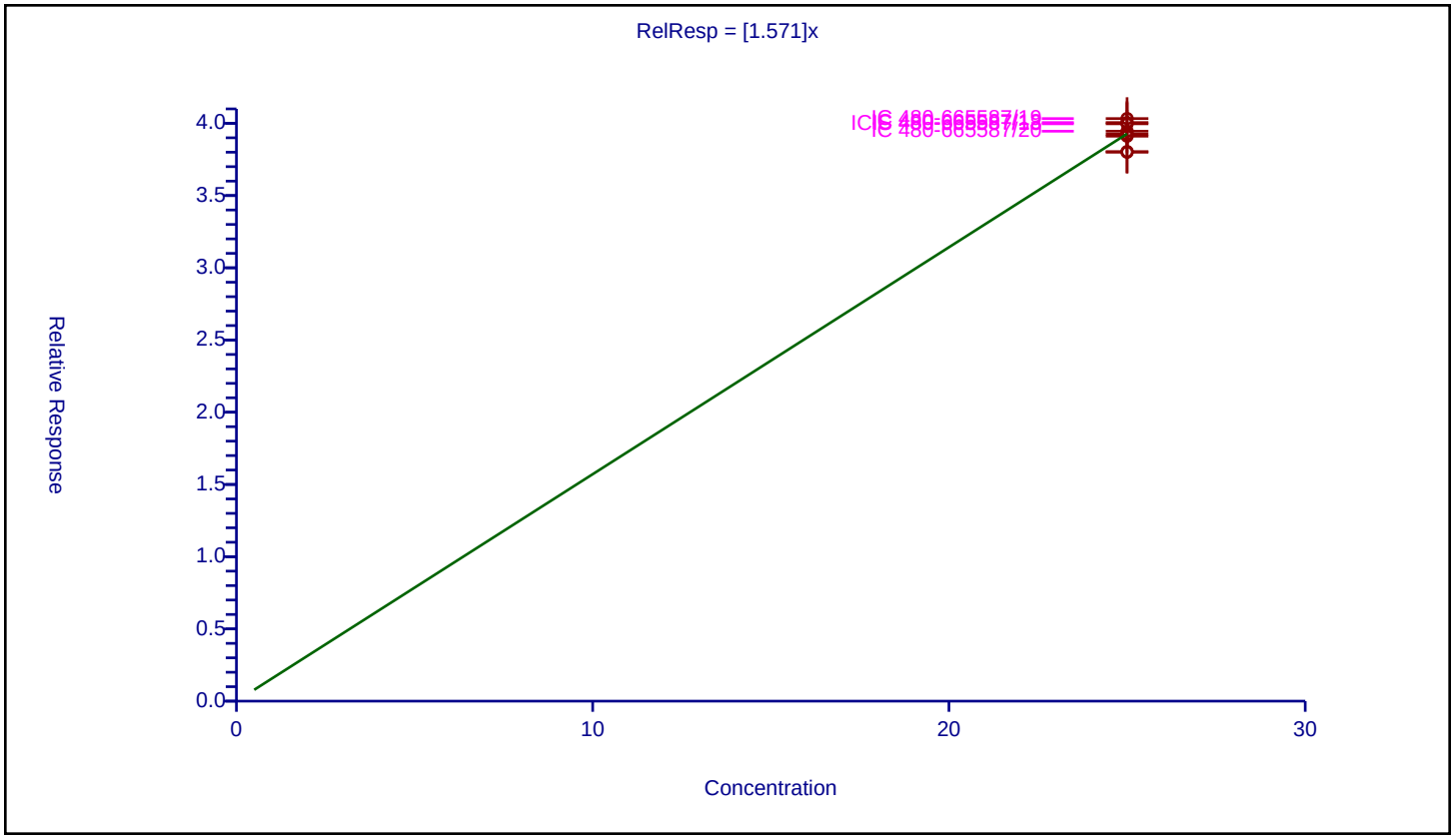
Curve Coefficients

Intercept:	0
Slope:	1.571

Error Coefficients

Standard Error:	235000
Relative Standard Error:	2.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	25.0	40.053787	25.0	146038.0	1.602151	Y
2	IC 480-665587/14	25.0	39.24854	25.0	144492.0	1.569942	Y
3	IC 480-665587/15	25.0	38.044303	25.0	147597.0	1.521772	Y
4	IC 480-665587/16	25.0	38.00249	25.0	147391.0	1.5201	Y
5	IC 480-665587/17	25.0	39.110656	25.0	144258.0	1.564426	Y
6	ICIS 480-665587/18	25.0	39.967835	25.0	134151.0	1.598713	Y
7	IC 480-665587/19	25.0	40.329119	25.0	130743.0	1.613165	Y
8	IC 480-665587/20	25.0	39.454153	25.0	122406.0	1.578166	Y



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Calibration / Carbon tetrachloride

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

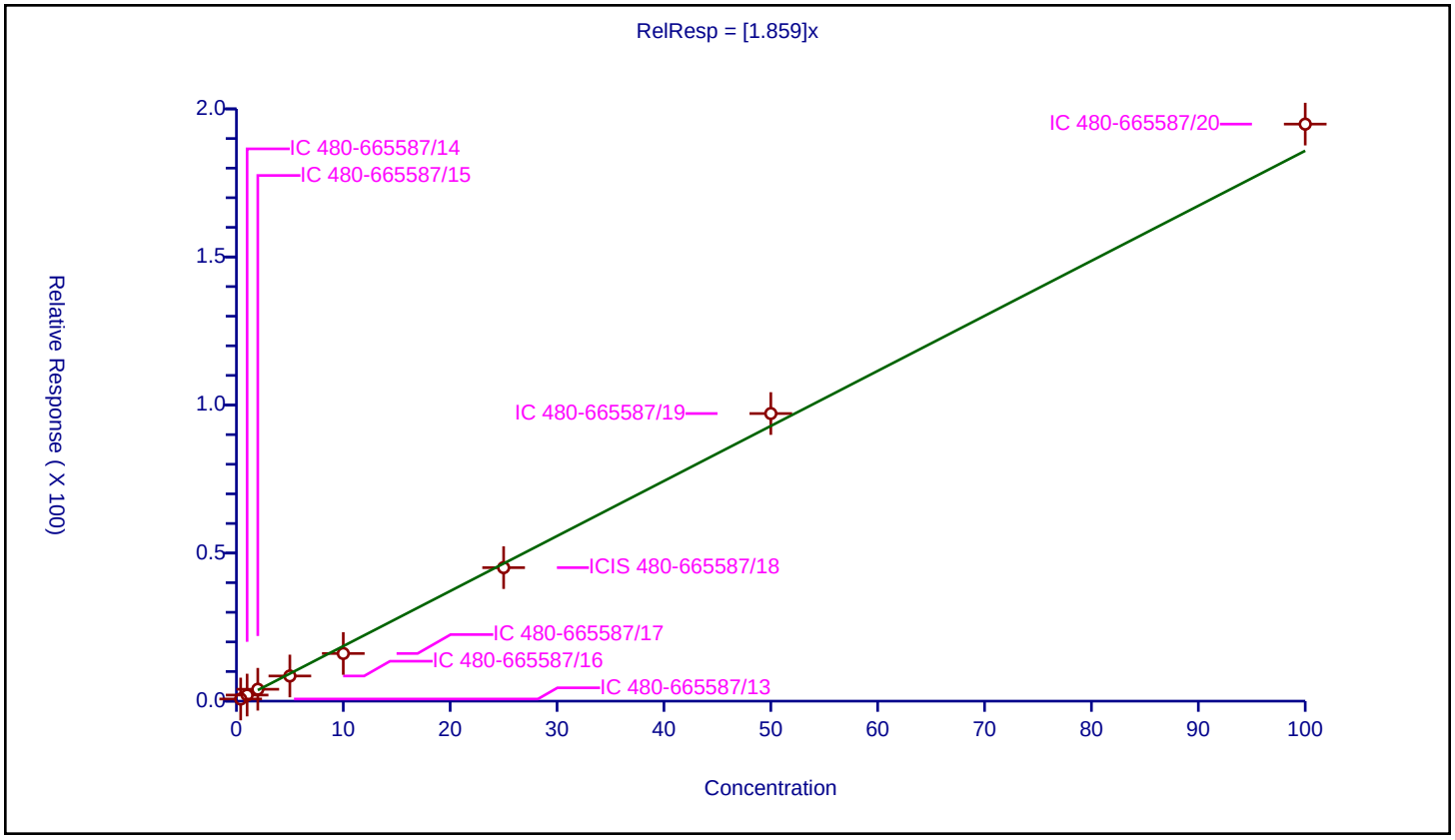
Curve Coefficients

Intercept:	0
Slope:	1.859

Error Coefficients

Standard Error:	421000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.720189	25.0	146038.0	1.800473	Y
2	IC 480-665587/14	1.0	2.058072	25.0	144492.0	2.058072	Y
3	IC 480-665587/15	2.0	4.015495	25.0	147597.0	2.007747	Y
4	IC 480-665587/16	5.0	8.493734	25.0	147391.0	1.698747	Y
5	IC 480-665587/17	10.0	16.093388	25.0	144258.0	1.609339	Y
6	ICIS 480-665587/18	25.0	45.080357	25.0	134151.0	1.803214	Y
7	IC 480-665587/19	50.0	97.121452	25.0	130743.0	1.942429	Y
8	IC 480-665587/20	100.0	194.859729	25.0	122406.0	1.948597	Y



Calibration / 1,1-Dichloropropene

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

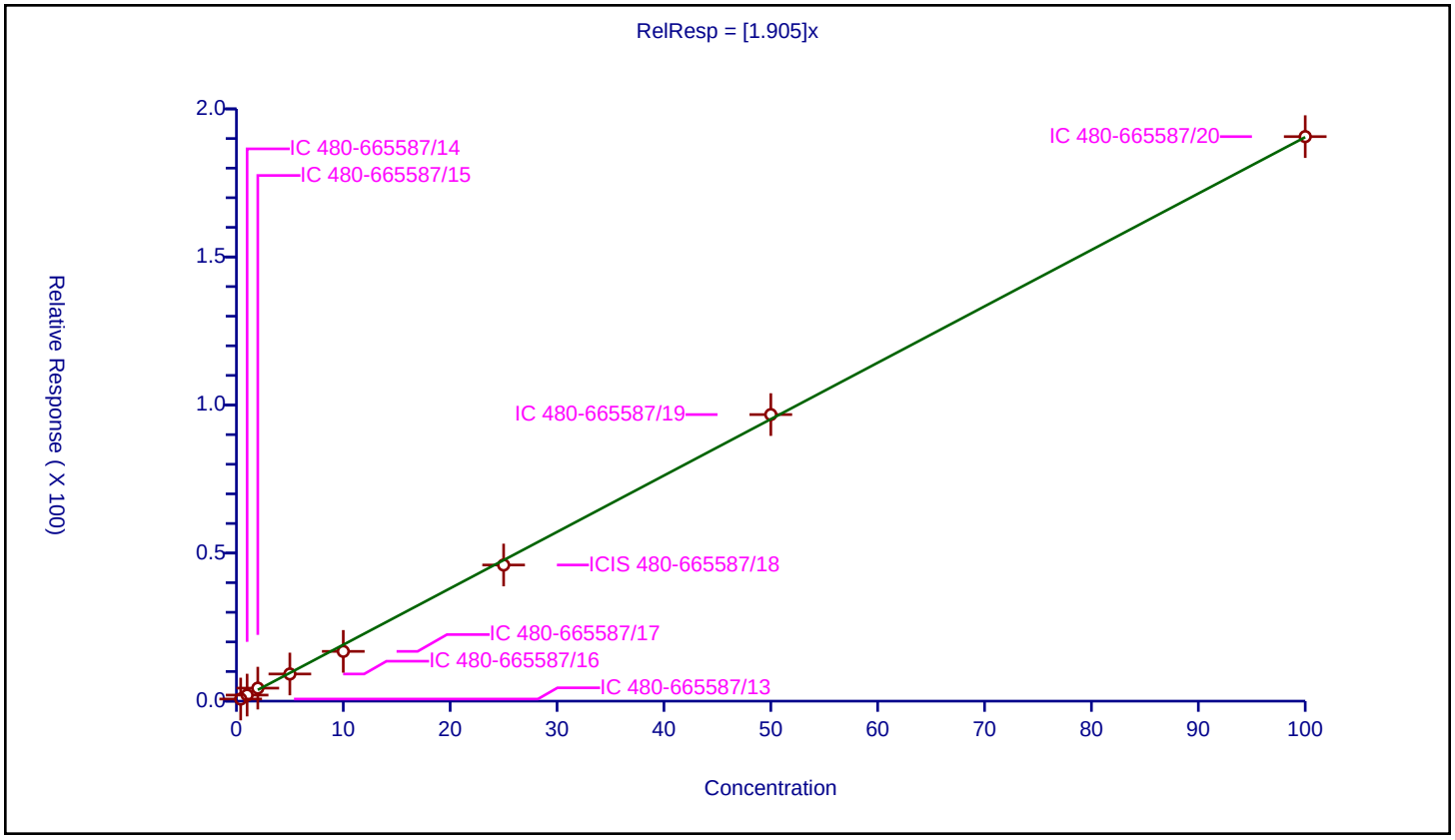
Curve Coefficients

Intercept:	0
Slope:	1.905

Error Coefficients

Standard Error:	414000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.718649	25.0	146038.0	1.796621	Y
2	IC 480-665587/14	1.0	2.047691	25.0	144492.0	2.047691	Y
3	IC 480-665587/15	2.0	4.393721	25.0	147597.0	2.19686	Y
4	IC 480-665587/16	5.0	9.171693	25.0	147391.0	1.834339	Y
5	IC 480-665587/17	10.0	16.804441	25.0	144258.0	1.680444	Y
6	ICIS 480-665587/18	25.0	45.975058	25.0	134151.0	1.839002	Y
7	IC 480-665587/19	50.0	96.771911	25.0	130743.0	1.935438	Y
8	IC 480-665587/20	100.0	190.638122	25.0	122406.0	1.906381	Y



Calibration / Isobutyl alcohol

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

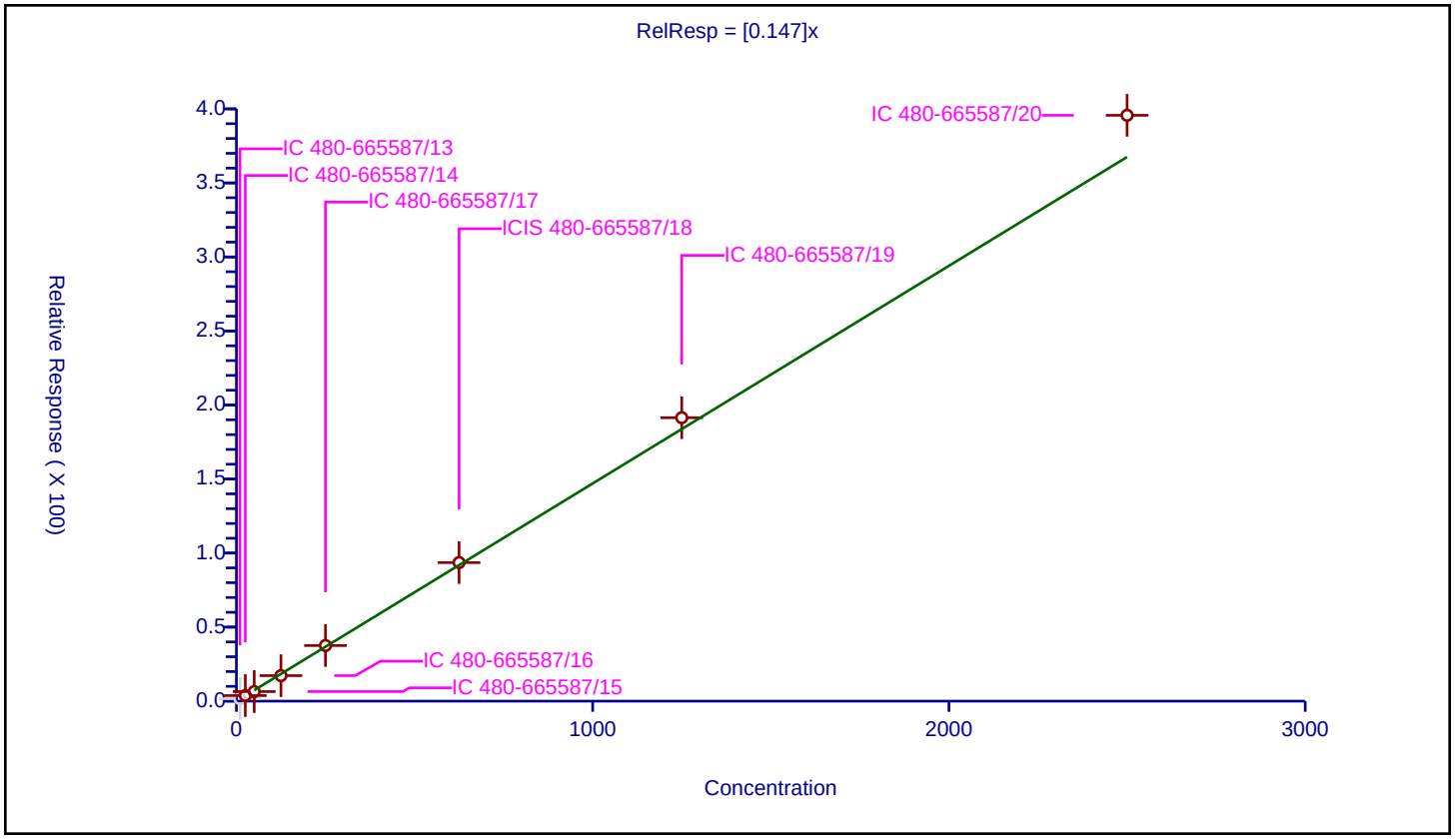
Curve Coefficients

Intercept:	0
Slope:	0.147

Error Coefficients

Standard Error:	919000
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	IC 480-665587/13	10.0	1.683466	25.0	146038.0	0.168347	N
2	IC 480-665587/14	25.0	3.766472	25.0	144492.0	0.150659	Y
3	IC 480-665587/15	50.0	6.466087	25.0	147597.0	0.129322	Y
4	IC 480-665587/16	125.0	17.216451	25.0	147391.0	0.137732	Y
5	IC 480-665587/17	250.0	37.544365	25.0	144258.0	0.150177	Y
6	ICIS 480-665587/18	625.0	93.591363	25.0	134151.0	0.149746	Y
7	IC 480-665587/19	1250.0	191.418087	25.0	130743.0	0.153134	Y
8	IC 480-665587/20	2500.0	395.663203	25.0	122406.0	0.158265	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

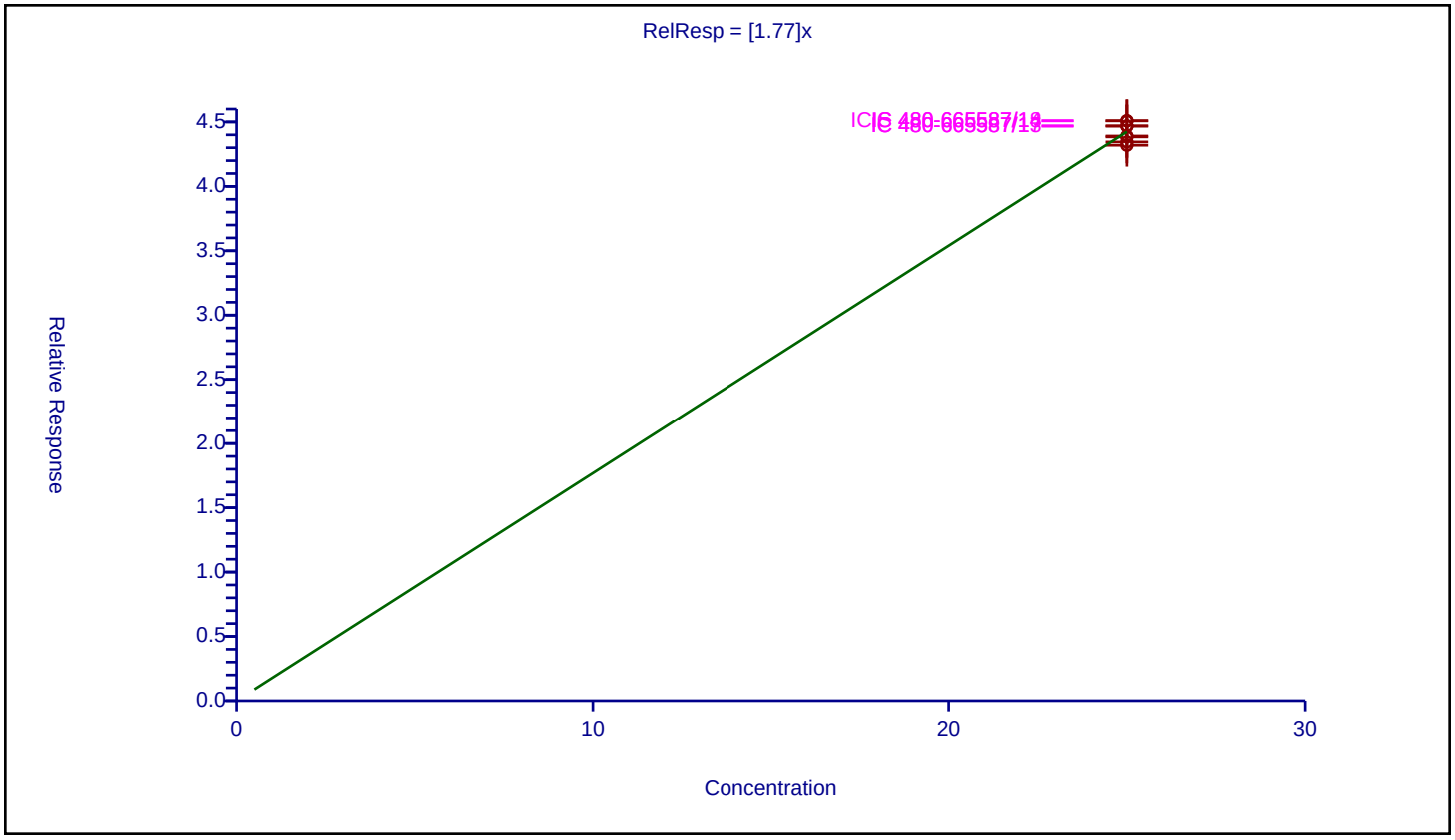
Curve Coefficients

Intercept:	0
Slope:	1.77

Error Coefficients

Standard Error:	265000
Relative Standard Error:	1.7
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	25.0	44.671935	25.0	146038.0	1.786877	Y
2	IC 480-665587/14	25.0	45.095057	25.0	144492.0	1.803802	Y
3	IC 480-665587/15	25.0	43.840491	25.0	147597.0	1.75362	Y
4	IC 480-665587/16	25.0	43.450753	25.0	147391.0	1.73803	Y
5	IC 480-665587/17	25.0	44.703933	25.0	144258.0	1.788157	Y
6	ICIS 480-665587/18	25.0	45.081103	25.0	134151.0	1.803244	Y
7	IC 480-665587/19	25.0	43.909617	25.0	130743.0	1.756385	Y
8	IC 480-665587/20	25.0	43.192531	25.0	122406.0	1.727701	Y



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Calibration / Benzene

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

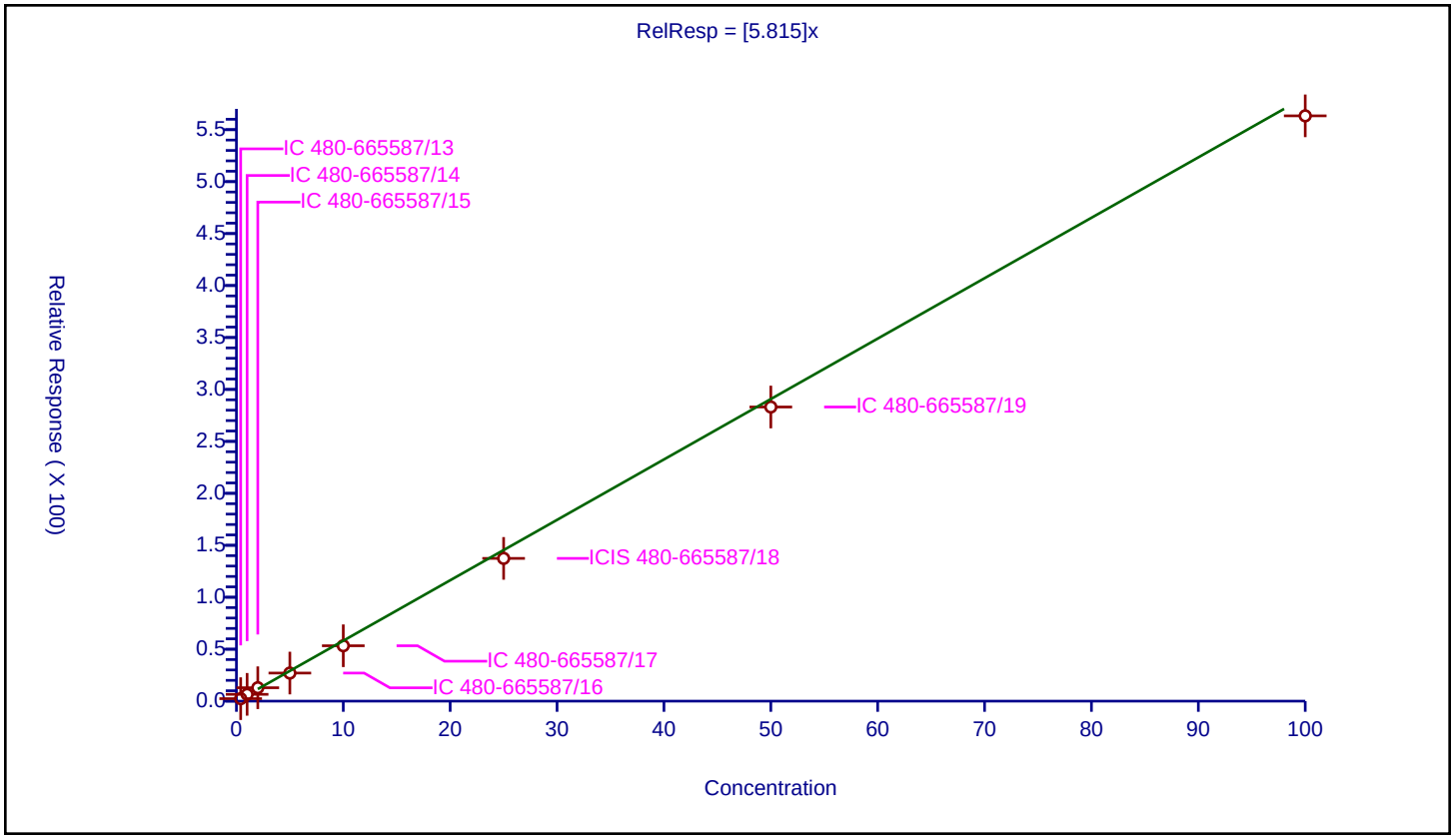
Curve Coefficients

Intercept:	0
Slope:	5.815

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	2.396636	25.0	146038.0	5.991591	Y
2	IC 480-665587/14	1.0	6.548286	25.0	144492.0	6.548286	Y
3	IC 480-665587/15	2.0	12.902871	25.0	147597.0	6.451435	Y
4	IC 480-665587/16	5.0	27.038286	25.0	147391.0	5.407657	Y
5	IC 480-665587/17	10.0	53.310562	25.0	144258.0	5.331056	Y
6	ICIS 480-665587/18	25.0	137.372625	25.0	134151.0	5.494905	Y
7	IC 480-665587/19	50.0	283.08571	25.0	130743.0	5.661714	Y
8	IC 480-665587/20	100.0	563.306946	25.0	122406.0	5.633069	Y



Calibration / 1,2-Dichloroethane

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

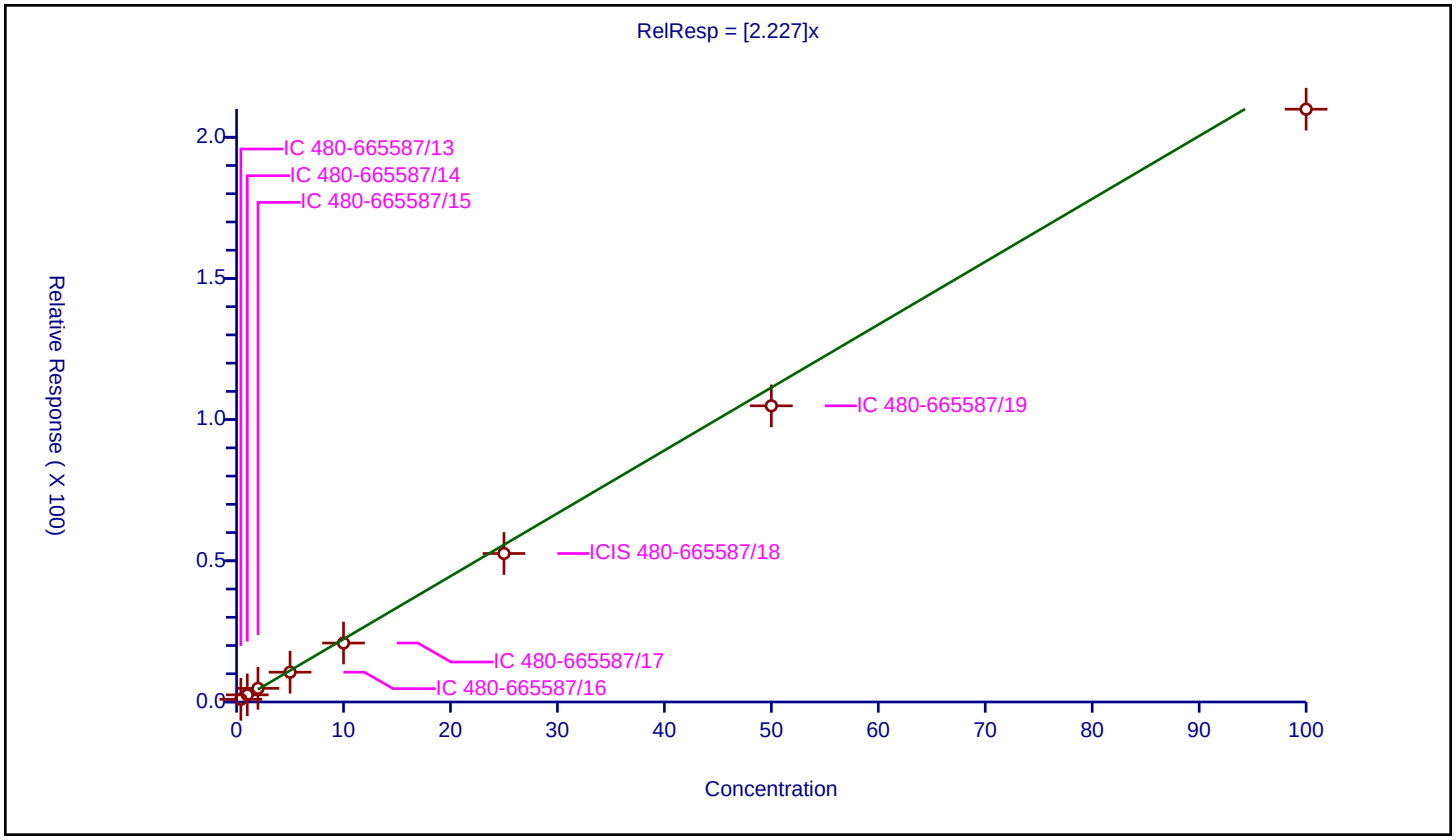
Curve Coefficients

Intercept:	0
Slope:	2.227

Error Coefficients

Standard Error:	456000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.950951	25.0	146038.0	2.377378	Y
2	IC 480-665587/14	1.0	2.526957	25.0	144492.0	2.526957	Y
3	IC 480-665587/15	2.0	4.82835	25.0	147597.0	2.414175	Y
4	IC 480-665587/16	5.0	10.550339	25.0	147391.0	2.110068	Y
5	IC 480-665587/17	10.0	20.879951	25.0	144258.0	2.087995	Y
6	ICIS 480-665587/18	25.0	52.592787	25.0	134151.0	2.103711	Y
7	IC 480-665587/19	50.0	104.89204	25.0	130743.0	2.097841	Y
8	IC 480-665587/20	100.0	209.933337	25.0	122406.0	2.099333	Y



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Calibration / n-Heptane

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

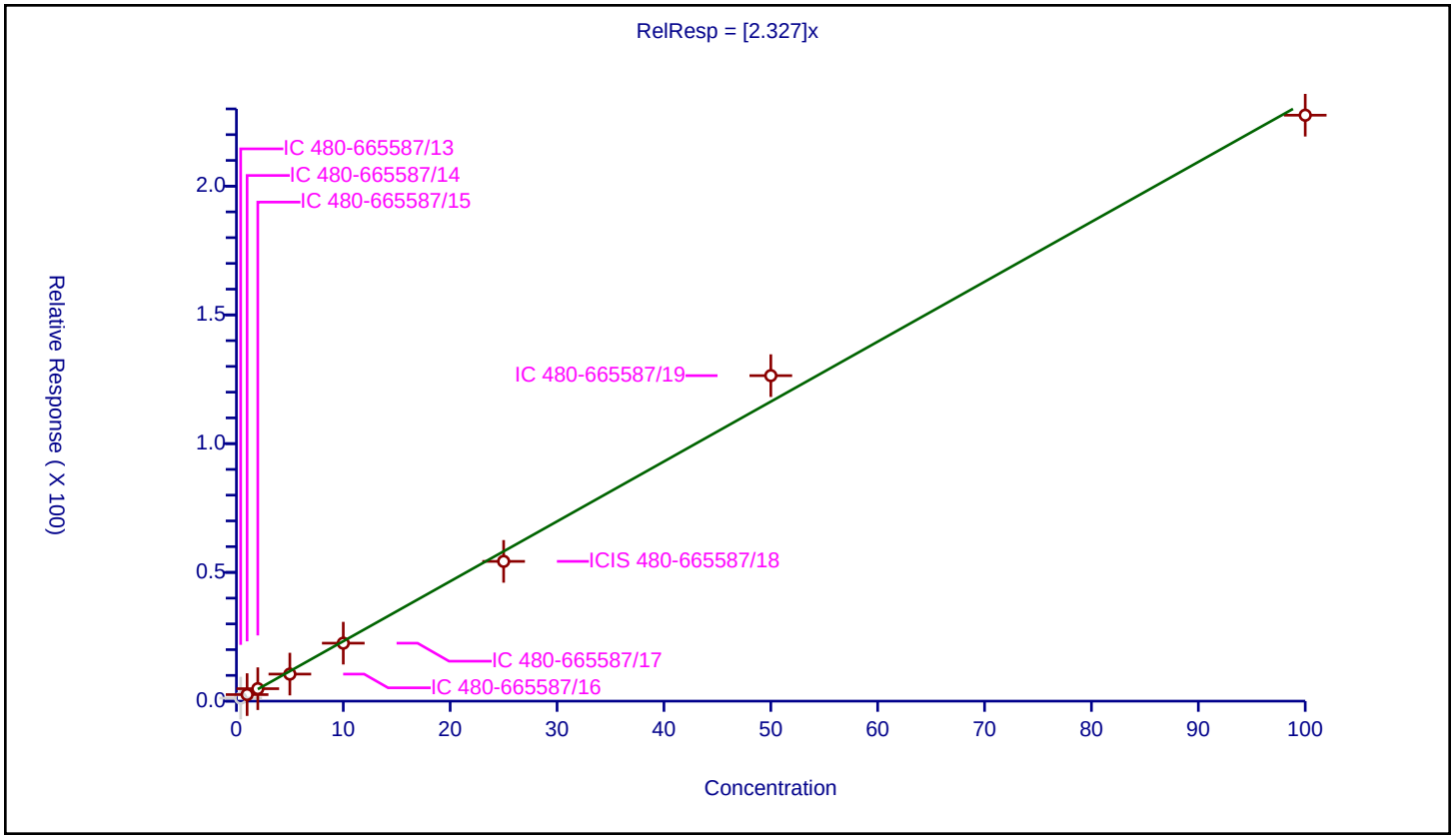
Curve Coefficients

Intercept:	0
Slope:	2.327

Error Coefficients

Standard Error:	545000
Relative Standard Error:	7.4
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.177091	25.0	146038.0	2.942727	N
2	IC 480-665587/14	1.0	2.544259	25.0	144492.0	2.544259	Y
3	IC 480-665587/15	2.0	4.832585	25.0	147597.0	2.416292	Y
4	IC 480-665587/16	5.0	10.499454	25.0	147391.0	2.099891	Y
5	IC 480-665587/17	10.0	22.511576	25.0	144258.0	2.251158	Y
6	ICIS 480-665587/18	25.0	54.276338	25.0	134151.0	2.171054	Y
7	IC 480-665587/19	50.0	126.407915	25.0	130743.0	2.528158	Y
8	IC 480-665587/20	100.0	227.549916	25.0	122406.0	2.275499	Y



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Calibration / Trichloroethene

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

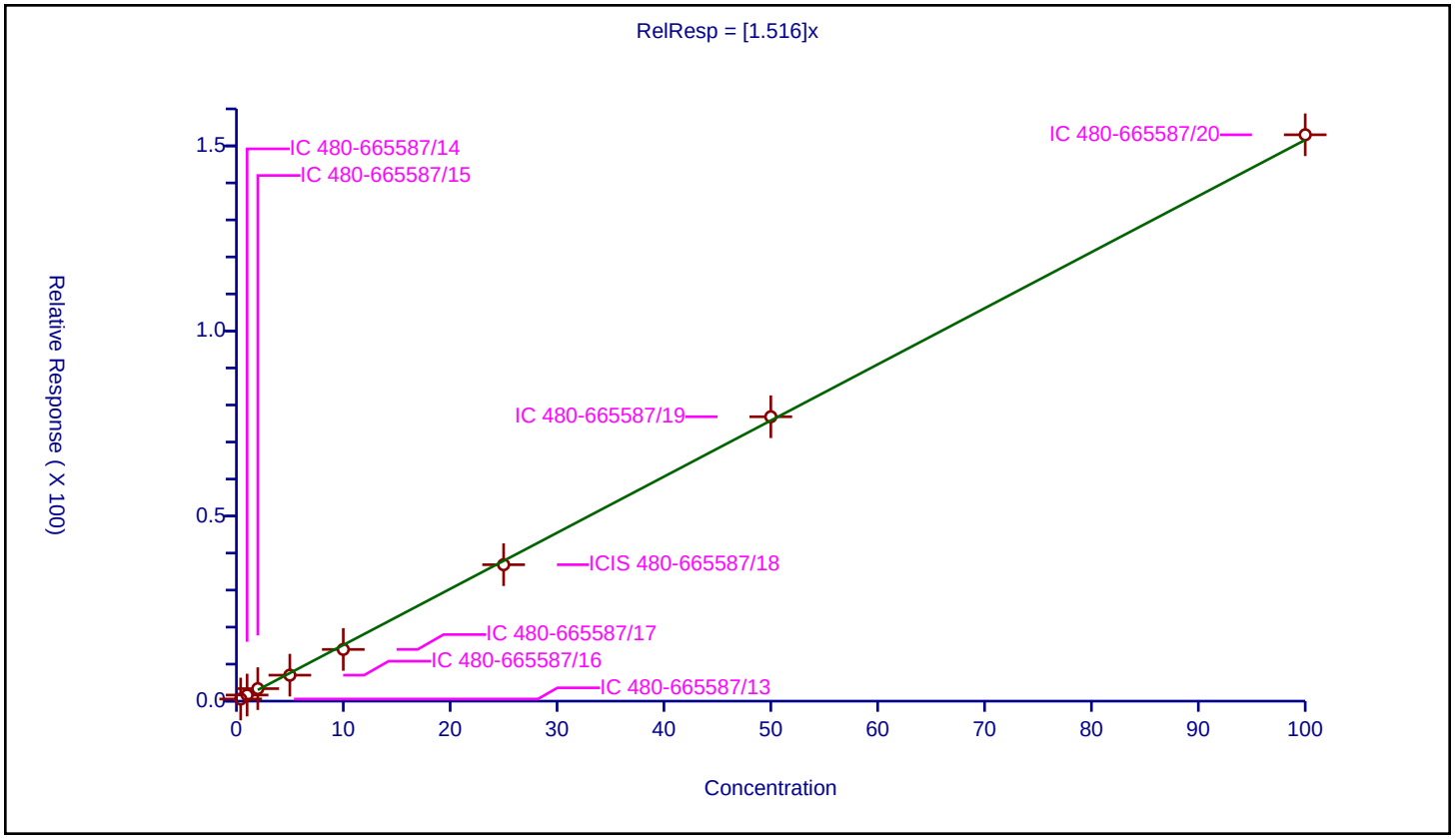
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Standard Error:	332000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.578274	25.0	146038.0	1.445685	Y
2	IC 480-665587/14	1.0	1.653033	25.0	144492.0	1.653033	Y
3	IC 480-665587/15	2.0	3.378117	25.0	147597.0	1.689059	Y
4	IC 480-665587/16	5.0	7.015863	25.0	147391.0	1.403173	Y
5	IC 480-665587/17	10.0	13.970109	25.0	144258.0	1.397011	Y
6	ICIS 480-665587/18	25.0	36.857347	25.0	134151.0	1.474294	Y
7	IC 480-665587/19	50.0	76.835089	25.0	130743.0	1.536702	Y
8	IC 480-665587/20	100.0	153.003529	25.0	122406.0	1.530035	Y



Calibration / Methylcyclohexane

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

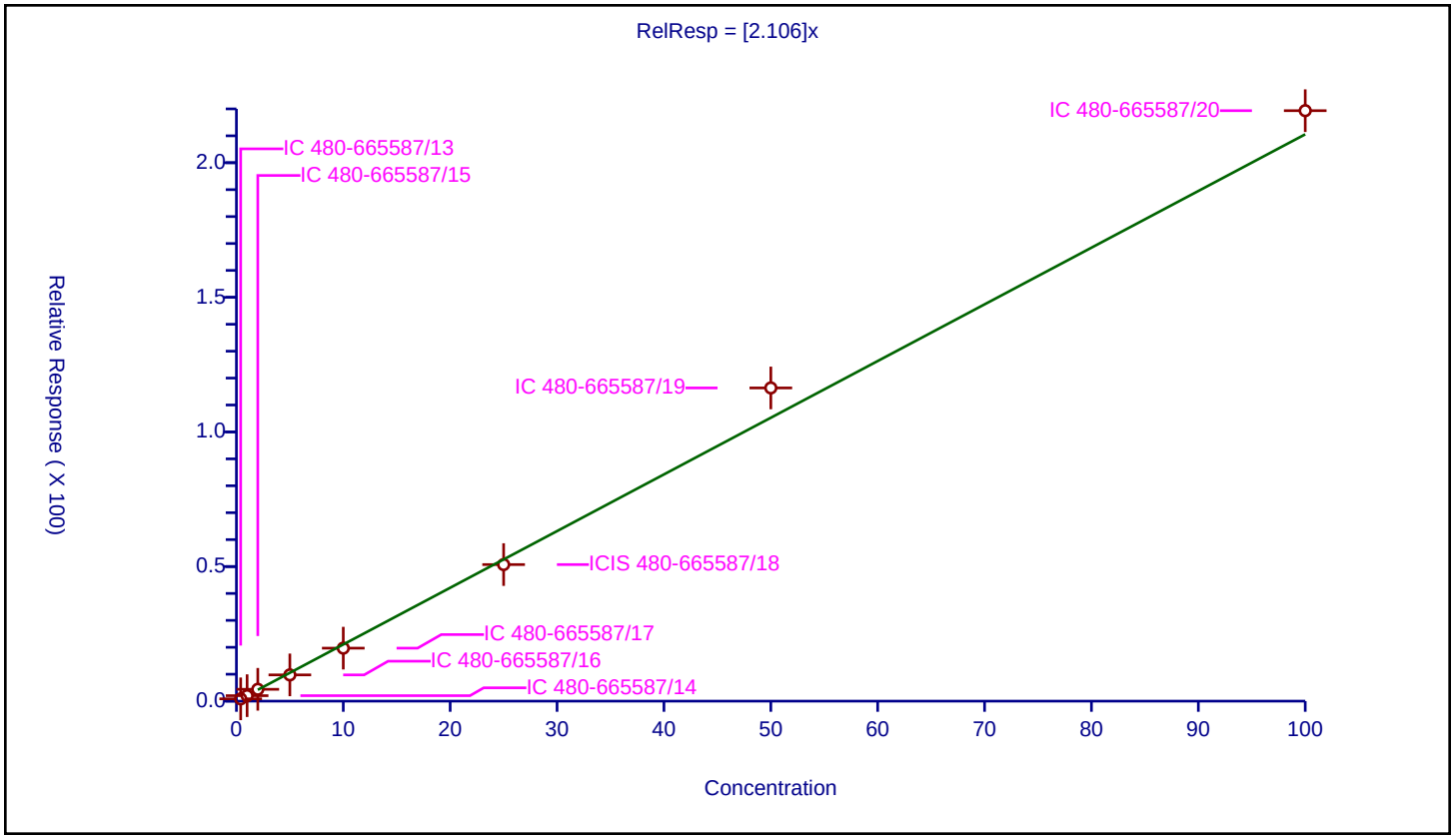
Curve Coefficients

Intercept:	0
Slope:	2.106

Error Coefficients

Standard Error:	480000
Relative Standard Error:	6.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.858852	25.0	146038.0	2.14713	Y
2	IC 480-665587/14	1.0	2.030562	25.0	144492.0	2.030562	Y
3	IC 480-665587/15	2.0	4.398463	25.0	147597.0	2.199232	Y
4	IC 480-665587/16	5.0	9.74839	25.0	147391.0	1.949678	Y
5	IC 480-665587/17	10.0	19.684004	25.0	144258.0	1.9684	Y
6	ICIS 480-665587/18	25.0	50.729588	25.0	134151.0	2.029184	Y
7	IC 480-665587/19	50.0	116.345235	25.0	130743.0	2.326905	Y
8	IC 480-665587/20	100.0	219.335245	25.0	122406.0	2.193352	Y



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Calibration / 1,2-Dichloropropane

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

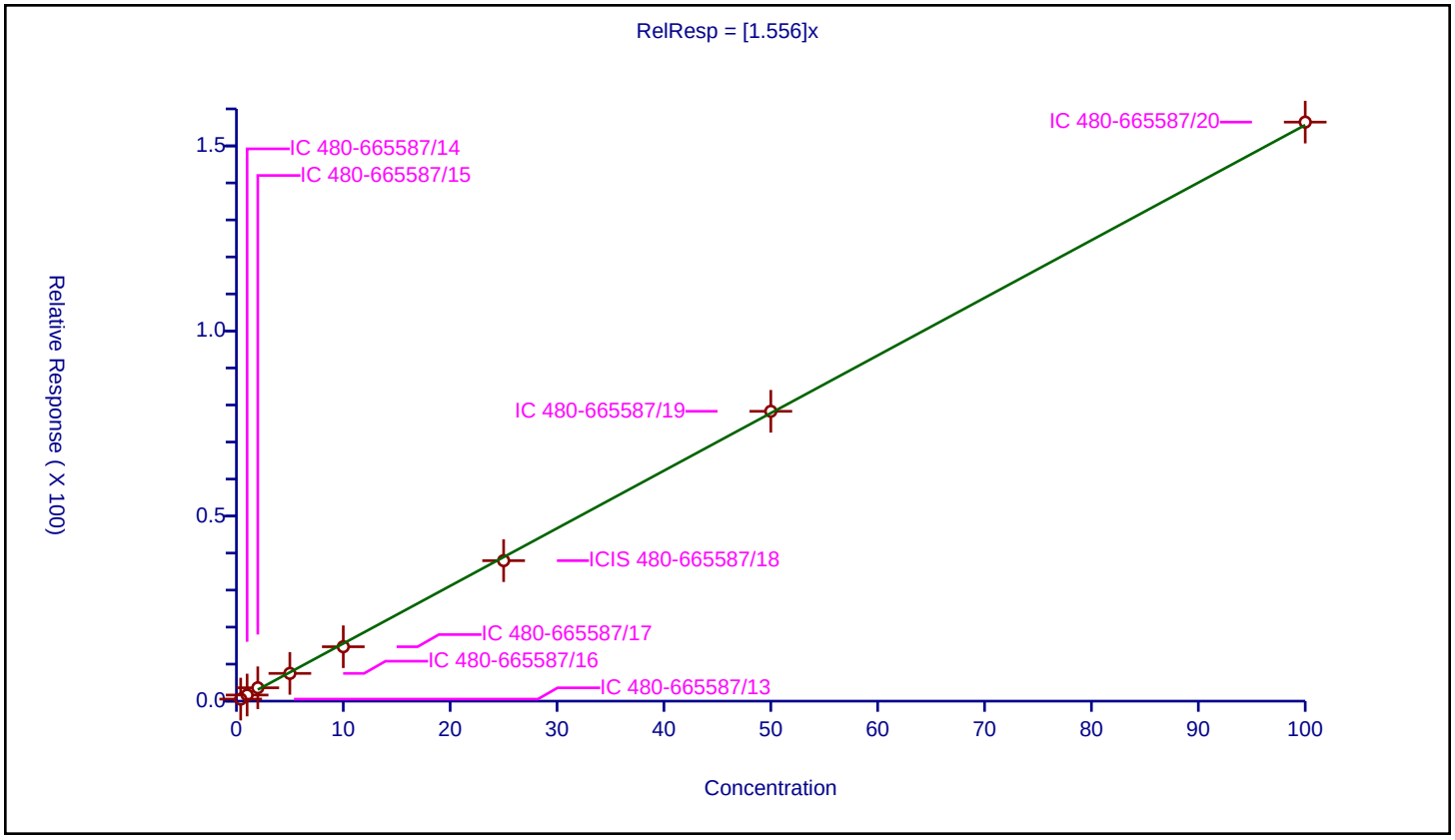
Curve Coefficients

Intercept:	0
Slope:	1.556

Error Coefficients

Standard Error:	339000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.551398	25.0	146038.0	1.378494	Y
2	IC 480-665587/14	1.0	1.65286	25.0	144492.0	1.65286	Y
3	IC 480-665587/15	2.0	3.60695	25.0	147597.0	1.803475	Y
4	IC 480-665587/16	5.0	7.49079	25.0	147391.0	1.498158	Y
5	IC 480-665587/17	10.0	14.697798	25.0	144258.0	1.46978	Y
6	ICIS 480-665587/18	25.0	37.954246	25.0	134151.0	1.51817	Y
7	IC 480-665587/19	50.0	78.304192	25.0	130743.0	1.566084	Y
8	IC 480-665587/20	100.0	156.429423	25.0	122406.0	1.564294	Y



Calibration / 1,4-Dioxane

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

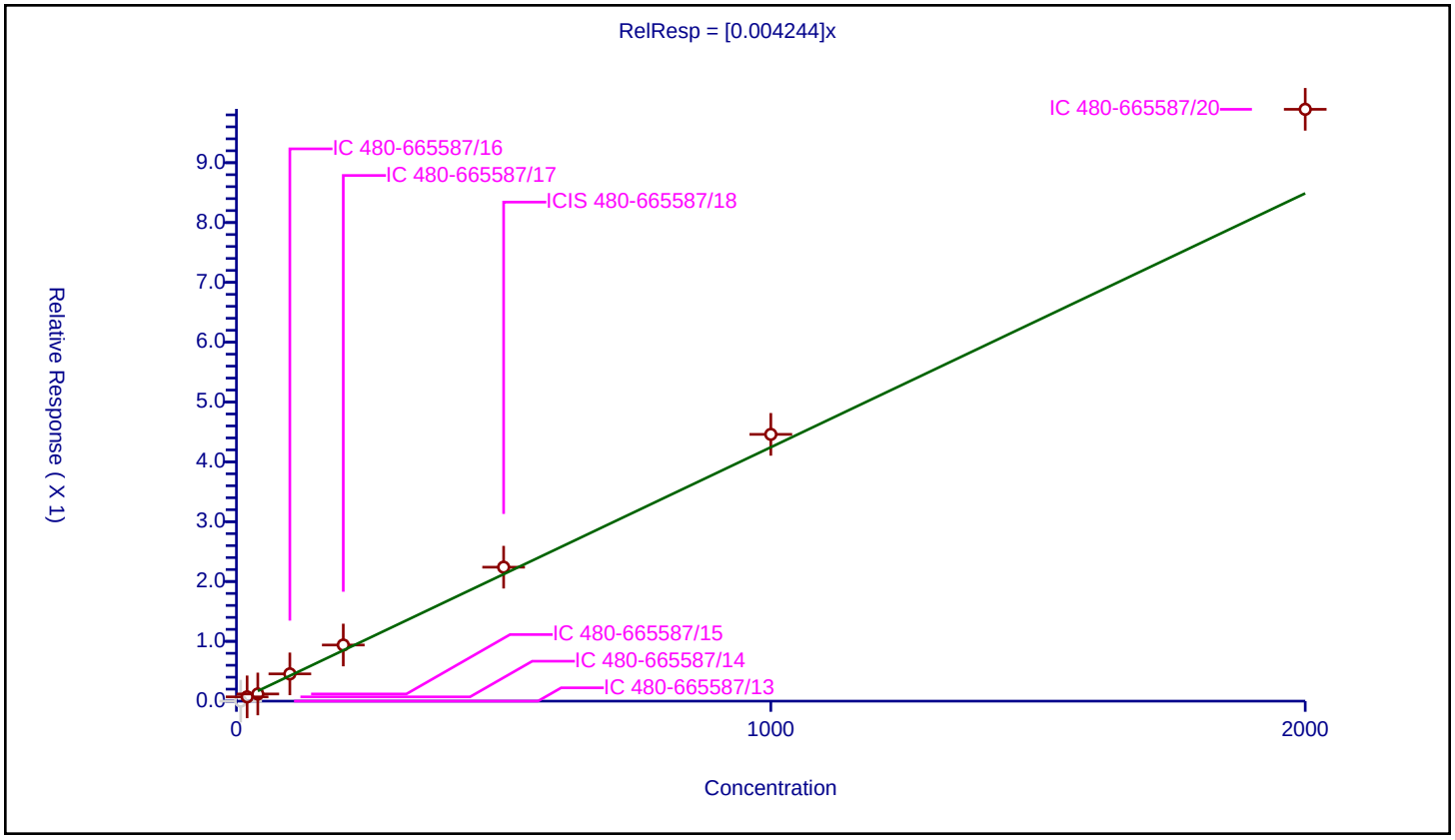
Curve Coefficients

Intercept:	0
Slope:	0.004244

Error Coefficients

Standard Error:	98500
Relative Standard Error:	16.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	8.0	0.0	25.0	602640.0	0.0	N
2	IC 480-665587/14	20.0	0.071615	25.0	570413.0	0.003581	Y
3	IC 480-665587/15	40.0	0.119884	25.0	597033.0	0.002997	Y
4	IC 480-665587/16	100.0	0.455454	25.0	611093.0	0.004555	Y
5	IC 480-665587/17	200.0	0.938338	25.0	591631.0	0.004692	Y
6	ICIS 480-665587/18	500.0	2.239412	25.0	571333.0	0.004479	Y
7	IC 480-665587/19	1000.0	4.459567	25.0	555295.0	0.00446	Y
8	IC 480-665587/20	2000.0	9.892774	25.0	537137.0	0.004946	Y



Calibration / Dibromomethane

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

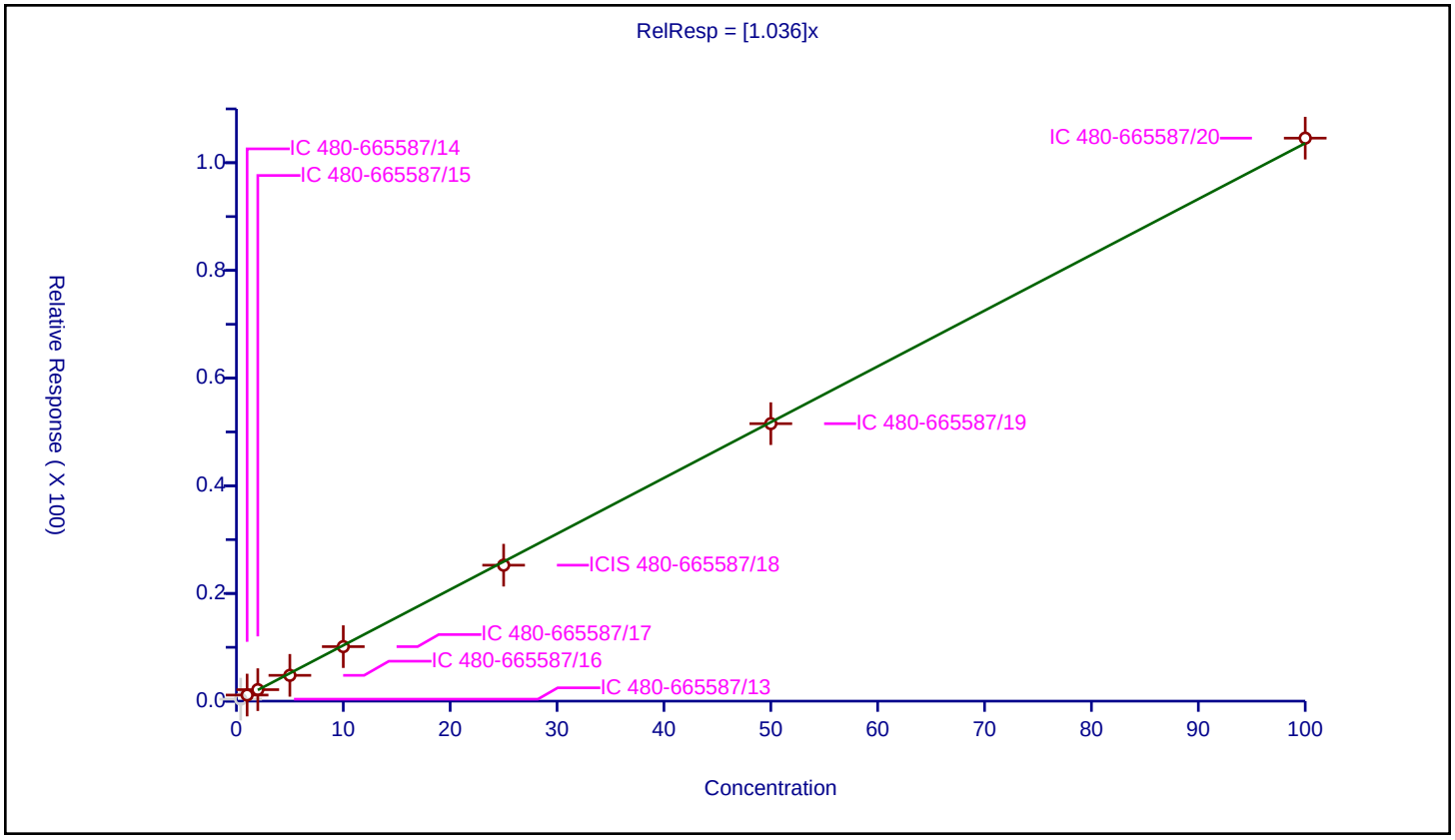
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Standard Error:	244000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.36874	25.0	146038.0	0.921849	N
2	IC 480-665587/14	1.0	1.129474	25.0	144492.0	1.129474	Y
3	IC 480-665587/15	2.0	2.133512	25.0	147597.0	1.066756	Y
4	IC 480-665587/16	5.0	4.791846	25.0	147391.0	0.958369	Y
5	IC 480-665587/17	10.0	10.122142	25.0	144258.0	1.012214	Y
6	ICIS 480-665587/18	25.0	25.2527	25.0	134151.0	1.010108	Y
7	IC 480-665587/19	50.0	51.537941	25.0	130743.0	1.030759	Y
8	IC 480-665587/20	100.0	104.565953	25.0	122406.0	1.04566	Y



Calibration / Dichlorobromomethane

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

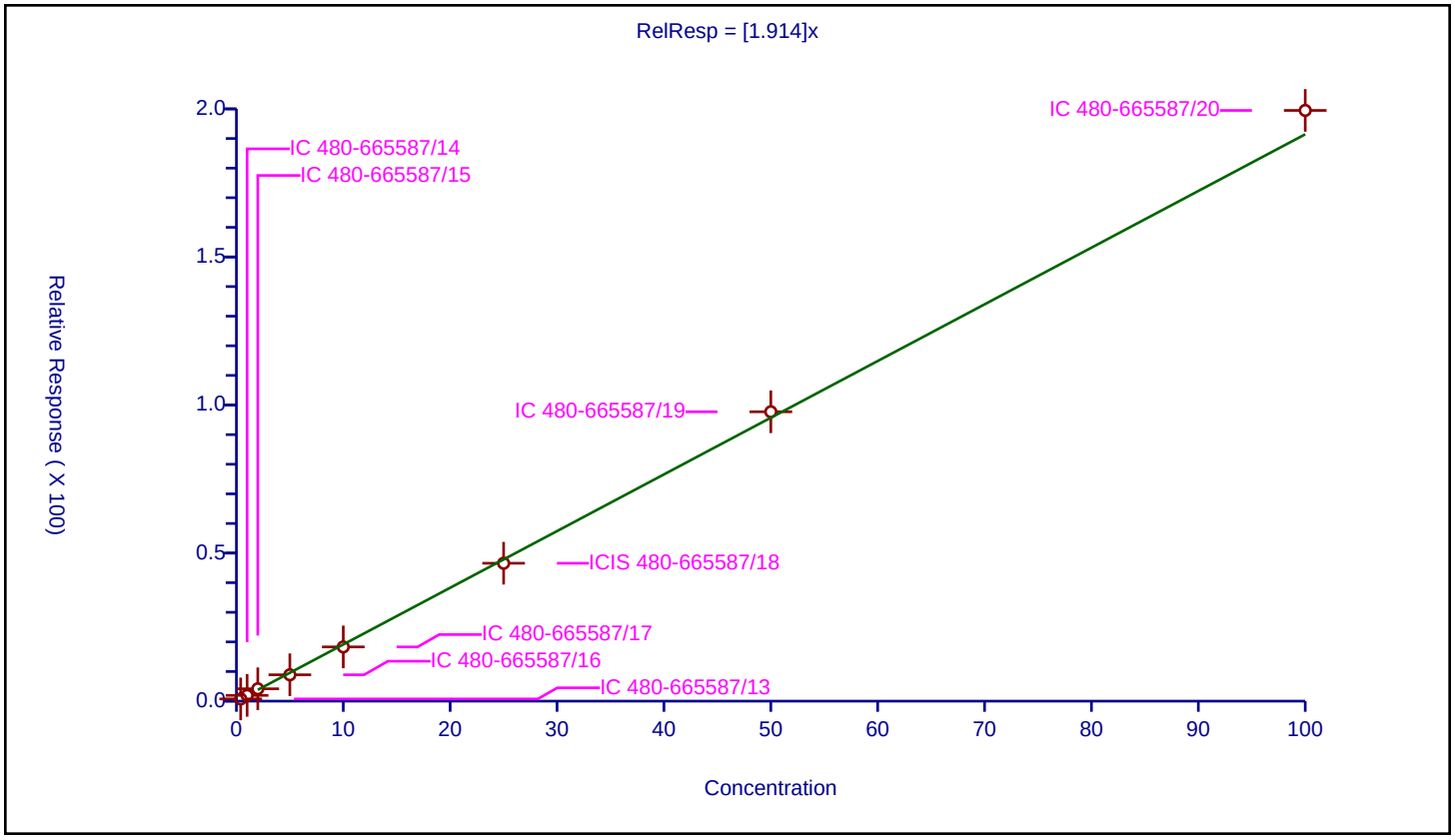
Curve Coefficients

Intercept:	0
Slope:	1.914

Error Coefficients

Standard Error:	430000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.744669	25.0	146038.0	1.861673	Y
2	IC 480-665587/14	1.0	1.946994	25.0	144492.0	1.946994	Y
3	IC 480-665587/15	2.0	4.165227	25.0	147597.0	2.082613	Y
4	IC 480-665587/16	5.0	8.896066	25.0	147391.0	1.779213	Y
5	IC 480-665587/17	10.0	18.310423	25.0	144258.0	1.831042	Y
6	ICIS 480-665587/18	25.0	46.571028	25.0	134151.0	1.862841	Y
7	IC 480-665587/19	50.0	97.718042	25.0	130743.0	1.954361	Y
8	IC 480-665587/20	100.0	199.480622	25.0	122406.0	1.994806	Y



Calibration / 2-Chloroethyl vinyl ether

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

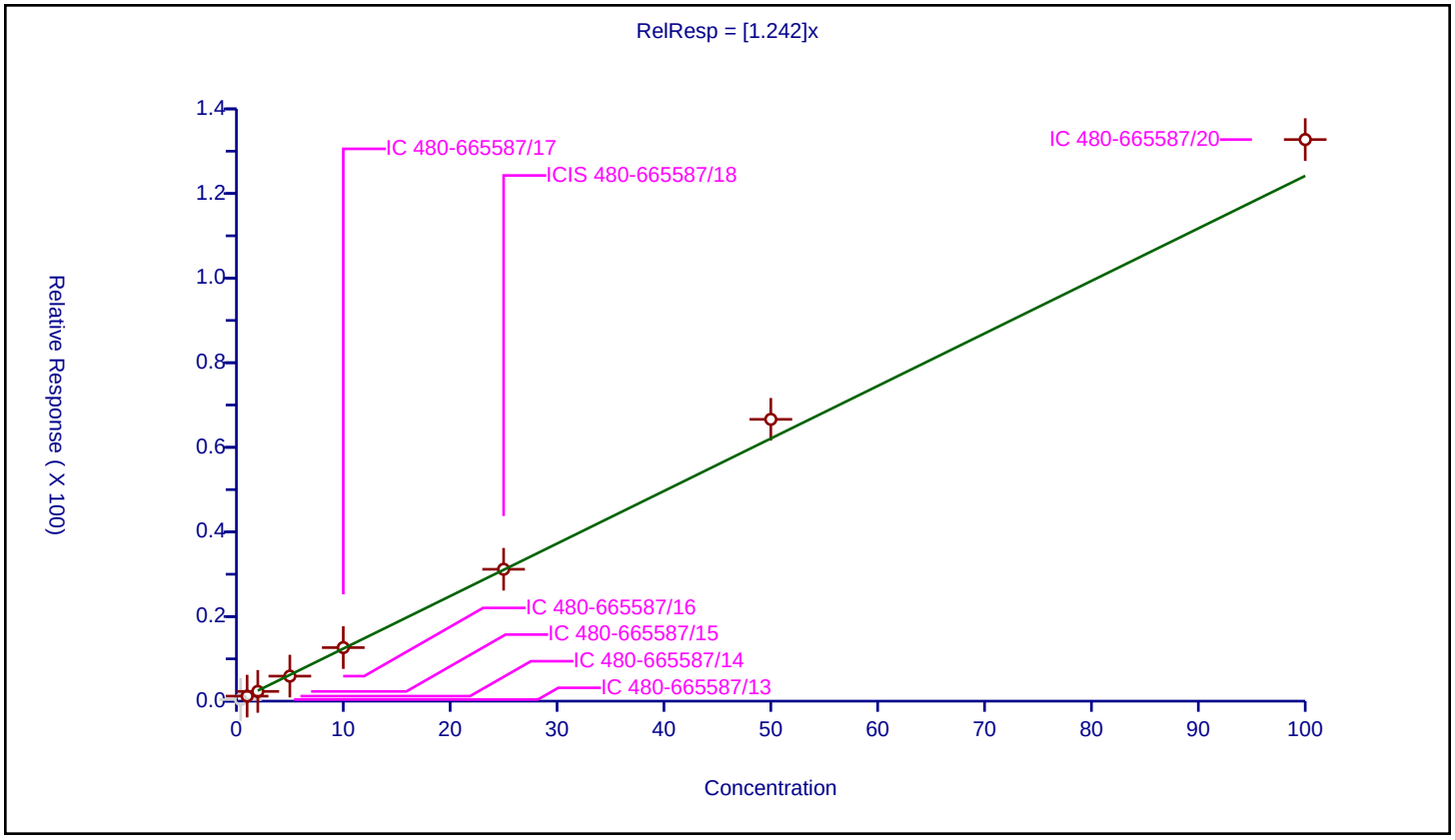
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Standard Error:	310000
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	IC 480-665587/13	0.4	0.382777	25.0	146038.0	0.956943	N
2	IC 480-665587/14	1.0	1.186571	25.0	144492.0	1.186571	Y
3	IC 480-665587/15	2.0	2.299505	25.0	147597.0	1.149752	Y
4	IC 480-665587/16	5.0	5.913183	25.0	147391.0	1.182637	Y
5	IC 480-665587/17	10.0	12.658223	25.0	144258.0	1.265822	Y
6	ICIS 480-665587/18	25.0	31.172522	25.0	134151.0	1.246901	Y
7	IC 480-665587/19	50.0	66.615995	25.0	130743.0	1.33232	Y
8	IC 480-665587/20	100.0	132.74962	25.0	122406.0	1.327496	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

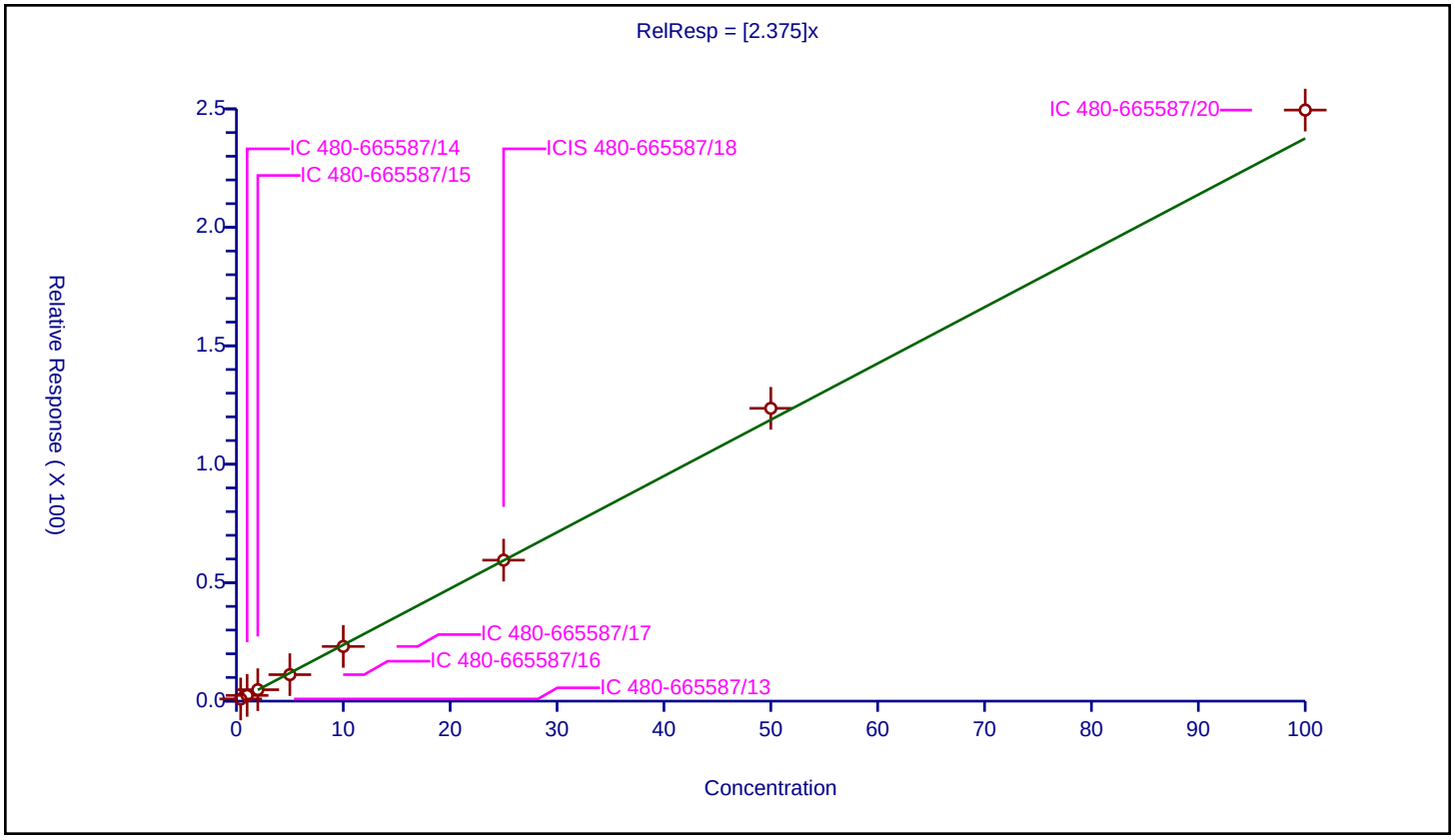
Curve Coefficients

Intercept:	0
Slope:	2.375

Error Coefficients

Standard Error:	539000
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	IC 480-665587/13	0.4	0.910893	25.0	146038.0	2.277233	Y
2	IC 480-665587/14	1.0	2.418646	25.0	144492.0	2.418646	Y
3	IC 480-665587/15	2.0	4.829366	25.0	147597.0	2.414683	Y
4	IC 480-665587/16	5.0	11.185554	25.0	147391.0	2.237111	Y
5	IC 480-665587/17	10.0	23.085202	25.0	144258.0	2.30852	Y
6	ICIS 480-665587/18	25.0	59.51372	25.0	134151.0	2.380549	Y
7	IC 480-665587/19	50.0	123.603367	25.0	130743.0	2.472067	Y
8	IC 480-665587/20	100.0	249.49982	25.0	122406.0	2.494998	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

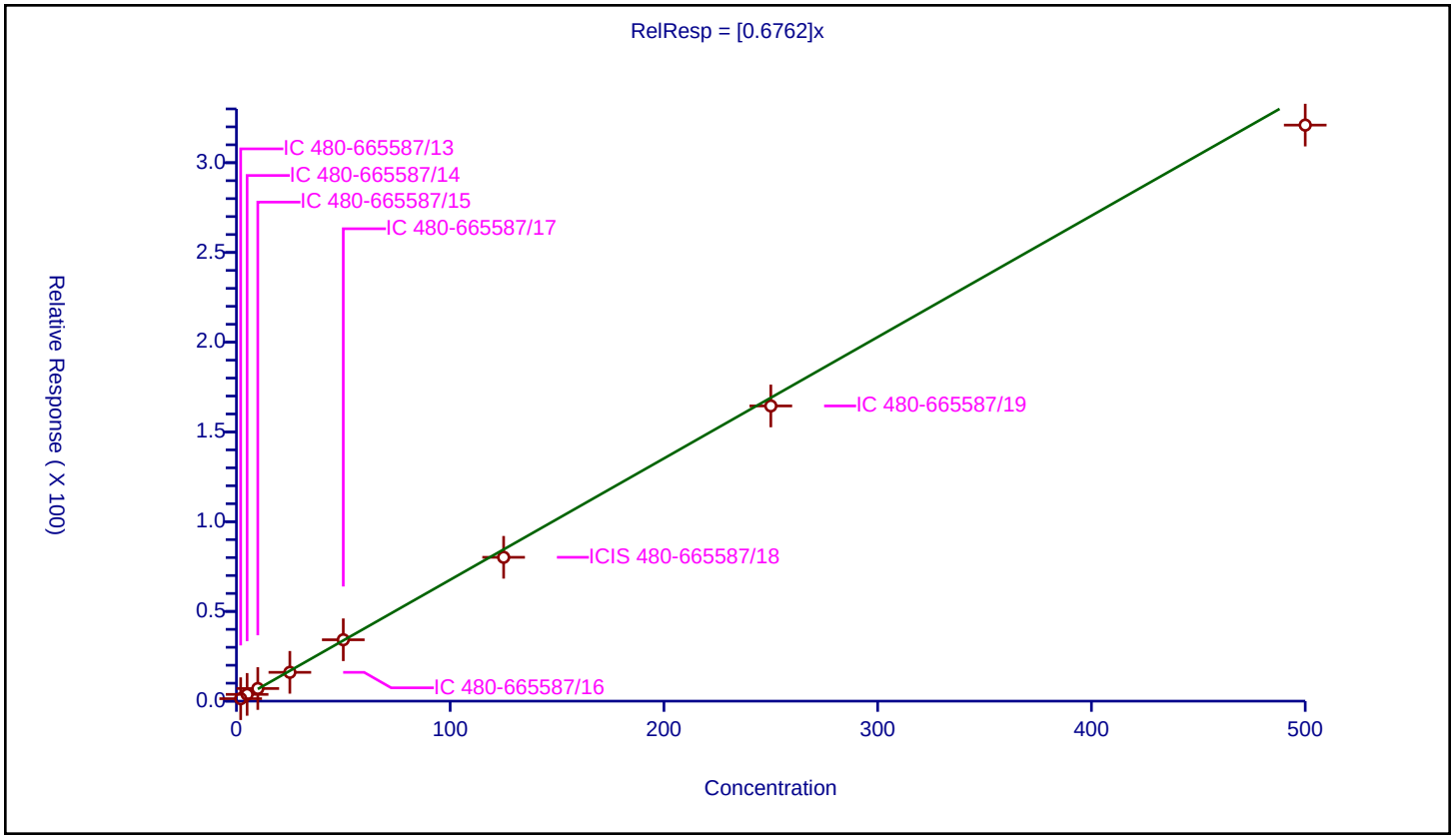
Curve Coefficients

Intercept:	0
Slope:	0.6762

Error Coefficients

Standard Error:	3050000
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	IC 480-665587/13	2.0	1.376941	25.0	602640.0	0.688471	Y
2	IC 480-665587/14	5.0	3.758198	25.0	570413.0	0.75164	Y
3	IC 480-665587/15	10.0	7.0257	25.0	597033.0	0.70257	Y
4	IC 480-665587/16	25.0	16.050176	25.0	611093.0	0.642007	Y
5	IC 480-665587/17	50.0	34.192934	25.0	591631.0	0.683859	Y
6	ICIS 480-665587/18	125.0	80.149099	25.0	571333.0	0.641193	Y
7	IC 480-665587/19	250.0	164.48829	25.0	555295.0	0.657953	Y
8	IC 480-665587/20	500.0	320.970162	25.0	537137.0	0.64194	Y



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Calibration / Toluene-d8 (Surr)

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

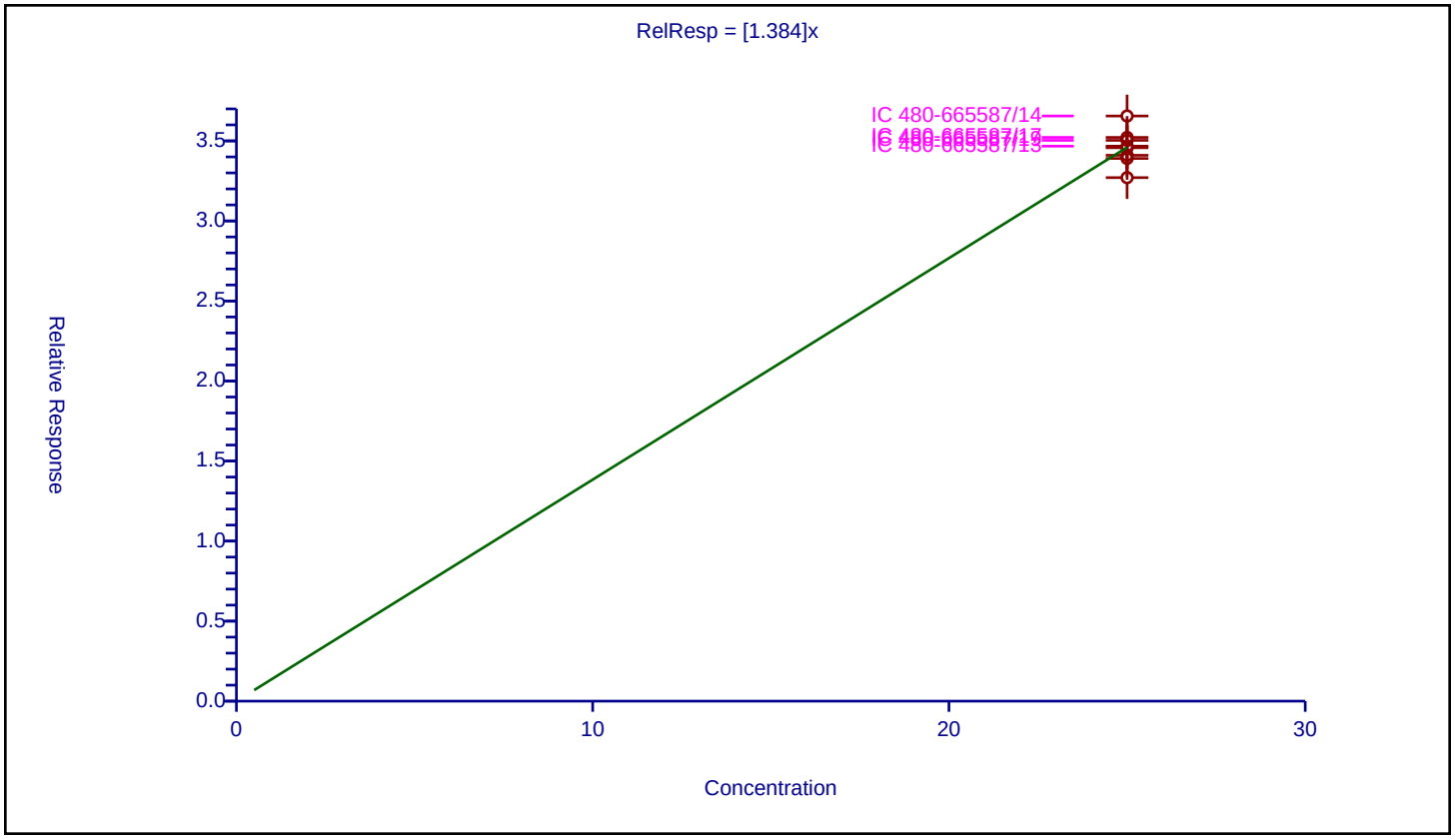
Curve Coefficients

Intercept:	0
Slope:	1.384

Error Coefficients

Standard Error:	859000
Relative Standard Error:	3.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	25.0	34.670409	25.0	602640.0	1.386816	Y
2	IC 480-665587/14	25.0	36.555005	25.0	570413.0	1.4622	Y
3	IC 480-665587/15	25.0	33.902858	25.0	597033.0	1.356114	Y
4	IC 480-665587/16	25.0	34.102092	25.0	611093.0	1.364084	Y
5	IC 480-665587/17	25.0	35.21756	25.0	591631.0	1.408702	Y
6	ICIS 480-665587/18	25.0	34.572088	25.0	571333.0	1.382884	Y
7	IC 480-665587/19	25.0	35.035522	25.0	555295.0	1.401421	Y
8	IC 480-665587/20	25.0	32.704831	25.0	537137.0	1.308193	Y



Calibration / Toluene

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

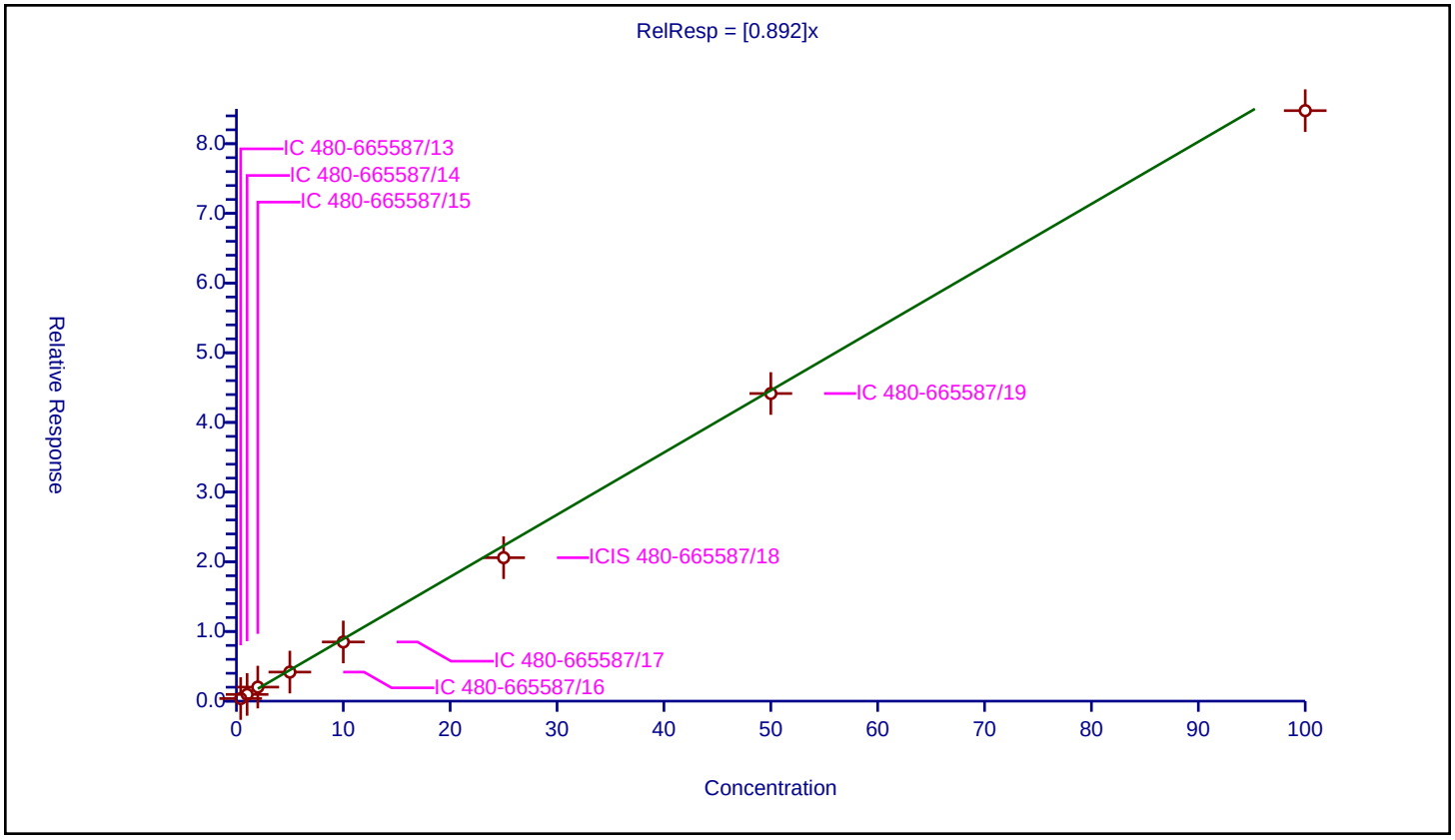
Curve Coefficients

Intercept:	0
Slope:	0.892

Error Coefficients

Standard Error:	806000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.370785	25.0	602640.0	0.926963	Y
2	IC 480-665587/14	1.0	0.963732	25.0	570413.0	0.963732	Y
3	IC 480-665587/15	2.0	2.014587	25.0	597033.0	1.007294	Y
4	IC 480-665587/16	5.0	4.173383	25.0	611093.0	0.834677	Y
5	IC 480-665587/17	10.0	8.493005	25.0	591631.0	0.8493	Y
6	ICIS 480-665587/18	25.0	20.584449	25.0	571333.0	0.823378	Y
7	IC 480-665587/19	50.0	44.153423	25.0	555295.0	0.883068	Y
8	IC 480-665587/20	100.0	84.74877	25.0	537137.0	0.847488	Y



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Calibration / trans-1,3-Dichloropropene

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

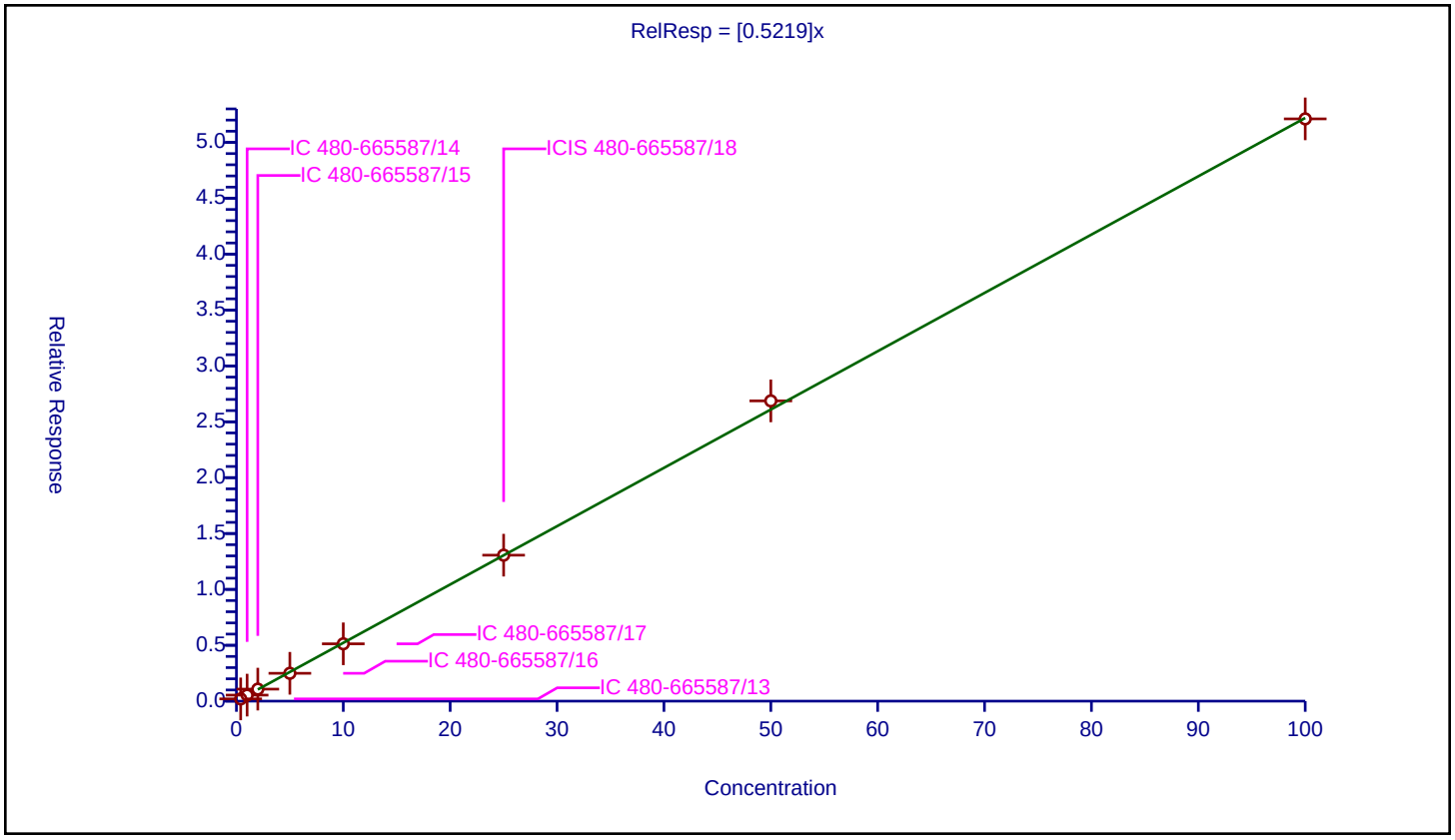
Curve Coefficients

Intercept:	0
Slope:	0.5219

Error Coefficients

Standard Error:	495000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.202028	25.0	602640.0	0.505069	Y
2	IC 480-665587/14	1.0	0.539872	25.0	570413.0	0.539872	Y
3	IC 480-665587/15	2.0	1.075317	25.0	597033.0	0.537659	Y
4	IC 480-665587/16	5.0	2.493033	25.0	611093.0	0.498607	Y
5	IC 480-665587/17	10.0	5.129971	25.0	591631.0	0.512997	Y
6	ICIS 480-665587/18	25.0	13.061997	25.0	571333.0	0.52248	Y
7	IC 480-665587/19	50.0	26.870267	25.0	555295.0	0.537405	Y
8	IC 480-665587/20	100.0	52.105375	25.0	537137.0	0.521054	Y



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Calibration / Ethyl methacrylate

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

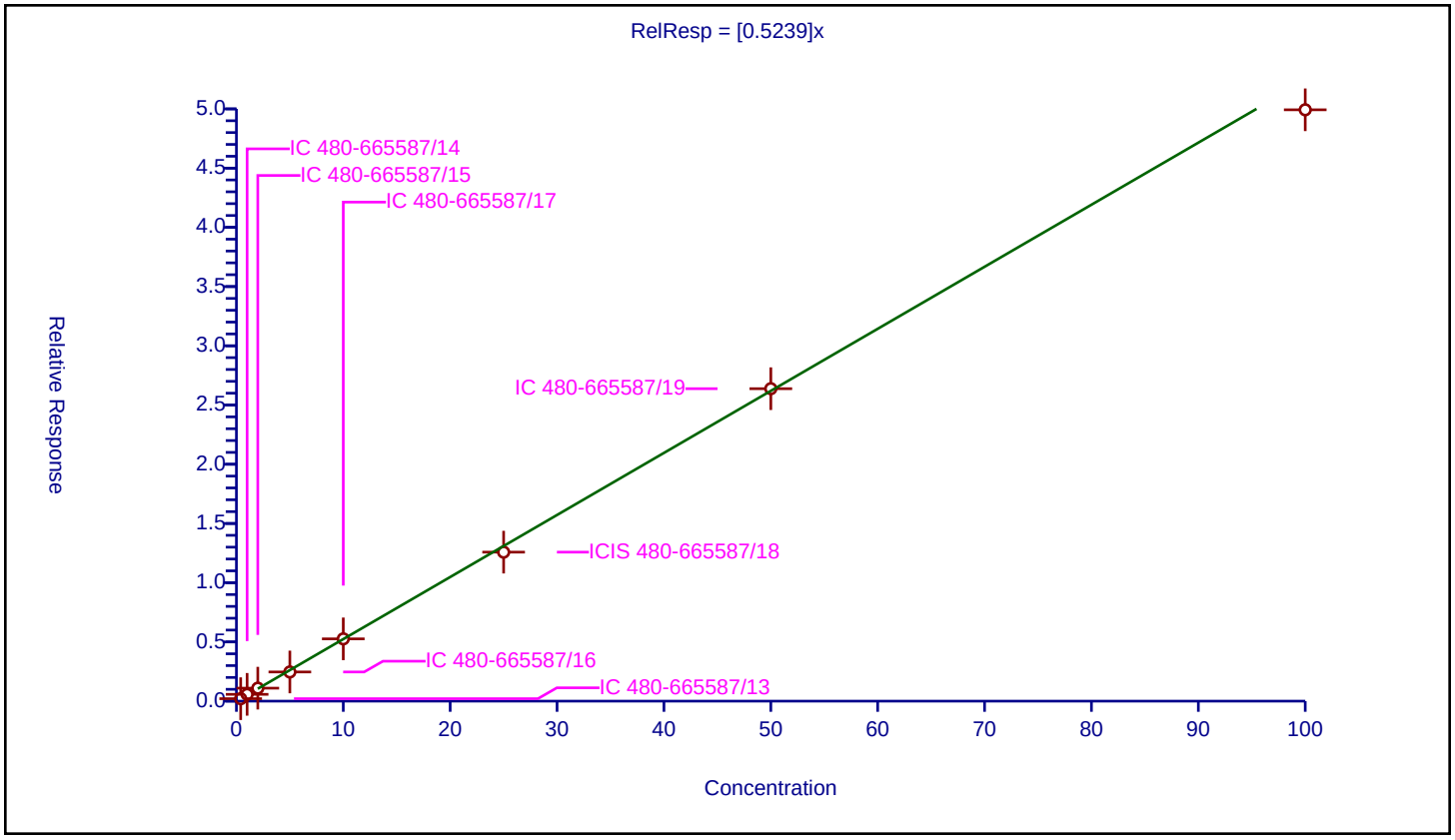
Curve Coefficients

Intercept:	0
Slope:	0.5239

Error Coefficients

Standard Error:	478000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.207753	25.0	602640.0	0.519381	Y
2	IC 480-665587/14	1.0	0.574847	25.0	570413.0	0.574847	Y
3	IC 480-665587/15	2.0	1.096212	25.0	597033.0	0.548106	Y
4	IC 480-665587/16	5.0	2.464273	25.0	611093.0	0.492855	Y
5	IC 480-665587/17	10.0	5.258641	25.0	591631.0	0.525864	Y
6	ICIS 480-665587/18	25.0	12.578523	25.0	571333.0	0.503141	Y
7	IC 480-665587/19	50.0	26.378637	25.0	555295.0	0.527573	Y
8	IC 480-665587/20	100.0	49.923623	25.0	537137.0	0.499236	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

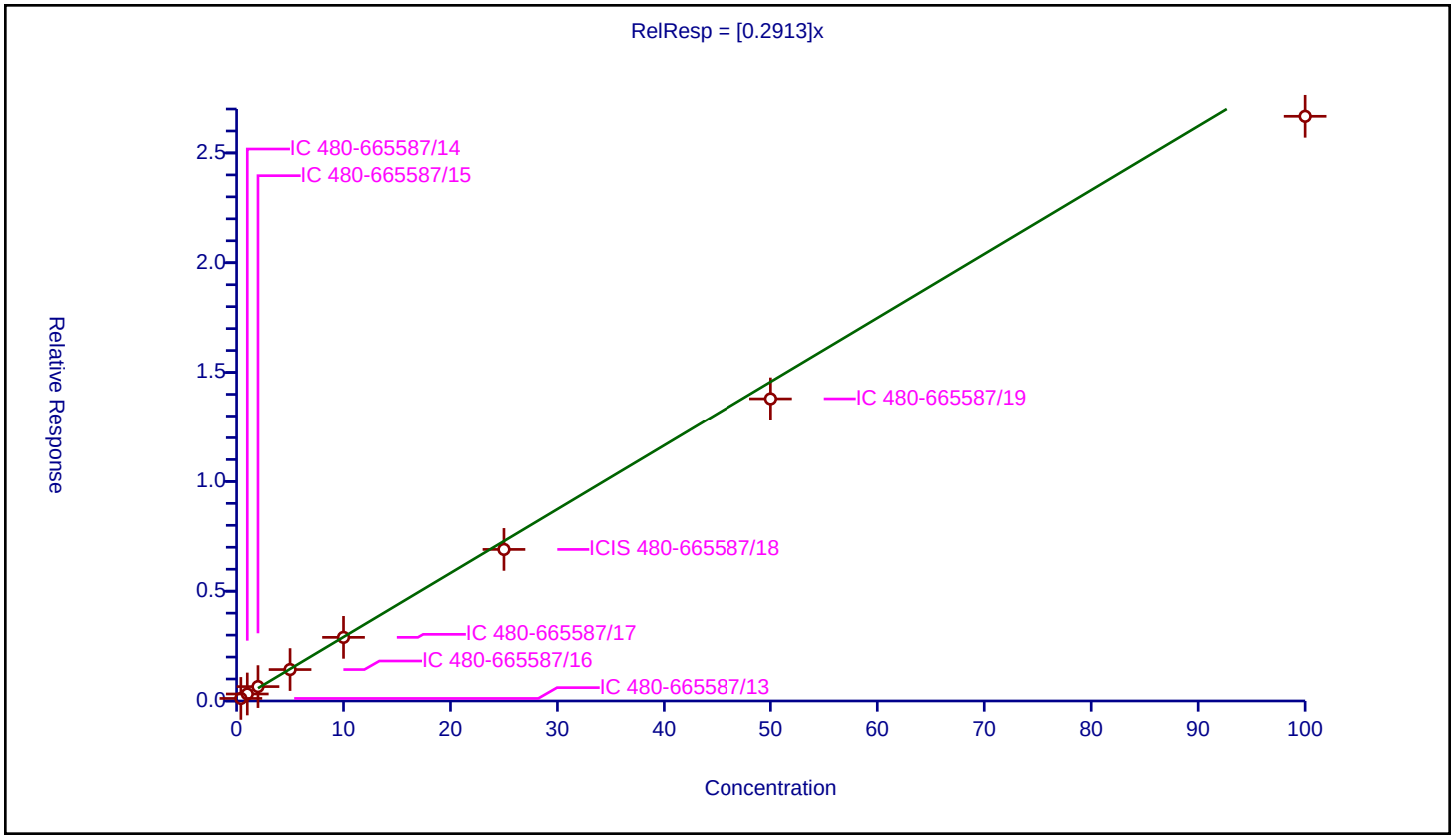
Curve Coefficients

Intercept:	0
Slope:	0.2913

Error Coefficients

Standard Error:	254000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.116156	25.0	602640.0	0.290389	Y
2	IC 480-665587/14	1.0	0.318322	25.0	570413.0	0.318322	Y
3	IC 480-665587/15	2.0	0.655073	25.0	597033.0	0.327536	Y
4	IC 480-665587/16	5.0	1.430715	25.0	611093.0	0.286143	Y
5	IC 480-665587/17	10.0	2.897118	25.0	591631.0	0.289712	Y
6	ICIS 480-665587/18	25.0	6.902323	25.0	571333.0	0.276093	Y
7	IC 480-665587/19	50.0	13.79465	25.0	555295.0	0.275893	Y
8	IC 480-665587/20	100.0	26.66815	25.0	537137.0	0.266681	Y



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Calibration / Tetrachloroethene

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

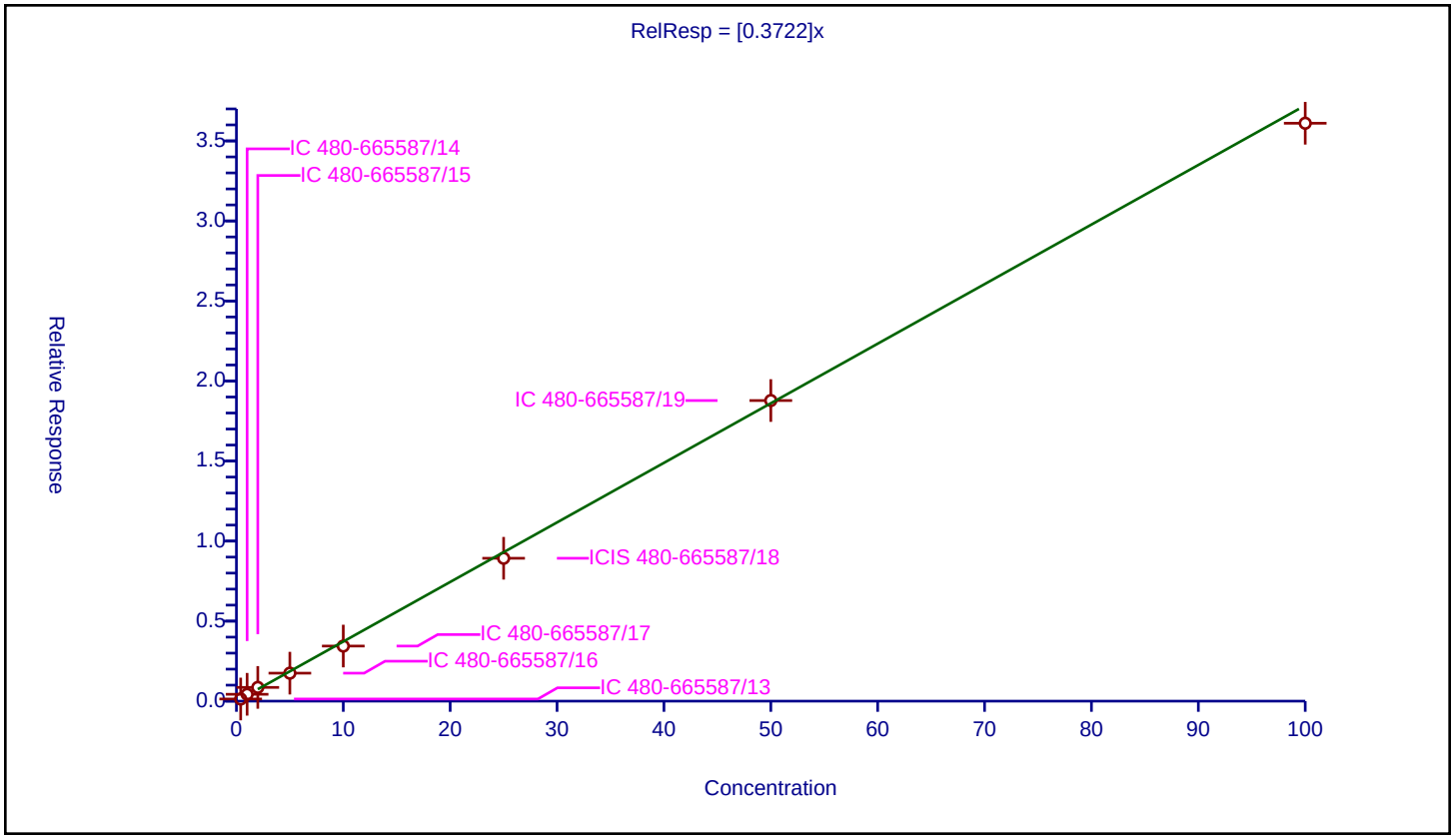
Curve Coefficients

Intercept:	0
Slope:	0.3722

Error Coefficients

Standard Error:	344000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.133164	25.0	602640.0	0.33291	Y
2	IC 480-665587/14	1.0	0.428155	25.0	570413.0	0.428155	Y
3	IC 480-665587/15	2.0	0.857616	25.0	597033.0	0.428808	Y
4	IC 480-665587/16	5.0	1.748711	25.0	611093.0	0.349742	Y
5	IC 480-665587/17	10.0	3.440996	25.0	591631.0	0.3441	Y
6	ICIS 480-665587/18	25.0	8.92623	25.0	571333.0	0.357049	Y
7	IC 480-665587/19	50.0	18.779883	25.0	555295.0	0.375598	Y
8	IC 480-665587/20	100.0	36.102661	25.0	537137.0	0.361027	Y



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Calibration / 1,3-Dichloropropane

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

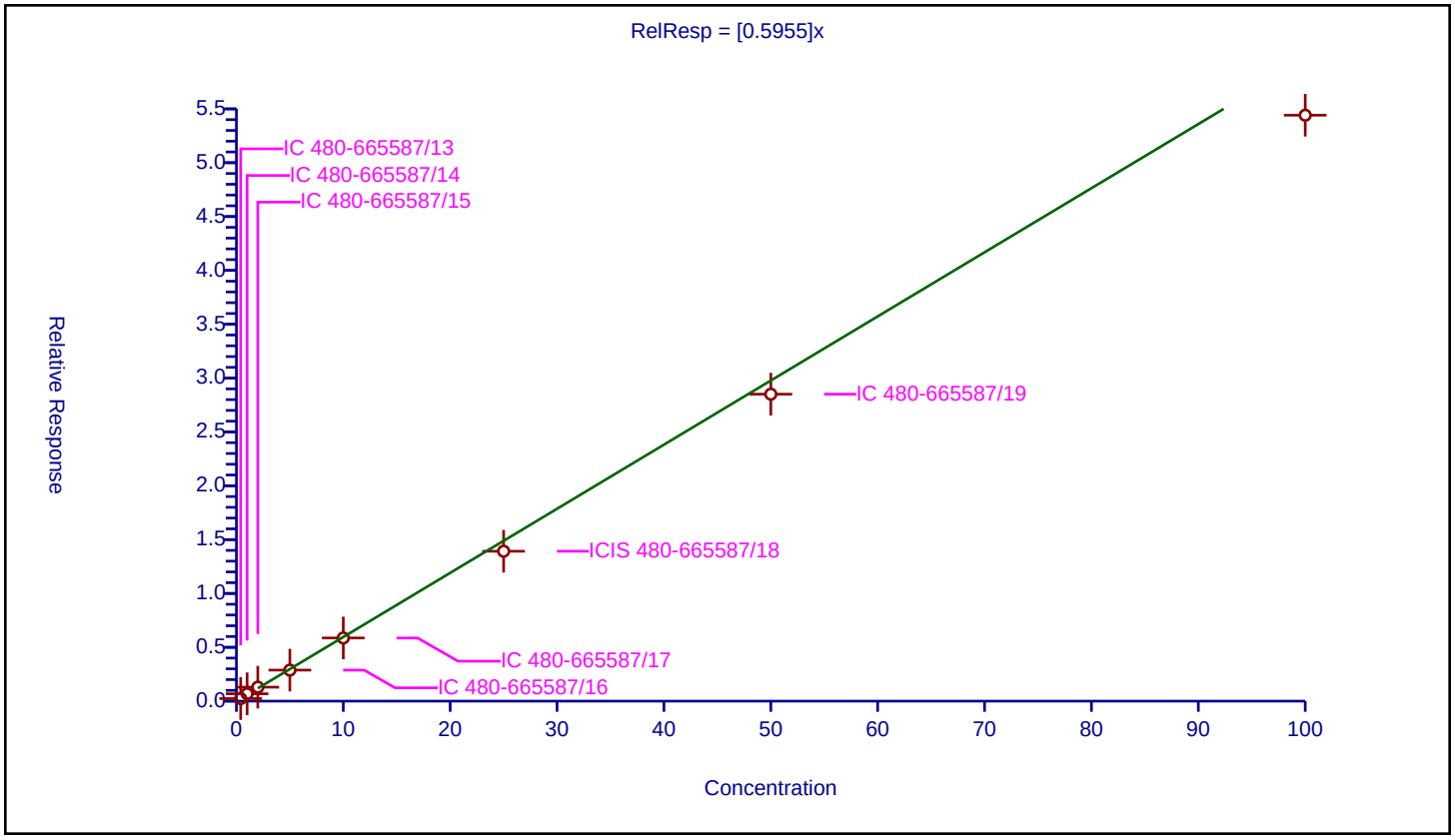
Curve Coefficients

Intercept:	0
Slope:	0.5955

Error Coefficients

Standard Error:	520000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.238741	25.0	602640.0	0.596853	Y
2	IC 480-665587/14	1.0	0.68354	25.0	570413.0	0.68354	Y
3	IC 480-665587/15	2.0	1.298337	25.0	597033.0	0.649168	Y
4	IC 480-665587/16	5.0	2.882008	25.0	611093.0	0.576402	Y
5	IC 480-665587/17	10.0	5.865818	25.0	591631.0	0.586582	Y
6	ICIS 480-665587/18	25.0	13.920778	25.0	571333.0	0.556831	Y
7	IC 480-665587/19	50.0	28.507415	25.0	555295.0	0.570148	Y
8	IC 480-665587/20	100.0	54.413446	25.0	537137.0	0.544134	Y



Calibration / 2-Hexanone

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

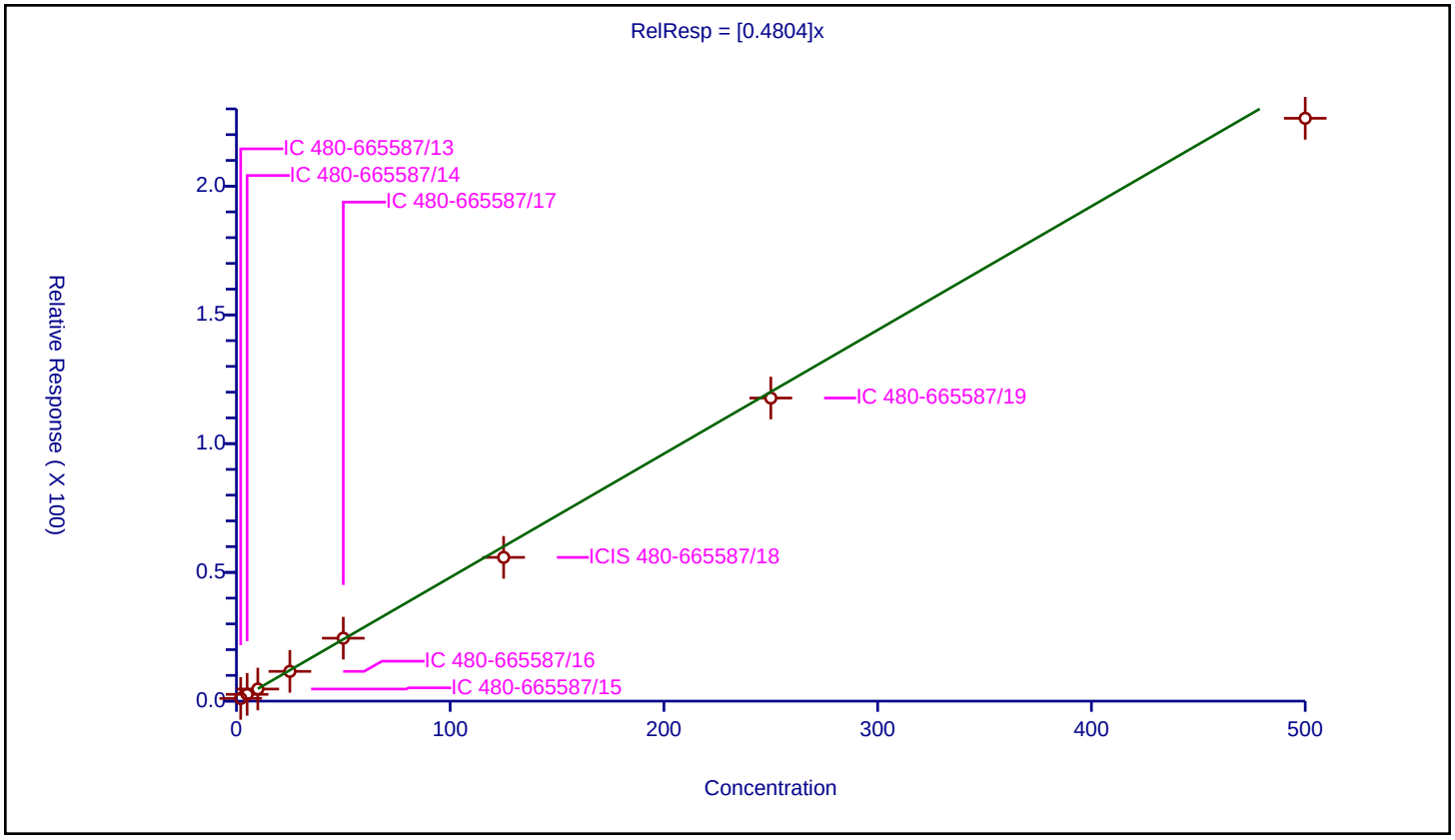
Curve Coefficients

Intercept:	0
Slope:	0.4804

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	2.0	1.048512	25.0	602640.0	0.524256	Y
2	IC 480-665587/14	5.0	2.636248	25.0	570413.0	0.52725	Y
3	IC 480-665587/15	10.0	4.706021	25.0	597033.0	0.470602	Y
4	IC 480-665587/16	25.0	11.558552	25.0	611093.0	0.462342	Y
5	IC 480-665587/17	50.0	24.446361	25.0	591631.0	0.488927	Y
6	ICIS 480-665587/18	125.0	55.832763	25.0	571333.0	0.446662	Y
7	IC 480-665587/19	250.0	117.713648	25.0	555295.0	0.470855	Y
8	IC 480-665587/20	500.0	226.343652	25.0	537137.0	0.452687	Y



Calibration / Chlorodibromomethane

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

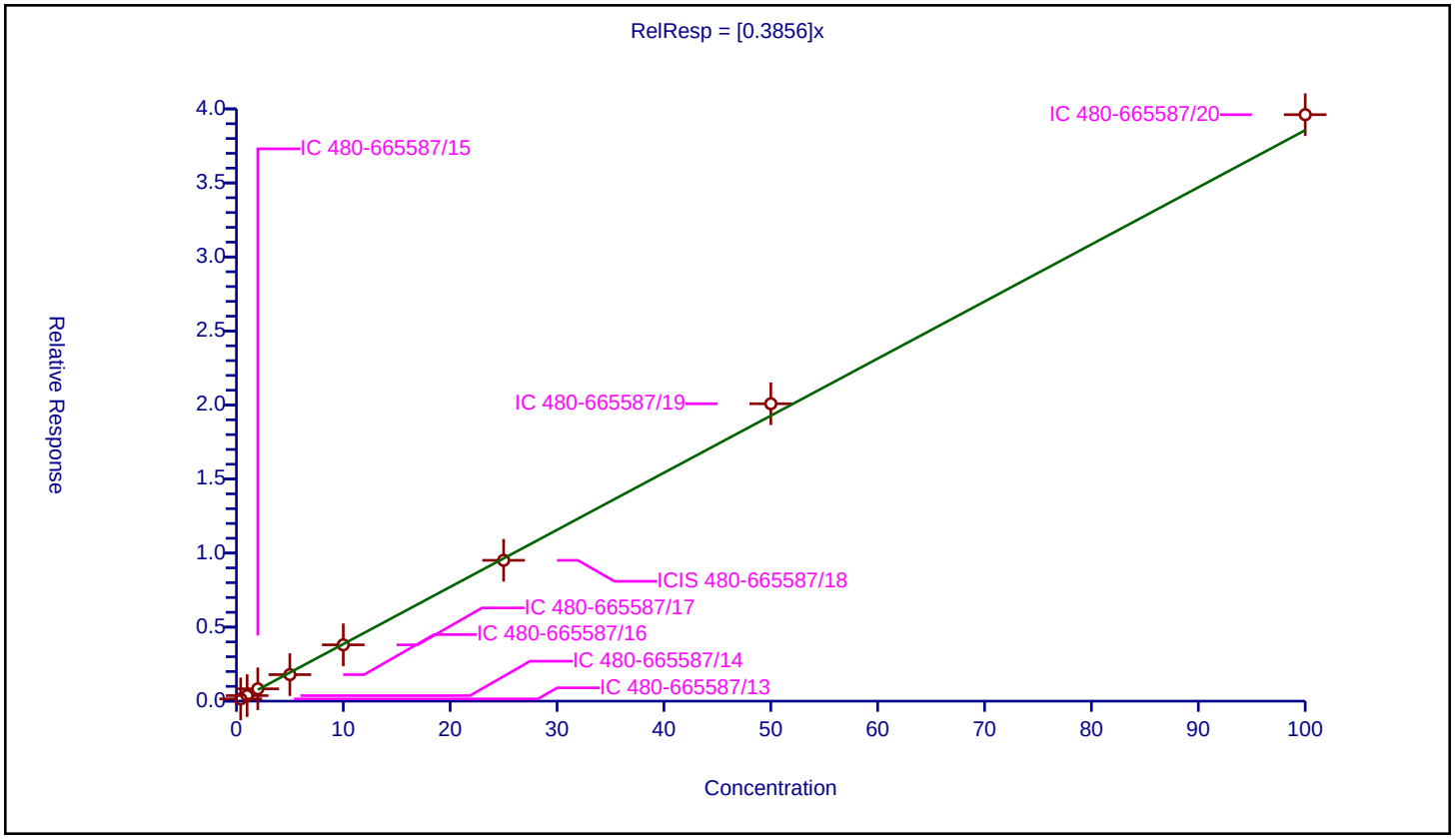
Curve Coefficients

Intercept:	0
Slope:	0.3856

Error Coefficients

Standard Error:	374000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.151293	25.0	602640.0	0.378232	Y
2	IC 480-665587/14	1.0	0.373808	25.0	570413.0	0.373808	Y
3	IC 480-665587/15	2.0	0.832073	25.0	597033.0	0.416036	Y
4	IC 480-665587/16	5.0	1.789867	25.0	611093.0	0.357973	Y
5	IC 480-665587/17	10.0	3.80368	25.0	591631.0	0.380368	Y
6	ICIS 480-665587/18	25.0	9.511178	25.0	571333.0	0.380447	Y
7	IC 480-665587/19	50.0	20.087251	25.0	555295.0	0.401745	Y
8	IC 480-665587/20	100.0	39.608936	25.0	537137.0	0.396089	Y



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Calibration / Ethylene Dibromide

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

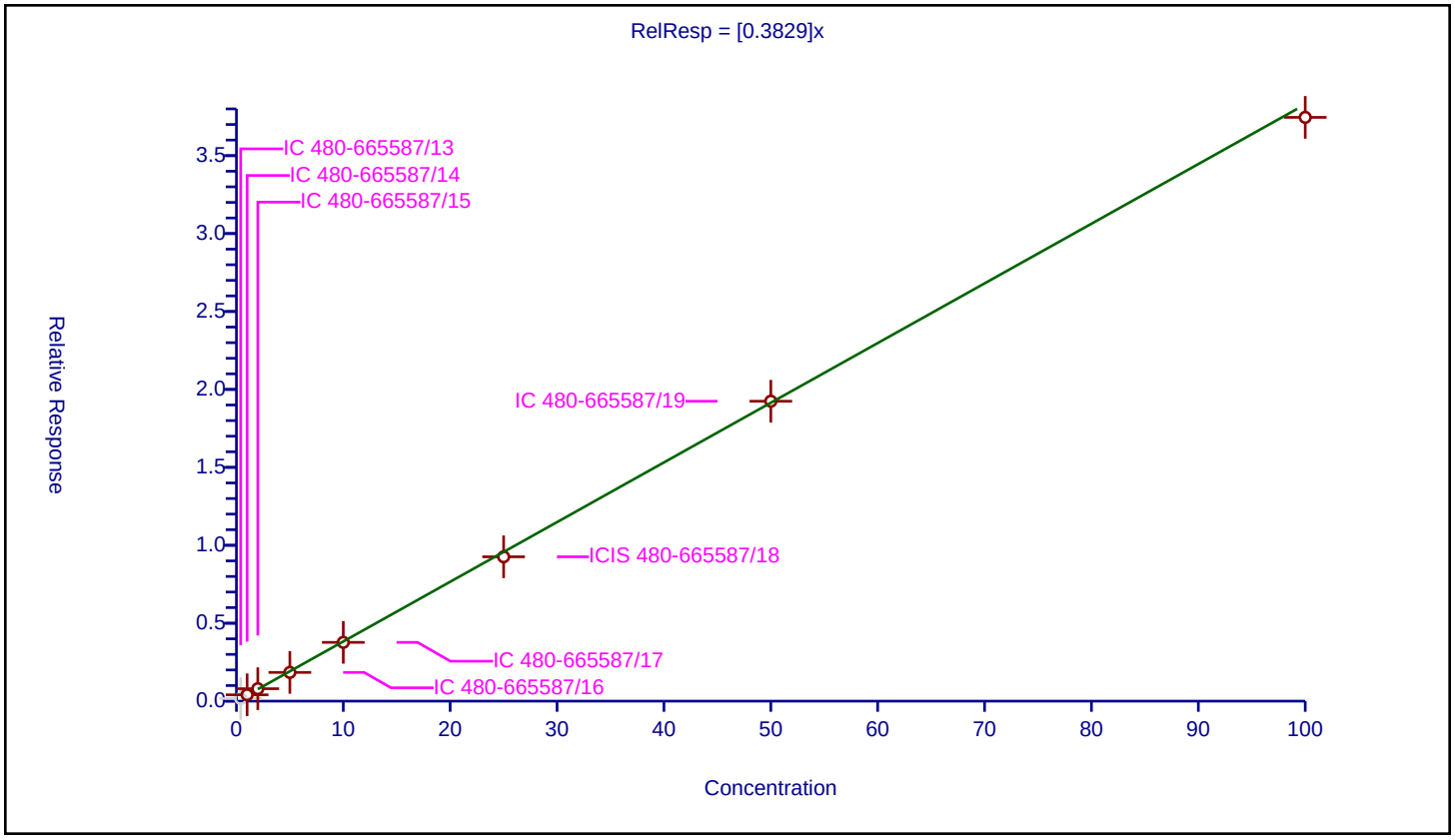
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Standard Error:	384000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.172698	25.0	602640.0	0.431746	N
2	IC 480-665587/14	1.0	0.406197	25.0	570413.0	0.406197	Y
3	IC 480-665587/15	2.0	0.797443	25.0	597033.0	0.398722	Y
4	IC 480-665587/16	5.0	1.842232	25.0	611093.0	0.368446	Y
5	IC 480-665587/17	10.0	3.770593	25.0	591631.0	0.377059	Y
6	ICIS 480-665587/18	25.0	9.260624	25.0	571333.0	0.370425	Y
7	IC 480-665587/19	50.0	19.243645	25.0	555295.0	0.384873	Y
8	IC 480-665587/20	100.0	37.457343	25.0	537137.0	0.374573	Y



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Calibration / Chlorobenzene

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

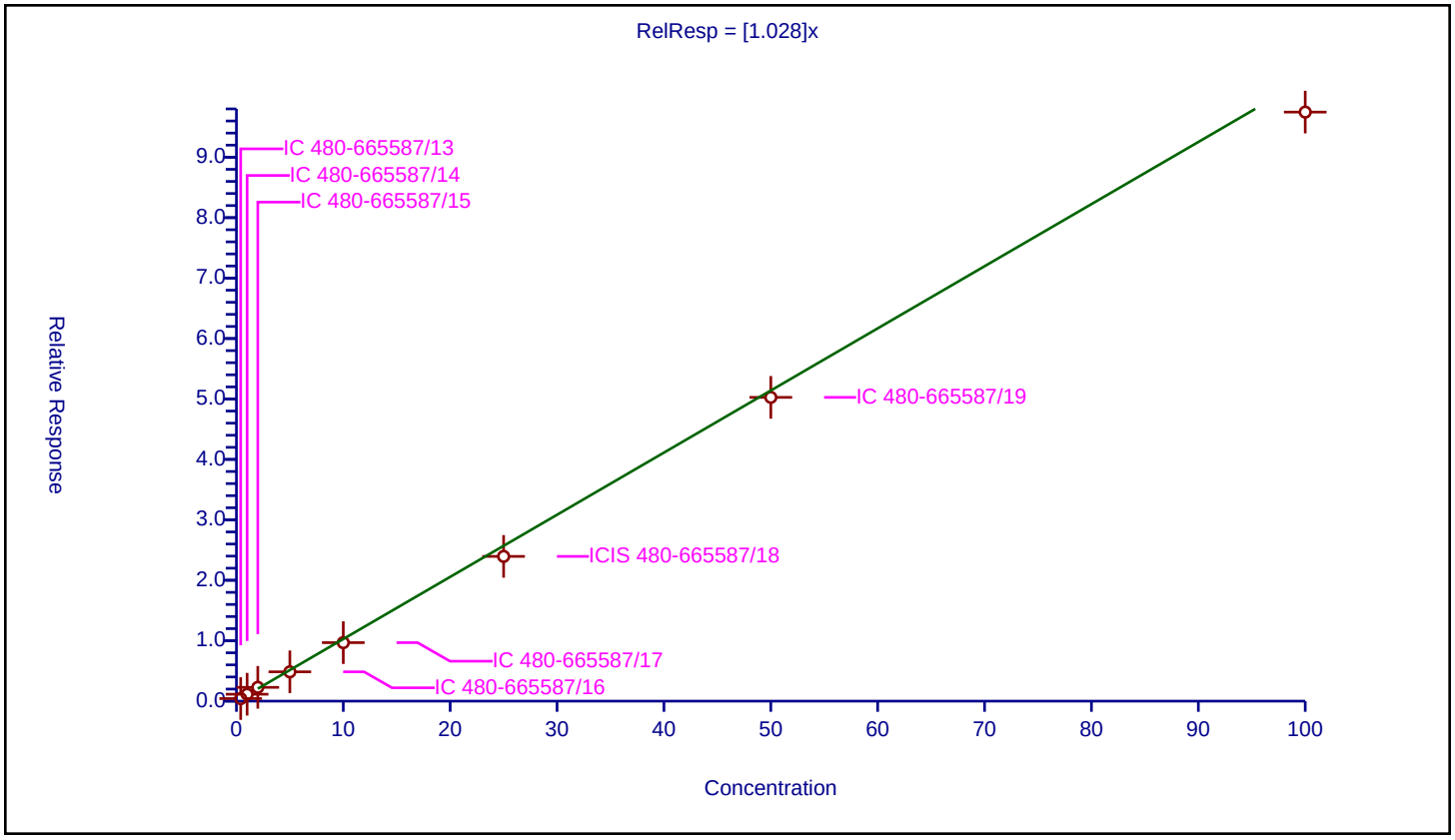
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	926000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.425669	25.0	602640.0	1.064172	Y
2	IC 480-665587/14	1.0	1.14347	25.0	570413.0	1.14347	Y
3	IC 480-665587/15	2.0	2.281365	25.0	597033.0	1.140682	Y
4	IC 480-665587/16	5.0	4.849385	25.0	611093.0	0.969877	Y
5	IC 480-665587/17	10.0	9.681795	25.0	591631.0	0.968179	Y
6	ICIS 480-665587/18	25.0	23.948774	25.0	571333.0	0.957951	Y
7	IC 480-665587/19	50.0	50.265805	25.0	555295.0	1.005316	Y
8	IC 480-665587/20	100.0	97.469314	25.0	537137.0	0.974693	Y



Calibration / Ethylbenzene

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

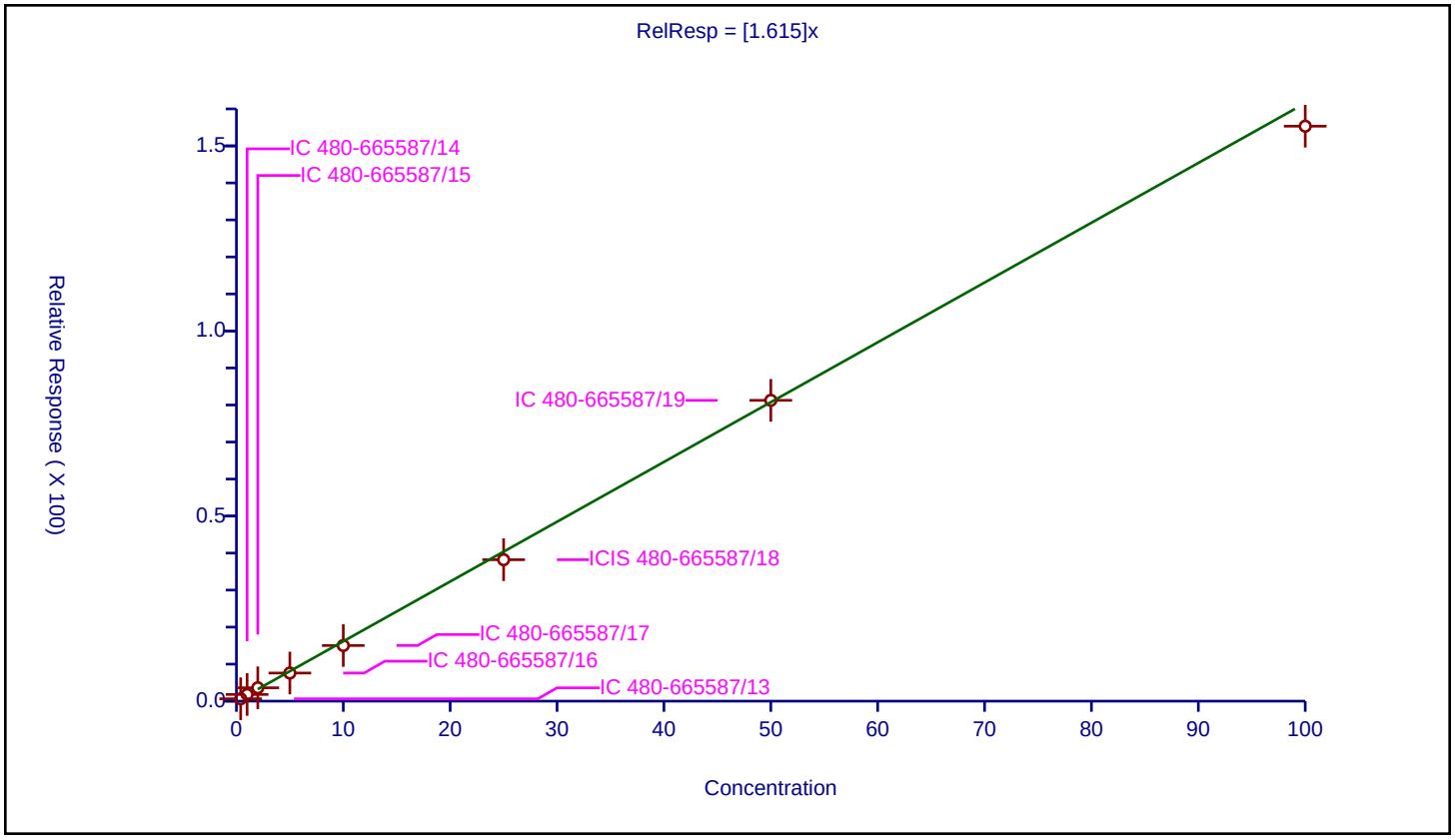
Curve Coefficients

Intercept:	0
Slope:	1.615

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.634541	25.0	602640.0	1.586353	Y
2	IC 480-665587/14	1.0	1.805359	25.0	570413.0	1.805359	Y
3	IC 480-665587/15	2.0	3.608218	25.0	597033.0	1.804109	Y
4	IC 480-665587/16	5.0	7.594057	25.0	611093.0	1.518811	Y
5	IC 480-665587/17	10.0	15.024356	25.0	591631.0	1.502436	Y
6	ICIS 480-665587/18	25.0	38.204952	25.0	571333.0	1.528198	Y
7	IC 480-665587/19	50.0	81.267795	25.0	555295.0	1.625356	Y
8	IC 480-665587/20	100.0	155.325364	25.0	537137.0	1.553254	Y



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Calibration / 1,1,1,2-Tetrachloroethane

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

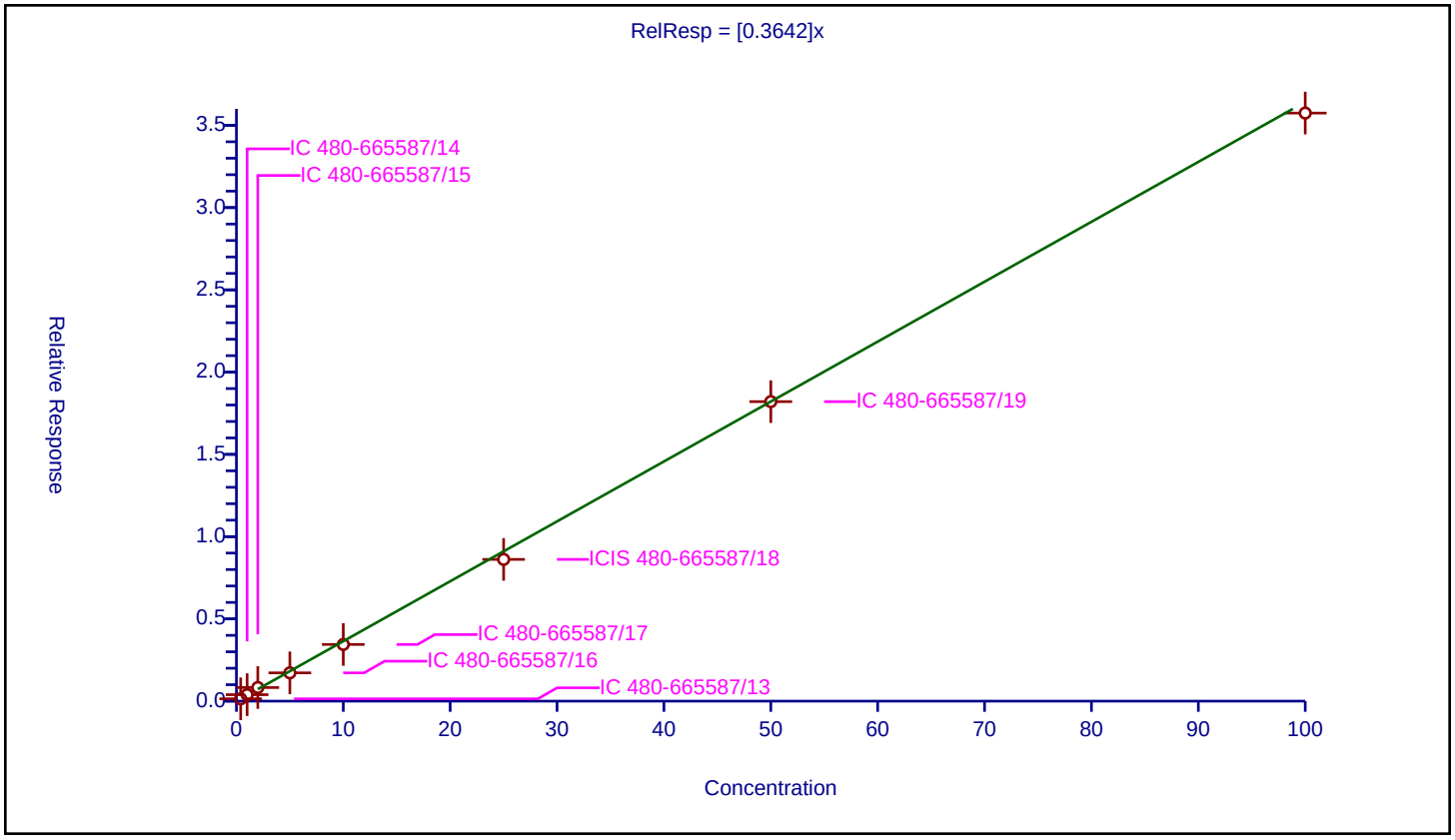
Curve Coefficients

Intercept:	0
Slope:	0.3642

Error Coefficients

Standard Error:	338000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.14088	25.0	602640.0	0.3522	Y
2	IC 480-665587/14	1.0	0.393312	25.0	570413.0	0.393312	Y
3	IC 480-665587/15	2.0	0.826964	25.0	597033.0	0.413482	Y
4	IC 480-665587/16	5.0	1.718846	25.0	611093.0	0.343769	Y
5	IC 480-665587/17	10.0	3.446194	25.0	591631.0	0.344619	Y
6	ICIS 480-665587/18	25.0	8.61586	25.0	571333.0	0.344634	Y
7	IC 480-665587/19	50.0	18.206494	25.0	555295.0	0.36413	Y
8	IC 480-665587/20	100.0	35.746327	25.0	537137.0	0.357463	Y



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Calibration / m-Xylene & p-Xylene

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

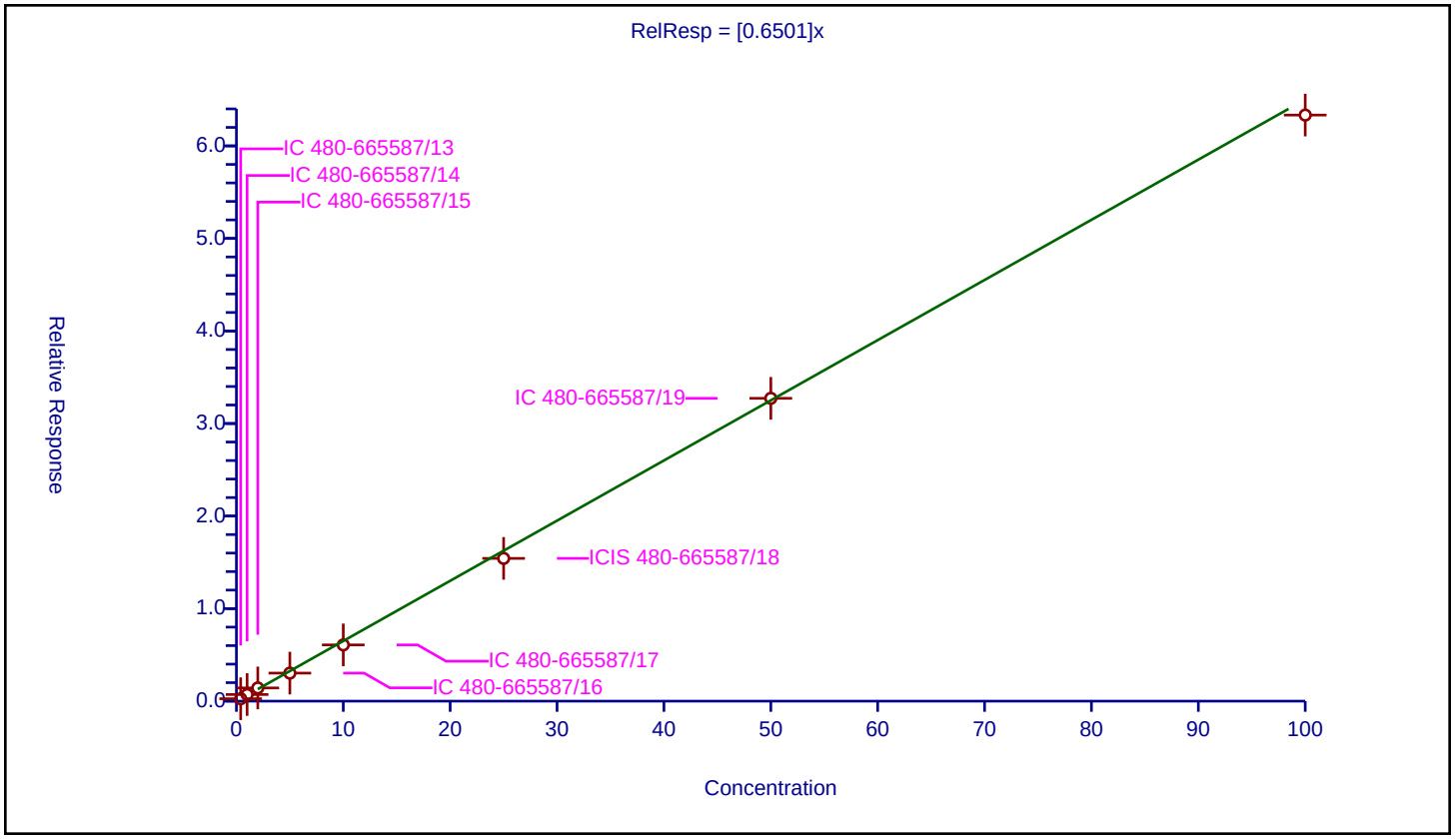
Curve Coefficients

Intercept:	0
Slope:	0.6501

Error Coefficients

Standard Error:	601000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.261309	25.0	602640.0	0.653271	Y
2	IC 480-665587/14	1.0	0.716411	25.0	570413.0	0.716411	Y
3	IC 480-665587/15	2.0	1.42668	25.0	597033.0	0.71334	Y
4	IC 480-665587/16	5.0	3.027853	25.0	611093.0	0.605571	Y
5	IC 480-665587/17	10.0	6.07731	25.0	591631.0	0.607731	Y
6	ICIS 480-665587/18	25.0	15.425242	25.0	571333.0	0.61701	Y
7	IC 480-665587/19	50.0	32.724363	25.0	555295.0	0.654487	Y
8	IC 480-665587/20	100.0	63.332306	25.0	537137.0	0.633323	Y



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Calibration / o-Xylene

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

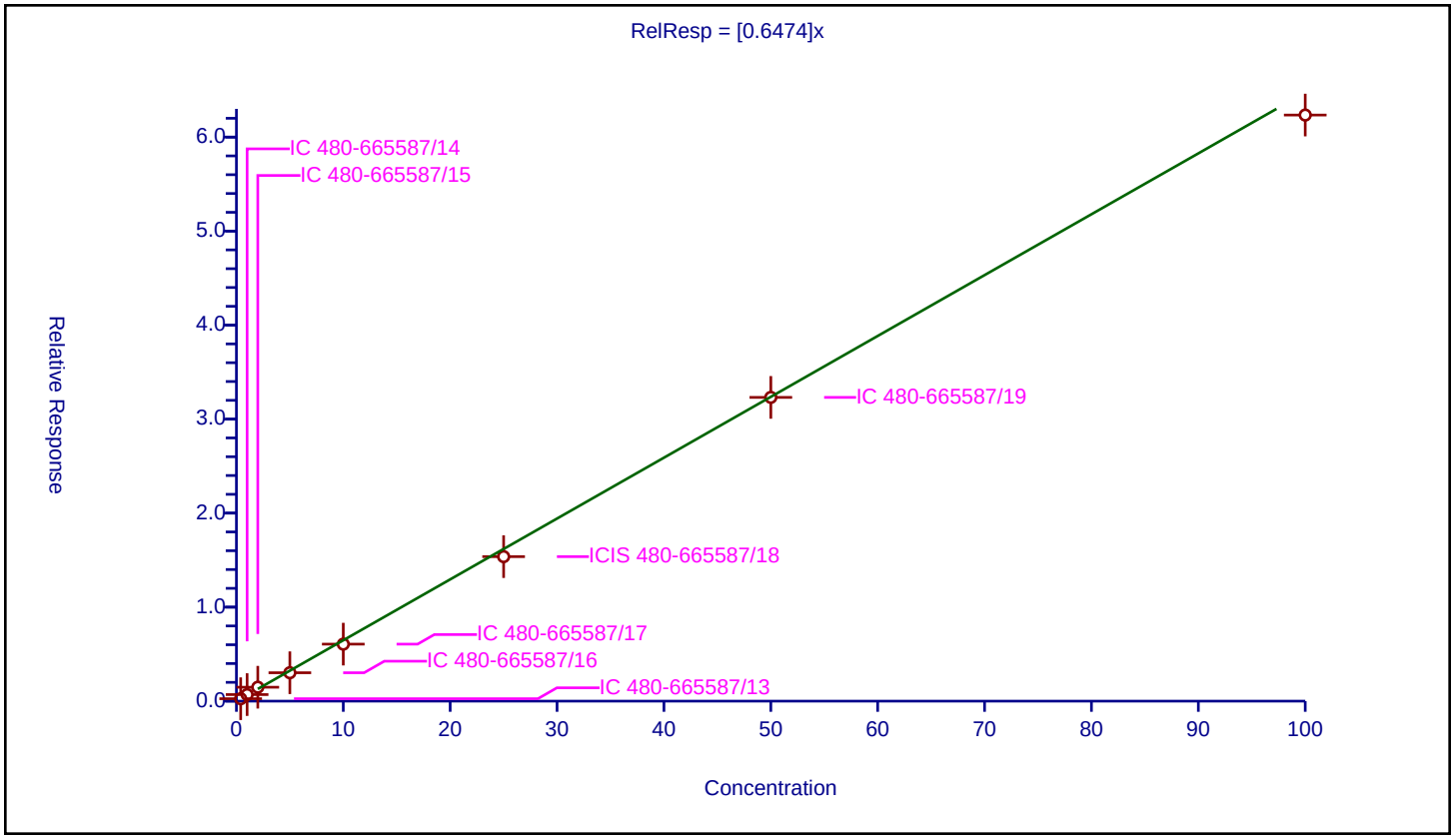
Curve Coefficients

Intercept:	0
Slope:	0.6474

Error Coefficients

Standard Error:	593000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.257907	25.0	602640.0	0.644767	Y
2	IC 480-665587/14	1.0	0.698967	25.0	570413.0	0.698967	Y
3	IC 480-665587/15	2.0	1.48053	25.0	597033.0	0.740265	Y
4	IC 480-665587/16	5.0	3.022044	25.0	611093.0	0.604409	Y
5	IC 480-665587/17	10.0	6.063492	25.0	591631.0	0.606349	Y
6	ICIS 480-665587/18	25.0	15.371115	25.0	571333.0	0.614845	Y
7	IC 480-665587/19	50.0	32.312284	25.0	555295.0	0.646246	Y
8	IC 480-665587/20	100.0	62.34564	25.0	537137.0	0.623456	Y



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Calibration / Styrene

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

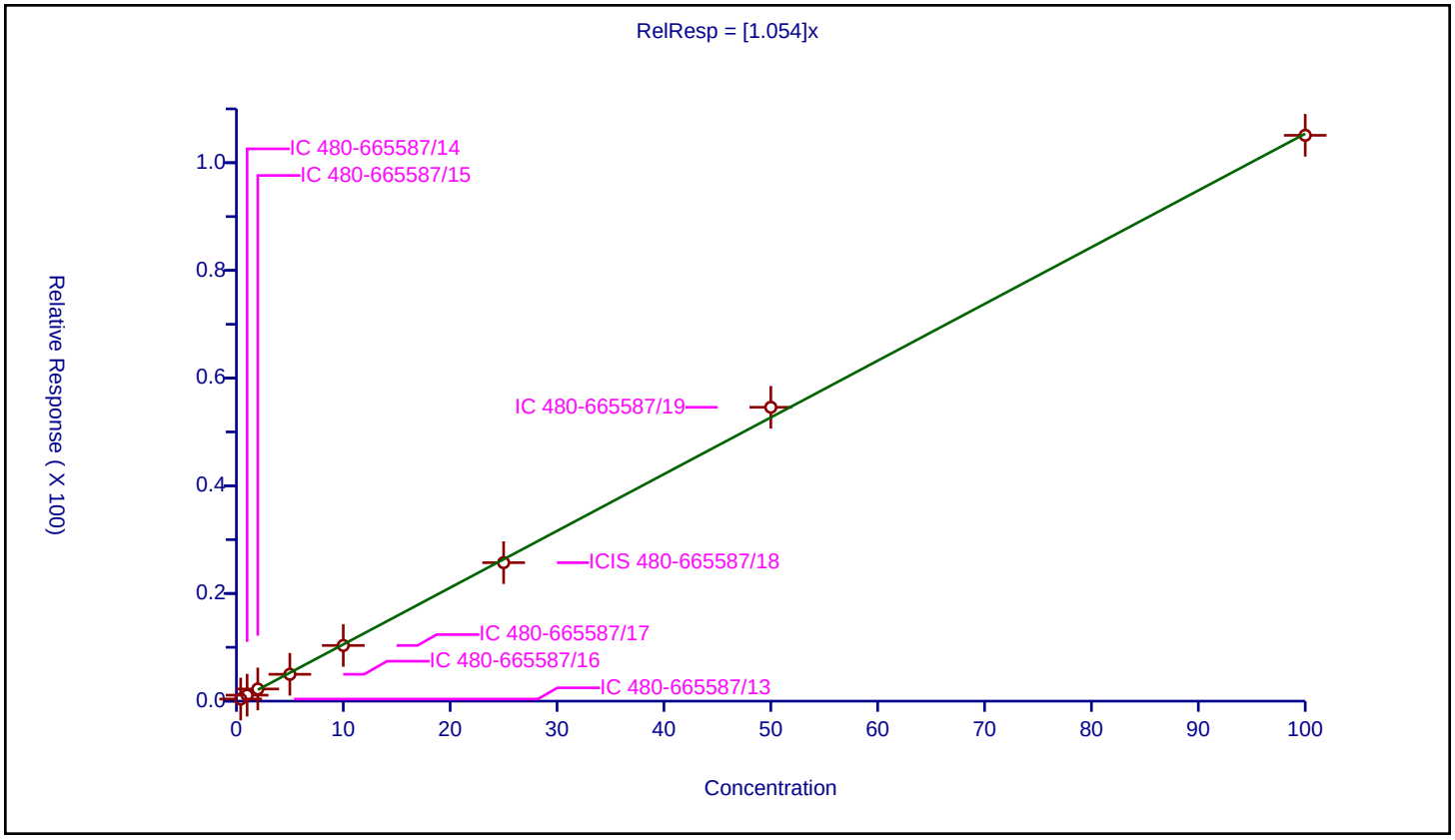
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Standard Error:	999000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.395551	25.0	602640.0	0.988878	Y
2	IC 480-665587/14	1.0	1.110511	25.0	570413.0	1.110511	Y
3	IC 480-665587/15	2.0	2.257245	25.0	597033.0	1.128623	Y
4	IC 480-665587/16	5.0	4.987948	25.0	611093.0	0.99759	Y
5	IC 480-665587/17	10.0	10.339299	25.0	591631.0	1.03393	Y
6	ICIS 480-665587/18	25.0	25.71972	25.0	571333.0	1.028789	Y
7	IC 480-665587/19	50.0	54.579098	25.0	555295.0	1.091582	Y
8	IC 480-665587/20	100.0	105.091206	25.0	537137.0	1.050912	Y



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Calibration / Bromoform

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

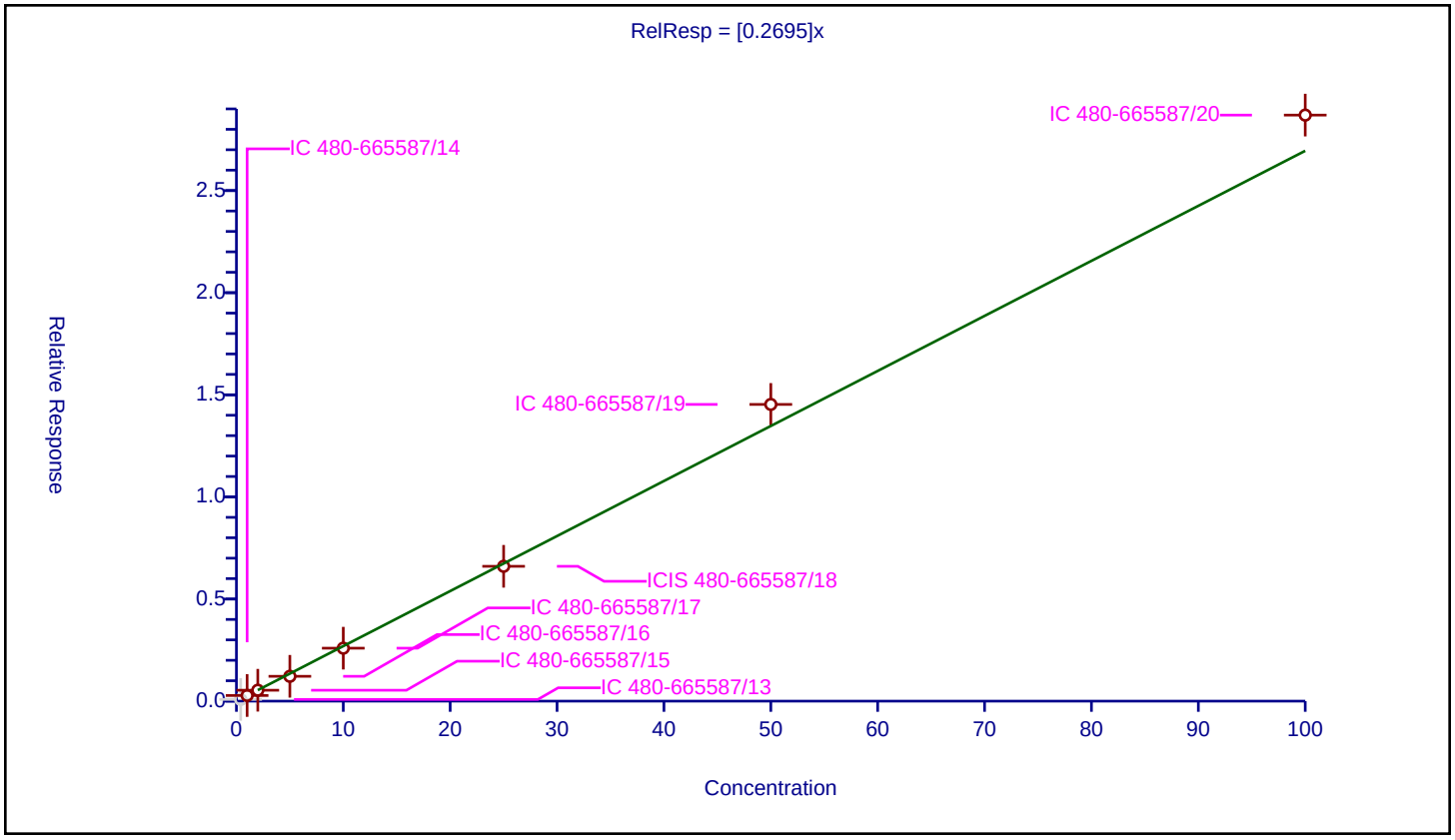
Curve Coefficients

Intercept:	0
Slope:	0.2695

Error Coefficients

Standard Error:	292000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.084503	25.0	602640.0	0.211258	N
2	IC 480-665587/14	1.0	0.275195	25.0	570413.0	0.275195	Y
3	IC 480-665587/15	2.0	0.534016	25.0	597033.0	0.267008	Y
4	IC 480-665587/16	5.0	1.215977	25.0	611093.0	0.243195	Y
5	IC 480-665587/17	10.0	2.593255	25.0	591631.0	0.259325	Y
6	ICIS 480-665587/18	25.0	6.601929	25.0	571333.0	0.264077	Y
7	IC 480-665587/19	50.0	14.529259	25.0	555295.0	0.290585	Y
8	IC 480-665587/20	100.0	28.695845	25.0	537137.0	0.286958	Y



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Calibration / Isopropylbenzene

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

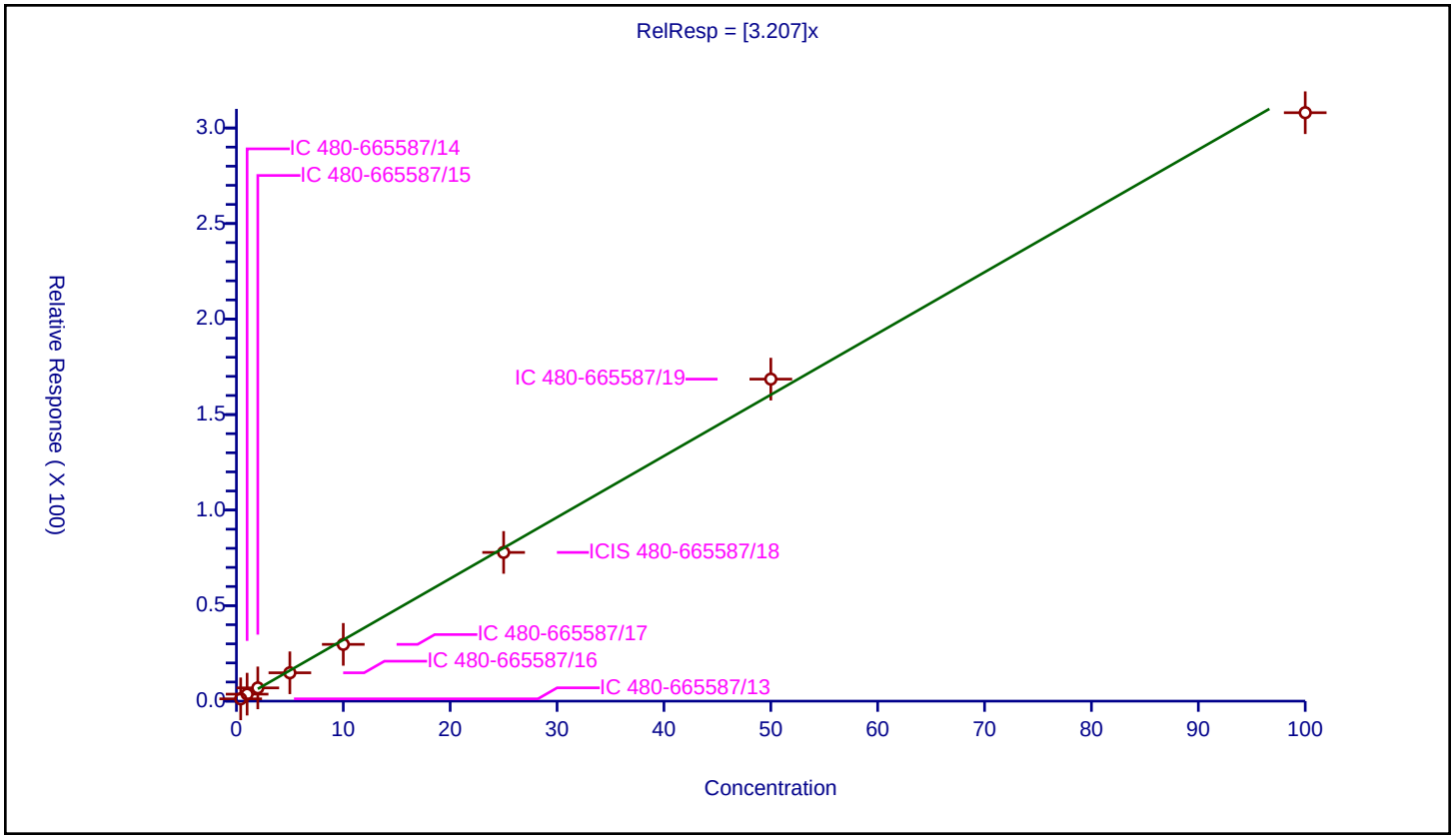
Curve Coefficients

Intercept:	0
Slope:	3.207

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.210574	25.0	314355.0	3.026435	Y
2	IC 480-665587/14	1.0	3.659929	25.0	282485.0	3.659929	Y
3	IC 480-665587/15	2.0	6.939158	25.0	315258.0	3.469579	Y
4	IC 480-665587/16	5.0	14.838443	25.0	316236.0	2.967689	Y
5	IC 480-665587/17	10.0	29.715212	25.0	303120.0	2.971521	Y
6	ICIS 480-665587/18	25.0	77.840266	25.0	284542.0	3.113611	Y
7	IC 480-665587/19	50.0	168.553199	25.0	269467.0	3.371064	Y
8	IC 480-665587/20	100.0	308.009565	25.0	272983.0	3.080096	Y



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Calibration / 4-Bromofluorobenzene (Surr)

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

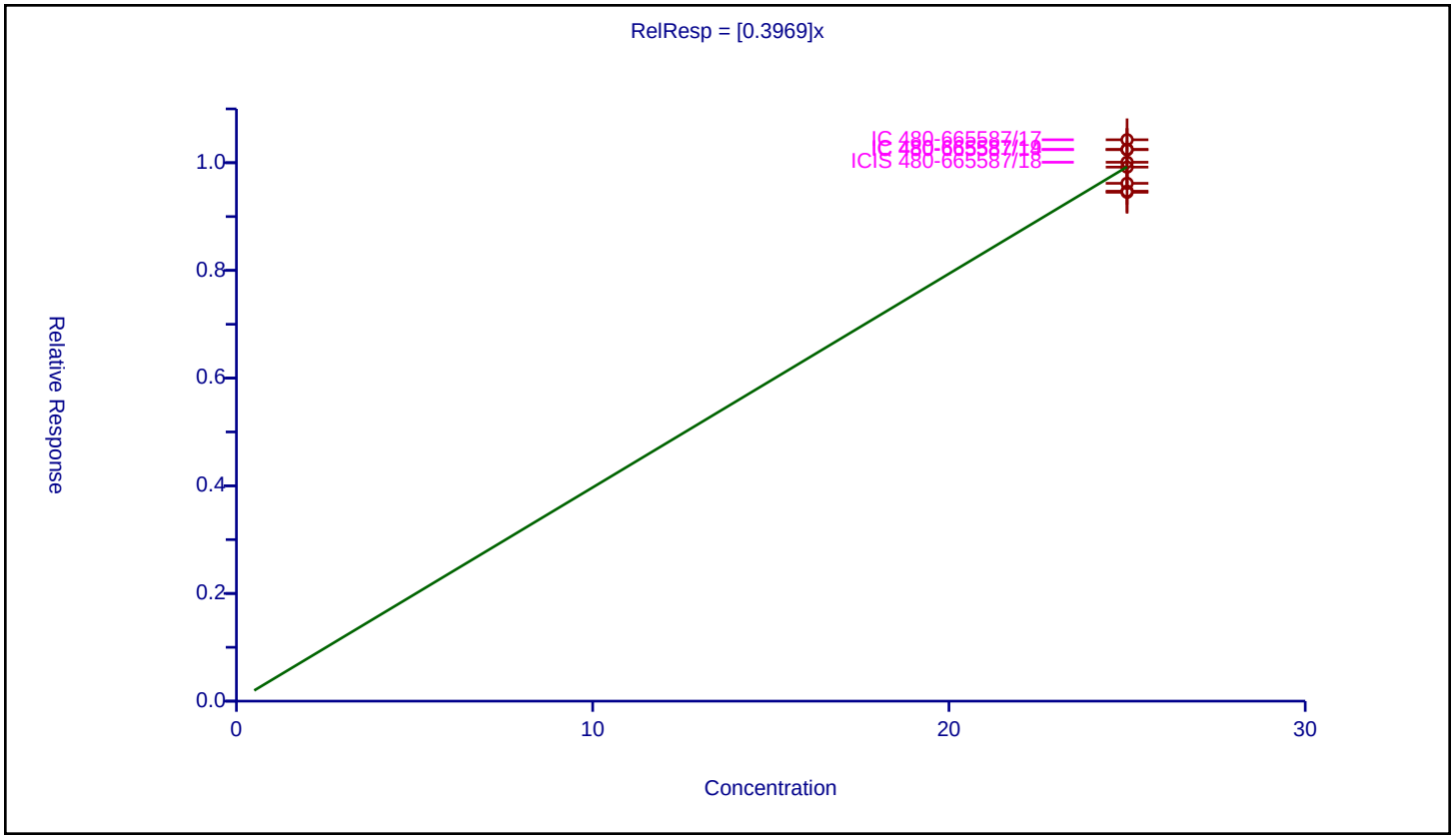
Curve Coefficients

Intercept:	0
Slope:	0.3969

Error Coefficients

Standard Error:	246000
Relative Standard Error:	3.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	25.0	9.918691	25.0	602640.0	0.396748	Y
2	IC 480-665587/14	25.0	10.241921	25.0	570413.0	0.409677	Y
3	IC 480-665587/15	25.0	9.617978	25.0	597033.0	0.384719	Y
4	IC 480-665587/16	25.0	9.451344	25.0	611093.0	0.378054	Y
5	IC 480-665587/17	25.0	10.426516	25.0	591631.0	0.417061	Y
6	ICIS 480-665587/18	25.0	10.009137	25.0	571333.0	0.400365	Y
7	IC 480-665587/19	25.0	10.246986	25.0	555295.0	0.409879	Y
8	IC 480-665587/20	25.0	9.471466	25.0	537137.0	0.378859	Y



Calibration / Bromobenzene

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

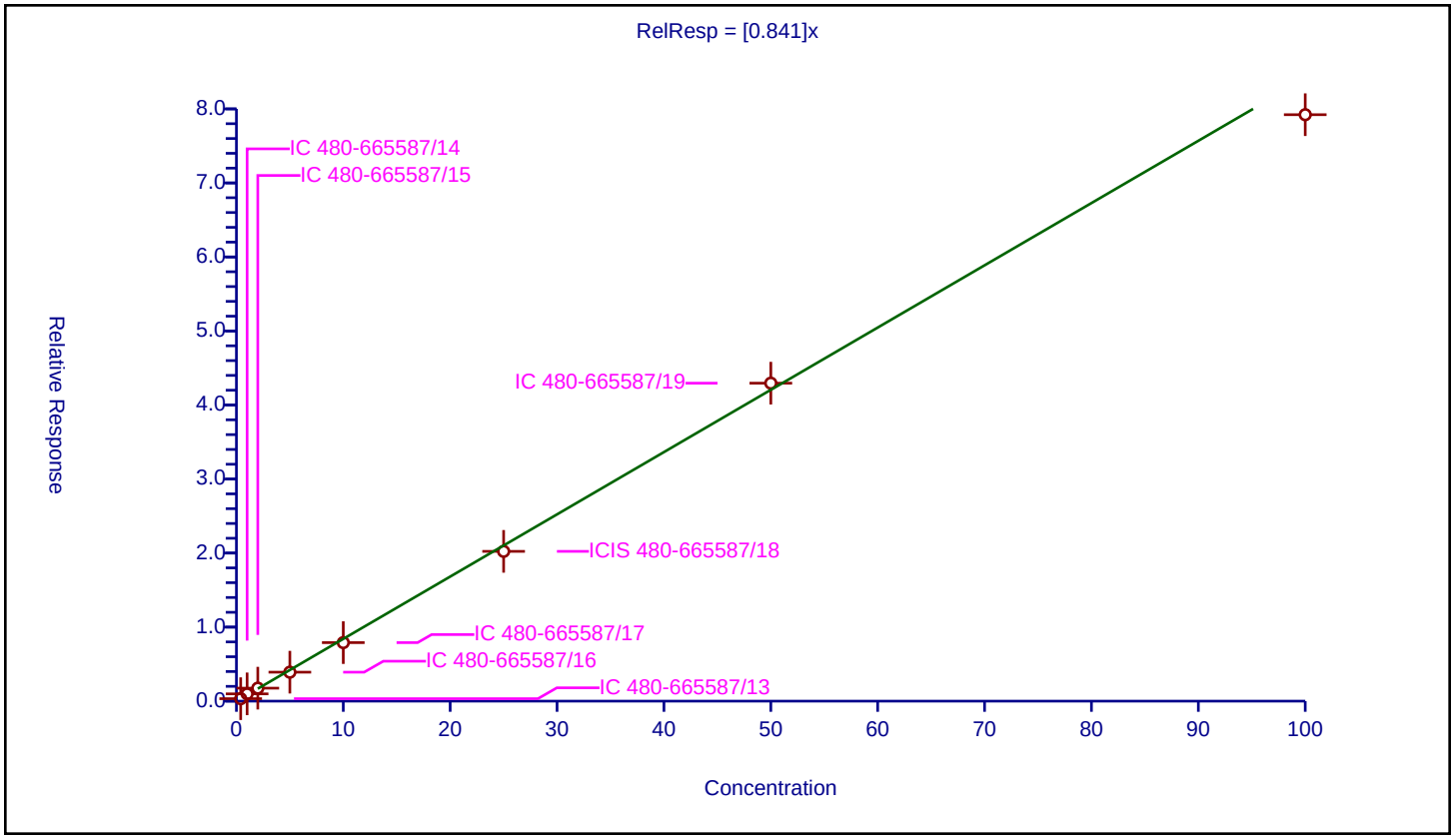
Curve Coefficients

Intercept:	0
Slope:	0.841

Error Coefficients

Standard Error:	383000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.333222	25.0	314355.0	0.833055	Y
2	IC 480-665587/14	1.0	0.983681	25.0	282485.0	0.983681	Y
3	IC 480-665587/15	2.0	1.755229	25.0	315258.0	0.877615	Y
4	IC 480-665587/16	5.0	3.91211	25.0	316236.0	0.782422	Y
5	IC 480-665587/17	10.0	7.907677	25.0	303120.0	0.790768	Y
6	ICIS 480-665587/18	25.0	20.232075	25.0	284542.0	0.809283	Y
7	IC 480-665587/19	50.0	42.951734	25.0	269467.0	0.859035	Y
8	IC 480-665587/20	100.0	79.217112	25.0	272983.0	0.792171	Y



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Calibration / 1,1,2,2-Tetrachloroethane

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

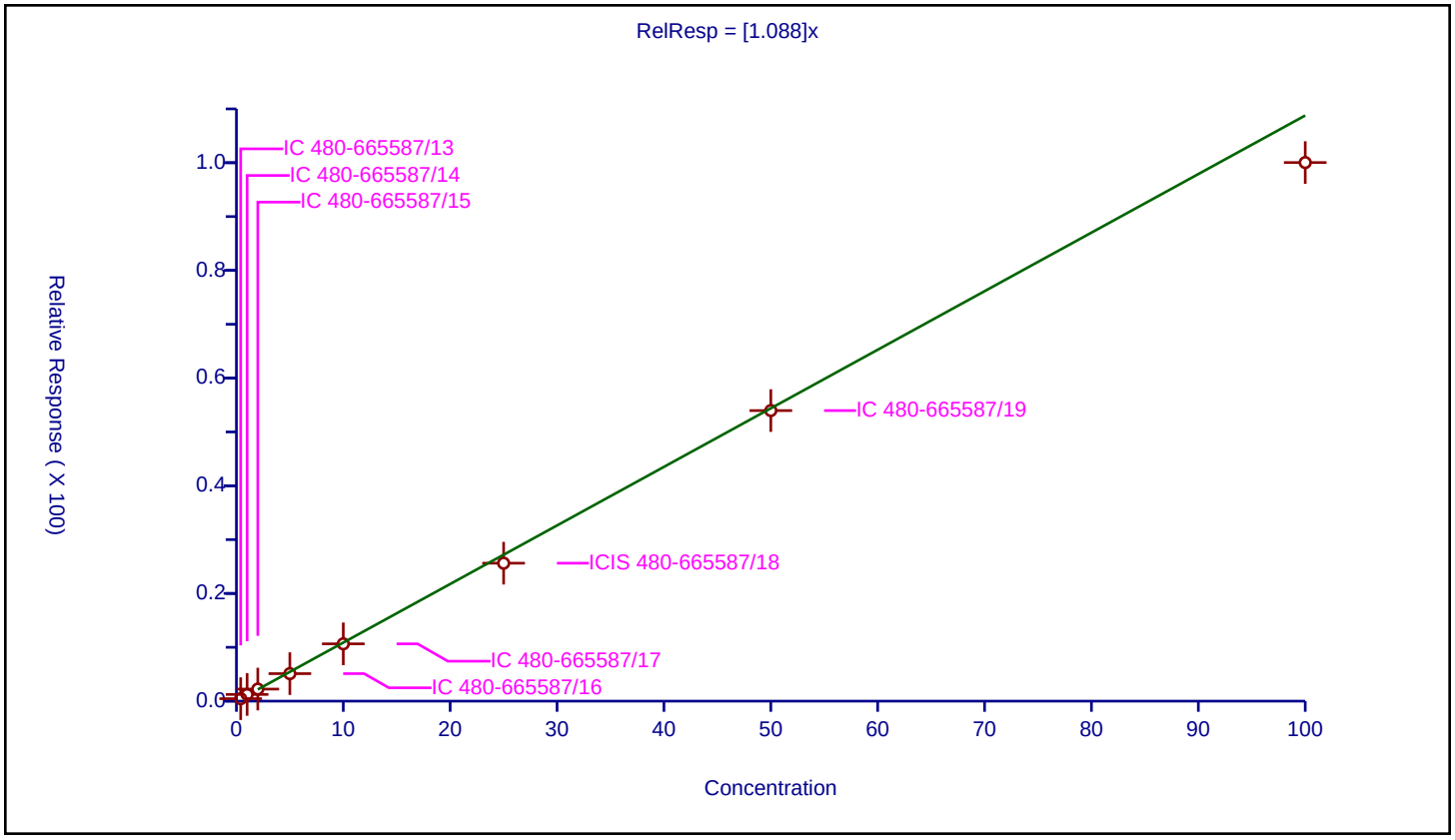
Curve Coefficients

Intercept:	0
Slope:	1.088

Error Coefficients

Standard Error:	484000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.45816	25.0	314355.0	1.145401	Y
2	IC 480-665587/14	1.0	1.246438	25.0	282485.0	1.246438	Y
3	IC 480-665587/15	2.0	2.238246	25.0	315258.0	1.119123	Y
4	IC 480-665587/16	5.0	5.108685	25.0	316236.0	1.021737	Y
5	IC 480-665587/17	10.0	10.645289	25.0	303120.0	1.064529	Y
6	ICIS 480-665587/18	25.0	25.62337	25.0	284542.0	1.024935	Y
7	IC 480-665587/19	50.0	53.965792	25.0	269467.0	1.079316	Y
8	IC 480-665587/20	100.0	100.029947	25.0	272983.0	1.000299	Y



Calibration / N-Propylbenzene

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

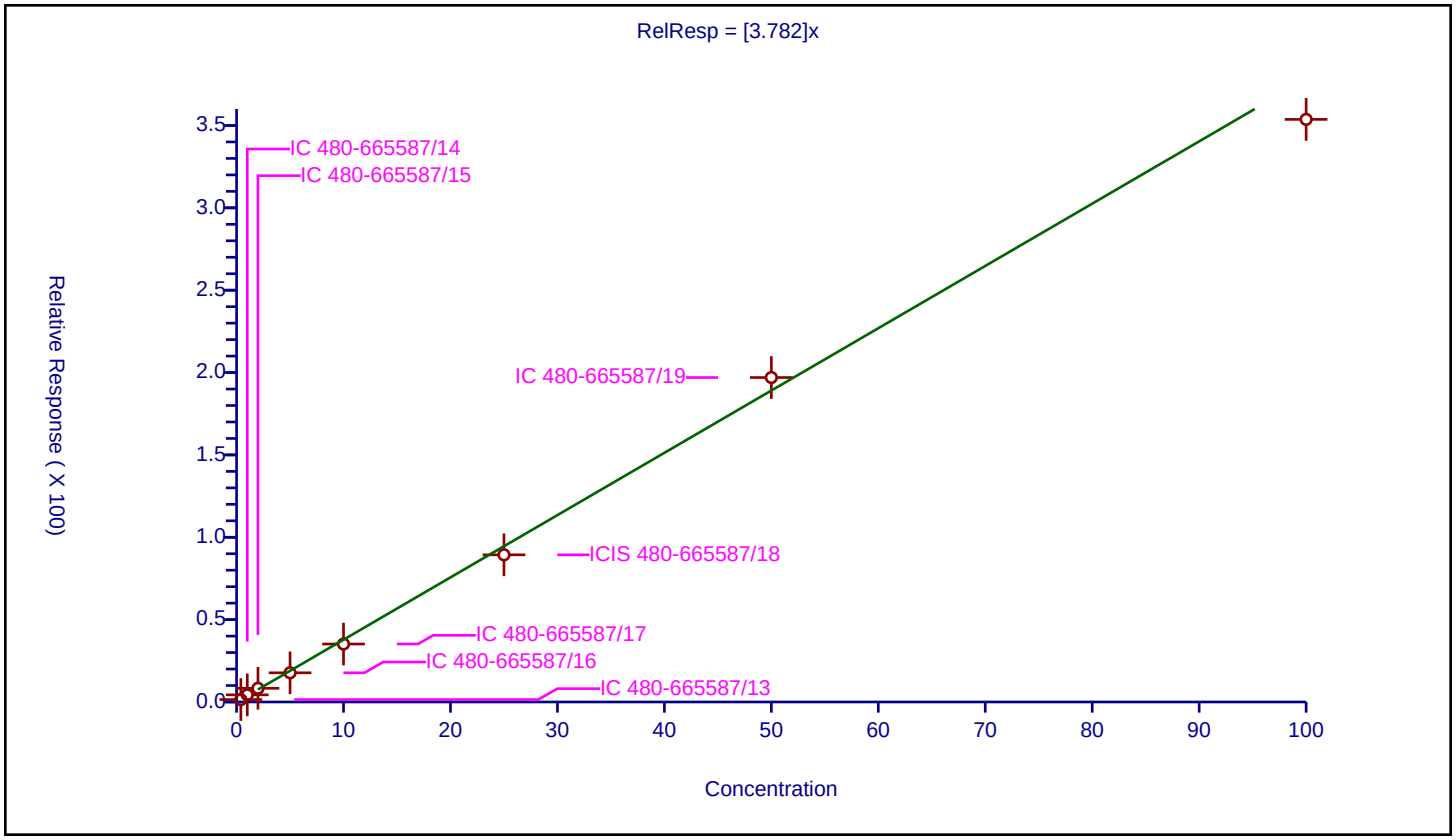
Curve Coefficients

Intercept:	0
Slope:	3.782

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.460053	25.0	314355.0	3.650133	Y
2	IC 480-665587/14	1.0	4.33023	25.0	282485.0	4.33023	Y
3	IC 480-665587/15	2.0	8.320963	25.0	315258.0	4.160481	Y
4	IC 480-665587/16	5.0	17.719678	25.0	316236.0	3.543936	Y
5	IC 480-665587/17	10.0	35.180457	25.0	303120.0	3.518046	Y
6	ICIS 480-665587/18	25.0	89.340765	25.0	284542.0	3.573631	Y
7	IC 480-665587/19	50.0	196.994159	25.0	269467.0	3.939883	Y
8	IC 480-665587/20	100.0	353.700047	25.0	272983.0	3.537	Y



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

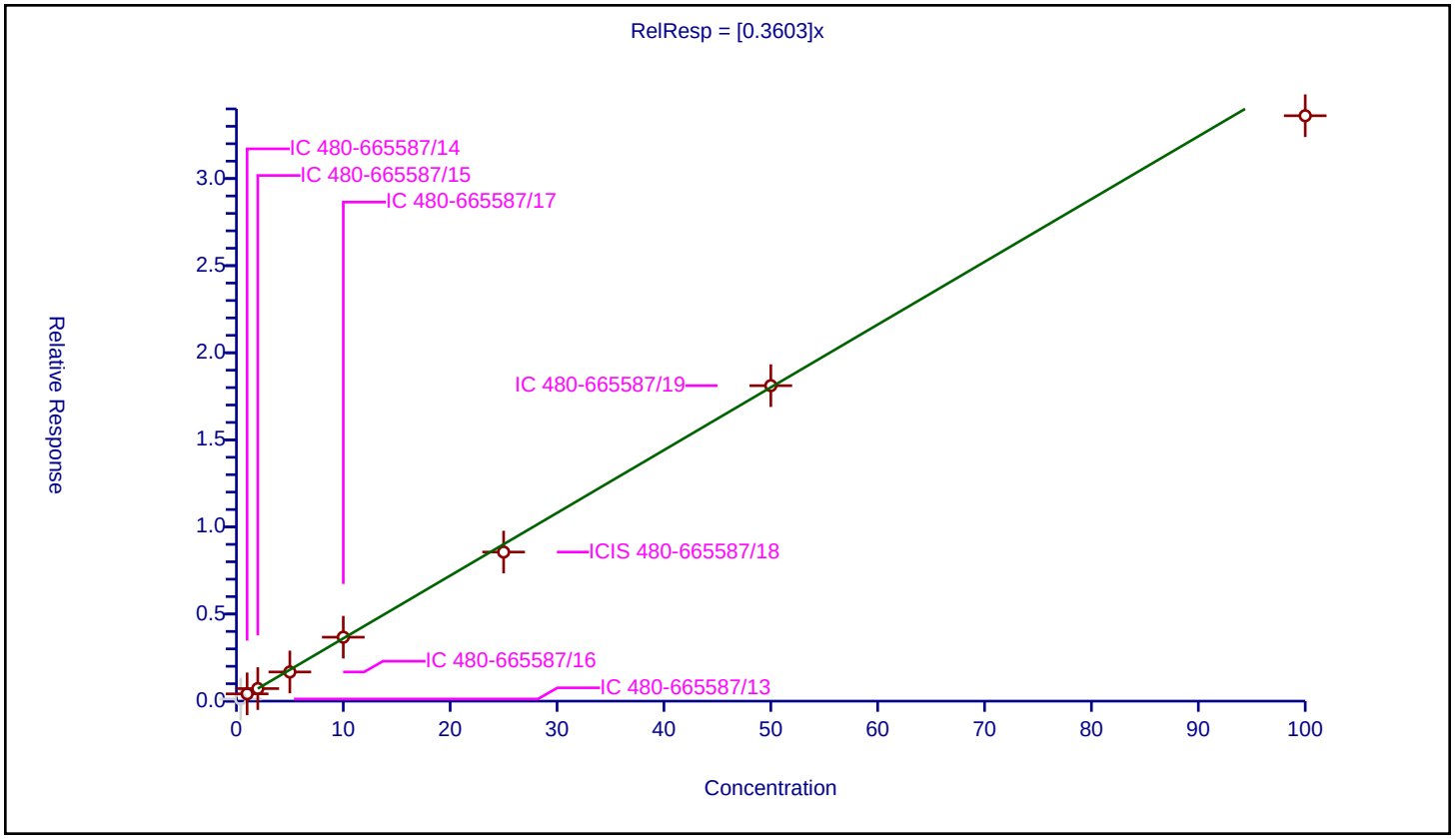
Curve Coefficients

Intercept:	0
Slope:	0.3603

Error Coefficients

Standard Error:	175000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.12303	25.0	314355.0	0.307574	N
2	IC 480-665587/14	1.0	0.418429	25.0	282485.0	0.418429	Y
3	IC 480-665587/15	2.0	0.721473	25.0	315258.0	0.360736	Y
4	IC 480-665587/16	5.0	1.675094	25.0	316236.0	0.335019	Y
5	IC 480-665587/17	10.0	3.670658	25.0	303120.0	0.367066	Y
6	ICIS 480-665587/18	25.0	8.557963	25.0	284542.0	0.342319	Y
7	IC 480-665587/19	50.0	18.112144	25.0	269467.0	0.362243	Y
8	IC 480-665587/20	100.0	33.606488	25.0	272983.0	0.336065	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

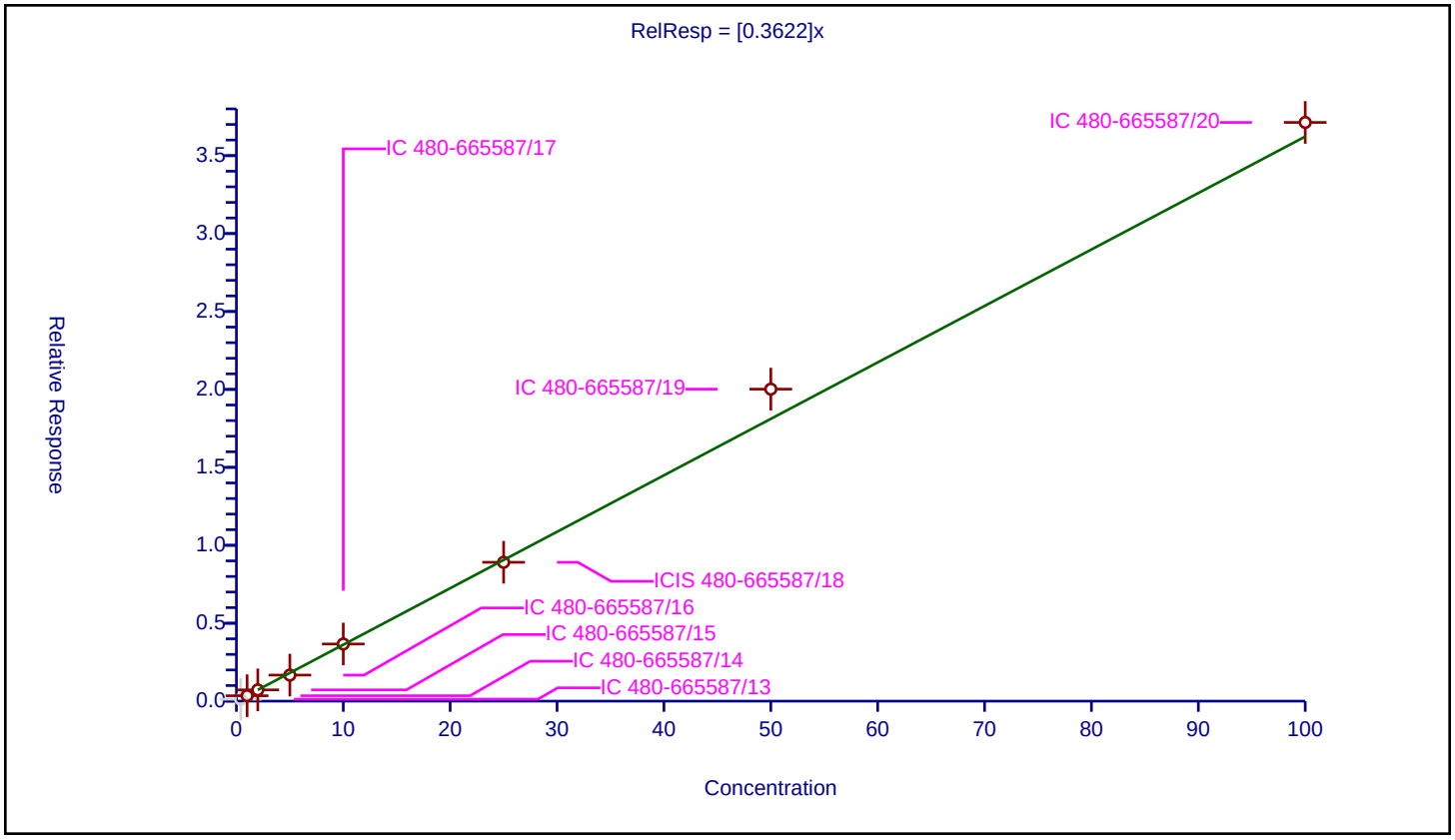
Curve Coefficients

Intercept:	0
Slope:	0.3622

Error Coefficients

Standard Error:	193000
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	IC 480-665587/13	0.4	0.123984	25.0	314355.0	0.30996	N
2	IC 480-665587/14	1.0	0.345859	25.0	282485.0	0.345859	Y
3	IC 480-665587/15	2.0	0.721314	25.0	315258.0	0.360657	Y
4	IC 480-665587/16	5.0	1.671853	25.0	316236.0	0.334371	Y
5	IC 480-665587/17	10.0	3.6667	25.0	303120.0	0.36667	Y
6	ICIS 480-665587/18	25.0	8.90923	25.0	284542.0	0.356369	Y
7	IC 480-665587/19	50.0	20.018128	25.0	269467.0	0.400363	Y
8	IC 480-665587/20	100.0	37.130151	25.0	272983.0	0.371302	Y



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Calibration / 2-Chlorotoluene

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

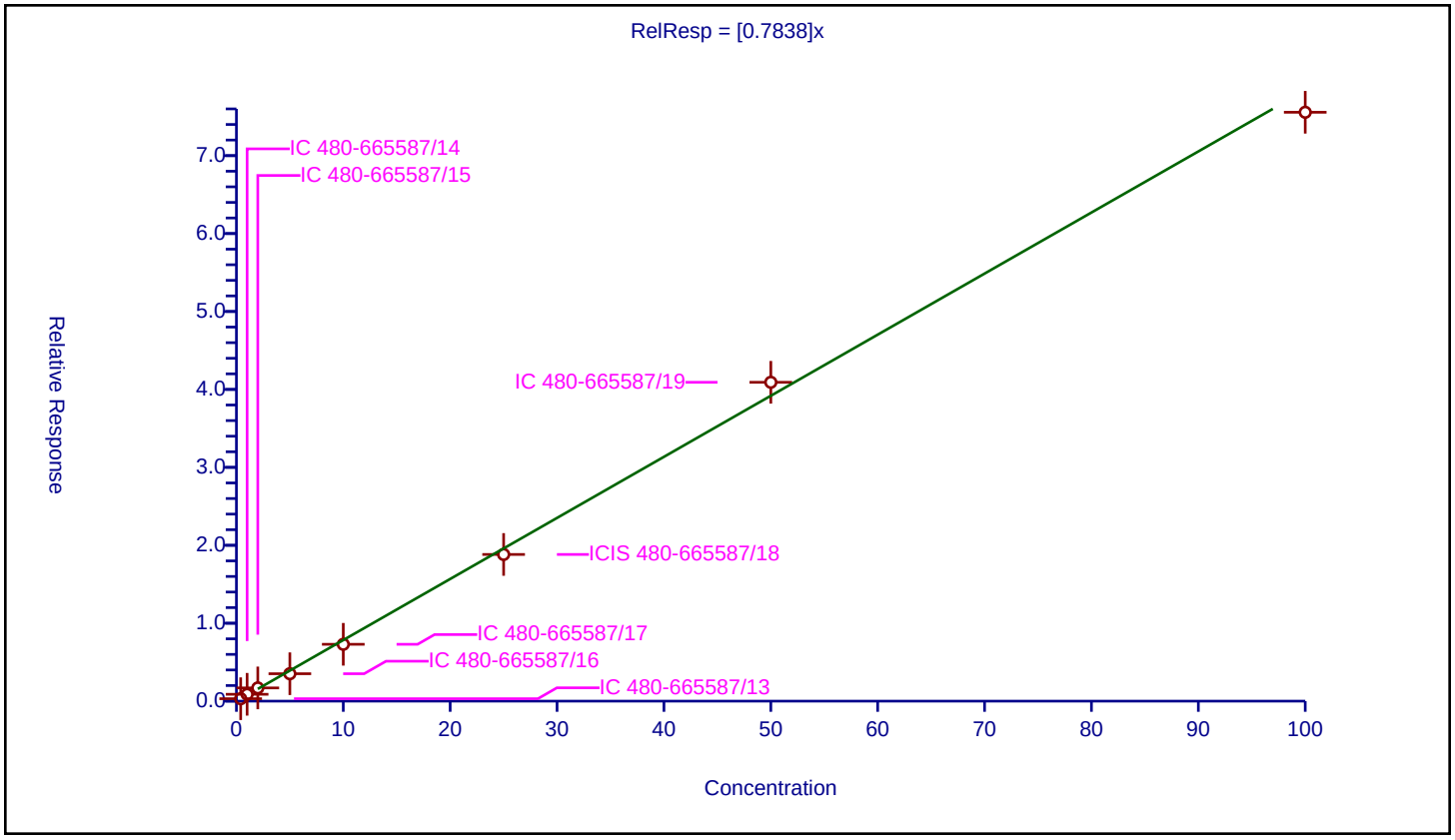
Curve Coefficients

Intercept:	0
Slope:	0.7838

Error Coefficients

Standard Error:	365000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.313022	25.0	314355.0	0.782555	Y
2	IC 480-665587/14	1.0	0.879604	25.0	282485.0	0.879604	Y
3	IC 480-665587/15	2.0	1.695754	25.0	315258.0	0.847877	Y
4	IC 480-665587/16	5.0	3.518259	25.0	316236.0	0.703652	Y
5	IC 480-665587/17	10.0	7.296038	25.0	303120.0	0.729604	Y
6	ICIS 480-665587/18	25.0	18.822353	25.0	284542.0	0.752894	Y
7	IC 480-665587/19	50.0	40.916327	25.0	269467.0	0.818327	Y
8	IC 480-665587/20	100.0	75.564779	25.0	272983.0	0.755648	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

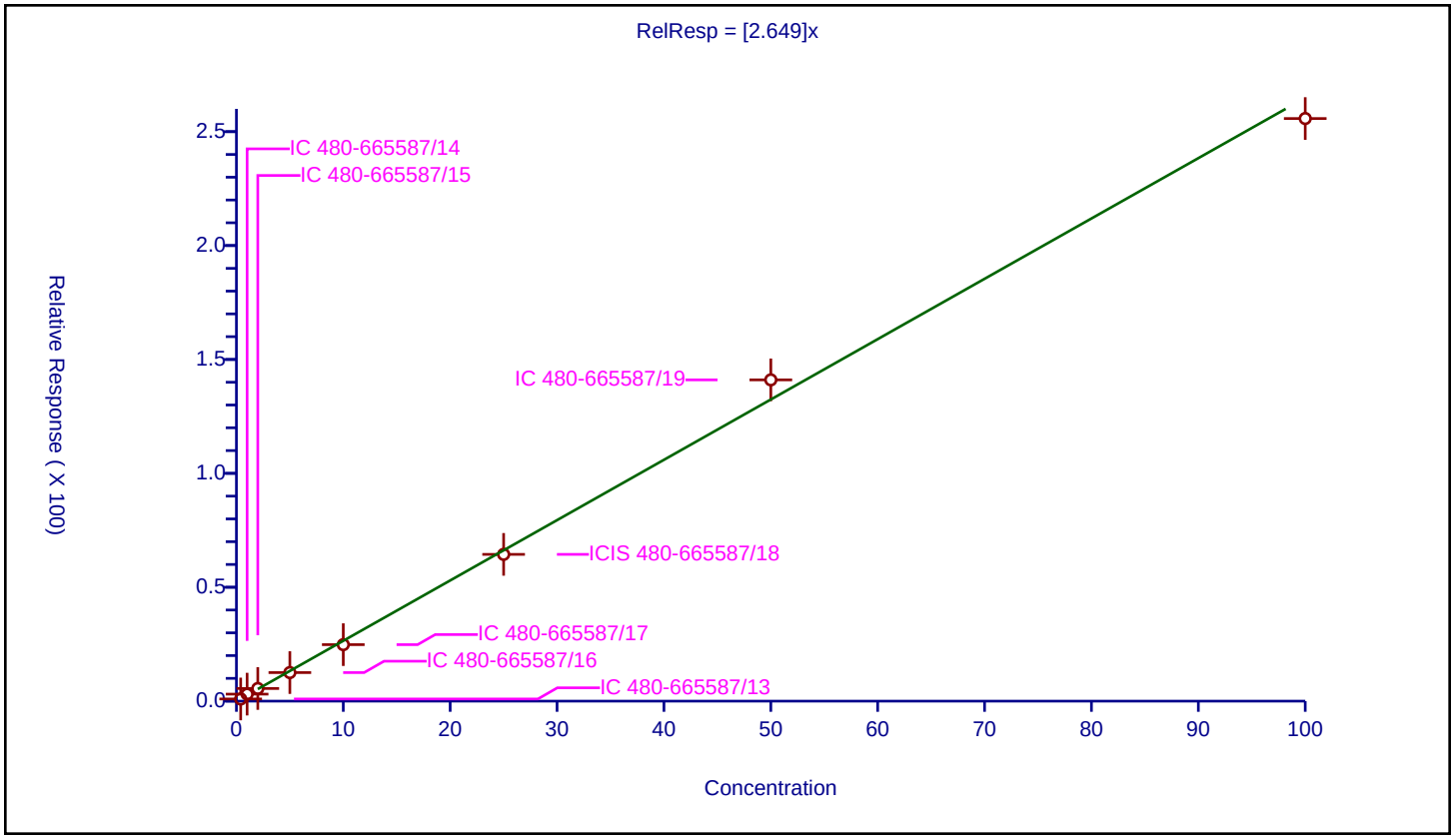
Curve Coefficients

Intercept:	0
Slope:	2.649

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.957596	25.0	314355.0	2.393989	Y
2	IC 480-665587/14	1.0	3.077155	25.0	282485.0	3.077155	Y
3	IC 480-665587/15	2.0	5.544031	25.0	315258.0	2.772015	Y
4	IC 480-665587/16	5.0	12.545694	25.0	316236.0	2.509139	Y
5	IC 480-665587/17	10.0	24.801894	25.0	303120.0	2.480189	Y
6	ICIS 480-665587/18	25.0	64.430383	25.0	284542.0	2.577215	Y
7	IC 480-665587/19	50.0	141.04408	25.0	269467.0	2.820882	Y
8	IC 480-665587/20	100.0	255.770323	25.0	272983.0	2.557703	Y



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Calibration / 4-Chlorotoluene

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

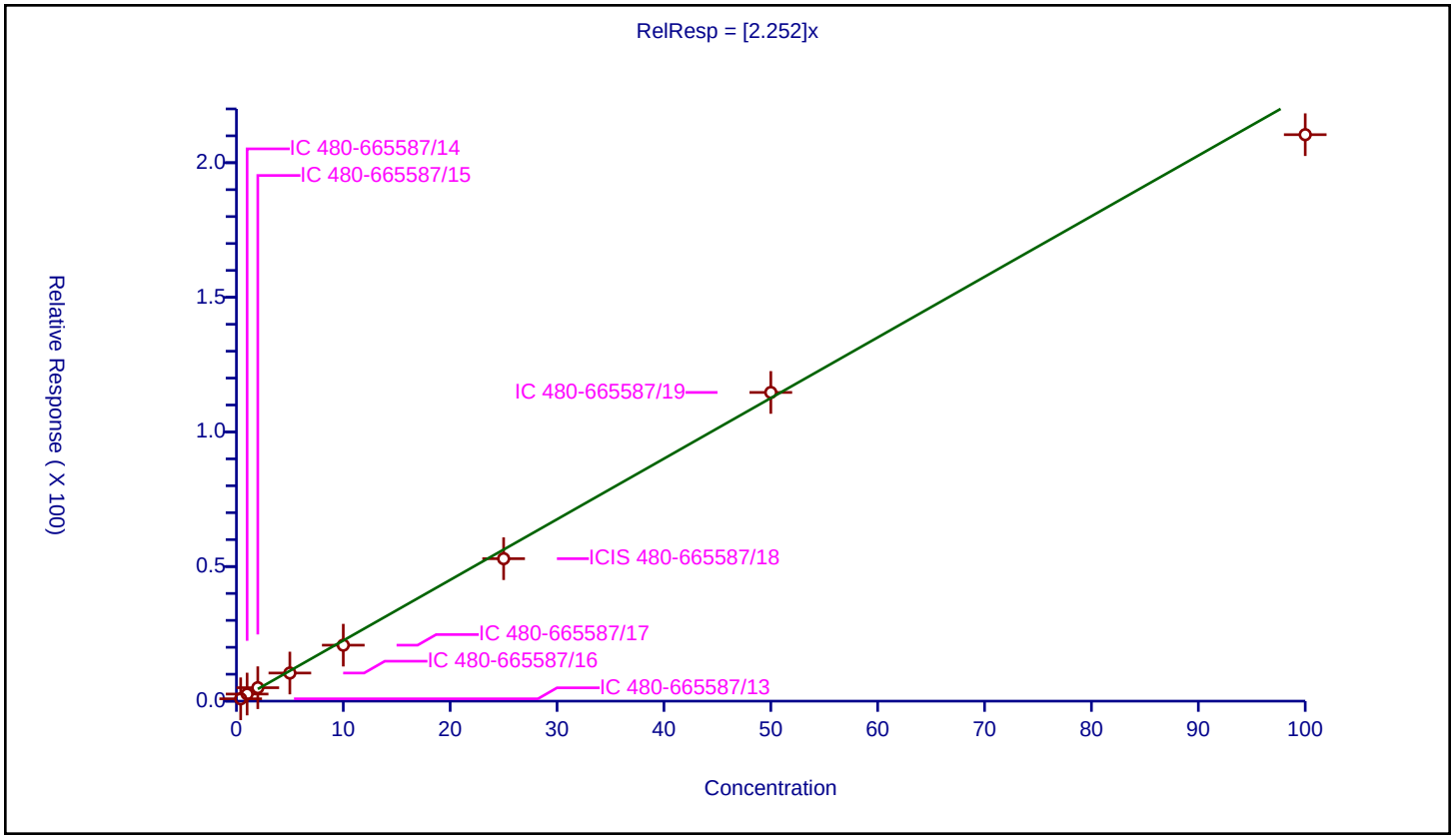
Curve Coefficients

Intercept:	0
Slope:	2.252

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.878227	25.0	314355.0	2.195567	Y
2	IC 480-665587/14	1.0	2.638813	25.0	282485.0	2.638813	Y
3	IC 480-665587/15	2.0	4.994639	25.0	315258.0	2.49732	Y
4	IC 480-665587/16	5.0	10.446945	25.0	316236.0	2.089389	Y
5	IC 480-665587/17	10.0	20.786817	25.0	303120.0	2.078682	Y
6	ICIS 480-665587/18	25.0	52.920131	25.0	284542.0	2.116805	Y
7	IC 480-665587/19	50.0	114.670349	25.0	269467.0	2.293407	Y
8	IC 480-665587/20	100.0	210.426473	25.0	272983.0	2.104265	Y



Calibration / tert-Butylbenzene

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

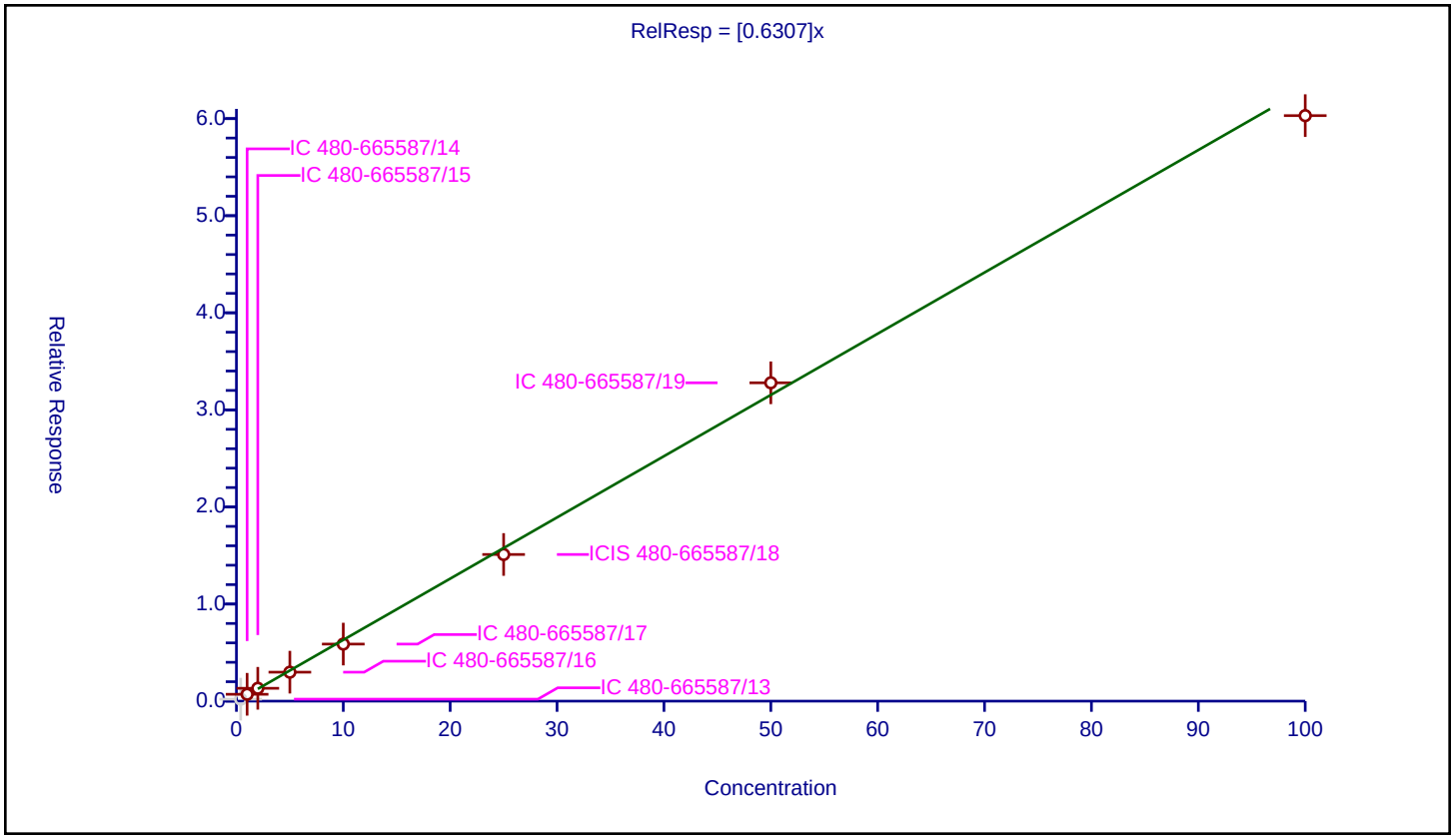
Curve Coefficients

Intercept:	0
Slope:	0.6307

Error Coefficients

Standard Error:	315000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.203035	25.0	314355.0	0.507587	N
2	IC 480-665587/14	1.0	0.705967	25.0	282485.0	0.705967	Y
3	IC 480-665587/15	2.0	1.322885	25.0	315258.0	0.661442	Y
4	IC 480-665587/16	5.0	2.984085	25.0	316236.0	0.596817	Y
5	IC 480-665587/17	10.0	5.878283	25.0	303120.0	0.587828	Y
6	ICIS 480-665587/18	25.0	15.104976	25.0	284542.0	0.604199	Y
7	IC 480-665587/19	50.0	32.788709	25.0	269467.0	0.655774	Y
8	IC 480-665587/20	100.0	60.30577	25.0	272983.0	0.603058	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

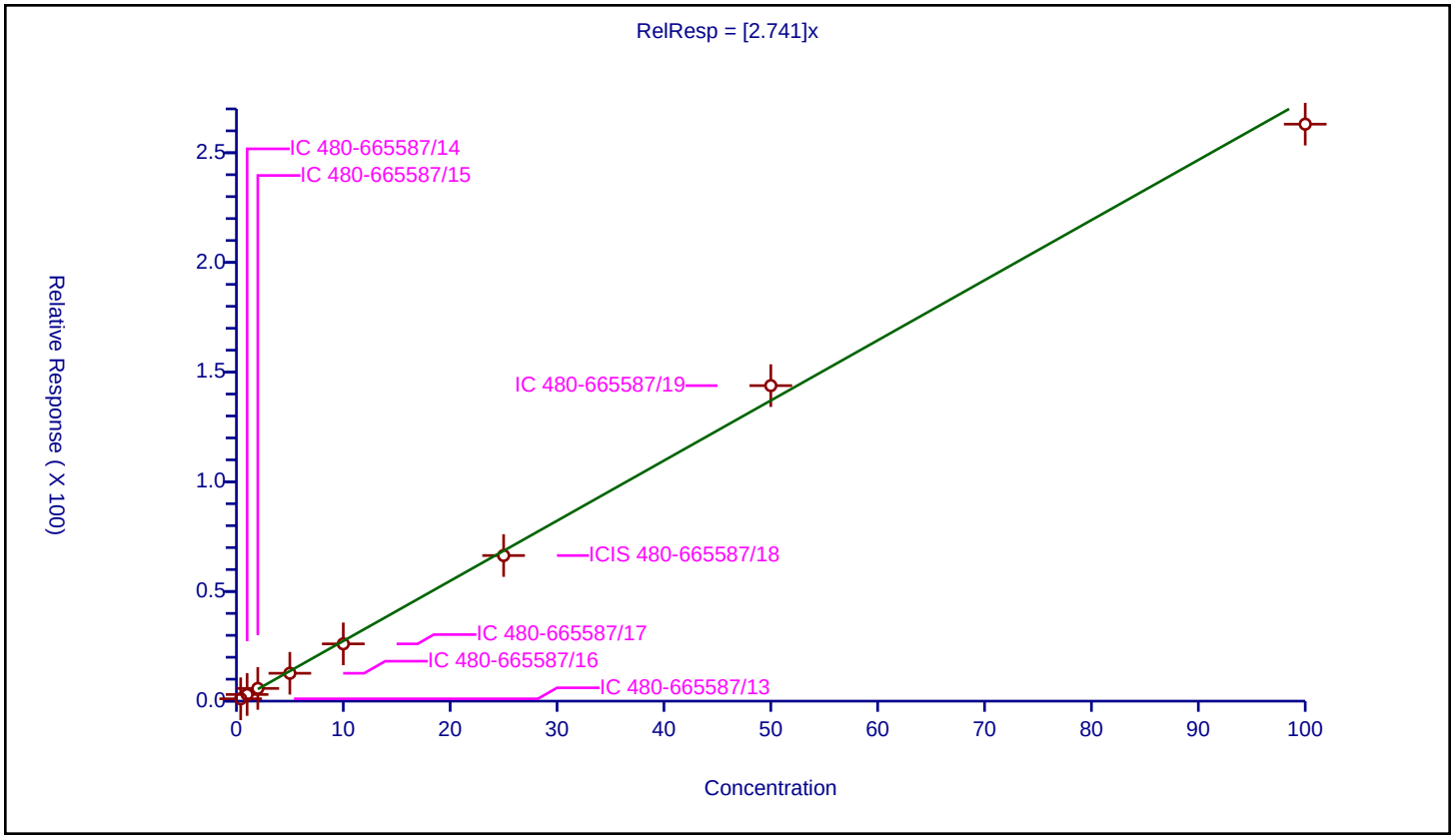
Curve Coefficients

Intercept:	0
Slope:	2.741

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.072355	25.0	314355.0	2.680886	Y
2	IC 480-665587/14	1.0	3.034409	25.0	282485.0	3.034409	Y
3	IC 480-665587/15	2.0	5.795967	25.0	315258.0	2.897984	Y
4	IC 480-665587/16	5.0	12.712658	25.0	316236.0	2.542532	Y
5	IC 480-665587/17	10.0	26.115565	25.0	303120.0	2.611556	Y
6	ICIS 480-665587/18	25.0	66.383961	25.0	284542.0	2.655358	Y
7	IC 480-665587/19	50.0	143.845072	25.0	269467.0	2.876901	Y
8	IC 480-665587/20	100.0	263.042113	25.0	272983.0	2.630421	Y



7/12/2023
10:47 AM

Calibration / sec-Butylbenzene

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

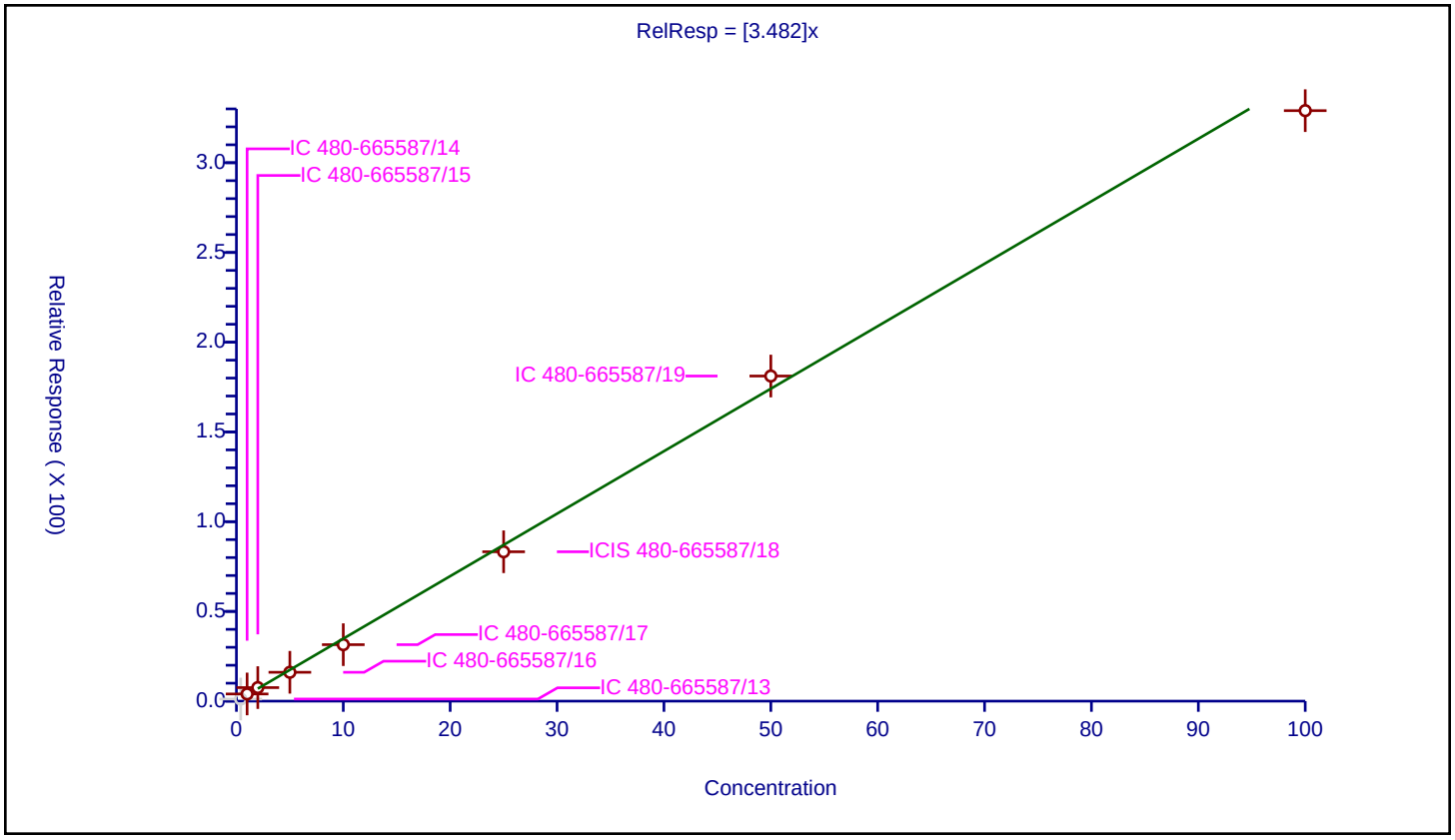
Curve Coefficients

Intercept:	0
Slope:	3.482

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.174548	25.0	314355.0	2.93637	N
2	IC 480-665587/14	1.0	3.995787	25.0	282485.0	3.995787	Y
3	IC 480-665587/15	2.0	7.540808	25.0	315258.0	3.770404	Y
4	IC 480-665587/16	5.0	16.080396	25.0	316236.0	3.216079	Y
5	IC 480-665587/17	10.0	31.47054	25.0	303120.0	3.147054	Y
6	ICIS 480-665587/18	25.0	83.235427	25.0	284542.0	3.329417	Y
7	IC 480-665587/19	50.0	181.148712	25.0	269467.0	3.622974	Y
8	IC 480-665587/20	100.0	329.024152	25.0	272983.0	3.290242	Y



7/12/2023
10:47 AM

Calibration / 4-Isopropyltoluene

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

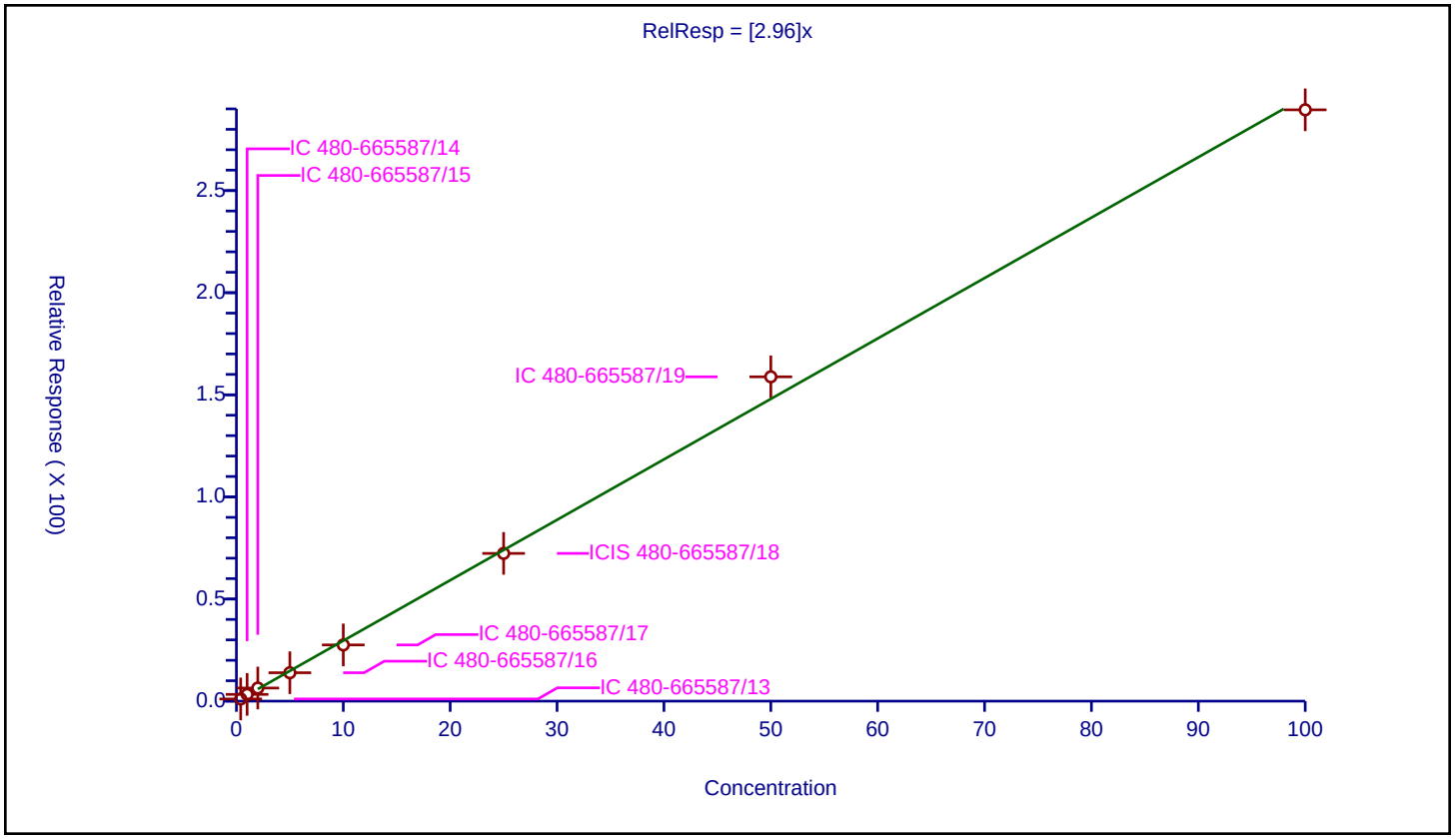
Curve Coefficients

Intercept:	0
Slope:	2.96

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	1.065038	25.0	314355.0	2.662595	Y
2	IC 480-665587/14	1.0	3.299821	25.0	282485.0	3.299821	Y
3	IC 480-665587/15	2.0	6.426403	25.0	315258.0	3.213202	Y
4	IC 480-665587/16	5.0	13.914529	25.0	316236.0	2.782906	Y
5	IC 480-665587/17	10.0	27.523341	25.0	303120.0	2.752334	Y
6	ICIS 480-665587/18	25.0	72.334225	25.0	284542.0	2.893369	Y
7	IC 480-665587/19	50.0	158.819818	25.0	269467.0	3.176396	Y
8	IC 480-665587/20	100.0	289.545961	25.0	272983.0	2.89546	Y



7/12/2023
10:47 AM

Calibration / 1,3-Dichlorobenzene

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

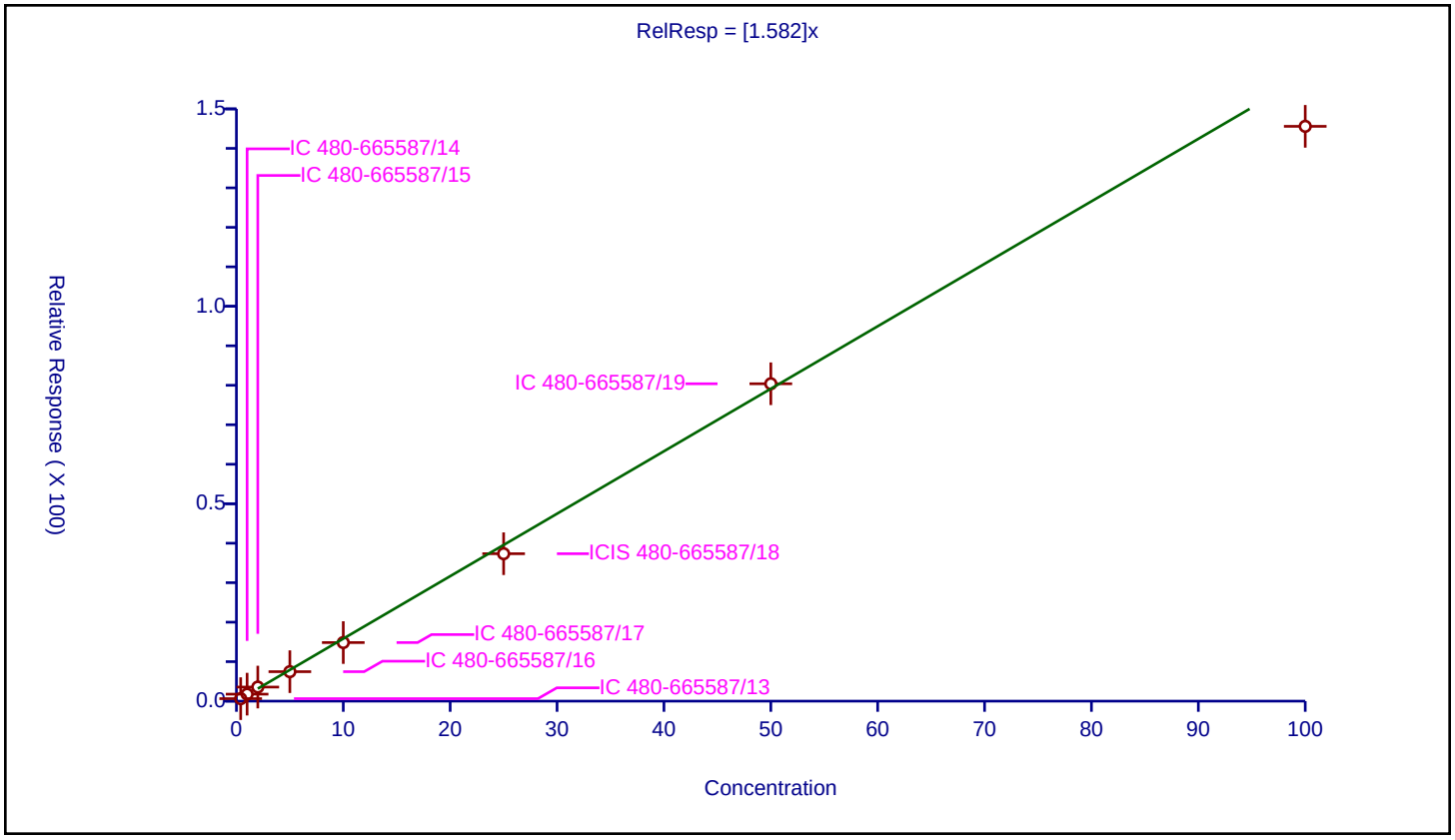
Curve Coefficients

Intercept:	0
Slope:	1.582

Error Coefficients

Standard Error:	707000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.628827	25.0	314355.0	1.572068	Y
2	IC 480-665587/14	1.0	1.769386	25.0	282485.0	1.769386	Y
3	IC 480-665587/15	2.0	3.567078	25.0	315258.0	1.783539	Y
4	IC 480-665587/16	5.0	7.462781	25.0	316236.0	1.492556	Y
5	IC 480-665587/17	10.0	14.839255	25.0	303120.0	1.483926	Y
6	ICIS 480-665587/18	25.0	37.341675	25.0	284542.0	1.493667	Y
7	IC 480-665587/19	50.0	80.385817	25.0	269467.0	1.607716	Y
8	IC 480-665587/20	100.0	145.5826	25.0	272983.0	1.455826	Y



7/12/2023
10:47 AM

Calibration / 1,4-Dichlorobenzene

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

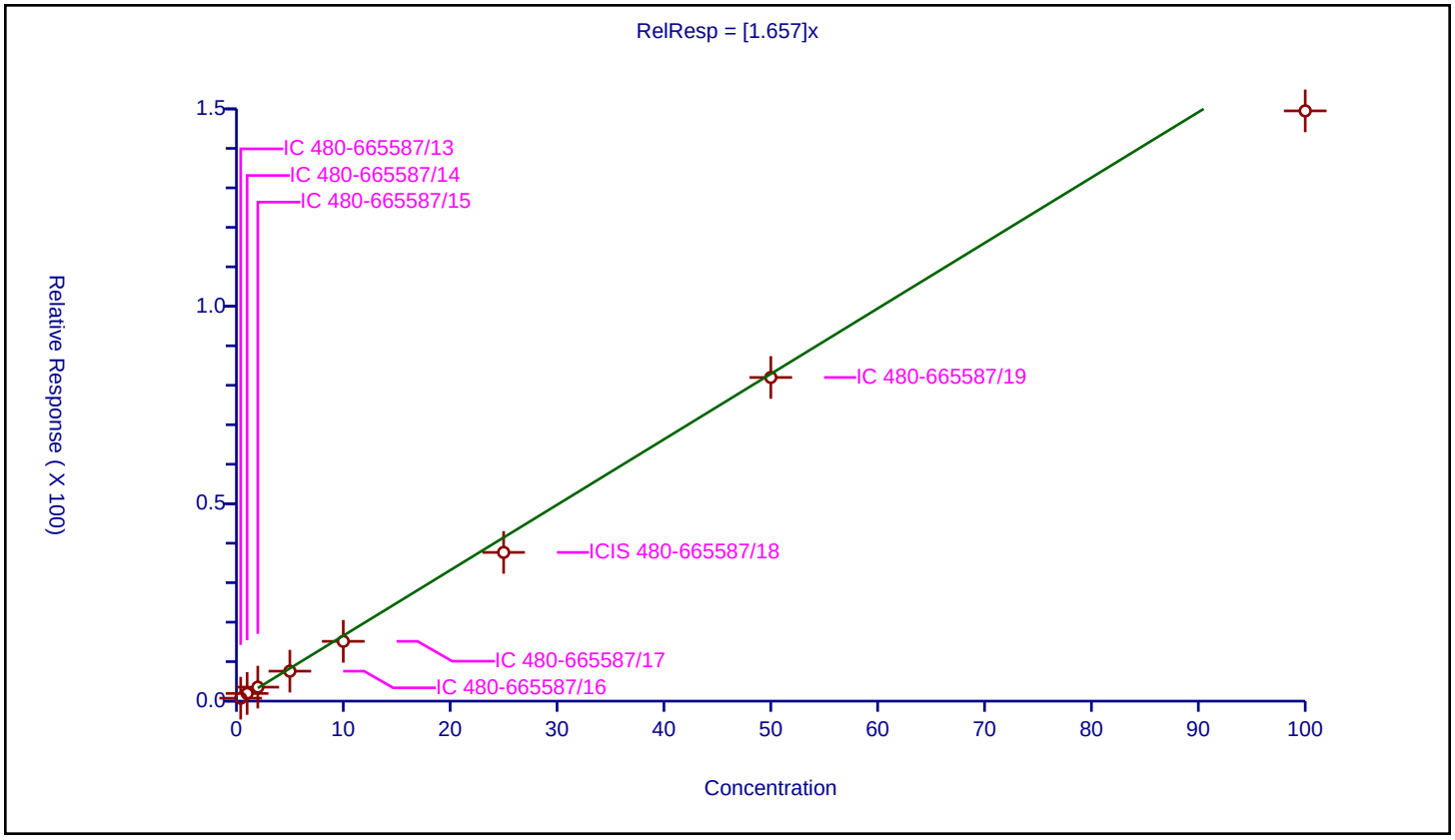
Curve Coefficients

Intercept:	0
Slope:	1.657

Error Coefficients

Standard Error:	725000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.747403	25.0	314355.0	1.868509	Y
2	IC 480-665587/14	1.0	1.944794	25.0	282485.0	1.944794	Y
3	IC 480-665587/15	2.0	3.544636	25.0	315258.0	1.772318	Y
4	IC 480-665587/16	5.0	7.590771	25.0	316236.0	1.518154	Y
5	IC 480-665587/17	10.0	15.146064	25.0	303120.0	1.514606	Y
6	ICIS 480-665587/18	25.0	37.671943	25.0	284542.0	1.506878	Y
7	IC 480-665587/19	50.0	81.97822	25.0	269467.0	1.639564	Y
8	IC 480-665587/20	100.0	149.503357	25.0	272983.0	1.495034	Y



7/12/2023
10:47 AM

Calibration / n-Butylbenzene

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

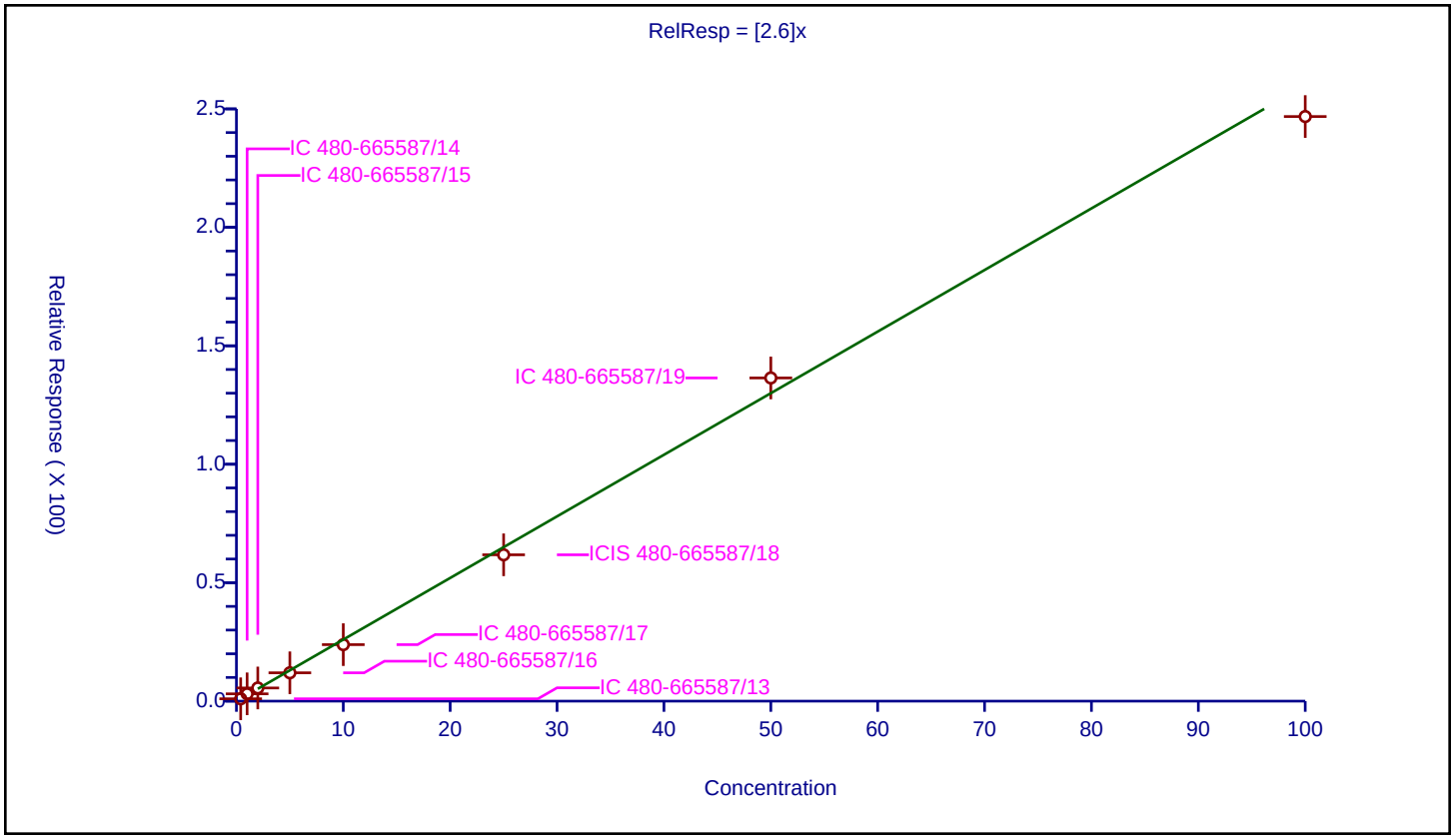
Curve Coefficients

Intercept:	0
Slope:	2.6

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.995133	25.0	314355.0	2.487832	Y
2	IC 480-665587/14	1.0	3.082819	25.0	282485.0	3.082819	Y
3	IC 480-665587/15	2.0	5.563856	25.0	315258.0	2.781928	Y
4	IC 480-665587/16	5.0	11.965194	25.0	316236.0	2.393039	Y
5	IC 480-665587/17	10.0	23.855816	25.0	303120.0	2.385582	Y
6	ICIS 480-665587/18	25.0	61.771197	25.0	284542.0	2.470848	Y
7	IC 480-665587/19	50.0	136.42125	25.0	269467.0	2.728425	Y
8	IC 480-665587/20	100.0	246.772968	25.0	272983.0	2.46773	Y



7/12/2023
10:47 AM

Calibration / 1,2-Dichlorobenzene

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

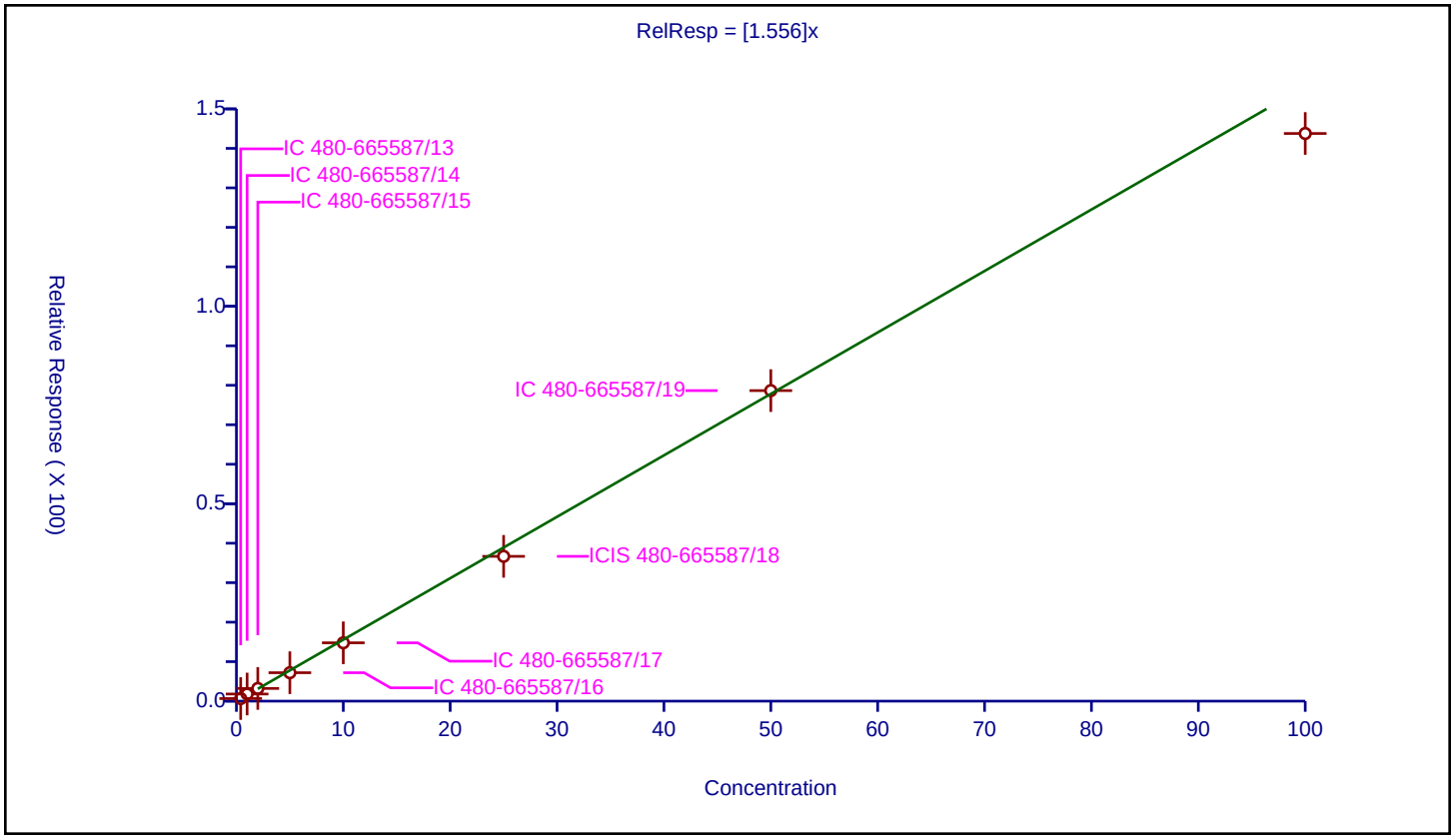
Curve Coefficients

Intercept:	0
Slope:	1.556

Error Coefficients

Standard Error:	697000
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	IC 480-665587/13	0.4	0.655708	25.0	314355.0	1.639269	Y
2	IC 480-665587/14	1.0	1.806645	25.0	282485.0	1.806645	Y
3	IC 480-665587/15	2.0	3.216175	25.0	315258.0	1.608088	Y
4	IC 480-665587/16	5.0	7.204271	25.0	316236.0	1.440854	Y
5	IC 480-665587/17	10.0	14.779543	25.0	303120.0	1.477954	Y
6	ICIS 480-665587/18	25.0	36.671739	25.0	284542.0	1.46687	Y
7	IC 480-665587/19	50.0	78.652303	25.0	269467.0	1.573046	Y
8	IC 480-665587/20	100.0	143.775894	25.0	272983.0	1.437759	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

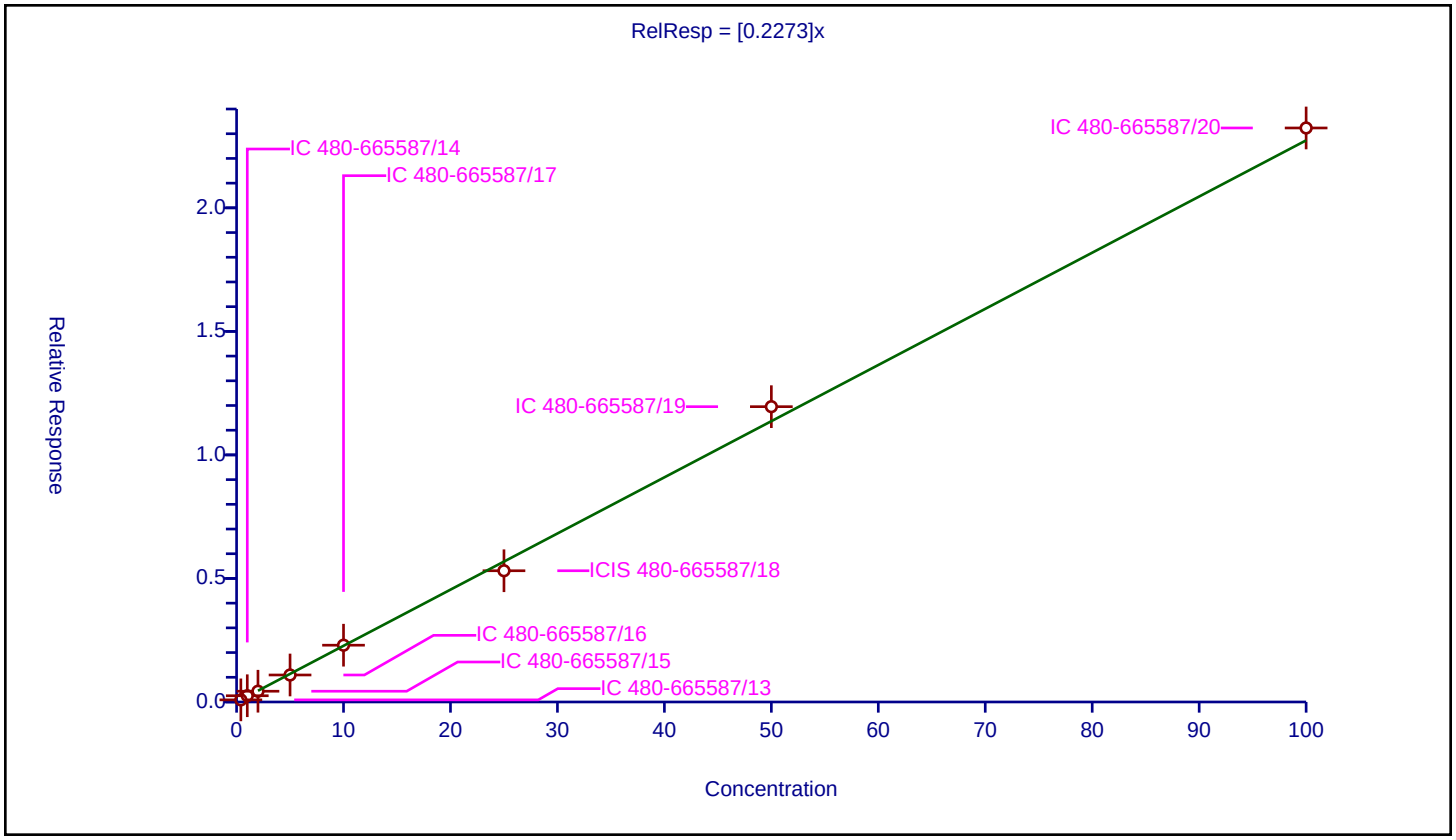
Curve Coefficients

Intercept:	0
Slope:	0.2273

Error Coefficients

Standard Error:	111000
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	IC 480-665587/13	0.4	0.08589	25.0	314355.0	0.214725	Y
2	IC 480-665587/14	1.0	0.253553	25.0	282485.0	0.253553	Y
3	IC 480-665587/15	2.0	0.435992	25.0	315258.0	0.217996	Y
4	IC 480-665587/16	5.0	1.092538	25.0	316236.0	0.218508	Y
5	IC 480-665587/17	10.0	2.298595	25.0	303120.0	0.229859	Y
6	ICIS 480-665587/18	25.0	5.311694	25.0	284542.0	0.212468	Y
7	IC 480-665587/19	50.0	11.952855	25.0	269467.0	0.239057	Y
8	IC 480-665587/20	100.0	23.232491	25.0	272983.0	0.232325	Y



7/12/2023
10:47 AM

Calibration / 1,2,4-Trichlorobenzene

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

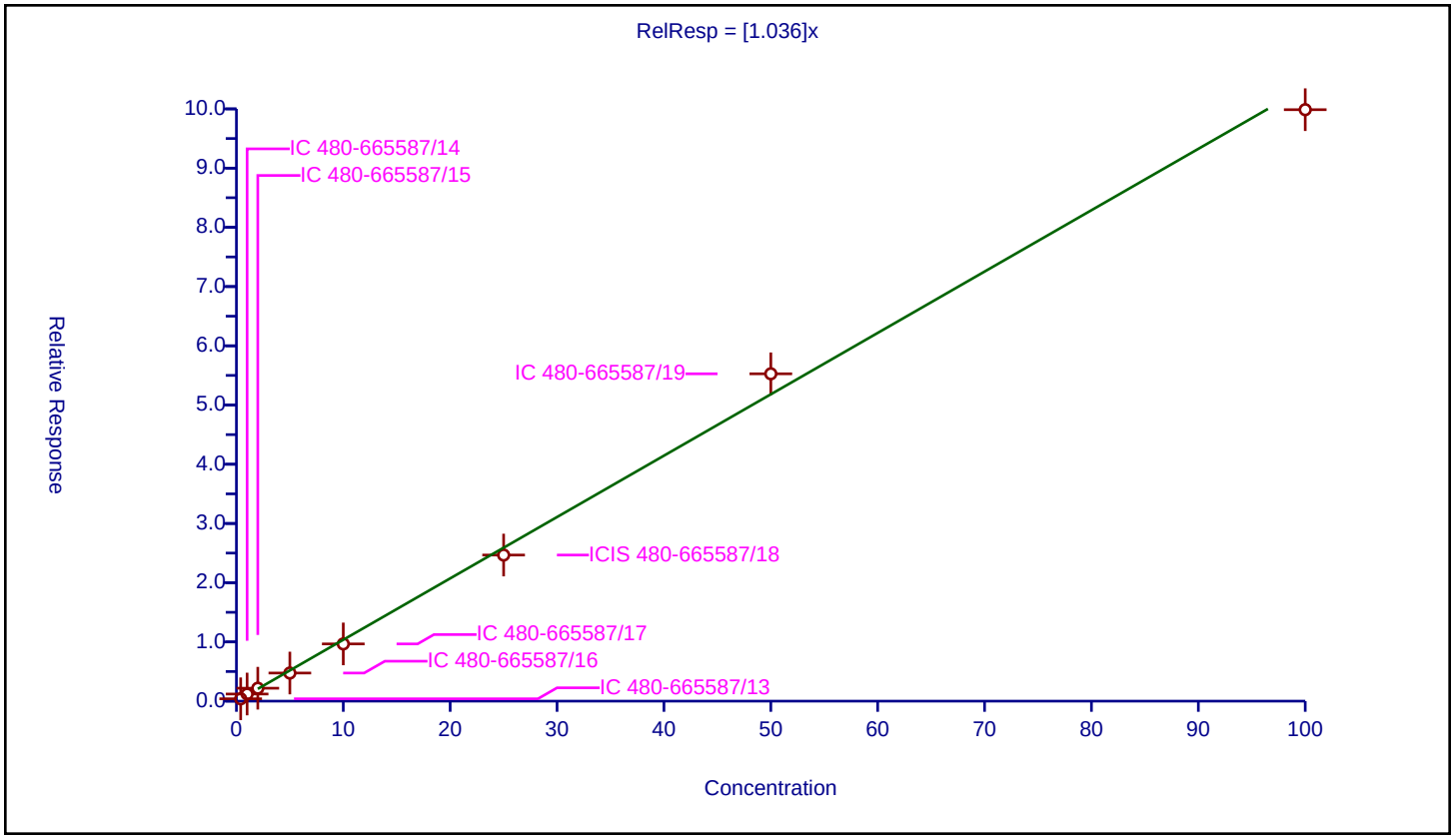
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Standard Error:	484000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.396367	25.0	314355.0	0.990918	Y
2	IC 480-665587/14	1.0	1.201126	25.0	282485.0	1.201126	Y
3	IC 480-665587/15	2.0	2.181864	25.0	315258.0	1.090932	Y
4	IC 480-665587/16	5.0	4.744637	25.0	316236.0	0.948927	Y
5	IC 480-665587/17	10.0	9.663747	25.0	303120.0	0.966375	Y
6	ICIS 480-665587/18	25.0	24.668942	25.0	284542.0	0.986758	Y
7	IC 480-665587/19	50.0	55.272538	25.0	269467.0	1.105451	Y
8	IC 480-665587/20	100.0	99.8662	25.0	272983.0	0.998662	Y



7/12/2023
10:47 AM

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

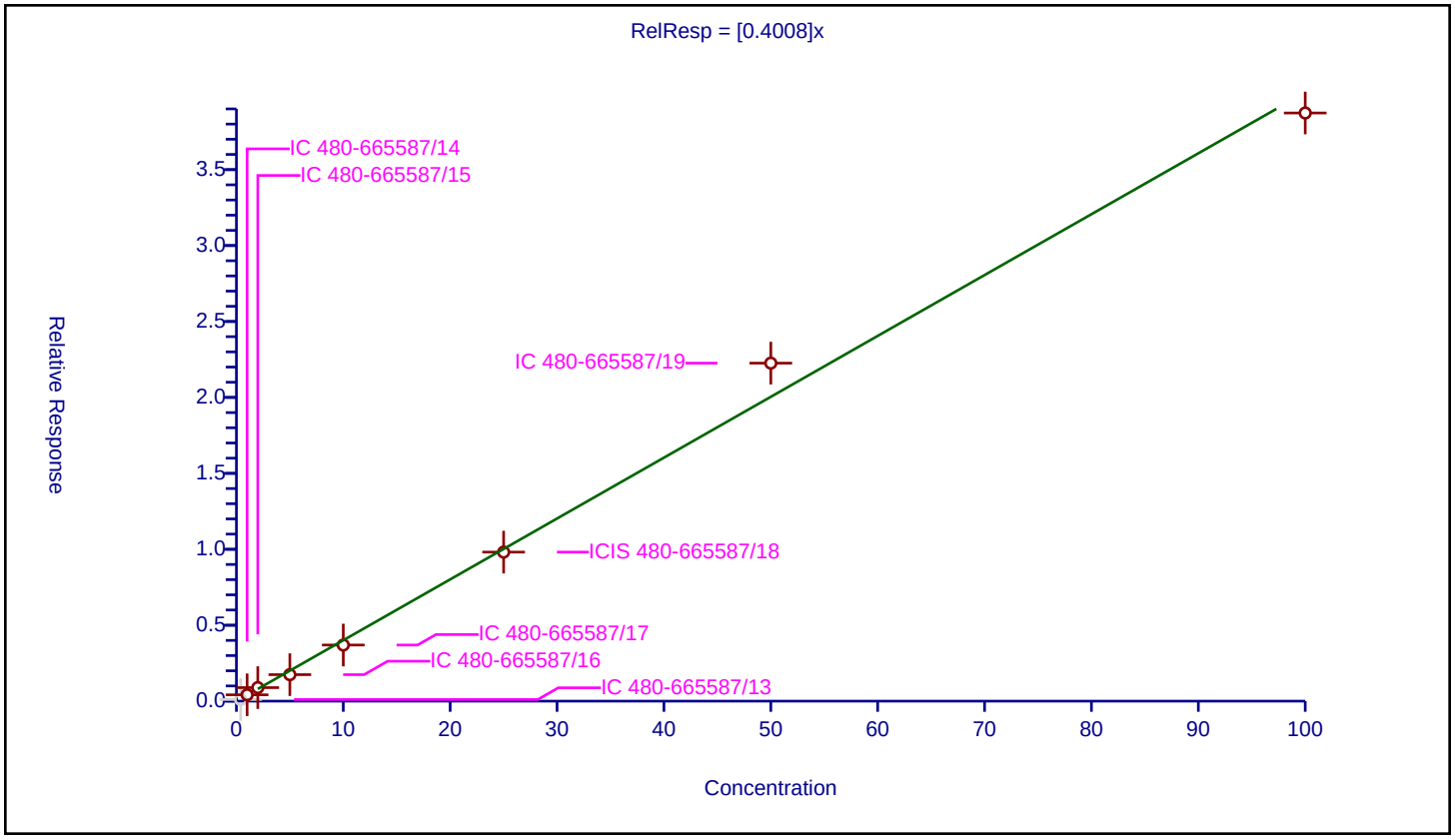
Curve Coefficients

Intercept:	0
Slope:	0.4008

Error Coefficients

Standard Error:	205000
Relative Standard Error:	9.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.107204	25.0	314355.0	0.268009	N
2	IC 480-665587/14	1.0	0.417367	25.0	282485.0	0.417367	Y
3	IC 480-665587/15	2.0	0.890461	25.0	315258.0	0.445231	Y
4	IC 480-665587/16	5.0	1.743951	25.0	316236.0	0.34879	Y
5	IC 480-665587/17	10.0	3.693834	25.0	303120.0	0.369383	Y
6	ICIS 480-665587/18	25.0	9.813578	25.0	284542.0	0.392543	Y
7	IC 480-665587/19	50.0	22.256807	25.0	269467.0	0.445136	Y
8	IC 480-665587/20	100.0	38.730342	25.0	272983.0	0.387303	Y



Calibration / Naphthalene

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

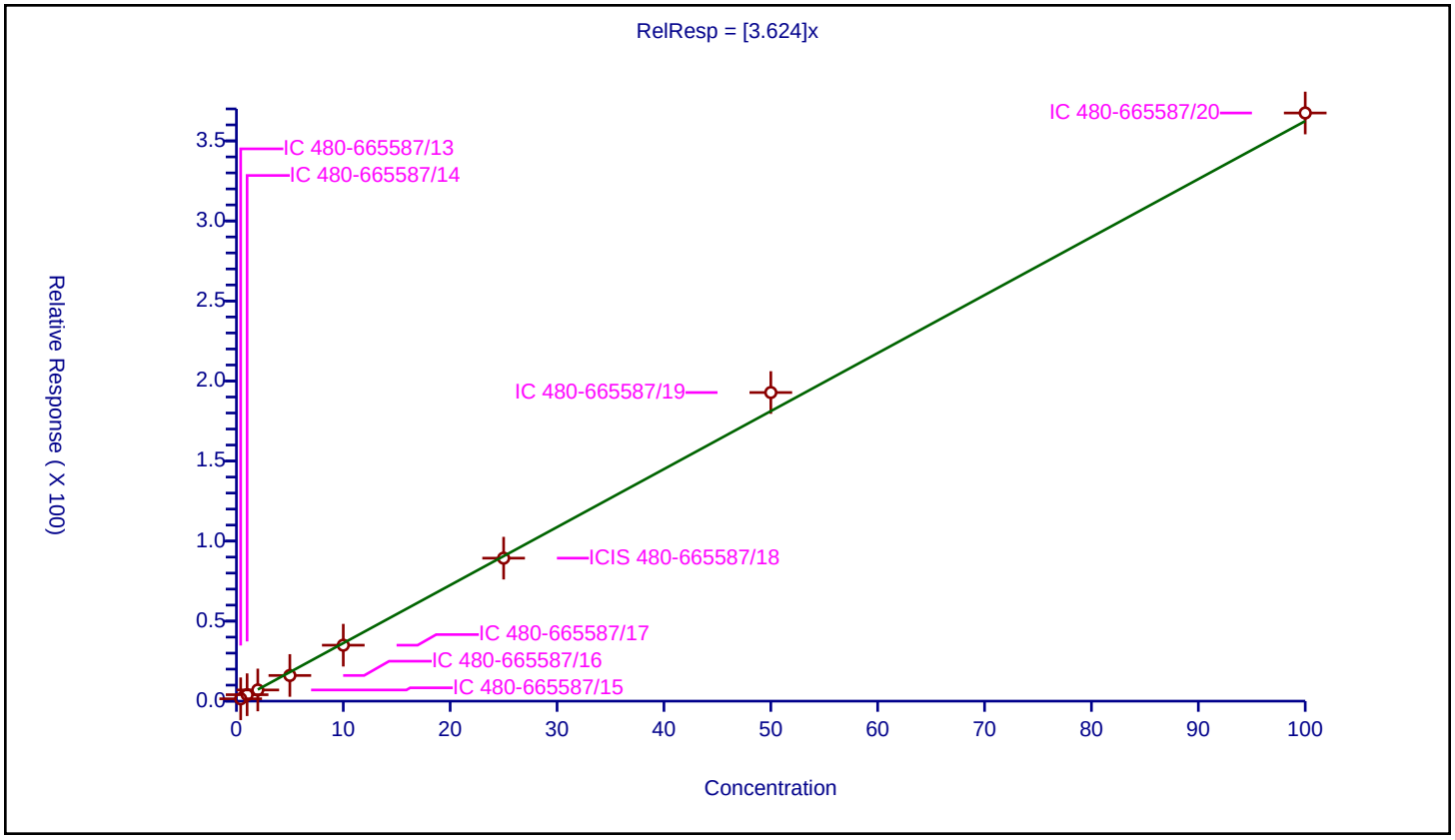
Curve Coefficients

Intercept:	0
Slope:	3.624

Error Coefficients

Standard Error:	1760000
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	IC 480-665587/13	0.4	1.468642	25.0	314355.0	3.671605	Y
2	IC 480-665587/14	1.0	4.023753	25.0	282485.0	4.023753	Y
3	IC 480-665587/15	2.0	6.98087	25.0	315258.0	3.490435	Y
4	IC 480-665587/16	5.0	16.0332	25.0	316236.0	3.20664	Y
5	IC 480-665587/17	10.0	34.945566	25.0	303120.0	3.494557	Y
6	ICIS 480-665587/18	25.0	89.332946	25.0	284542.0	3.573318	Y
7	IC 480-665587/19	50.0	192.80218	25.0	269467.0	3.856044	Y
8	IC 480-665587/20	100.0	367.437441	25.0	272983.0	3.674374	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

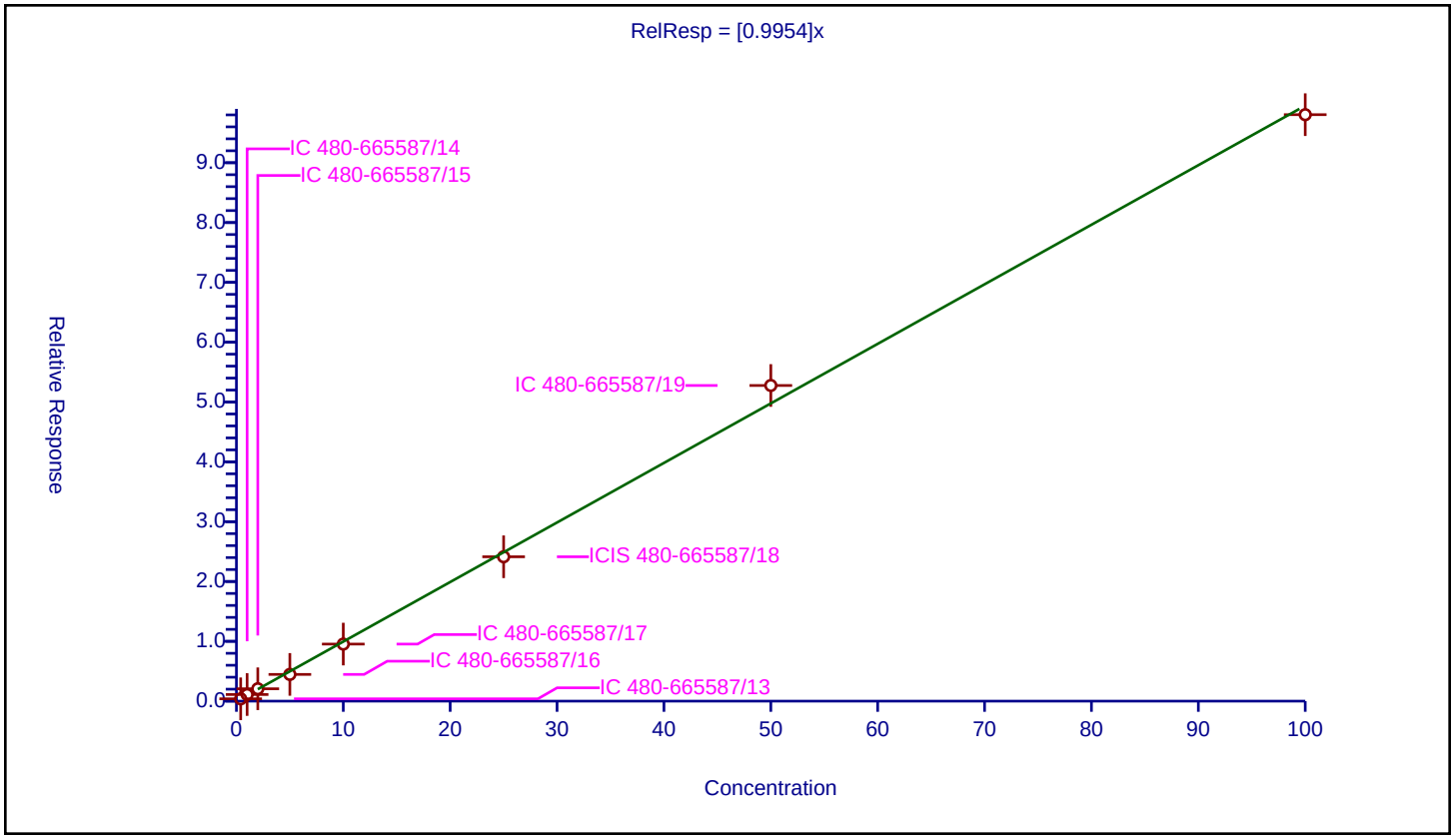
Curve Coefficients

Intercept:	0
Slope:	0.9954

Error Coefficients

Standard Error:	472000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-665587/13	0.4	0.38913	25.0	314355.0	0.972825	Y
2	IC 480-665587/14	1.0	1.107138	25.0	282485.0	1.107138	Y
3	IC 480-665587/15	2.0	2.069654	25.0	315258.0	1.034827	Y
4	IC 480-665587/16	5.0	4.469289	25.0	316236.0	0.893858	Y
5	IC 480-665587/17	10.0	9.53657	25.0	303120.0	0.953657	Y
6	ICIS 480-665587/18	25.0	24.132905	25.0	284542.0	0.965316	Y
7	IC 480-665587/19	50.0	52.76583	25.0	269467.0	1.055317	Y
8	IC 480-665587/20	100.0	98.032203	25.0	272983.0	0.980322	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-673579/34 Calibration Date: 06/20/2023 04:05

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8680.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
Dichlorodifluoromethane	Ave	1.328	1.327	0.1000	25.0	25.0	-0.0	50.0
Chloromethane	Ave	1.484	1.515	0.1000	25.5	25.0	2.1	30.0
Vinyl chloride	Ave	1.339	1.442	0.1000	26.9	25.0	7.7	30.0
Butadiene	Ave	1.340	1.442		26.9	25.0	7.6	30.0
Bromomethane	Ave	0.7762	0.8408	0.1000	27.1	25.0	8.3	50.0
Chloroethane	Ave	0.8120	0.8837	0.1000	27.2	25.0	8.8	50.0
Dichlorofluoromethane	Ave	1.710	2.073		30.3	25.0	21.3	30.0
Trichlorofluoromethane	Ave	1.594	1.817	0.1000	28.5	25.0	14.0	30.0
Ethyl ether	Ave	1.088	1.170		26.9	25.0	7.5	30.0
Acrolein	Ave	0.0746	0.1723		289	125	131.1*	50.0
1,1-Dichloroethene	Ave	0.8120	1.017	0.1000	31.3	25.0	25.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9119	1.094	0.1000	30.0	25.0	20.0	30.0
Acetone	Ave	0.3903	0.4439	0.1000	142	125	13.7	50.0
Iodomethane	Ave	1.585	1.732		27.3	25.0	9.3	30.0
Carbon disulfide	Ave	3.106	3.574	0.1000	28.8	25.0	15.1	30.0
Allyl chloride	Ave	1.950	2.182		28.0	25.0	11.9	30.0
Methyl acetate	Ave	1.189	1.193	0.1000	50.2	50.0	0.4	50.0
Methylene Chloride	Lin1		1.256	0.1000	27.8	25.0	11.1	30.0
2-Methyl-2-propanol	Ave	0.0992	0.0923		233	250	-7.0	50.0
Methyl tert-butyl ether	Ave	3.584	3.966	0.1000	27.7	25.0	10.7	30.0
trans-1,2-Dichloroethene	Ave	1.079	1.237	0.1000	28.7	25.0	14.6	30.0
Acrylonitrile	Ave	0.5729	0.6006		262	250	4.8	30.0
Hexane	Ave	1.635	1.740		26.6	25.0	6.4	30.0
1,1-Dichloroethane	Ave	1.986	2.174	0.2000	27.4	25.0	9.5	30.0
Vinyl acetate	Ave	2.254	2.375		52.7	50.0	5.4	30.0
2,2-Dichloropropane	Ave	0.9898	1.084		27.4	25.0	9.5	30.0
cis-1,2-Dichloroethene	Ave	1.191	1.313	0.1000	27.5	25.0	10.2	30.0
2-Butanone (MEK)	Ave	0.6351	0.6217	0.1000	122	125	-2.1	30.0
Chlorobromomethane	Ave	0.5979	0.6410		26.8	25.0	7.2	30.0
Tetrahydrofuran	Ave	0.4439	0.4408		49.6	50.0	-0.7	30.0
Chloroform	Ave	1.879	2.054	0.2000	27.3	25.0	9.3	30.0
1,1,1-Trichloroethane	Ave	1.411	1.684	0.1000	29.8	25.0	19.4	30.0
Cyclohexane	Ave	2.075	2.503	0.1000	30.2	25.0	20.6	30.0
Carbon tetrachloride	Ave	1.166	1.378	0.1000	29.6	25.0	18.2	30.0
1,1-Dichloropropene	Ave	1.476	1.670		28.3	25.0	13.2	30.0
Benzene	Ave	4.434	4.828	0.5000	27.2	25.0	8.9	30.0
Isobutyl alcohol	Ave	0.0390	0.0352		564	625	-9.7	50.0
1,2-Dichloroethane	Ave	1.553	1.565	0.1000	25.2	25.0	0.8	30.0
n-Heptane	Ave	1.549	1.587		25.6	25.0	2.5	30.0
Trichloroethene	Ave	1.070	1.184	0.2000	27.7	25.0	10.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-673579/34 Calibration Date: 06/20/2023 04:05

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8680.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
Methylcyclohexane	Ave	1.803	2.103	0.1000	29.2	25.0	16.6	30.0
1,2-Dichloropropane	Ave	1.086	1.138	0.1000	26.2	25.0	4.8	30.0
Dibromomethane	Ave	0.6715	0.7240	0.1000	27.0	25.0	7.8	30.0
1,4-Dioxane	Lin1		0.0027		390	500	-22.0	50.0
Bromodichloromethane	Ave	1.304	1.356	0.2000	26.0	25.0	4.0	30.0
2-Chloroethyl vinyl ether	Ave	0.6826	0.6543		24.0	25.0	-4.1	30.0
cis-1,3-Dichloropropene	Ave	1.663	1.609	0.2000	24.2	25.0	-3.2	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7137	0.7732	0.1000	135	125	8.3	30.0
Toluene	Ave	1.467	1.603	0.4000	27.3	25.0	9.3	30.0
trans-1,3-Dichloropropene	Ave	0.7897	0.8106	0.1000	25.7	25.0	2.6	30.0
Ethyl methacrylate	Ave	0.6914	0.7149		25.9	25.0	3.4	30.0
1,1,2-Trichloroethane	Ave	0.4255	0.4486	0.1000	26.4	25.0	5.4	30.0
Tetrachloroethene	Ave	0.5600	0.6569	0.2000	29.3	25.0	17.3	30.0
1,3-Dichloropropane	Ave	0.8966	0.8970		25.0	25.0	0.0	30.0
2-Hexanone	Ave	0.4496	0.4437	0.1000	123	125	-1.3	30.0
Dibromochloromethane	Ave	0.5023	0.5207	0.1000	25.9	25.0	3.7	30.0
1,2-Dibromoethane	Ave	0.5041	0.5531		27.4	25.0	9.7	30.0
Chlorobenzene	Ave	1.546	1.654	0.5000	26.7	25.0	7.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5025	0.5885		29.3	25.0	17.1	30.0
Ethylbenzene	Ave	2.650	2.971	0.1000	28.0	25.0	12.1	30.0
m-Xylene & p-Xylene	Ave	1.008	1.154	0.1000	28.6	25.0	14.4	30.0
o-Xylene	Ave	1.054	1.195	0.3000	28.4	25.0	13.4	30.0
Styrene	Ave	1.717	1.816	0.3000	26.4	25.0	5.8	30.0
Bromoform	Ave	0.3198	0.3184	0.1000	24.9	25.0	-0.5	50.0
Isopropylbenzene	Ave	2.775	3.297	0.1000	29.7	25.0	18.8	30.0
Bromobenzene	Ave	0.7059	0.7449		26.4	25.0	5.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7492	0.8149	0.3000	27.2	25.0	8.8	30.0
N-Propylbenzene	Ave	3.274	3.632		27.7	25.0	10.9	30.0
1,2,3-Trichloropropane	Ave	0.2405	0.2420		25.2	25.0	0.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2126	0.2229		26.2	25.0	4.8	50.0
2-Chlorotoluene	Ave	0.6481	0.7234		27.9	25.0	11.6	30.0
1,3,5-Trimethylbenzene	Ave	2.412	2.767		28.7	25.0	14.7	30.0
4-Chlorotoluene	Ave	0.6592	0.7236		27.4	25.0	9.8	30.0
tert-Butylbenzene	Ave	0.5199	0.5945		28.6	25.0	14.3	30.0
1,2,4-Trimethylbenzene	Ave	2.519	2.766		27.5	25.0	9.8	30.0
sec-Butylbenzene	Ave	2.972	3.406		28.6	25.0	14.6	30.0
1,3-Dichlorobenzene	Ave	1.350	1.428	0.6000	26.4	25.0	5.8	30.0
4-Isopropyltoluene	Ave	2.540	2.956		29.1	25.0	16.4	30.0
1,4-Dichlorobenzene	Ave	1.400	1.477	0.5000	26.4	25.0	5.5	30.0
n-Butylbenzene	Ave	2.174	2.375		27.3	25.0	9.3	30.0
1,2-Dichlorobenzene	Ave	1.367	1.493	0.4000	27.3	25.0	9.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-673579/34 Calibration Date: 06/20/2023 04:05

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8680.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-Dibromo-3-Chloropropane	Ave	0.1378	0.1425	0.0500	25.8	25.0	3.4	50.0
1,2,4-Trichlorobenzene	Ave	0.8894	0.9803	0.2000	27.6	25.0	10.2	30.0
Hexachlorobutadiene	Ave	0.3582	0.4044		28.2	25.0	12.9	30.0
Naphthalene	Ave	2.657	2.966		27.9	25.0	11.6	30.0
1,2,3-Trichlorobenzene	Ave	0.8810	0.9383		26.6	25.0	6.5	30.0
Dibromofluoromethane (Surr)	Ave	1.122	1.176		26.2	25.0	4.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7743	0.7806		25.2	25.0	0.8	30.0
Toluene-d8 (Surr)	Ave	2.348	2.389		25.4	25.0	1.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.6935	0.6880		24.8	25.0	-0.8	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8680.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Jun-2023 04:05:30 ALS Bottle#: 34 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0112326-034
Operator ID: AG Instrument ID: HP5973S
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2023 12:03:13 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: FGO5 Date: 20-Jun-2023 11:37:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	97	211585	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	372392	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	69	354533	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	248917	25.0	26.2	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	49	165164	25.0	25.2	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	78	889683	25.0	25.4	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	86	256191	25.0	24.8	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	86	280818	25.0	25.0	
12 Chloromethane	50	1.132	1.132	0.000	88	320627	25.0	25.5	
13 Vinyl chloride	62	1.199	1.193	0.006	67	305070	25.0	26.9	
151 Butadiene	54	1.223	1.217	0.006	88	305080	25.0	26.9	
14 Bromomethane	94	1.448	1.448	0.000	89	177898	25.0	27.1	
15 Chloroethane	64	1.515	1.509	0.006	95	186981	25.0	27.2	
17 Trichlorofluoromethane	101	1.692	1.686	0.006	70	384368	25.0	28.5	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	97	438629	25.0	30.3	
18 Ethyl ether	59	1.917	1.911	0.006	93	247488	25.0	26.9	
20 Acrolein	56	2.081	2.075	0.006	99	182328	125.0	288.9	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	97	215099	25.0	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.118	2.112	0.006	77	231446	25.0	30.0	
23 Acetone	43	2.221	2.215	0.006	100	469636	125.0	142.2	
25 Iodomethane	142	2.245	2.270	-0.025	96	366491	25.0	27.3	
26 Carbon disulfide	76	2.282	2.282	0.000	98	756238	25.0	28.8	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	89	461683	25.0	28.0	
27 Methyl acetate	43	2.495	2.495	0.000	98	504964	50.0	50.2	
30 Methylene Chloride	84	2.586	2.580	0.006	94	265738	25.0	27.8	
31 2-Methyl-2-propanol	59	2.762	2.756	0.006	63	195344	250.0	232.6	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	92	839086	25.0	27.7	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	94	261721	25.0	28.7	
33 Acrylonitrile	53	2.860	2.854	0.006	99	1270699	250.0	262.1	
35 Hexane	57	2.981	2.981	0.000	93	368162	25.0	26.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	85	460084	25.0	27.4	
37 Vinyl acetate	43	3.261	3.255	0.006	97	1004838	50.0	52.7	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	93	229374	25.0	27.4	
45 cis-1,2-Dichloroethene	96	3.736	3.730	0.006	67	277739	25.0	27.5	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	98	657755	125.0	122.4	
48 Chlorobromomethane	128	3.961	3.961	0.000	93	135625	25.0	26.8	
49 Tetrahydrofuran	42	3.973	3.973	0.000	89	186534	50.0	49.6	
50 Chloroform	83	4.046	4.046	0.000	93	434537	25.0	27.3	
52 Cyclohexane	56	4.137	4.137	0.000	93	529517	25.0	30.2	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	74	356238	25.0	29.8	
55 Carbon tetrachloride	117	4.271	4.271	0.000	81	291626	25.0	29.6	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	94	353372	25.0	28.3	
57 Benzene	78	4.484	4.484	0.000	96	1021486	25.0	27.2	
53 Isobutyl alcohol	43	4.551	4.551	0.000	54	186389	625.0	564.3	
58 1,2-Dichloroethane	62	4.563	4.557	0.006	85	331106	25.0	25.2	
59 n-Heptane	43	4.679	4.679	0.000	94	335814	25.0	25.6	
62 Trichloroethene	95	5.092	5.092	0.000	95	250468	25.0	27.7	
64 Methylcyclohexane	83	5.196	5.196	0.000	94	444874	25.0	29.2	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	92	240803	25.0	26.2	
67 Dibromomethane	93	5.464	5.464	0.000	88	153183	25.0	27.0	
66 1,4-Dioxane	88	5.482	5.482	0.000	29	19872	500.0	390.0	
68 Dichlorobromomethane	83	5.622	5.622	0.000	92	286955	25.0	26.0	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	92	138440	25.0	24.0	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	87	340545	25.0	24.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.188	-0.001	98	1439759	125.0	135.4	
74 Toluene	92	6.309	6.309	0.000	88	596874	25.0	27.3	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	91	301859	25.0	25.7	
75 Ethyl methacrylate	69	6.668	6.662	0.006	71	266224	25.0	25.9	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	92	167073	25.0	26.4	
81 Tetrachloroethene	166	6.826	6.826	0.000	88	244608	25.0	29.3	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	91	334021	25.0	25.0	
80 2-Hexanone	43	7.027	7.027	0.000	98	826232	125.0	123.4	
83 Chlorodibromomethane	129	7.173	7.173	0.000	87	193914	25.0	25.9	
84 Ethylene Dibromide	107	7.258	7.258	0.000	98	205966	25.0	27.4	
87 Chlorobenzene	112	7.733	7.733	0.000	92	615867	25.0	26.7	
88 Ethylbenzene	91	7.836	7.836	0.000	98	1106216	25.0	28.0	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	39	219166	25.0	29.3	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	429772	25.0	28.6	
91 o-Xylene	106	8.378	8.378	0.000	97	445088	25.0	28.4	
92 Styrene	104	8.408	8.408	0.000	92	676283	25.0	26.4	
95 Bromoform	173	8.645	8.645	0.000	95	118557	25.0	24.9	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	1168941	25.0	29.7	
101 Bromobenzene	156	9.101	9.102	-0.001	93	264109	25.0	26.4	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	67	288893	25.0	27.2	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1287590	25.0	27.7	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	59	85800	25.0	25.2	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	88	79017	25.0	26.2	
103 2-Chlorotoluene	126	9.302	9.302	0.000	95	256466	25.0	27.9	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	92	981065	25.0	28.7	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	256545	25.0	27.4	
106 tert-Butylbenzene	134	9.734	9.734	0.000	89	210768	25.0	28.6	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	86	980687	25.0	27.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1207556	25.0	28.6	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	506302	25.0	26.4	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	97	1047905	25.0	29.1	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	95	523607	25.0	26.4	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	842147	25.0	27.3	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	529373	25.0	27.3	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	76	50512	25.0	25.8	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	347559	25.0	27.6	
120 Hexachlorobutadiene	225	12.089	12.089	-0.001	95	143379	25.0	28.2	
121 Naphthalene	128	12.180	12.180	0.000	97	1051579	25.0	27.9	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	96	332672	25.0	26.6	

QC Flag Legend

Processing Flags

Reagents:

SS GAS CORP_00521	Amount Added: 12.50	Units: uL	
SS 8260 CORP_00107	Amount Added: 12.50	Units: uL	
S_8260_IS_00366	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00448	Amount Added: 1.00	Units: uL	Run Reagent

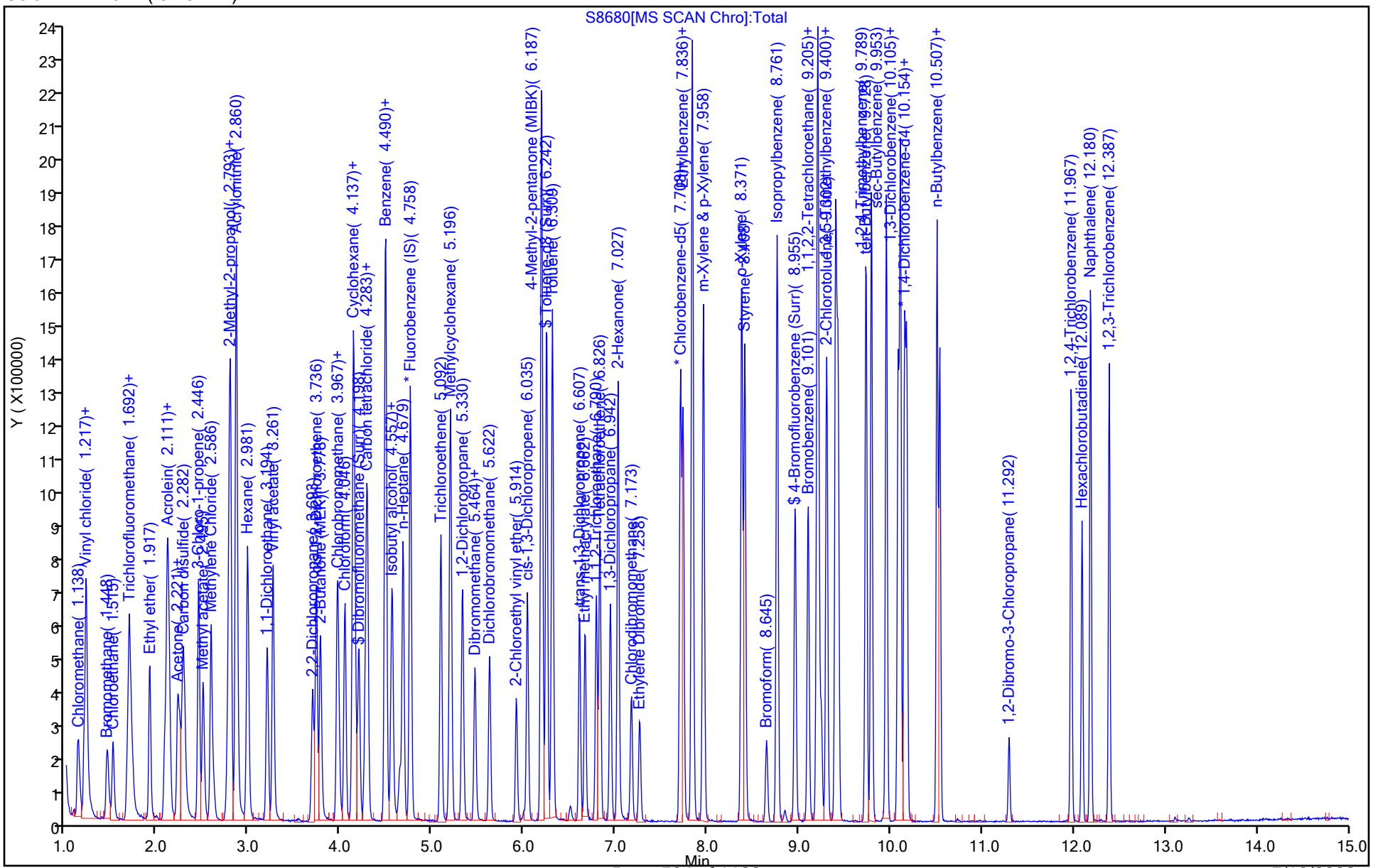
Report Date: 20-Jun-2023 12:07:13 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8680.d

Injection Date:	20-Jun-2023 04:05:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	ICV			Worklist Smp#:	34
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674325/4 Calibration Date: 06/24/2023 13:27

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8860.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
Dichlorodifluoromethane	Ave	1.328	1.300	0.1000	24.5	25.0	-2.1	50.0
Chloromethane	Ave	1.484	1.340	0.1000	22.6	25.0	-9.7	20.0
Vinyl chloride	Ave	1.339	1.282	0.1000	23.9	25.0	-4.3	20.0
Butadiene	Ave	1.340	1.251		23.3	25.0	-6.6	20.0
Bromomethane	Ave	0.7762	0.6751	0.1000	21.7	25.0	-13.0	50.0
Chloroethane	Ave	0.8120	0.7440	0.1000	22.9	25.0	-8.4	50.0
Dichlorofluoromethane	Ave	1.710	1.593		23.3	25.0	-6.8	20.0
Trichlorofluoromethane	Ave	1.594	1.554	0.1000	24.4	25.0	-2.5	20.0
Ethyl ether	Ave	1.088	1.001		23.0	25.0	-8.0	20.0
Acrolein	Ave	0.0746	0.0704		118	125	-5.6	50.0
1,1-Dichloroethene	Ave	0.8120	0.8783	0.1000	27.0	25.0	8.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9119	1.059	0.1000	29.0	25.0	16.1	20.0
Acetone	Ave	0.3903	0.4070	0.1000	130	125	4.3	50.0
Iodomethane	Ave	1.585	1.615		25.5	25.0	1.9	20.0
Carbon disulfide	Ave	3.106	3.061	0.1000	24.6	25.0	-1.5	20.0
Allyl chloride	Ave	1.950	1.812		23.2	25.0	-7.1	20.0
Methyl acetate	Ave	1.189	1.212	0.1000	51.0	50.0	2.0	50.0
Methylene Chloride	Lin1		1.187	0.1000	26.2	25.0	5.0	20.0
2-Methyl-2-propanol	Ave	0.0992	0.1460		368	250	47.1	50.0
Methyl tert-butyl ether	Ave	3.584	3.780	0.1000	26.4	25.0	5.5	20.0
trans-1,2-Dichloroethene	Ave	1.079	1.202	0.1000	27.8	25.0	11.3	20.0
Acrylonitrile	Ave	0.5729	0.6100		266	250	6.5	20.0
Hexane	Ave	1.635	1.962		30.0	25.0	20.0	20.0
1,1-Dichloroethane	Ave	1.986	2.115	0.2000	26.6	25.0	6.5	20.0
Vinyl acetate	Ave	2.254	2.349		52.1	50.0	4.2	20.0
2,2-Dichloropropane	Ave	0.9898	1.157		29.2	25.0	16.9	20.0
cis-1,2-Dichloroethene	Ave	1.191	1.323	0.1000	27.8	25.0	11.1	20.0
2-Butanone (MEK)	Ave	0.6351	0.6962	0.1000	137	125	9.6	20.0
Chlorobromomethane	Ave	0.5979	0.6544		27.4	25.0	9.5	20.0
Tetrahydrofuran	Ave	0.4439	0.4798		54.0	50.0	8.1	20.0
Chloroform	Ave	1.879	2.022	0.2000	26.9	25.0	7.6	20.0
Cyclohexane	Ave	2.075	2.383	0.1000	28.7	25.0	14.9	20.0
1,1,1-Trichloroethane	Ave	1.411	1.748	0.1000	31.0	25.0	23.9*	20.0
Carbon tetrachloride	Ave	1.166	1.477	0.1000	31.7	25.0	26.6*	20.0
1,1-Dichloropropene	Ave	1.476	1.666		28.2	25.0	12.9	20.0
Benzene	Ave	4.434	4.870	0.5000	27.5	25.0	9.8	20.0
Isobutyl alcohol	Ave	0.0390	0.0602		963	625	54.1*	50.0
1,2-Dichloroethane	Ave	1.553	1.640	0.1000	26.4	25.0	5.7	20.0
n-Heptane	Ave	1.549	1.743		28.1	25.0	12.5	20.0
Trichloroethene	Ave	1.070	1.239	0.2000	28.9	25.0	15.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674325/4 Calibration Date: 06/24/2023 13:27

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8860.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
Methylcyclohexane	Ave	1.803	2.167	0.1000	30.0	25.0	20.2*	20.0
1,2-Dichloropropane	Ave	1.086	1.158	0.1000	26.7	25.0	6.6	20.0
Dibromomethane	Ave	0.6715	0.7385	0.1000	27.5	25.0	10.0	20.0
1,4-Dioxane	Lin1		0.0074		1100	500	120.1*	50.0
Bromodichloromethane	Ave	1.304	1.467	0.2000	28.1	25.0	12.6	20.0
2-Chloroethyl vinyl ether	Ave	0.6826	0.7259		26.6	25.0	6.3	20.0
cis-1,3-Dichloropropene	Ave	1.663	1.873	0.2000	28.2	25.0	12.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7137	0.7457	0.1000	131	125	4.5	20.0
Toluene	Ave	1.467	1.595	0.4000	27.2	25.0	8.7	20.0
trans-1,3-Dichloropropene	Ave	0.7897	0.8507	0.1000	26.9	25.0	7.7	20.0
Ethyl methacrylate	Ave	0.6914	0.7477		27.0	25.0	8.1	20.0
1,1,2-Trichloroethane	Ave	0.4255	0.4350	0.1000	25.6	25.0	2.2	20.0
Tetrachloroethene	Ave	0.5600	0.6743	0.2000	30.1	25.0	20.4*	20.0
1,3-Dichloropropane	Ave	0.8966	0.9095		25.4	25.0	1.4	20.0
2-Hexanone	Ave	0.4496	0.4990	0.1000	139	125	11.0	20.0
Dibromochloromethane	Ave	0.5023	0.5418	0.1000	27.0	25.0	7.9	20.0
1,2-Dibromoethane	Ave	0.5041	0.5465		27.1	25.0	8.4	20.0
Chlorobenzene	Ave	1.546	1.621	0.5000	26.2	25.0	4.8	20.0
Ethylbenzene	Ave	2.650	2.918	0.1000	27.5	25.0	10.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5025	0.5769		28.7	25.0	14.8	20.0
m-Xylene & p-Xylene	Ave	1.008	1.166	0.1000	28.9	25.0	15.6	20.0
o-Xylene	Ave	1.054	1.158	0.3000	27.5	25.0	9.9	20.0
Styrene	Ave	1.717	1.889	0.3000	27.5	25.0	10.0	20.0
Bromoform	Ave	0.3198	0.3428	0.1000	26.8	25.0	7.2	50.0
Isopropylbenzene	Ave	2.775	3.293	0.1000	29.7	25.0	18.7	20.0
Bromobenzene	Ave	0.7059	0.7541		26.7	25.0	6.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7492	0.7878	0.3000	26.3	25.0	5.2	20.0
N-Propylbenzene	Ave	3.274	3.674		28.1	25.0	12.2	20.0
1,2,3-Trichloropropane	Ave	0.2405	0.2414		25.1	25.0	0.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2126	0.2390		28.1	25.0	12.4	50.0
2-Chlorotoluene	Ave	0.6481	0.7377		28.5	25.0	13.8	20.0
1,3,5-Trimethylbenzene	Ave	2.412	2.779		28.8	25.0	15.2	20.0
4-Chlorotoluene	Ave	0.6592	0.7523		28.5	25.0	14.1	20.0
tert-Butylbenzene	Ave	0.5199	0.5987		28.8	25.0	15.1	20.0
1,2,4-Trimethylbenzene	Ave	2.519	2.831		28.1	25.0	12.4	20.0
sec-Butylbenzene	Ave	2.972	3.436		28.9	25.0	15.6	20.0
1,3-Dichlorobenzene	Ave	1.350	1.473	0.6000	27.3	25.0	9.1	20.0
4-Isopropyltoluene	Ave	2.540	3.038		29.9	25.0	19.6	20.0
1,4-Dichlorobenzene	Ave	1.400	1.525	0.5000	27.2	25.0	8.9	20.0
n-Butylbenzene	Ave	2.174	2.516		28.9	25.0	15.7	20.0
1,2-Dichlorobenzene	Ave	1.367	1.488	0.4000	27.2	25.0	8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674325/4 Calibration Date: 06/24/2023 13:27

Instrument ID: HP5973S Calib Start Date: 06/19/2023 19:57

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/19/2023 22:41

Lab File ID: S8860.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-Dibromo-3-Chloropropane	Ave	0.1378	0.1487	0.0500	27.0	25.0	7.9	50.0
1,2,4-Trichlorobenzene	Ave	0.8894	0.9406	0.2000	26.4	25.0	5.8	20.0
Hexachlorobutadiene	Ave	0.3582	0.3925		27.4	25.0	9.6	20.0
Naphthalene	Ave	2.657	2.864		27.0	25.0	7.8	20.0
1,2,3-Trichlorobenzene	Ave	0.8810	0.8668		24.6	25.0	-1.6	20.0
Dibromofluoromethane (Surr)	Ave	1.122	1.157		25.8	25.0	3.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7743	0.7753		25.0	25.0	0.1	20.0
Toluene-d8 (Surr)	Ave	2.348	2.321		24.7	25.0	-1.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6935	0.6967		25.1	25.0	0.5	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8860.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2023 13:27:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0112432-004
Operator ID: AK Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 15:12:20 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 15:12:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	199189	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	384772	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	66	363457	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	230398	25.0	25.8	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	52	154440	25.0	25.0	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	78	892943	25.0	24.7	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.962	0.000	90	268076	25.0	25.1	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	98	258941	25.0	24.5	
12 Chloromethane	50	1.132	1.132	0.000	88	266973	25.0	22.6	
13 Vinyl chloride	62	1.199	1.199	0.000	79	255306	25.0	23.9	
151 Butadiene	54	1.223	1.223	0.000	92	249168	25.0	23.3	
14 Bromomethane	94	1.442	1.442	0.000	90	134468	25.0	21.7	
15 Chloroethane	64	1.509	1.509	0.000	95	148194	25.0	22.9	
17 Trichlorofluoromethane	101	1.686	1.686	0.000	62	309524	25.0	24.4	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	81	317316	25.0	23.3	
18 Ethyl ether	59	1.911	1.911	0.000	93	199337	25.0	23.0	
20 Acrolein	56	2.075	2.075	0.000	88	70134	125.0	118.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	80	210942	25.0	29.0	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	89	174952	25.0	27.0	
23 Acetone	43	2.221	2.221	0.000	98	405340	125.0	130.4	
25 Iodomethane	142	2.270	2.270	0.000	69	321740	25.0	25.5	
26 Carbon disulfide	76	2.282	2.282	0.000	98	609750	25.0	24.6	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	89	360914	25.0	23.2	
27 Methyl acetate	43	2.495	2.495	0.000	98	482903	50.0	51.0	
30 Methylene Chloride	84	2.580	2.580	0.000	93	236490	25.0	26.2	
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	85	290877	250.0	367.9	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	93	752881	25.0	26.4	
34 trans-1,2-Dichloroethene	96	2.793	2.793	0.000	76	239327	25.0	27.8	
33 Acrylonitrile	53	2.860	2.860	0.000	98	1215086	250.0	266.2	
35 Hexane	57	2.981	2.981	0.000	93	390850	25.0	30.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.194	3.194	0.000	97	421272	25.0	26.6	
37 Vinyl acetate	43	3.261	3.261	0.000	97	935692	50.0	52.1	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	91	230441	25.0	29.2	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	69	263501	25.0	27.8	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	98	693407	125.0	137.0	
48 Chlorobromomethane	128	3.961	3.961	0.000	97	130345	25.0	27.4	
49 Tetrahydrofuran	42	3.973	3.973	0.000	91	191161	50.0	54.0	
50 Chloroform	83	4.046	4.046	0.000	79	402734	25.0	26.9	
51 1,1,1-Trichloroethane	97	4.143	4.143	0.000	76	348258	25.0	31.0	
52 Cyclohexane	56	4.137	4.137	0.000	91	474722	25.0	28.7	
55 Carbon tetrachloride	117	4.271	4.271	0.000	82	294130	25.0	31.7	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	331821	25.0	28.2	
57 Benzene	78	4.484	4.484	0.000	96	969956	25.0	27.5	
53 Isobutyl alcohol	43	4.551	4.551	0.000	59	299578	625.0	963.4	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	80	326745	25.0	26.4	
59 n-Heptane	43	4.679	4.679	0.000	94	347225	25.0	28.1	
62 Trichloroethene	95	5.092	5.092	0.000	93	246710	25.0	28.9	
64 Methylcyclohexane	83	5.196	5.196	0.000	93	431569	25.0	30.0	
65 1,2-Dichloropropane	63	5.324	5.324	0.000	93	230653	25.0	26.7	
67 Dibromomethane	93	5.463	5.463	0.000	89	147111	25.0	27.5	
66 1,4-Dioxane	88	5.476	5.476	0.000	65	56832	500.0	1100.7	
68 Dichlorobromomethane	83	5.622	5.622	0.000	98	292286	25.0	28.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	94	144593	25.0	26.6	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	88	373172	25.0	28.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.193	6.193	0.000	97	1434626	125.0	130.6	
74 Toluene	92	6.309	6.309	0.000	94	613670	25.0	27.2	
77 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	94	327341	25.0	26.9	
75 Ethyl methacrylate	69	6.668	6.668	0.000	71	287691	25.0	27.0	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	86	167393	25.0	25.6	
81 Tetrachloroethene	166	6.826	6.826	0.000	84	259460	25.0	30.1	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	94	349951	25.0	25.4	
80 2-Hexanone	43	7.027	7.027	0.000	96	959941	125.0	138.7	
83 Chlorodibromomethane	129	7.173	7.173	0.000	87	208463	25.0	27.0	
84 Ethylene Dibromide	107	7.264	7.264	0.000	98	210263	25.0	27.1	
87 Chlorobenzene	112	7.739	7.739	0.000	92	623740	25.0	26.2	
88 Ethylbenzene	91	7.836	7.836	0.000	98	1122808	25.0	27.5	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.842	0.000	41	221987	25.0	28.7	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	448722	25.0	28.9	
91 o-Xylene	106	8.377	8.377	0.000	97	445462	25.0	27.5	
92 Styrene	104	8.408	8.408	0.000	92	726736	25.0	27.5	
95 Bromoform	173	8.645	8.645	0.000	93	131900	25.0	26.8	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	1196836	25.0	29.7	
101 Bromobenzene	156	9.101	9.101	0.000	93	274076	25.0	26.7	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	64	286337	25.0	26.3	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1335426	25.0	28.1	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	58	87743	25.0	25.1	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.247	0.000	53	86849	25.0	28.1	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	268108	25.0	28.5	
102 1,3,5-Trimethylbenzene	105	9.406	9.406	0.000	94	1010133	25.0	28.8	
105 4-Chlorotoluene	126	9.430	9.430	0.000	97	273439	25.0	28.5	
106 tert-Butylbenzene	134	9.734	9.734	0.000	90	217589	25.0	28.8	
107 1,2,4-Trimethylbenzene	105	9.795	9.795	0.000	65	1028913	25.0	28.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1248965	25.0	28.9	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	535381	25.0	27.3	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	97	1104302	25.0	29.9	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	95	554176	25.0	27.2	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	914460	25.0	28.9	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	540694	25.0	27.2	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	76	54047	25.0	27.0	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	341876	25.0	26.4	
120 Hexachlorobutadiene	225	12.095	12.095	0.000	95	142639	25.0	27.4	
121 Naphthalene	128	12.186	12.186	0.000	96	1040971	25.0	27.0	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	94	315052	25.0	24.6	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added: 12.50	Units: uL	
GAS CORP mix_00571	Amount Added: 12.50	Units: uL	
S_8260_IS_00364	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added: 1.00	Units: uL	Run Reagent

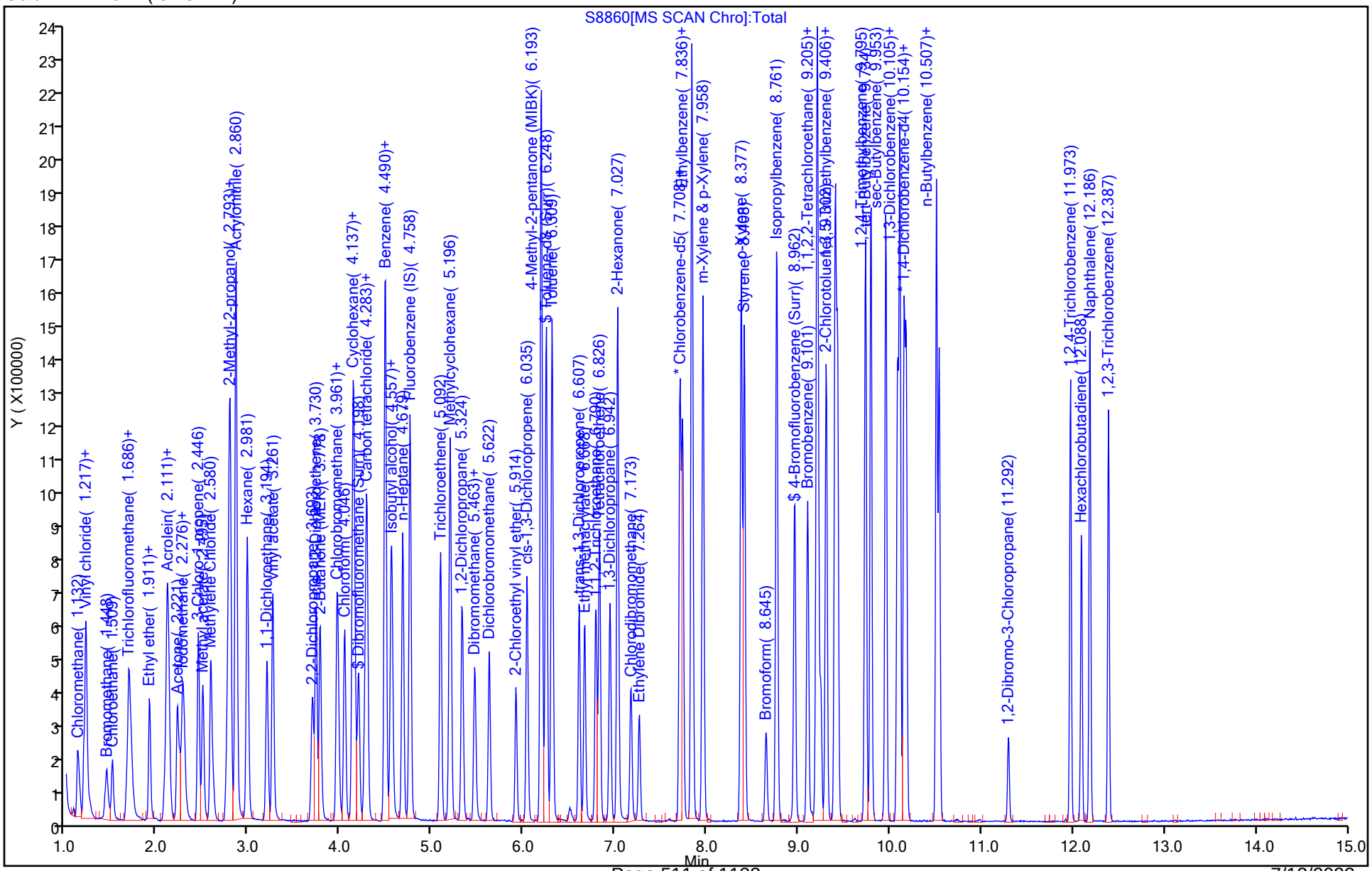
Report Date: 24-Jun-2023 15:12:20 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8860.d

Injection Date:	24-Jun-2023 13:27:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-665587/35 Calibration Date: 04/18/2023 00:20

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L4096.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
Dibromofluoromethane (Surr)	Ave	1.571	1.535		24.4	25.0	-2.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.770	1.760		24.9	25.0	-0.6	30.0
Toluene-d8 (Surr)	Ave	1.384	1.352		24.4	25.0	-2.3	30.0
4-Bromofluorobenzene (Surr)	Ave	0.3969	0.4094		25.8	25.0	3.1	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Lims ID: ICV ADD
Client ID:
Sample Type: ICV
Inject. Date: 18-Apr-2023 00:20:38 ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: icv add
Misc. Info.: 480-0111151-035
Operator ID: CB Instrument ID: HP5977L
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:39:22 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 09:58:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.776	-0.003	99	132384	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	89	571519	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	290044	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	93	203256	25.0	24.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	96	232931	25.0	24.9	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	772454	25.0	24.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	233961	25.0	25.8	
9 Chlorodifluoromethane	51	1.818	1.821	-0.003	98	320279	25.0	31.8	
11 Ethanol	45	3.062	3.040	0.022	81	51606	1000.0	1000.8	M
12 Propene oxide	58	3.136	3.133	0.003	0	357785	NC	NC	a
16 Isopropyl alcohol	45	3.490	3.493	-0.003	99	121575	250.0	248.7	M
17 Acetonitrile	40	3.660	3.650	0.010	99	212769	250.0	213.0	M
22 Isopropyl ether	45	4.278	4.277	0.001	98	795702	25.0	25.3	
23 Halothane	117	4.294	4.290	0.004	95	154816	25.0	25.5	
25 1,1-Dimethoxyethane	75	4.358	4.361	-0.003	100	322576	125.0	121.7	
24 2-Chloro-1,3-butadiene	53	4.358	4.361	-0.003	91	373182	25.0	27.3	
27 Tert-butyl ethyl ether	59	4.586	4.586	0.000	98	769202	25.0	26.1	
32 Ethyl acetate	43	4.824	4.824	0.000	99	742598	50.0	48.1	
34 Propionitrile	54	4.924	4.924	0.000	99	518332	250.0	231.0	
36 Methacrylonitrile	41	5.024	5.023	0.001	95	2148729	250.0	242.8	
43 Isooctane	57	5.503	5.506	-0.003	96	724109	25.0	28.5	
45 t-Amyl alcohol	59	5.538	5.538	0.000	93	416375	250.0	235.9	
46 Tert-amyl methyl ether	73	5.570	5.567	0.003	97	806974	25.0	25.1	
48 1,4-Difluorobenzene	114	5.856	5.853	0.003	94	629277	25.0	26.0	
51 2,4,4-Trimethyl-1-pentene	55	5.966	5.966	0.000	98	137542	NC	NC	
52 n-Butanol	56	6.040	6.039	0.001	86	196174	625.0	470.0	
53 Ethyl acrylate	55	6.162	6.158	0.004	97	776209	25.0	26.7	
54 2,4,4-Trimethyl-2-pentene	97	6.168	6.171	-0.003	93	354028	NC	NC	
55 Methyl methacrylate	41	6.364	6.364	0.000	96	548141	50.0	48.6	
59 2-Nitropropane	43	6.818	6.818	0.000	97	203792	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 Epichlorohydrin	57	6.934	6.930	0.004	100	420395	250.0	251.4	
74 n-Butyl acetate	43	7.982	7.982	0.000	99	510274	25.0	24.8	
78 1-Chlorohexane	55	8.599	8.599	0.000	95	204835	25.0	24.9	
79 3-Chlorobenzotrifluoride	180	8.609	8.609	0.000	93	287014	25.0	27.5	
80 4-Chlorobenzotrifluoride	180	8.667	8.666	0.001	96	258677	25.0	27.0	
86 2-Chlorobenzotrifluoride	180	9.599	9.599	0.000	96	290896	25.0	27.5	
89 Cyclohexanone	55	9.898	9.898	0.000	94	126017	250.0	235.8	
92 3-Chlorotoluene	126	10.316	10.316	0.000	96	250453	25.0	27.6	
97 Pentachloroethane	167	10.705	10.705	0.000	0	94061	25.0	22.9	
99 Dicyclopentadiene	66	11.069	11.068	0.001	97	985218	25.0	25.8	
100 1,2,3-Trimethylbenzene	105	11.097	11.097	0.000	98	823457	25.0	26.4	
102 Benzyl chloride	126	11.220	11.219	0.001	99	104635	25.0	23.8	
108 1,3,5-Trichlorobenzene	180	12.252	12.252	0.000	98	320647	25.0	26.2	
125 2-Methylnaphthalene	142	13.972	13.972	0.000	94	635124	25.0	26.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

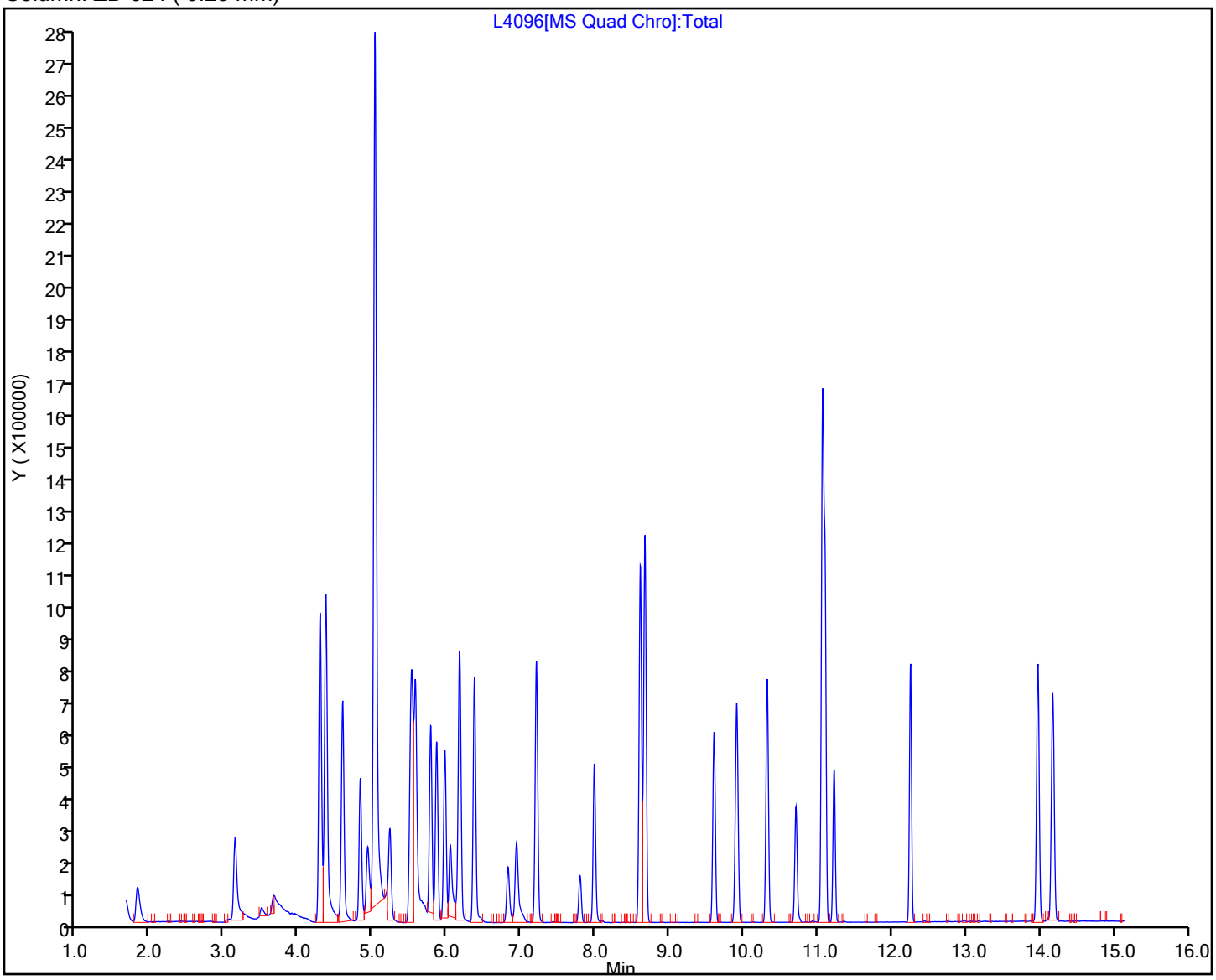
Reagents:

3_MCP_Add_WRK_00403	Amount Added:	12.50	Units: uL	
SS ADD CORP_00085	Amount Added:	12.50	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:39:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Injection Date: 18-Apr-2023 00:20:38 Instrument ID: HP5977L
Lims ID: ICV ADD
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-665587/35 Calibration Date: 04/18/2023 00:20

Instrument ID: HP5977L Calib Start Date: 04/17/2023 20:16

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 22:43

Lab File ID: L4096.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
Chlorodifluoromethane	Ave	1.900	2.419		31.8	25.0	27.3	30.0
Ethanol	Lin1		0.0097		1000	1000	0.0	30.0
Isopropyl alcohol	Ave	0.0923	0.0918		249	250	-0.5	30.0
Acetonitrile	Ave	0.1886	0.1607		213	250	-14.8	30.0
Isopropyl ether	Ave	5.946	6.011		25.3	25.0	1.1	30.0
Halothane	Ave	1.148	1.169		25.5	25.0	1.8	30.0
1,1-Dimethoxyethane	Ave	0.5004	0.4873		122	125	-2.6	30.0
Chloroprene	Ave	2.585	2.819		27.3	25.0	9.0	30.0
Tert-butyl ethyl ether	Ave	5.566	5.810		26.1	25.0	4.4	30.0
Ethyl acetate	Ave	2.915	2.805		48.1	50.0	-3.8	30.0
Propionitrile	Ave	0.4237	0.3915		231	250	-7.6	30.0
Methacrylonitrile	Ave	1.672	1.623		243	250	-2.9	30.0
Isooctane	Ave	4.790	5.470		28.5	25.0	14.2	30.0
t-Amyl alcohol	Ave	0.3333	0.3145		236	250	-5.6	30.0
Tert-amyl methyl ether	Ave	6.066	6.096		25.1	25.0	0.5	30.0
1,4-Difluorobenzene	Ave	4.576	4.753		26.0	25.0	3.9	30.0
n-Butanol	Ave	0.0788	0.0593		470	625	-24.8	30.0
Ethyl acrylate	Ave	5.491	5.863		26.7	25.0	6.8	30.0
Methyl methacrylate	Ave	2.129	2.070		48.6	50.0	-2.8	30.0
2-Nitropropane	Ave	0.3445	0.3513		51.0	50.0	2.0	30.0
Epichlorohydrin	Ave	0.3158	0.3176		251	250	0.5	30.0
n-Butyl acetate	Ave	0.9001	0.8928	0.1000	24.8	25.0	-0.8	30.0
1-Chlorohexane	Ave	0.3595	0.3584		24.9	25.0	-0.3	30.0
3-Chlorobenzotrifluoride	Ave	0.9001	0.9896		27.5	25.0	9.9	30.0
4-Chlorobenzotrifluoride	Ave	0.8252	0.8919		27.0	25.0	8.1	30.0
2-Chlorobenzotrifluoride	Ave	0.9128	1.003		27.5	25.0	9.9	30.0
Cyclohexanone	Ave	0.0461	0.0434		236	250	-5.7	30.0
3-Chlorotoluene	Ave	0.7811	0.8635		27.6	25.0	10.5	30.0
Pentachloroethane	Ave	0.3534	0.3243		22.9	25.0	-8.2	30.0
Dicyclopentadiene	Ave	3.286	3.397		25.8	25.0	3.4	30.0
1,2,3-Trimethylbenzene	Ave	2.692	2.839		26.4	25.0	5.5	30.0
Benzyl chloride	Ave	0.1920	0.1831		23.8	25.0	-4.6	30.0
1,3,5-Trichlorobenzene	Ave	1.054	1.106		26.2	25.0	4.9	30.0
2-Methylnaphthalene	Ave	2.052	2.190		26.7	25.0	6.7	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Lims ID: ICV ADD
Client ID:
Sample Type: ICV
Inject. Date: 18-Apr-2023 00:20:38 ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: icv add
Misc. Info.: 480-0111151-035
Operator ID: CB Instrument ID: HP5977L
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:39:22 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 18-Apr-2023 09:58:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.776	-0.003	99	132384	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	89	571519	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	290044	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	93	203256	25.0	24.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	96	232931	25.0	24.9	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	772454	25.0	24.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	99	233961	25.0	25.8	
9 Chlorodifluoromethane	51	1.818	1.821	-0.003	98	320279	25.0	31.8	
11 Ethanol	45	3.062	3.040	0.022	81	51606	1000.0	1000.8	M
12 Propene oxide	58	3.136	3.133	0.003	0	357785	NC	NC	a
16 Isopropyl alcohol	45	3.490	3.493	-0.003	99	121575	250.0	248.7	M
17 Acetonitrile	40	3.660	3.650	0.010	99	212769	250.0	213.0	M
22 Isopropyl ether	45	4.278	4.277	0.001	98	795702	25.0	25.3	
23 Halothane	117	4.294	4.290	0.004	95	154816	25.0	25.5	
25 1,1-Dimethoxyethane	75	4.358	4.361	-0.003	100	322576	125.0	121.7	
24 2-Chloro-1,3-butadiene	53	4.358	4.361	-0.003	91	373182	25.0	27.3	
27 Tert-butyl ethyl ether	59	4.586	4.586	0.000	98	769202	25.0	26.1	
32 Ethyl acetate	43	4.824	4.824	0.000	99	742598	50.0	48.1	
34 Propionitrile	54	4.924	4.924	0.000	99	518332	250.0	231.0	
36 Methacrylonitrile	41	5.024	5.023	0.001	95	2148729	250.0	242.8	
43 Isooctane	57	5.503	5.506	-0.003	96	724109	25.0	28.5	
45 t-Amyl alcohol	59	5.538	5.538	0.000	93	416375	250.0	235.9	
46 Tert-amyl methyl ether	73	5.570	5.567	0.003	97	806974	25.0	25.1	
48 1,4-Difluorobenzene	114	5.856	5.853	0.003	94	629277	25.0	26.0	
51 2,4,4-Trimethyl-1-pentene	55	5.966	5.966	0.000	98	137542	NC	NC	
52 n-Butanol	56	6.040	6.039	0.001	86	196174	625.0	470.0	
53 Ethyl acrylate	55	6.162	6.158	0.004	97	776209	25.0	26.7	
54 2,4,4-Trimethyl-2-pentene	97	6.168	6.171	-0.003	93	354028	NC	NC	
55 Methyl methacrylate	41	6.364	6.364	0.000	96	548141	50.0	48.6	
59 2-Nitropropane	43	6.818	6.818	0.000	97	203792	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
63 Epichlorohydrin	57	6.934	6.930	0.004	100	420395	250.0	251.4	
74 n-Butyl acetate	43	7.982	7.982	0.000	99	510274	25.0	24.8	
78 1-Chlorohexane	55	8.599	8.599	0.000	95	204835	25.0	24.9	
79 3-Chlorobenzotrifluoride	180	8.609	8.609	0.000	93	287014	25.0	27.5	
80 4-Chlorobenzotrifluoride	180	8.667	8.666	0.001	96	258677	25.0	27.0	
86 2-Chlorobenzotrifluoride	180	9.599	9.599	0.000	96	290896	25.0	27.5	
89 Cyclohexanone	55	9.898	9.898	0.000	94	126017	250.0	235.8	
92 3-Chlorotoluene	126	10.316	10.316	0.000	96	250453	25.0	27.6	
97 Pentachloroethane	167	10.705	10.705	0.000	0	94061	25.0	22.9	
99 Dicyclopentadiene	66	11.069	11.068	0.001	97	985218	25.0	25.8	
100 1,2,3-Trimethylbenzene	105	11.097	11.097	0.000	98	823457	25.0	26.4	
102 Benzyl chloride	126	11.220	11.219	0.001	99	104635	25.0	23.8	
108 1,3,5-Trichlorobenzene	180	12.252	12.252	0.000	98	320647	25.0	26.2	
125 2-Methylnaphthalene	142	13.972	13.972	0.000	94	635124	25.0	26.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

3_MCP_Add_WRK_00403	Amount Added:	12.50	Units: uL	
SS ADD CORP_00085	Amount Added:	12.50	Units: uL	
L_8260_IS_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00043	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 10:39:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D

Injection Date: 18-Apr-2023 00:20:38 Instrument ID: HP5977L

Lims ID: ICV ADD

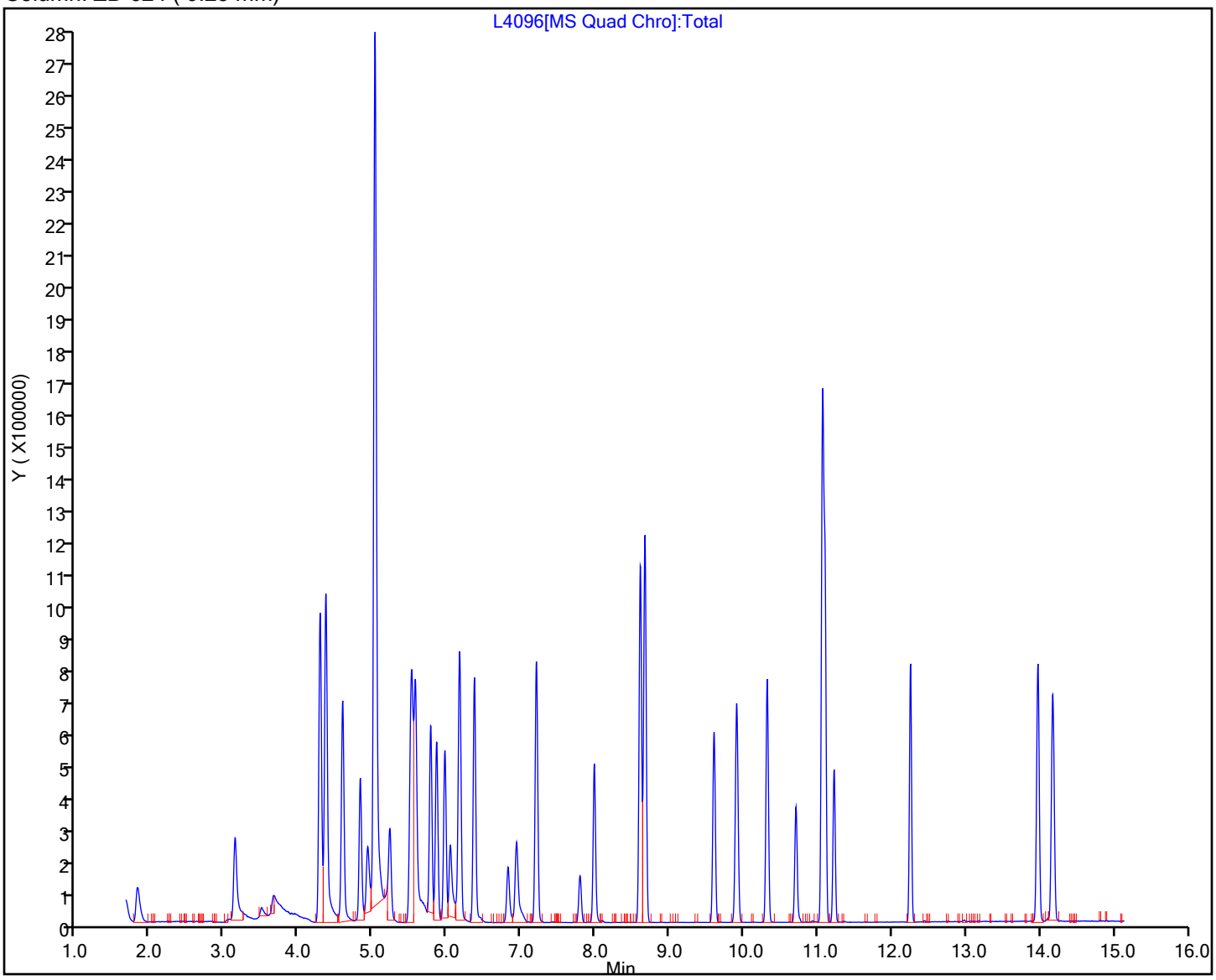
Client ID:

Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 35

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

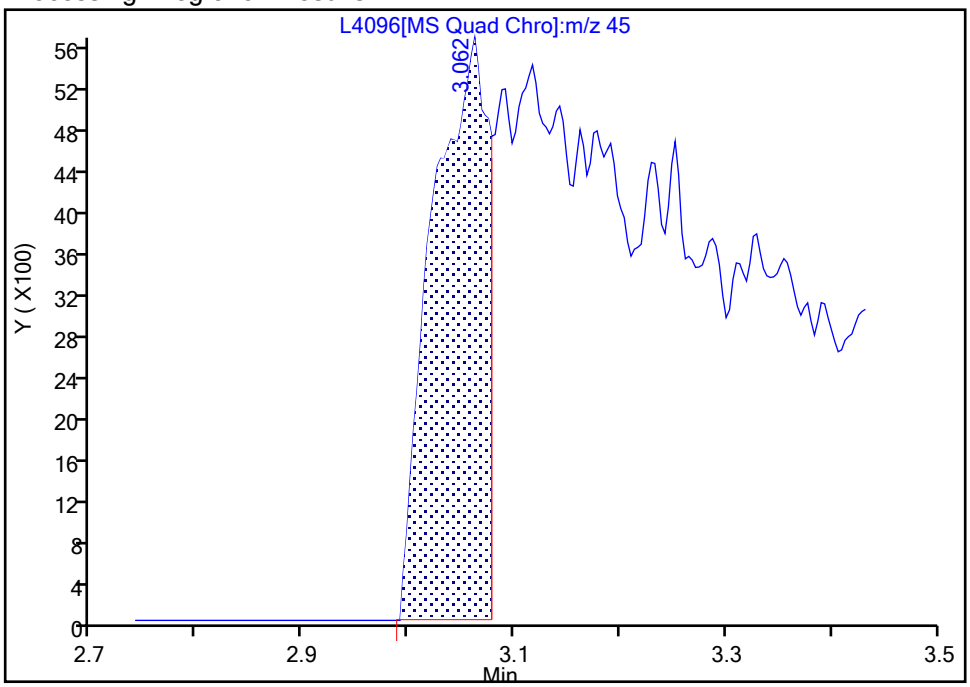
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Injection Date: 18-Apr-2023 00:20:38 Instrument ID: HP5977L
Lims ID: ICV ADD
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

11 Ethanol, CAS: 64-17-5

Signal: 1

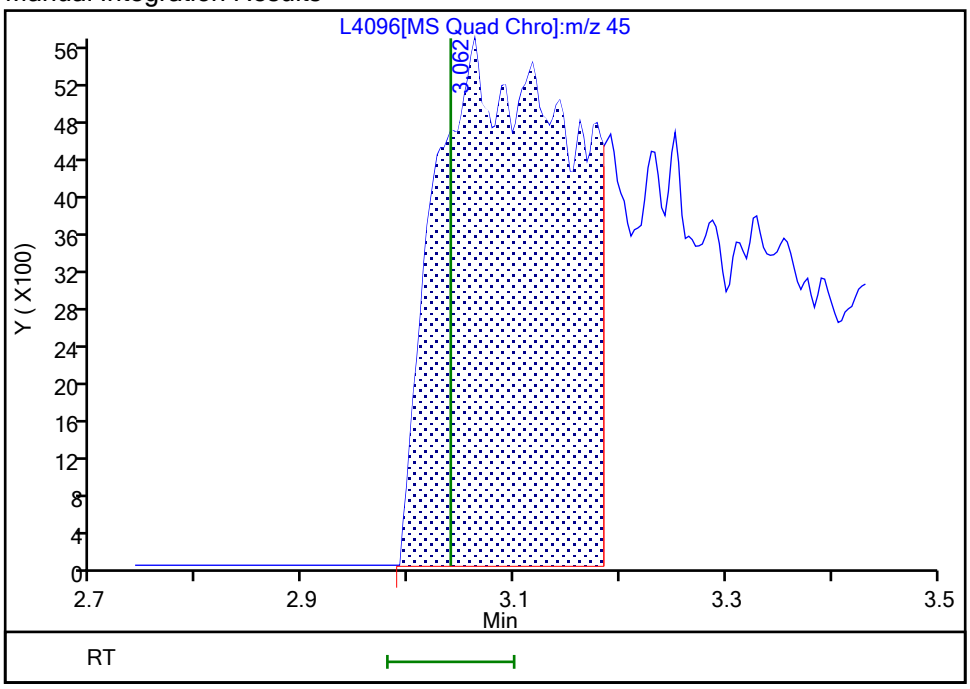
Processing Integration Results

RT: 3.06
Area: 20867
Amount: 419.4465
Amount Units: ug/L



Manual Integration Results

RT: 3.06
Area: 51606
Amount: 1000.8019
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:57:40
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

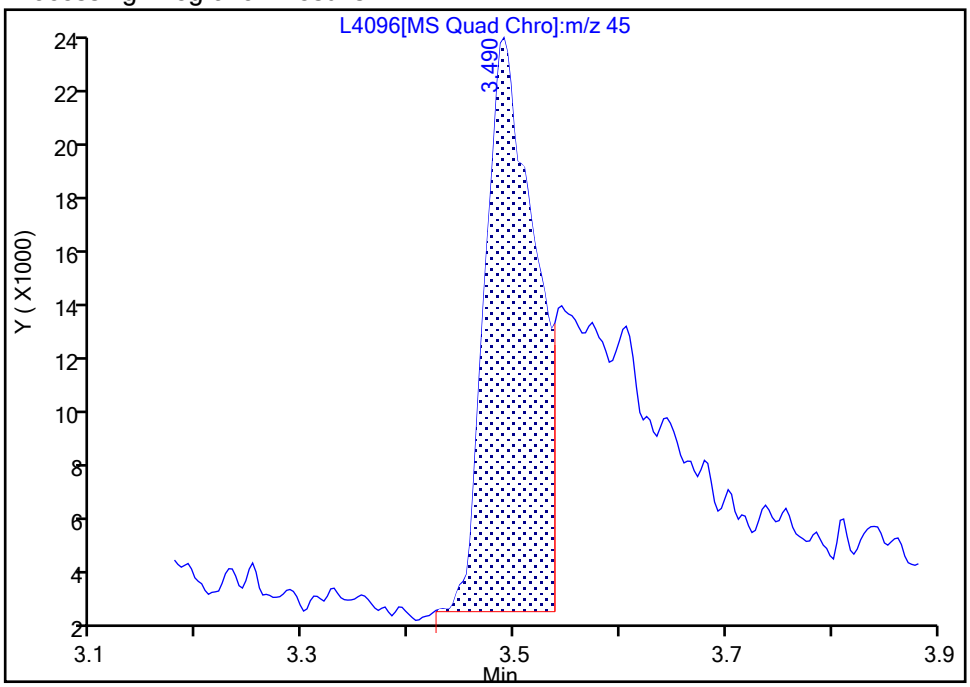
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Injection Date: 18-Apr-2023 00:20:38 Instrument ID: HP5977L
Lims ID: ICV ADD
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

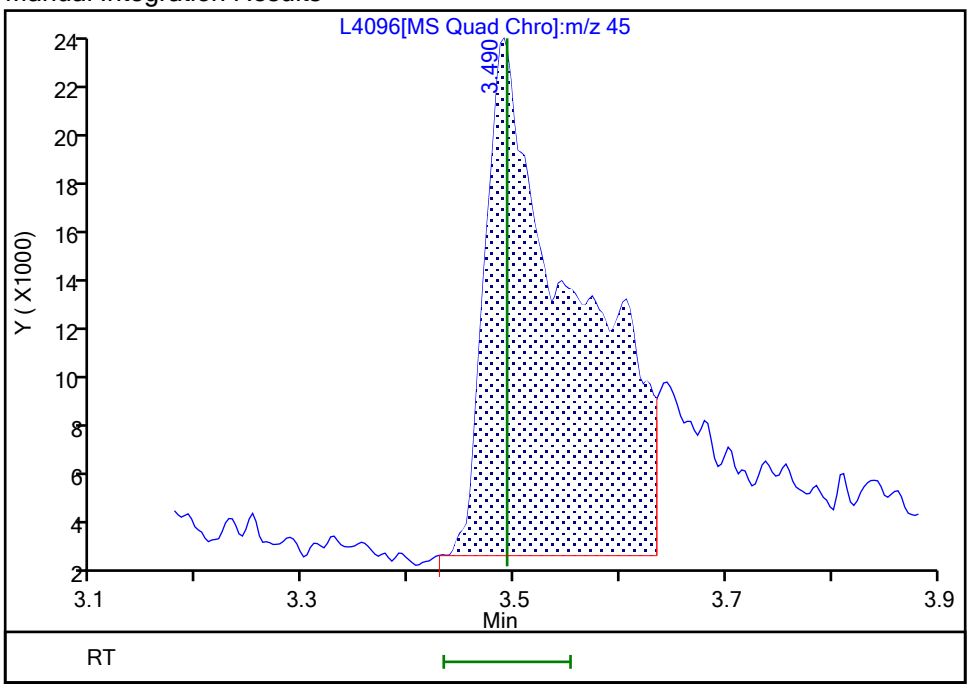
Processing Integration Results

RT: 3.49
Area: 68591
Amount: 140.3032
Amount Units: ug/L



Manual Integration Results

RT: 3.49
Area: 121575
Amount: 248.6822
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:57:15
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

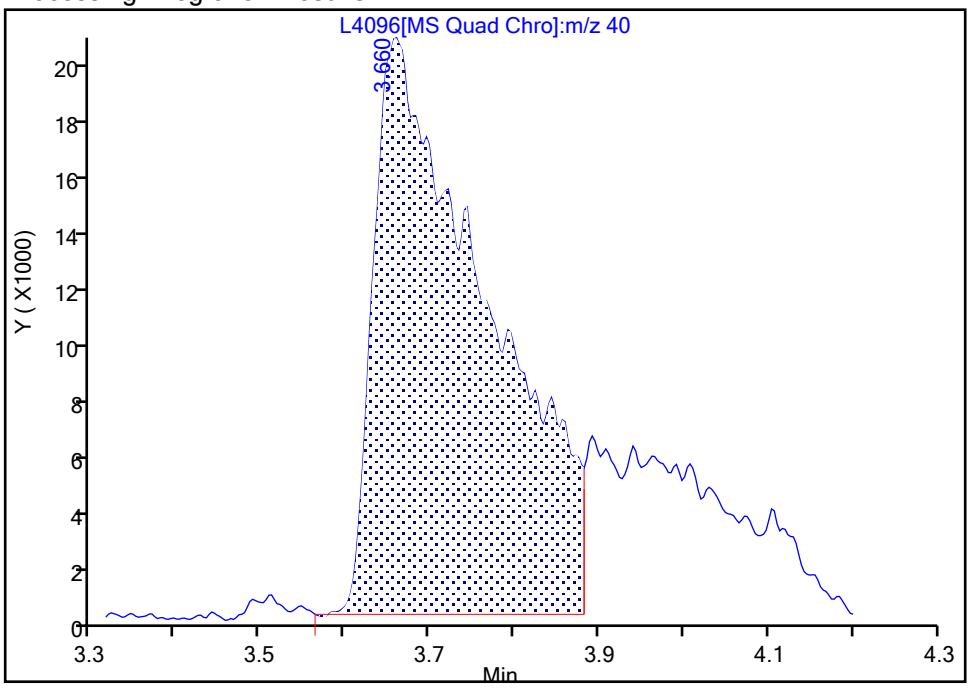
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4096.D
Injection Date: 18-Apr-2023 00:20:38 Instrument ID: HP5977L
Lims ID: ICV ADD
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

17 Acetonitrile, CAS: 75-05-8

Signal: 1

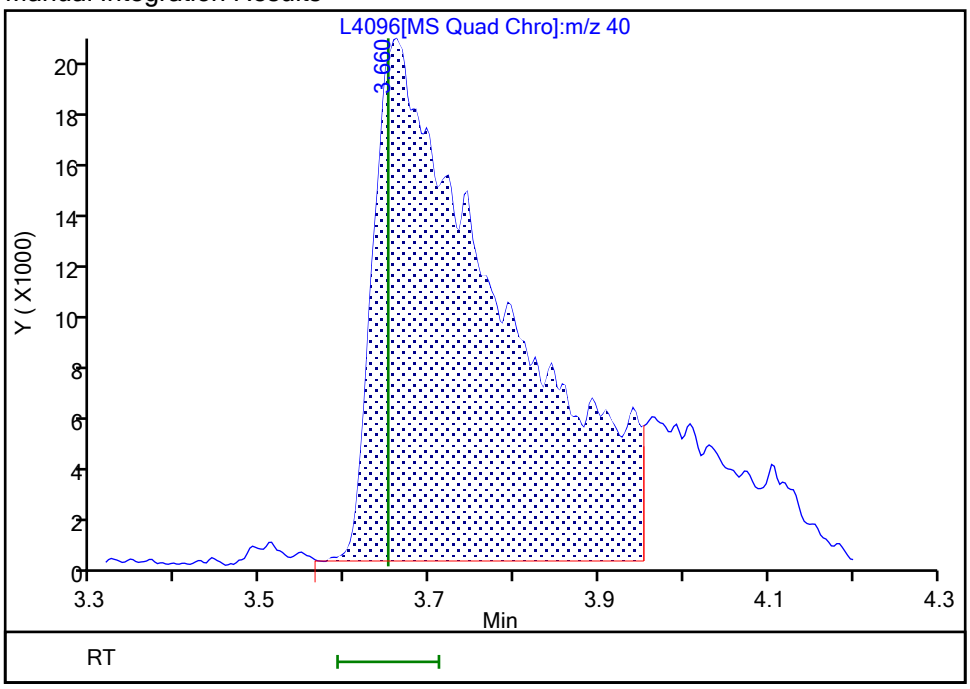
Processing Integration Results

RT: 3.66
Area: 187475
Amount: 187.7132
Amount Units: ug/L



Manual Integration Results

RT: 3.66
Area: 212769
Amount: 213.0394
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 09:56:54
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-665800/4 Calibration Date: 04/18/2023 12:04

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L4100.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
Dichlorodifluoromethane	Ave	1.490	1.789	0.1000	30.0	25.0	20.1	50.0
Chloromethane	Ave	2.217	2.065	0.1000	23.3	25.0	-6.9	30.0
Vinyl chloride	Ave	1.822	1.896	0.1000	26.0	25.0	4.1	30.0
Butadiene	Ave	1.955	2.035		26.0	25.0	4.1	30.0
Bromomethane	Ave	1.139	1.062	0.1000	23.3	25.0	-6.7	50.0
Chloroethane	Ave	1.150	1.115	0.1000	24.2	25.0	-3.0	50.0
Dichlorofluoromethane	Ave	2.340	2.317		24.8	25.0	-1.0	30.0
Trichlorofluoromethane	Ave	1.977	2.111	0.1000	26.7	25.0	6.8	30.0
Ethyl ether	Ave	1.553	1.591		25.6	25.0	2.4	30.0
Acrolein	Ave	0.1411	0.1724		153	125	22.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.168	1.385	0.1000	29.6	25.0	18.5	30.0
1,1-Dichloroethene	Ave	1.251	1.286	0.1000	25.7	25.0	2.8	30.0
Acetone	Ave	0.6924	0.7708	0.1000	139	125	11.3	50.0
Iodomethane	Ave	2.430	2.440		25.1	25.0	0.4	30.0
Carbon disulfide	Ave	3.739	4.001	0.1000	26.8	25.0	7.0	30.0
Allyl chloride	Ave	2.639	2.730		25.9	25.0	3.5	30.0
Methyl acetate	Ave	2.215	2.194	0.1000	49.5	50.0	-1.0	50.0
Methylene Chloride	Lin1		1.565	0.1000	26.1	25.0	4.5	30.0
2-Methyl-2-propanol	Ave	0.1549	0.2267		366	250	46.4	50.0
Methyl tert-butyl ether	Ave	4.565	4.692	0.1000	25.7	25.0	2.8	30.0
trans-1,2-Dichloroethene	Ave	1.507	1.529	0.1000	25.4	25.0	1.5	30.0
Acrylonitrile	Ave	1.088	1.026		236	250	-5.7	30.0
Hexane	Ave	1.980	2.534		32.0	25.0	28.0	30.0
1,1-Dichloroethane	Ave	2.668	2.699	0.2000	25.3	25.0	1.2	30.0
Vinyl acetate	Ave	3.903	4.044		51.8	50.0	3.6	30.0
2,2-Dichloropropane	Ave	1.377	1.478		26.8	25.0	7.3	30.0
cis-1,2-Dichloroethene	Ave	1.649	1.675	0.1000	25.4	25.0	1.5	30.0
2-Butanone (MEK)	Ave	1.388	1.310	0.1000	118	125	-5.6	30.0
Chlorobromomethane	Ave	0.8591	0.8827		25.7	25.0	2.7	30.0
Tetrahydrofuran	Ave	0.9396	0.8778		46.7	50.0	-6.6	30.0
Chloroform	Ave	2.552	2.498	0.2000	24.5	25.0	-2.1	30.0
1,1,1-Trichloroethane	Ave	2.105	2.164	0.1000	25.7	25.0	2.8	30.0
Cyclohexane	Ave	2.520	2.884	0.1000	28.6	25.0	14.4	30.0
Carbon tetrachloride	Ave	1.859	1.951	0.1000	26.2	25.0	4.9	30.0
1,1-Dichloropropene	Ave	1.905	1.960		25.7	25.0	2.9	30.0
Isobutyl alcohol	Ave	0.1470	0.1443		614	625	-1.8	50.0
Benzene	Ave	5.815	5.698	0.5000	24.5	25.0	-2.0	30.0
1,2-Dichloroethane	Ave	2.227	2.105	0.1000	23.6	25.0	-5.5	30.0
n-Heptane	Ave	2.327	2.712		29.1	25.0	16.5	30.0
Trichloroethene	Ave	1.516	1.519	0.2000	25.1	25.0	0.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-665800/4 Calibration Date: 04/18/2023 12:04

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L4100.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
Methylcyclohexane	Ave	2.106	2.518	0.1000	29.9	25.0	19.6	30.0
1,2-Dichloropropane	Ave	1.556	1.564	0.1000	25.1	25.0	0.5	30.0
1,4-Dioxane	Ave	0.0042	0.0046		544	500	8.7	50.0
Dibromomethane	Ave	1.036	1.023	0.1000	24.7	25.0	-1.2	30.0
Bromodichloromethane	Ave	1.914	1.965	0.2000	25.7	25.0	2.7	30.0
2-Chloroethyl vinyl ether	Ave	1.242	1.297		26.1	25.0	4.5	30.0
cis-1,3-Dichloropropene	Ave	2.375	2.492	0.2000	26.2	25.0	4.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6762	0.6290	0.1000	116	125	-7.0	30.0
Toluene	Ave	0.8920	0.8795	0.4000	24.7	25.0	-1.4	30.0
trans-1,3-Dichloropropene	Ave	0.5219	0.5448	0.1000	26.1	25.0	4.4	30.0
Ethyl methacrylate	Ave	0.5239	0.5365		25.6	25.0	2.4	30.0
1,1,2-Trichloroethane	Ave	0.2913	0.2825	0.1000	24.2	25.0	-3.0	30.0
Tetrachloroethene	Ave	0.3722	0.3772	0.2000	25.3	25.0	1.4	30.0
1,3-Dichloropropane	Ave	0.5955	0.5793		24.3	25.0	-2.7	30.0
2-Hexanone	Ave	0.4804	0.4562	0.1000	119	125	-5.0	30.0
Dibromochloromethane	Ave	0.3856	0.3987	0.1000	25.9	25.0	3.4	30.0
1,2-Dibromoethane	Ave	0.3829	0.3828		25.0	25.0	-0.0	30.0
Chlorobenzene	Ave	1.028	1.004	0.5000	24.4	25.0	-2.3	30.0
Ethylbenzene	Ave	1.615	1.611	0.1000	24.9	25.0	-0.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3642	0.3665		25.2	25.0	0.6	30.0
m-Xylene & p-Xylene	Ave	0.6501	0.6524	0.1000	25.1	25.0	0.3	30.0
o-Xylene	Ave	0.6474	0.6583	0.3000	25.4	25.0	1.7	30.0
Styrene	Ave	1.054	1.079	0.3000	25.6	25.0	2.4	30.0
Bromoform	Ave	0.2695	0.2762	0.1000	25.6	25.0	2.5	50.0
Isopropylbenzene	Ave	3.207	3.372	0.1000	26.3	25.0	5.1	30.0
Bromobenzene	Ave	0.8410	0.8632		25.7	25.0	2.6	30.0
1,1,2,2-Tetrachloroethane	Ave	1.088	1.081	0.3000	24.8	25.0	-0.6	30.0
N-Propylbenzene	Ave	3.782	3.980		26.3	25.0	5.3	30.0
1,2,3-Trichloropropane	Ave	0.3603	0.3545		24.6	25.0	-1.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3622	0.3997		27.6	25.0	10.4	50.0
2-Chlorotoluene	Ave	0.7838	0.8201		26.2	25.0	4.6	30.0
1,3,5-Trimethylbenzene	Ave	2.649	2.809		26.5	25.0	6.0	30.0
4-Chlorotoluene	Ave	2.252	2.332		25.9	25.0	3.6	30.0
tert-Butylbenzene	Ave	0.6307	0.6649		26.4	25.0	5.4	30.0
1,2,4-Trimethylbenzene	Ave	2.741	2.900		26.4	25.0	5.8	30.0
sec-Butylbenzene	Ave	3.482	3.636		26.1	25.0	4.4	30.0
4-Isopropyltoluene	Ave	2.960	3.174		26.8	25.0	7.2	30.0
1,3-Dichlorobenzene	Ave	1.582	1.628	0.6000	25.7	25.0	2.9	30.0
1,4-Dichlorobenzene	Ave	1.657	1.640	0.5000	24.7	25.0	-1.0	30.0
n-Butylbenzene	Ave	2.600	2.751		26.5	25.0	5.8	30.0
1,2-Dichlorobenzene	Ave	1.556	1.572	0.4000	25.3	25.0	1.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 480-665800/4 Calibration Date: 04/18/2023 12:04

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L4100.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-Dibromo-3-Chloropropane	Ave	0.2273	0.2250	0.0500	24.7	25.0	-1.0	50.0
1,2,4-Trichlorobenzene	Ave	1.036	1.104	0.2000	26.6	25.0	6.6	30.0
Hexachlorobutadiene	Ave	0.4008	0.4536		28.3	25.0	13.2	30.0
Naphthalene	Ave	3.624	3.759		25.9	25.0	3.7	30.0
1,2,3-Trichlorobenzene	Ave	0.995	1.047		26.3	25.0	5.2	30.0
Dibromofluoromethane (Surr)	Ave	1.571	1.555		24.7	25.0	-1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.770	1.741		24.6	25.0	-1.6	30.0
Toluene-d8 (Surr)	Ave	1.384	1.368		24.7	25.0	-1.1	30.0
4-Bromofluorobenzene (Surr)	Ave	0.3969	0.4023		25.3	25.0	1.4	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 18-Apr-2023 12:04:30 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0111184-004
Operator ID: CB Instrument ID: HP5977L
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 13:05:31 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: LS5G Date: 18-Apr-2023 13:04:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.773	5.773	0.000	99	149705	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	86	630623	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	306062	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	93	232826	25.0	24.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.522	5.522	0.000	97	260678	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	93	862997	25.0	24.7	
$ 7 4-Bromofluorobenzene (Surr)	174	9.904	9.905	-0.001	99	253728	25.0	25.3	
10 Dichlorodifluoromethane	85	1.792	1.789	0.003	99	267839	25.0	30.0	
13 Chloromethane	50	2.027	2.020	0.007	100	309103	25.0	23.3	
14 Vinyl chloride	62	2.139	2.133	0.006	98	283806	25.0	26.0	
15 Butadiene	54	2.152	2.152	0.000	94	304694	25.0	26.0	
18 Bromomethane	94	2.509	2.503	0.006	89	159041	25.0	23.3	
19 Chloroethane	64	2.567	2.564	0.003	99	166932	25.0	24.2	
20 Dichlorofluoromethane	67	2.782	2.786	-0.004	97	346884	25.0	24.8	
21 Trichlorofluoromethane	101	2.805	2.805	0.000	96	315969	25.0	26.7	M
26 Ethyl ether	59	3.030	3.030	0.000	96	238111	25.0	25.6	
28 Acrolein	56	3.213	3.217	-0.004	99	129074	125.0	152.8	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.249	3.246	0.003	95	207354	25.0	29.6	M
30 1,1-Dichloroethene	96	3.268	3.268	0.000	96	192559	25.0	25.7	
31 Acetone	43	3.358	3.355	0.003	99	576957	125.0	139.1	
33 Iodomethane	142	3.451	3.448	0.003	98	365299	25.0	25.1	
35 Carbon disulfide	76	3.490	3.493	-0.003	100	598940	25.0	26.8	
37 3-Chloro-1-propene	41	3.593	3.590	0.003	90	408678	25.0	25.9	
38 Methyl acetate	43	3.612	3.612	0.000	99	656809	50.0	49.5	M
39 Methylene Chloride	84	3.728	3.734	-0.006	98	234214	25.0	26.1	
40 2-Methyl-2-propanol	59	3.834	3.831	0.003	99	339454	250.0	366.1	
41 Methyl tert-butyl ether	73	3.898	3.898	0.000	97	702389	25.0	25.7	
42 trans-1,2-Dichloroethene	96	3.927	3.927	0.000	97	228954	25.0	25.4	
44 Acrylonitrile	53	3.972	3.972	0.000	98	1536062	250.0	235.9	
47 Hexane	57	4.085	4.085	0.000	93	379286	25.0	32.0	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.306	4.307	-0.001	96	404032	25.0	25.3	
49 Vinyl acetate	43	4.319	4.319	0.000	98	1210735	50.0	51.8	
56 2,2-Dichloropropane	77	4.782	4.779	0.003	89	221215	25.0	26.8	
58 cis-1,2-Dichloroethene	96	4.805	4.805	0.000	81	250692	25.0	25.4	
57 2-Butanone (MEK)	43	4.818	4.818	0.000	99	980611	125.0	118.0	
60 Chlorobromomethane	128	5.027	5.024	0.003	97	132141	25.0	25.7	
61 Tetrahydrofuran	42	5.046	5.046	0.000	91	262834	50.0	46.7	
62 Chloroform	83	5.075	5.075	0.000	93	373953	25.0	24.5	
64 1,1,1-Trichloroethane	97	5.207	5.207	0.000	99	323921	25.0	25.7	
65 Cyclohexane	56	5.223	5.223	0.000	95	431783	25.0	28.6	
67 1,1-Dichloropropene	75	5.339	5.339	0.000	94	293487	25.0	25.7	
66 Carbon tetrachloride	117	5.335	5.339	-0.004	97	292011	25.0	26.2	
69 Isobutyl alcohol	43	5.464	5.461	0.003	96	540174	625.0	613.6	
70 Benzene	78	5.535	5.538	-0.003	97	852951	25.0	24.5	
72 1,2-Dichloroethane	62	5.589	5.590	-0.001	96	315091	25.0	23.6	
73 n-Heptane	43	5.647	5.647	0.000	95	405928	25.0	29.1	
75 Trichloroethene	95	6.091	6.091	0.000	96	227450	25.0	25.1	
76 Methylcyclohexane	83	6.213	6.213	0.000	94	376950	25.0	29.9	
77 1,2-Dichloropropane	63	6.322	6.326	-0.004	94	234106	25.0	25.1	
81 1,4-Dioxane	88	6.441	6.438	0.003	97	58187	500.0	543.5	M
82 Dibromomethane	93	6.461	6.461	0.000	96	153188	25.0	24.7	
83 Dichlorobromomethane	83	6.583	6.583	0.000	98	294245	25.0	25.7	
84 2-Chloroethyl vinyl ether	63	6.814	6.815	-0.001	93	194199	25.0	26.1	
85 cis-1,3-Dichloropropene	75	6.975	6.975	0.000	93	373088	25.0	26.2	
87 4-Methyl-2-pentanone (MIBK)	43	7.091	7.091	0.000	98	1983318	125.0	116.3	
88 Toluene	92	7.265	7.265	0.000	98	554637	25.0	24.7	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	96	343587	25.0	26.1	
90 Ethyl methacrylate	69	7.519	7.519	0.000	92	338359	25.0	25.6	
93 1,1,2-Trichloroethane	83	7.708	7.708	0.000	92	178147	25.0	24.2	
94 Tetrachloroethene	166	7.789	7.789	0.000	97	237872	25.0	25.3	
95 1,3-Dichloropropane	76	7.872	7.872	0.000	96	365308	25.0	24.3	
96 2-Hexanone	43	7.898	7.901	-0.003	98	1438576	125.0	118.7	
98 Chlorodibromomethane	129	8.113	8.114	-0.001	90	251444	25.0	25.9	
101 Ethylene Dibromide	107	8.239	8.236	0.003	98	241422	25.0	25.0	
103 Chlorobenzene	112	8.692	8.692	0.000	96	633221	25.0	24.4	
104 Ethylbenzene	91	8.763	8.760	0.003	98	1016022	25.0	24.9	
105 1,1,1,2-Tetrachloroethane	131	8.776	8.776	0.000	96	231109	25.0	25.2	
106 m-Xylene & p-Xylene	106	8.879	8.876	0.003	99	411421	25.0	25.1	
107 o-Xylene	106	9.310	9.310	0.000	96	415116	25.0	25.4	
109 Styrene	104	9.335	9.335	0.000	96	680753	25.0	25.6	
110 Bromoform	173	9.609	9.609	0.000	96	174183	25.0	25.6	
111 Isopropylbenzene	105	9.683	9.683	0.000	95	1032178	25.0	26.3	
113 Bromobenzene	156	10.075	10.078	-0.003	94	264203	25.0	25.7	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	94	330880	25.0	24.8	
114 N-Propylbenzene	91	10.126	10.123	0.003	99	1218200	25.0	26.3	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.136	0.003	76	122346	25.0	27.6	
116 1,2,3-Trichloropropane	110	10.139	10.139	0.000	87	108507	25.0	24.6	
117 2-Chlorotoluene	126	10.255	10.252	0.003	98	251007	25.0	26.2	
118 1,3,5-Trimethylbenzene	105	10.297	10.297	0.000	95	859619	25.0	26.5	
119 4-Chlorotoluene	91	10.364	10.364	0.000	97	713727	25.0	25.9	
120 tert-Butylbenzene	134	10.628	10.628	0.000	93	203500	25.0	26.4	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	-0.001	96	887640	25.0	26.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	94	1112986	25.0	26.1	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	971369	25.0	26.8	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	498126	25.0	25.7	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	95	502006	25.0	24.7	
127 n-Butylbenzene	91	11.351	11.348	0.003	98	841956	25.0	26.5	
128 1,2-Dichlorobenzene	146	11.432	11.435	-0.003	99	481120	25.0	25.3	
129 1,2-Dibromo-3-Chloropropane	75	12.133	12.130	0.003	88	68870	25.0	24.7	
130 1,2,4-Trichlorobenzene	180	12.760	12.757	0.003	95	337934	25.0	26.6	
131 Hexachlorobutadiene	225	12.846	12.847	-0.001	96	138819	25.0	28.3	
132 Naphthalene	128	12.975	12.975	0.000	97	1150559	25.0	25.9	
133 1,2,3-Trichlorobenzene	180	13.174	13.175	-0.001	96	320448	25.0	26.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

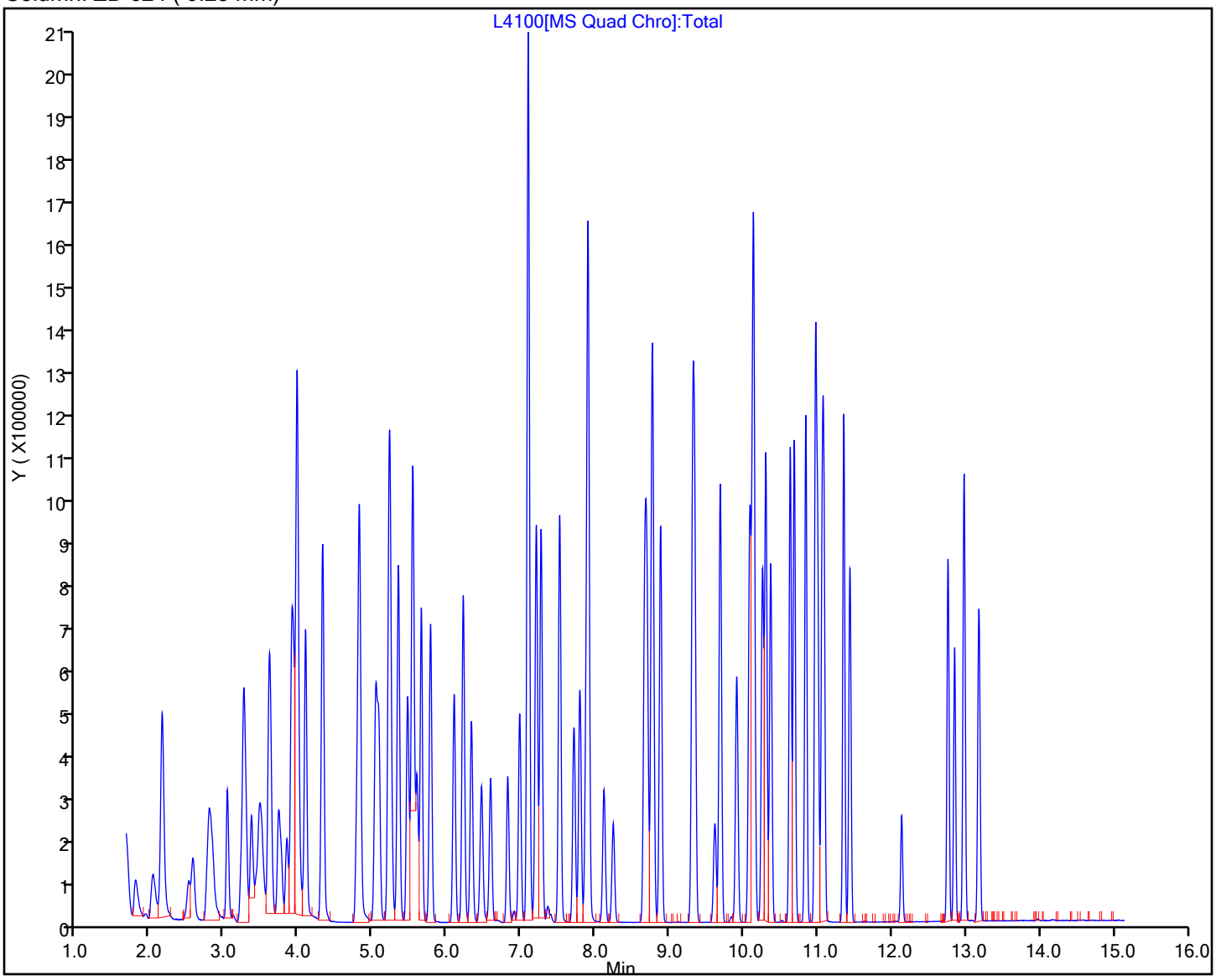
Reagents:

SS GAS CORP_00512	Amount Added: 12.50	Units: uL	
SS 8260 CORP_00106	Amount Added: 12.50	Units: uL	
L_8260_SURR_00043	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_IS_00045	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 18-Apr-2023 13:17:32 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Buffalo

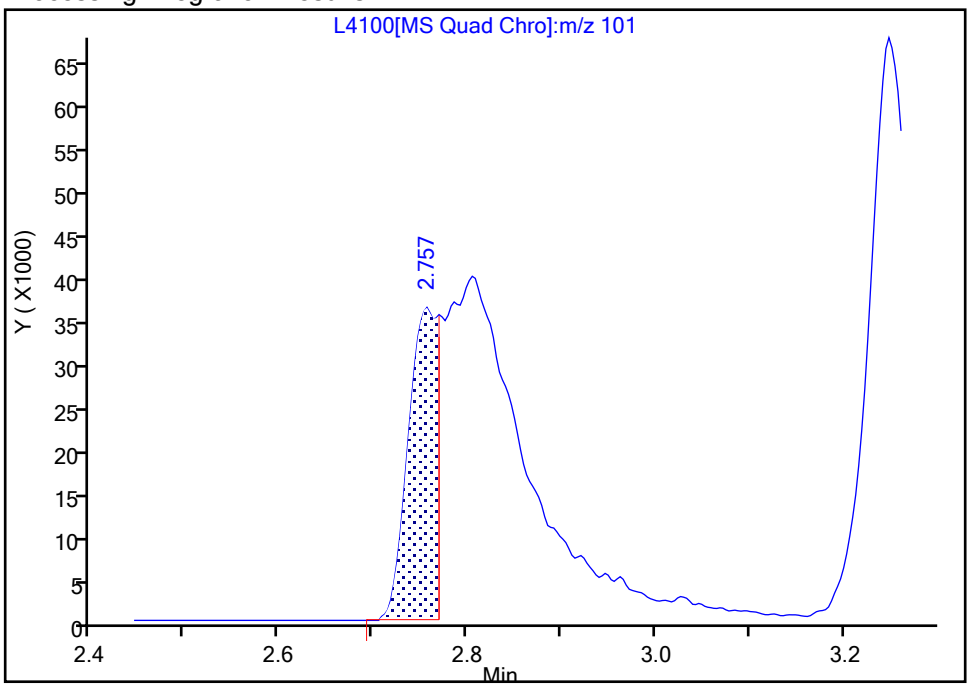
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

21 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

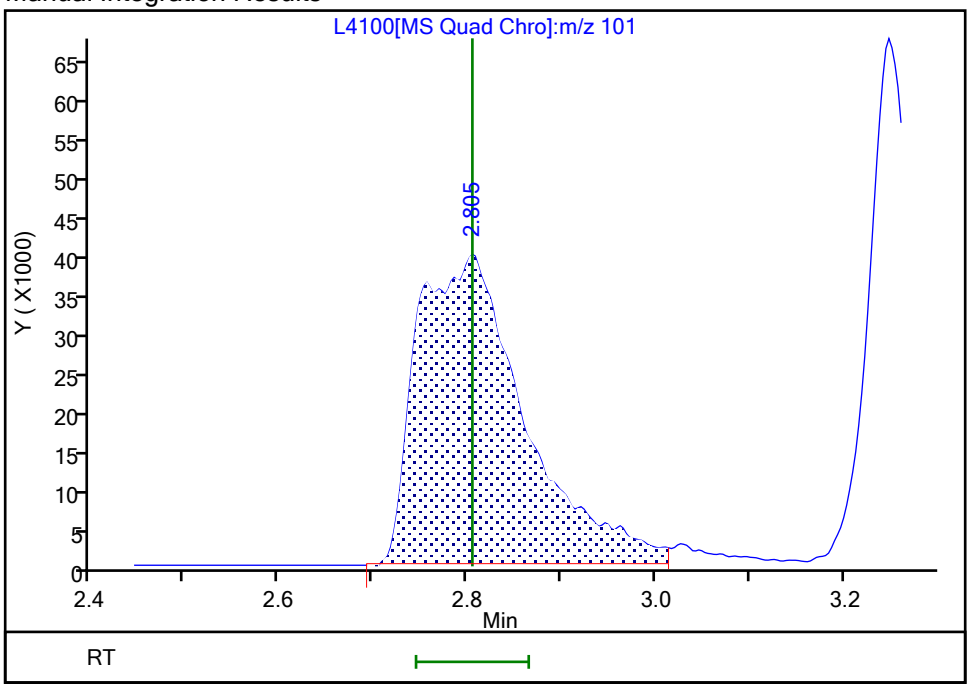
Processing Integration Results

RT: 2.76
Area: 79727
Amount: 6.735022
Amount Units: ug/L



Manual Integration Results

RT: 2.80
Area: 315969
Amount: 26.691814
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 12:26:46
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

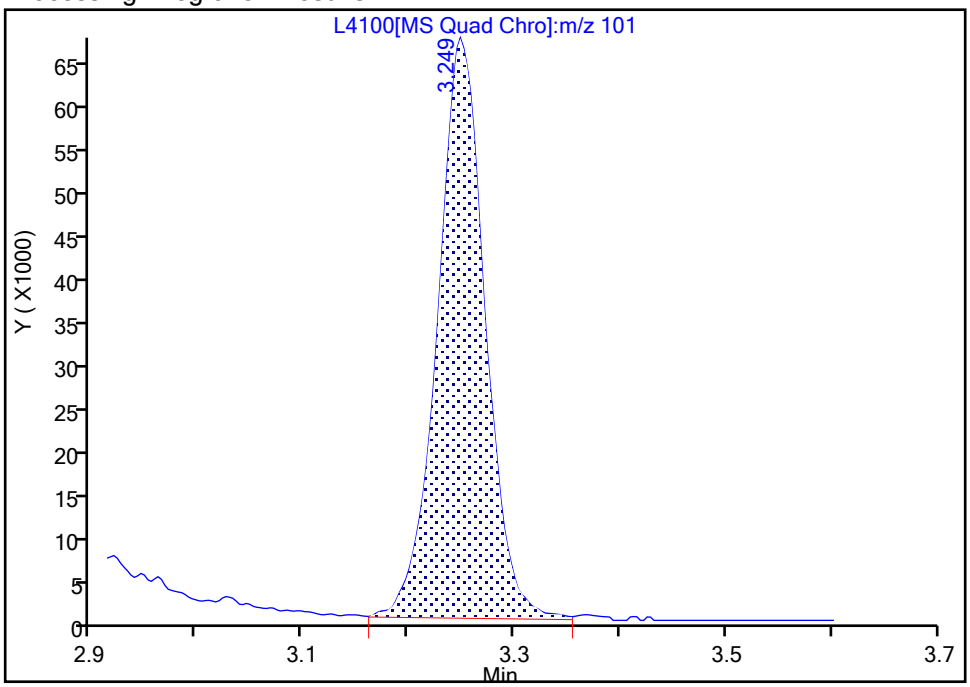
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

29 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

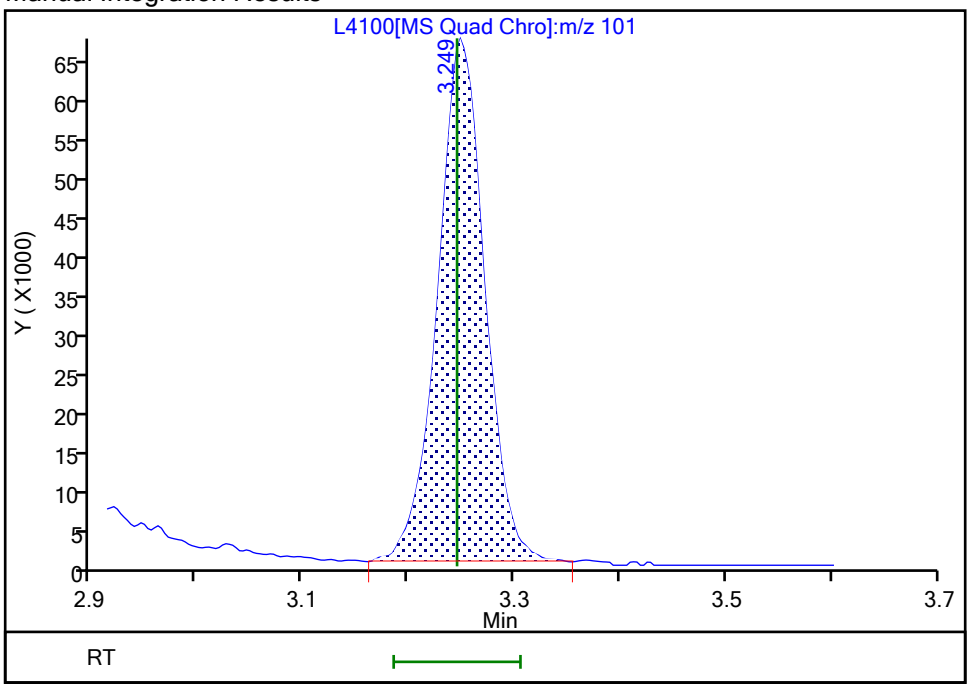
Processing Integration Results

RT: 3.25
Area: 209414
Amount: 29.928485
Amount Units: ug/L



Manual Integration Results

RT: 3.25
Area: 207354
Amount: 29.634080
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 12:30:17
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

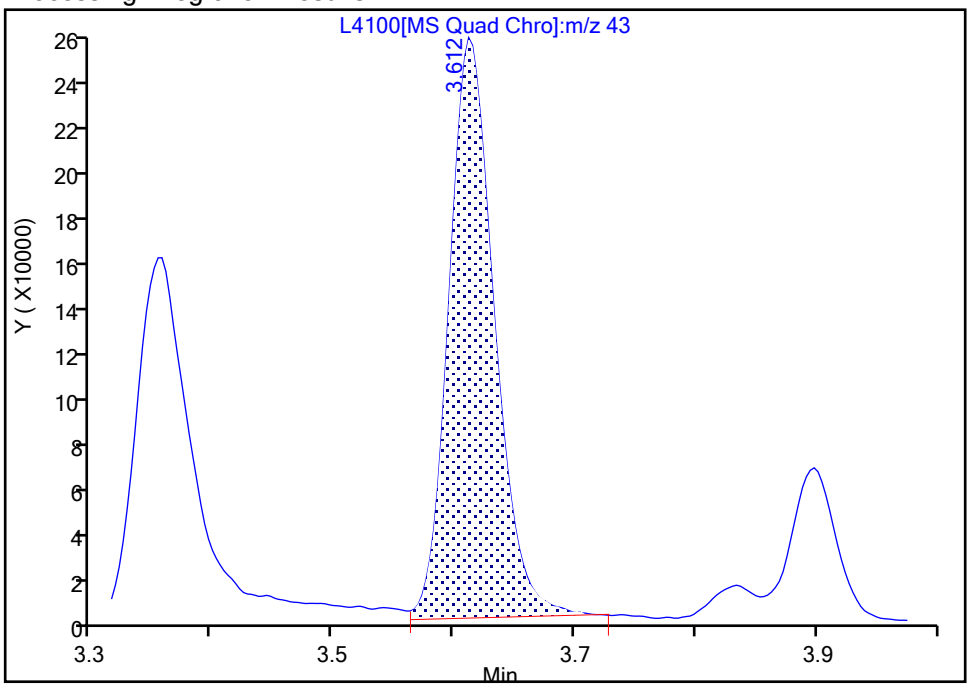
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

38 Methyl acetate, CAS: 79-20-9

Signal: 1

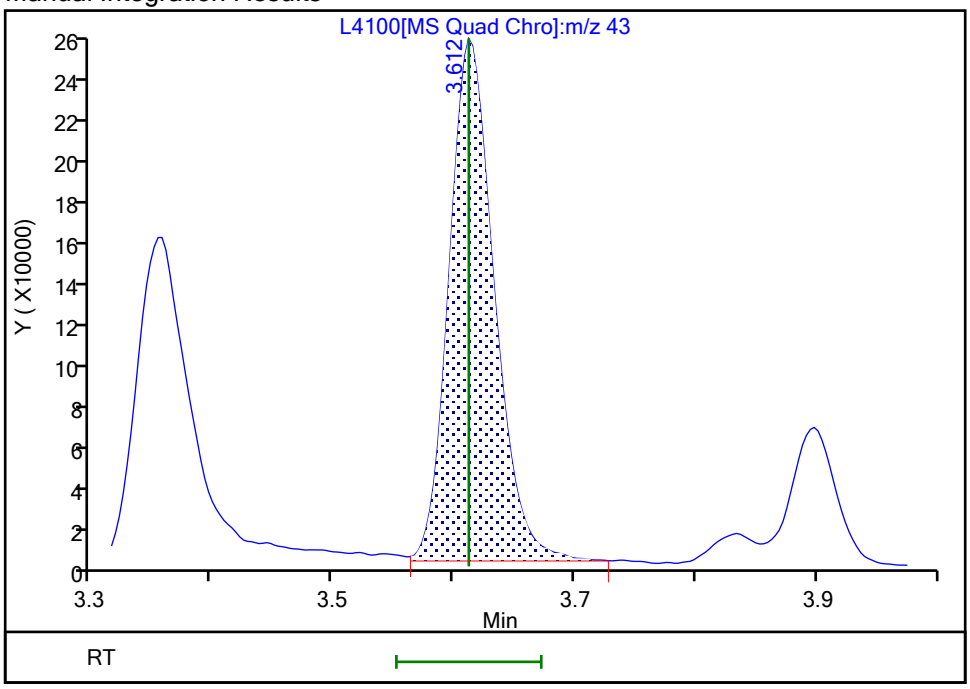
Processing Integration Results

RT: 3.61
Area: 659819
Amount: 49.742234
Amount Units: ug/L



Manual Integration Results

RT: 3.61
Area: 656809
Amount: 49.515317
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 12:30:36
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

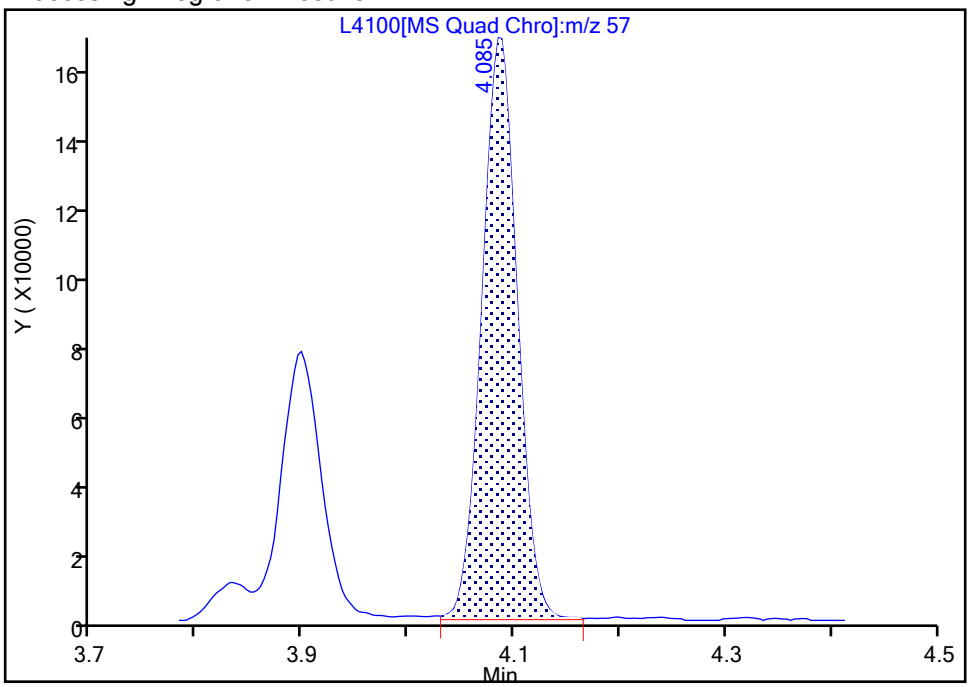
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

47 Hexane, CAS: 110-54-3

Signal: 1

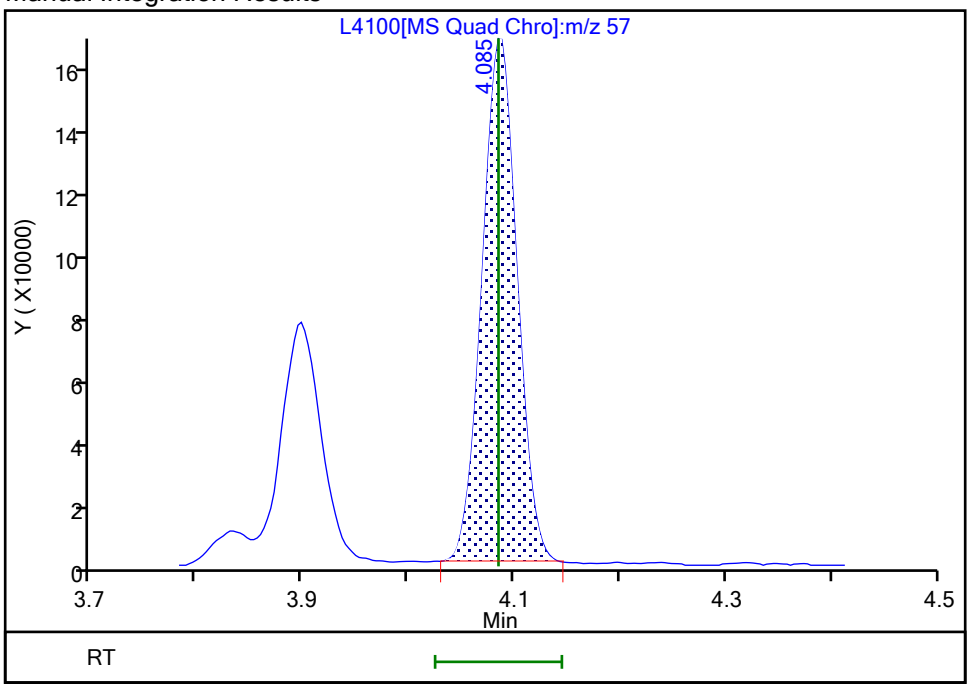
Processing Integration Results

RT: 4.08
Area: 388120
Amount: 32.733153
Amount Units: ug/L



Manual Integration Results

RT: 4.08
Area: 379286
Amount: 31.988114
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 12:27:10
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

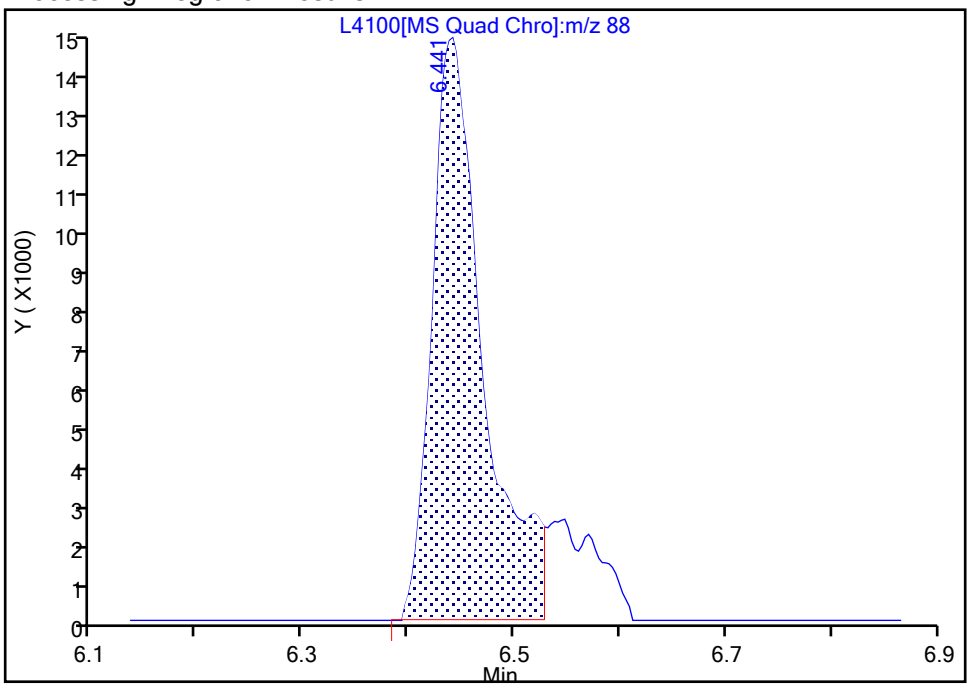
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4100.D
Injection Date: 18-Apr-2023 12:04:30 Instrument ID: HP5977L
Lims ID: ICV
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

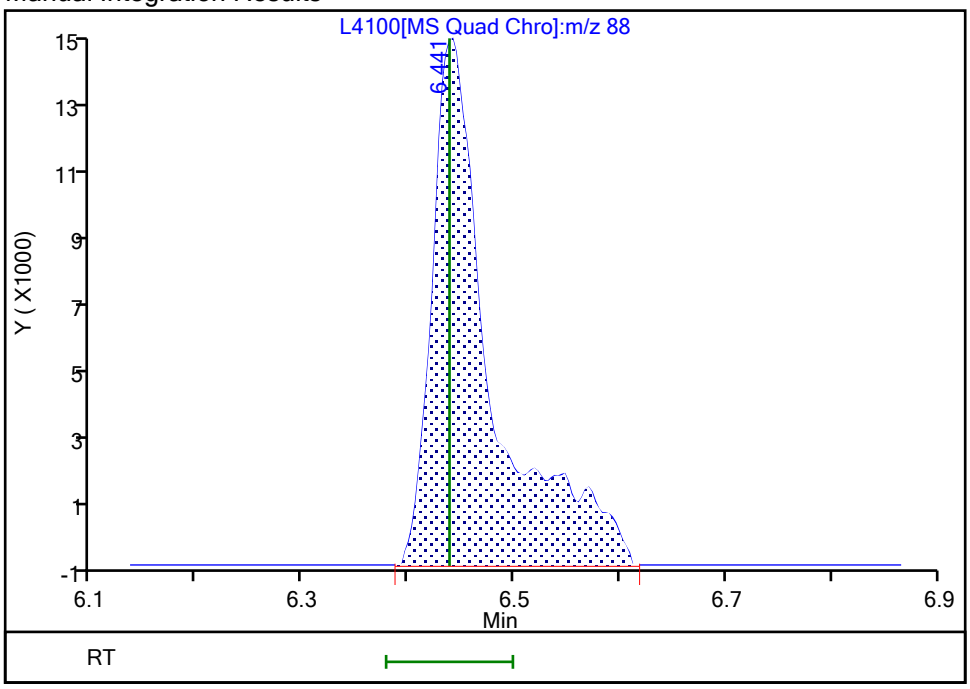
Processing Integration Results

RT: 6.44
Area: 49653
Amount: 463.7967
Amount Units: ug/L



Manual Integration Results

RT: 6.44
Area: 58187
Amount: 543.5108
Amount Units: ug/L



Reviewer: LS5G, 18-Apr-2023 12:30:58
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674307/4 Calibration Date: 06/23/2023 21:29

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L6661.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
Dichlorodifluoromethane	Ave	1.490	1.533	0.1000	25.7	25.0	2.9	50.0
Chloromethane	Ave	2.217	1.629	0.1000	18.4	25.0	-26.5*	20.0
Vinyl chloride	Ave	1.822	1.525	0.1000	20.9	25.0	-16.3	20.0
Butadiene	Ave	1.955	1.389		17.8	25.0	-29.0*	20.0
Bromomethane	Ave	1.139	1.064	0.1000	23.4	25.0	-6.6	50.0
Chloroethane	Ave	1.150	0.9729	0.1000	21.1	25.0	-15.4	50.0
Dichlorofluoromethane	Ave	2.340	2.557		27.3	25.0	9.2	20.0
Trichlorofluoromethane	Ave	1.977	2.228	0.1000	28.2	25.0	12.7	20.0
Ethyl ether	Ave	1.553	1.604		25.8	25.0	3.3	20.0
Acrolein	Ave	0.1411	0.1255		111	125	-11.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.168	0.9356	0.1000	20.0	25.0	-19.9	20.0
1,1-Dichloroethene	Ave	1.251	1.455	0.1000	29.1	25.0	16.3	20.0
Acetone	Ave	0.6924	0.8802	0.1000	159	125	27.1	50.0
Iodomethane	Ave	2.430	2.173		22.4	25.0	-10.6	20.0
Carbon disulfide	Ave	3.739	4.021	0.1000	26.9	25.0	7.5	20.0
Allyl chloride	Ave	2.639	2.414		22.9	25.0	-8.5	20.0
Methyl acetate	Ave	2.215	2.186	0.1000	49.3	50.0	-1.3	50.0
Methylene Chloride	Lin1		1.585	0.1000	26.5	25.0	5.8	20.0
2-Methyl-2-propanol	Ave	0.1549	0.3228		521	250	108.5*	50.0
Methyl tert-butyl ether	Ave	4.565	4.935	0.1000	27.0	25.0	8.1	20.0
trans-1,2-Dichloroethene	Ave	1.507	1.561	0.1000	25.9	25.0	3.5	20.0
Acrylonitrile	Ave	1.088	1.011		232	250	-7.0	20.0
Hexane	Ave	1.980	2.698		34.1	25.0	36.3*	20.0
1,1-Dichloroethane	Ave	2.668	2.938	0.2000	27.5	25.0	10.1	20.0
Vinyl acetate	Ave	3.903	4.155		53.2	50.0	6.4	20.0
2,2-Dichloropropane	Ave	1.377	1.658		30.1	25.0	20.4*	20.0
cis-1,2-Dichloroethene	Ave	1.649	1.741	0.1000	26.4	25.0	5.6	20.0
2-Butanone (MEK)	Ave	1.388	1.503	0.1000	135	125	8.2	20.0
Chlorobromomethane	Ave	0.8591	0.8949		26.0	25.0	4.2	20.0
Tetrahydrofuran	Ave	0.9396	0.9785		52.1	50.0	4.1	20.0
Chloroform	Ave	2.552	2.798	0.2000	27.4	25.0	9.6	20.0
1,1,1-Trichloroethane	Ave	2.105	2.215	0.1000	26.3	25.0	5.2	20.0
Cyclohexane	Ave	2.520	2.812	0.1000	27.9	25.0	11.6	20.0
Carbon tetrachloride	Ave	1.859	2.051	0.1000	27.6	25.0	10.4	20.0
1,1-Dichloropropene	Ave	1.905	2.208		29.0	25.0	15.9	20.0
Isobutyl alcohol	Ave	0.1470	0.1669		710	625	13.5	50.0
Benzene	Ave	5.815	6.141	0.5000	26.4	25.0	5.6	20.0
1,2-Dichloroethane	Ave	2.227	2.535	0.1000	28.5	25.0	13.8	20.0
n-Heptane	Ave	2.327	2.678		28.8	25.0	15.1	20.0
Trichloroethene	Ave	1.516	1.625	0.2000	26.8	25.0	7.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674307/4 Calibration Date: 06/23/2023 21:29

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L6661.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
Methylcyclohexane	Ave	2.106	2.616	0.1000	31.1	25.0	24.3*	20.0
1,2-Dichloropropane	Ave	1.556	1.658	0.1000	26.6	25.0	6.5	20.0
1,4-Dioxane	Ave	0.0042	0.0053		619	500	23.7	50.0
Dibromomethane	Ave	1.036	1.116	0.1000	26.9	25.0	7.7	20.0
Bromodichloromethane	Ave	1.914	2.091	0.2000	27.3	25.0	9.2	20.0
2-Chloroethyl vinyl ether	Ave	1.242	1.327		26.7	25.0	6.8	20.0
cis-1,3-Dichloropropene	Ave	2.375	2.524	0.2000	26.6	25.0	6.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6762	0.6986	0.1000	129	125	3.3	20.0
Toluene	Ave	0.8920	0.9522	0.4000	26.7	25.0	6.7	20.0
trans-1,3-Dichloropropene	Ave	0.5219	0.5790	0.1000	27.7	25.0	10.9	20.0
Ethyl methacrylate	Ave	0.5239	0.5660		27.0	25.0	8.0	20.0
1,1,2-Trichloroethane	Ave	0.2913	0.3087	0.1000	26.5	25.0	6.0	20.0
Tetrachloroethene	Ave	0.3722	0.3941	0.2000	26.5	25.0	5.9	20.0
1,3-Dichloropropane	Ave	0.5955	0.6362		26.7	25.0	6.8	20.0
2-Hexanone	Ave	0.4804	0.5419	0.1000	141	125	12.8	20.0
Dibromochloromethane	Ave	0.3856	0.4100	0.1000	26.6	25.0	6.3	20.0
1,2-Dibromoethane	Ave	0.3829	0.4060		26.5	25.0	6.0	20.0
Chlorobenzene	Ave	1.028	1.066	0.5000	25.9	25.0	3.7	20.0
Ethylbenzene	Ave	1.615	1.768	0.1000	27.4	25.0	9.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3642	0.3843		26.4	25.0	5.5	20.0
m-Xylene & p-Xylene	Ave	0.6501	0.6962	0.1000	26.8	25.0	7.1	20.0
o-Xylene	Ave	0.6474	0.6846	0.3000	26.4	25.0	5.7	20.0
Styrene	Ave	1.054	1.147	0.3000	27.2	25.0	8.9	20.0
Bromoform	Ave	0.2695	0.2657	0.1000	24.6	25.0	-1.4	50.0
Isopropylbenzene	Ave	3.207	3.380	0.1000	26.3	25.0	5.4	20.0
Bromobenzene	Ave	0.8410	0.8358		24.8	25.0	-0.6	20.0
1,1,2,2-Tetrachloroethane	Ave	1.088	1.106	0.3000	25.4	25.0	1.7	20.0
N-Propylbenzene	Ave	3.782	4.027		26.6	25.0	6.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3622	0.3586		24.7	25.0	-1.0	50.0
1,2,3-Trichloropropane	Ave	0.3603	0.3787		26.3	25.0	5.1	20.0
2-Chlorotoluene	Ave	0.7838	0.8074		25.8	25.0	3.0	20.0
1,3,5-Trimethylbenzene	Ave	2.649	2.836		26.8	25.0	7.1	20.0
4-Chlorotoluene	Ave	2.252	2.361		26.2	25.0	4.8	20.0
tert-Butylbenzene	Ave	0.6307	0.6458		25.6	25.0	2.4	20.0
1,2,4-Trimethylbenzene	Ave	2.741	2.887		26.3	25.0	5.3	20.0
sec-Butylbenzene	Ave	3.482	3.686		26.5	25.0	5.9	20.0
4-Isopropyltoluene	Ave	2.960	3.233		27.3	25.0	9.2	20.0
1,3-Dichlorobenzene	Ave	1.582	1.635	0.6000	25.8	25.0	3.3	20.0
1,4-Dichlorobenzene	Ave	1.657	1.670	0.5000	25.2	25.0	0.8	20.0
n-Butylbenzene	Ave	2.600	2.872		27.6	25.0	10.5	20.0
1,2-Dichlorobenzene	Ave	1.556	1.573	0.4000	25.3	25.0	1.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 480-674307/4 Calibration Date: 06/23/2023 21:29

Instrument ID: HP5977L Calib Start Date: 04/17/2023 15:24

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 04/17/2023 18:14

Lab File ID: L6661.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-Dibromo-3-Chloropropane	Ave	0.2273	0.2344	0.0500	25.8	25.0	3.1	50.0
1,2,4-Trichlorobenzene	Ave	1.036	1.025	0.2000	24.7	25.0	-1.1	20.0
Hexachlorobutadiene	Ave	0.4008	0.4113		25.7	25.0	2.6	20.0
Naphthalene	Ave	3.624	3.559		24.6	25.0	-1.8	20.0
1,2,3-Trichlorobenzene	Ave	0.995	0.9815		24.7	25.0	-1.4	20.0
Dibromofluoromethane (Surr)	Ave	1.571	1.485		23.6	25.0	-5.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.770	1.900		26.8	25.0	7.4	20.0
Toluene-d8 (Surr)	Ave	1.384	1.344		24.3	25.0	-2.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3969	0.3721		23.4	25.0	-6.2	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6661.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2023 21:29:42 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0112428-004
Operator ID: AK Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:35:17 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:35:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	140320	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	88	586991	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	307044	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	88	208370	25.0	23.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	266674	25.0	26.8	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	94	788732	25.0	24.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	97	218429	25.0	23.4	
10 Dichlorodifluoromethane	85	1.782	1.782	0.000	98	215107	25.0	25.7	
13 Chloromethane	50	2.027	2.027	0.000	95	228541	25.0	18.4	a
14 Vinyl chloride	62	2.117	2.117	0.000	98	213943	25.0	20.9	
15 Butadiene	54	2.143	2.143	0.000	93	194933	25.0	17.8	
18 Bromomethane	94	2.490	2.490	0.000	93	149308	25.0	23.4	
19 Chloroethane	64	2.583	2.583	0.000	98	136517	25.0	21.1	a
21 Trichlorofluoromethane	101	2.779	2.779	0.000	75	312648	25.0	28.2	
20 Dichlorofluoromethane	67	2.779	2.779	0.000	94	358756	25.0	27.3	
26 Ethyl ether	59	3.036	3.036	0.000	95	225140	25.0	25.8	
28 Acrolein	56	3.220	3.220	0.000	98	88082	125.0	111.3	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.261	3.261	0.000	95	131287	25.0	20.0	
30 1,1-Dichloroethene	96	3.281	3.281	0.000	97	204165	25.0	29.1	
31 Acetone	43	3.358	3.358	0.000	99	617538	125.0	158.9	
33 Iodomethane	142	3.467	3.467	0.000	99	304961	25.0	22.4	
35 Carbon disulfide	76	3.503	3.503	0.000	100	564191	25.0	26.9	
37 3-Chloro-1-propene	41	3.596	3.596	0.000	84	338681	25.0	22.9	
38 Methyl acetate	43	3.618	3.618	0.000	99	613498	50.0	49.3	
39 Methylene Chloride	84	3.737	3.737	0.000	97	222343	25.0	26.5	M
40 2-Methyl-2-propanol	59	3.834	3.834	0.000	99	452971	250.0	521.2	
41 Methyl tert-butyl ether	73	3.905	3.905	0.000	99	692501	25.0	27.0	
42 trans-1,2-Dichloroethene	96	3.933	3.933	0.000	97	219014	25.0	25.9	
44 Acrylonitrile	53	3.972	3.972	0.000	98	1418751	250.0	232.4	
47 Hexane	57	4.091	4.091	0.000	95	378602	25.0	34.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
50 1,1-Dichloroethane	63	4.310	4.310	0.000	97	412228	25.0	27.5	
49 Vinyl acetate	43	4.326	4.326	0.000	98	1166019	50.0	53.2	
56 2,2-Dichloropropane	77	4.786	4.786	0.000	91	232663	25.0	30.1	
58 cis-1,2-Dichloroethene	96	4.808	4.808	0.000	83	244342	25.0	26.4	
57 2-Butanone (MEK)	43	4.821	4.821	0.000	100	1054174	125.0	135.3	
60 Chlorobromomethane	128	5.030	5.030	0.000	96	125574	25.0	26.0	
61 Tetrahydrofuran	42	5.049	5.049	0.000	90	274607	50.0	52.1	
62 Chloroform	83	5.078	5.078	0.000	95	392634	25.0	27.4	
64 1,1,1-Trichloroethane	97	5.210	5.210	0.000	98	310744	25.0	26.3	
65 Cyclohexane	56	5.226	5.226	0.000	94	394524	25.0	27.9	
66 Carbon tetrachloride	117	5.339	5.339	0.000	95	287824	25.0	27.6	
67 1,1-Dichloropropene	75	5.342	5.342	0.000	90	309828	25.0	29.0	
69 Isobutyl alcohol	43	5.464	5.464	0.000	95	585502	625.0	709.6	
70 Benzene	78	5.538	5.538	0.000	98	861770	25.0	26.4	
72 1,2-Dichloroethane	62	5.593	5.593	0.000	96	355687	25.0	28.5	
73 n-Heptane	43	5.650	5.650	0.000	93	375756	25.0	28.8	
75 Trichloroethene	95	6.094	6.094	0.000	96	227991	25.0	26.8	
76 Methylcyclohexane	83	6.216	6.216	0.000	94	367147	25.0	31.1	
77 1,2-Dichloropropane	63	6.326	6.326	0.000	90	232631	25.0	26.6	
81 1,4-Dioxane	88	6.445	6.445	0.000	94	61643	500.0	618.6	
82 Dibromomethane	93	6.464	6.464	0.000	94	156586	25.0	26.9	
83 Dichlorobromomethane	83	6.586	6.586	0.000	97	293423	25.0	27.3	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	93	186148	25.0	26.7	
85 cis-1,3-Dichloropropene	75	6.978	6.978	0.000	91	354216	25.0	26.6	
87 4-Methyl-2-pentanone (MIBK)	43	7.091	7.091	0.000	98	2050256	125.0	129.1	
88 Toluene	92	7.268	7.268	0.000	98	558909	25.0	26.7	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	98	339858	25.0	27.7	
90 Ethyl methacrylate	69	7.519	7.519	0.000	96	332262	25.0	27.0	
93 1,1,2-Trichloroethane	83	7.708	7.708	0.000	93	181210	25.0	26.5	
94 Tetrachloroethene	166	7.789	7.789	0.000	95	231328	25.0	26.5	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	97	373466	25.0	26.7	
96 2-Hexanone	43	7.901	7.901	0.000	98	1590468	125.0	141.0	
98 Chlorodibromomethane	129	8.113	8.113	0.000	90	240670	25.0	26.6	
101 Ethylene Dibromide	107	8.239	8.239	0.000	97	238304	25.0	26.5	
103 Chlorobenzene	112	8.692	8.692	0.000	95	625537	25.0	25.9	
104 Ethylbenzene	91	8.763	8.763	0.000	99	1037905	25.0	27.4	
105 1,1,1,2-Tetrachloroethane	131	8.776	8.776	0.000	93	225586	25.0	26.4	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	408643	25.0	26.8	
107 o-Xylene	106	9.310	9.310	0.000	95	401848	25.0	26.4	
109 Styrene	104	9.335	9.335	0.000	96	673530	25.0	27.2	
110 Bromoform	173	9.612	9.612	0.000	94	155961	25.0	24.6	
111 Isopropylbenzene	105	9.683	9.683	0.000	96	1037727	25.0	26.3	
113 Bromobenzene	156	10.078	10.078	0.000	94	256613	25.0	24.8	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	95	339635	25.0	25.4	
114 N-Propylbenzene	91	10.126	10.126	0.000	98	1236325	25.0	26.6	
115 trans-1,4-Dichloro-2-butene	53	10.139	10.139	0.000	74	110106	25.0	24.7	
116 1,2,3-Trichloropropane	110	10.142	10.142	0.000	90	116289	25.0	26.3	
117 2-Chlorotoluene	126	10.252	10.252	0.000	97	247922	25.0	25.8	
118 1,3,5-Trimethylbenzene	105	10.297	10.297	0.000	95	870826	25.0	26.8	
119 4-Chlorotoluene	91	10.364	10.364	0.000	98	724843	25.0	26.2	
120 tert-Butylbenzene	134	10.628	10.628	0.000	92	198303	25.0	25.6	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	97	886371	25.0	26.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
122 sec-Butylbenzene	105	10.837	10.837	0.000	94	1131819	25.0	26.5	
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	992696	25.0	27.3	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	502036	25.0	25.8	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	512908	25.0	25.2	
127 n-Butylbenzene	91	11.351	11.351	0.000	98	881838	25.0	27.6	
128 1,2-Dichlorobenzene	146	11.432	11.432	0.000	96	483087	25.0	25.3	
129 1,2-Dibromo-3-Chloropropane	75	12.129	12.129	0.000	88	71984	25.0	25.8	
130 1,2,4-Trichlorobenzene	180	12.756	12.756	0.000	94	314725	25.0	24.7	
131 Hexachlorobutadiene	225	12.846	12.846	0.000	92	126277	25.0	25.7	
132 Naphthalene	128	12.972	12.972	0.000	97	1092843	25.0	24.6	
133 1,2,3-Trichlorobenzene	180	13.171	13.171	0.000	94	301356	25.0	24.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added: 12.50	Units: uL	
GAS CORP mix_00571	Amount Added: 12.50	Units: uL	
L_8260_SURR_00045	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 24-Jun-2023 12:35:18 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6661.D

Injection Date: 23-Jun-2023 21:29:42 Instrument ID: HP5977L

Lims ID: CCVIS

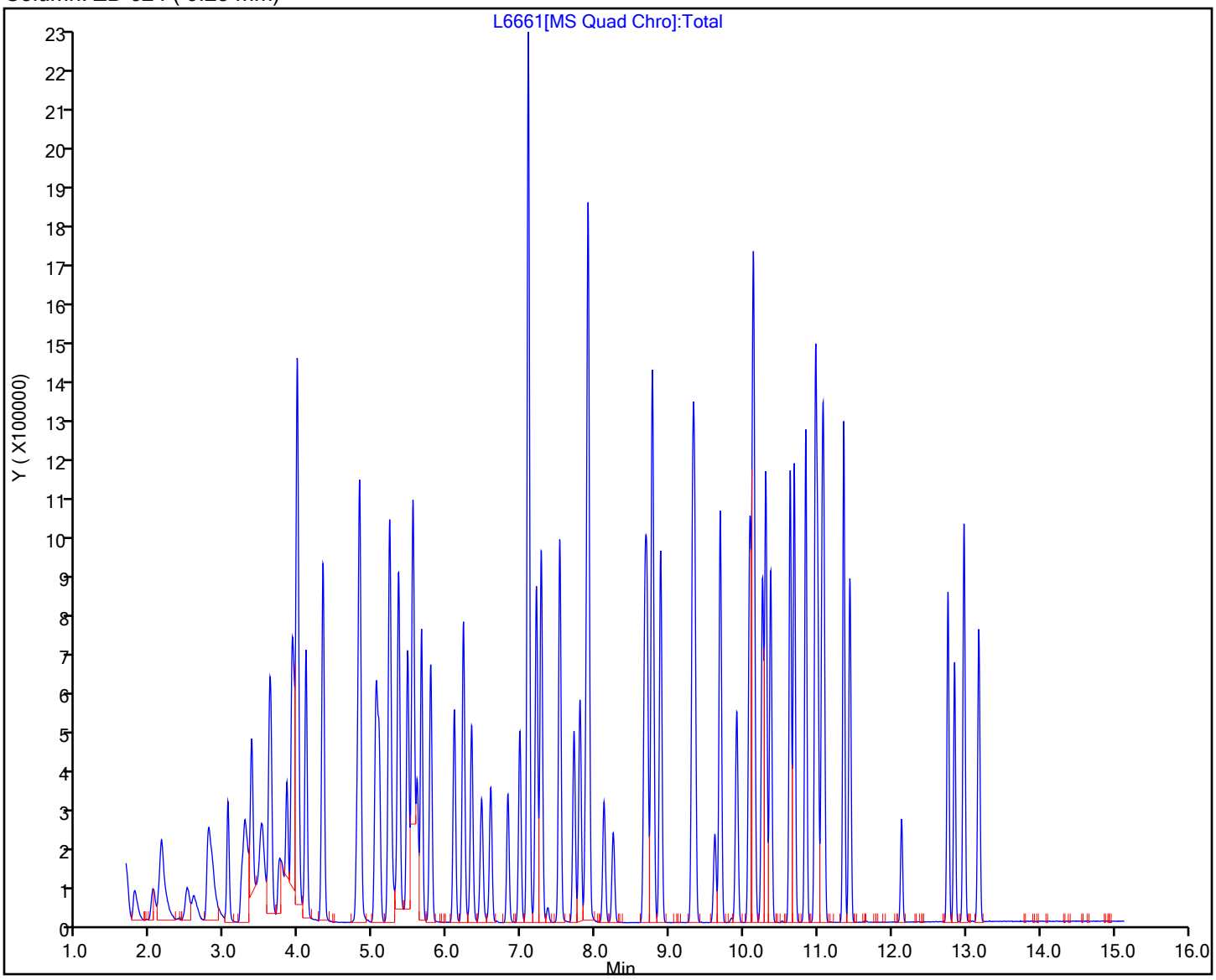
Client ID:

Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

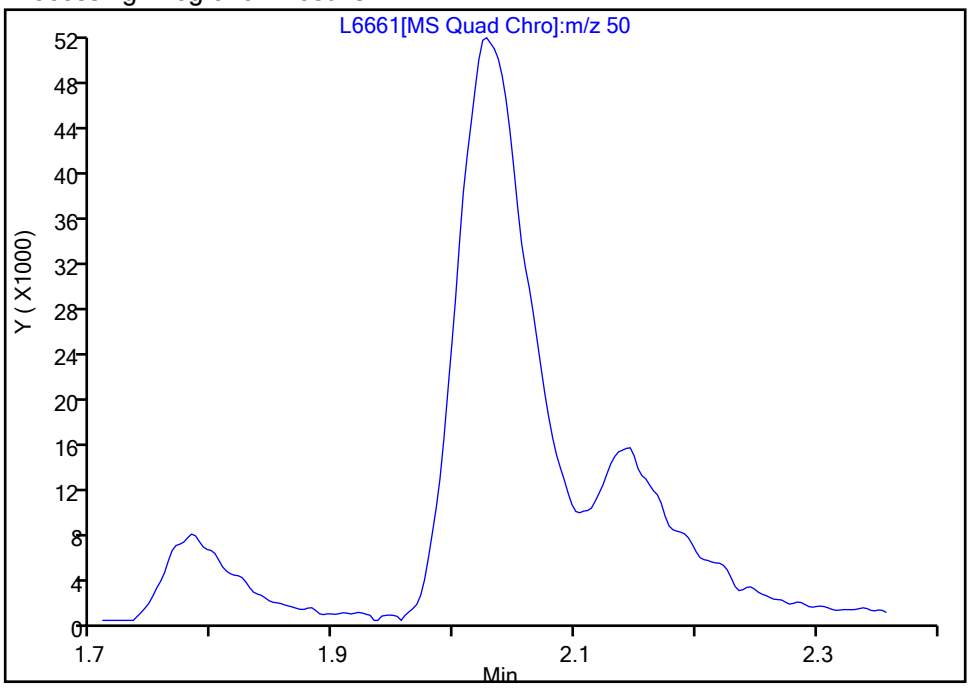
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6661.D
Injection Date: 23-Jun-2023 21:29:42 Instrument ID: HP5977L
Lims ID: CCVIS
Client ID:
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

13 Chloromethane, CAS: 74-87-3

Signal: 1

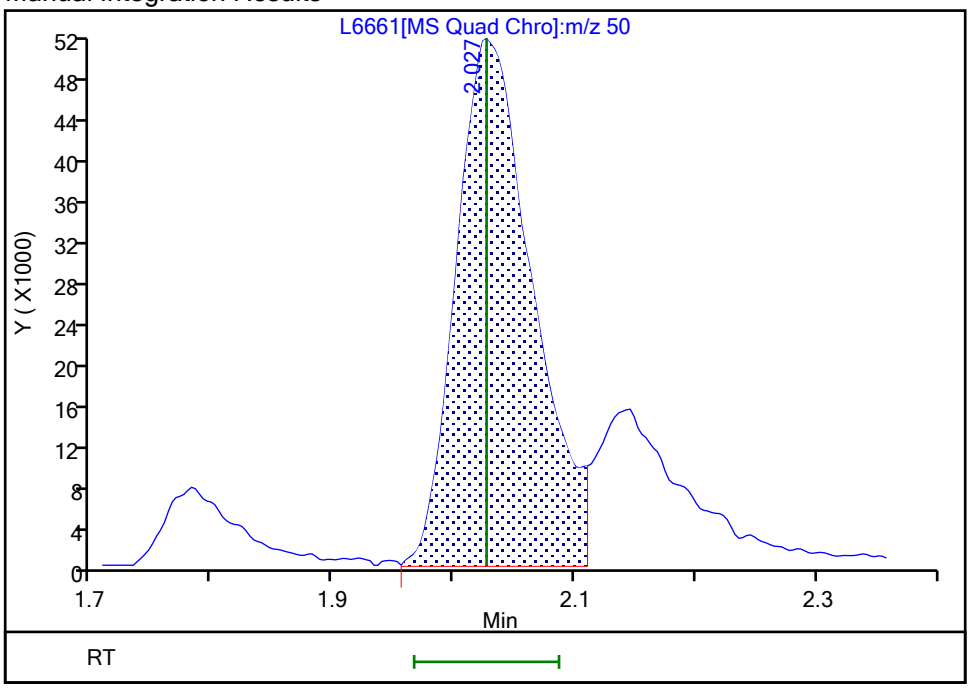
Not Detected
Expected RT: 2.03

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 228541
Amount: 18.367056
Amount Units: ug/L



Reviewer: R3QB, 24-Jun-2023 12:34:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Buffalo

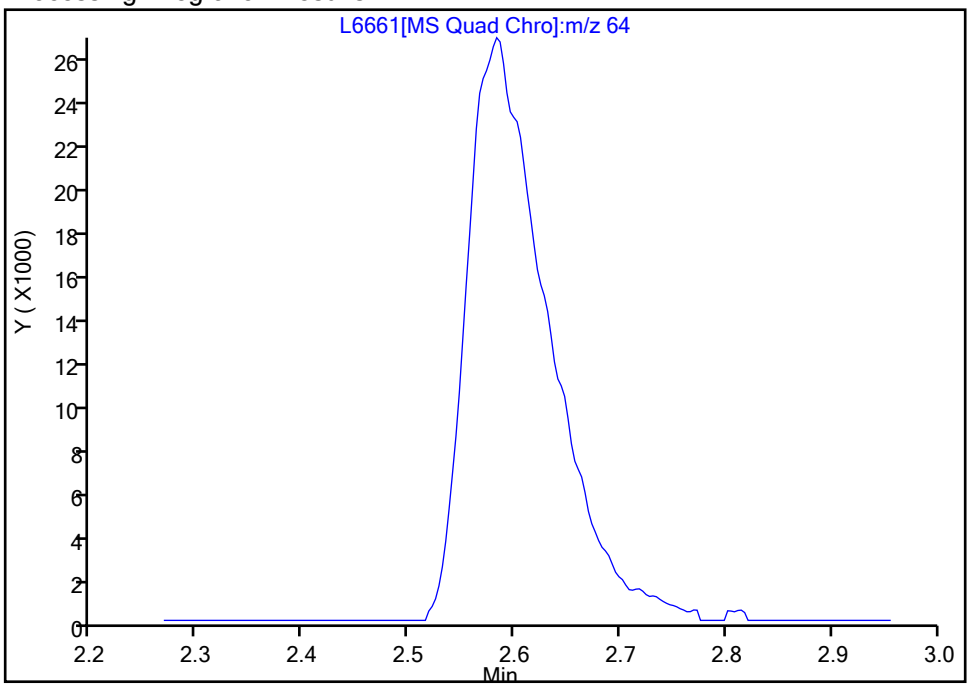
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6661.D
Injection Date: 23-Jun-2023 21:29:42 Instrument ID: HP5977L
Lims ID: CCVIS
Client ID:
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

19 Chloroethane, CAS: 75-00-3

Signal: 1

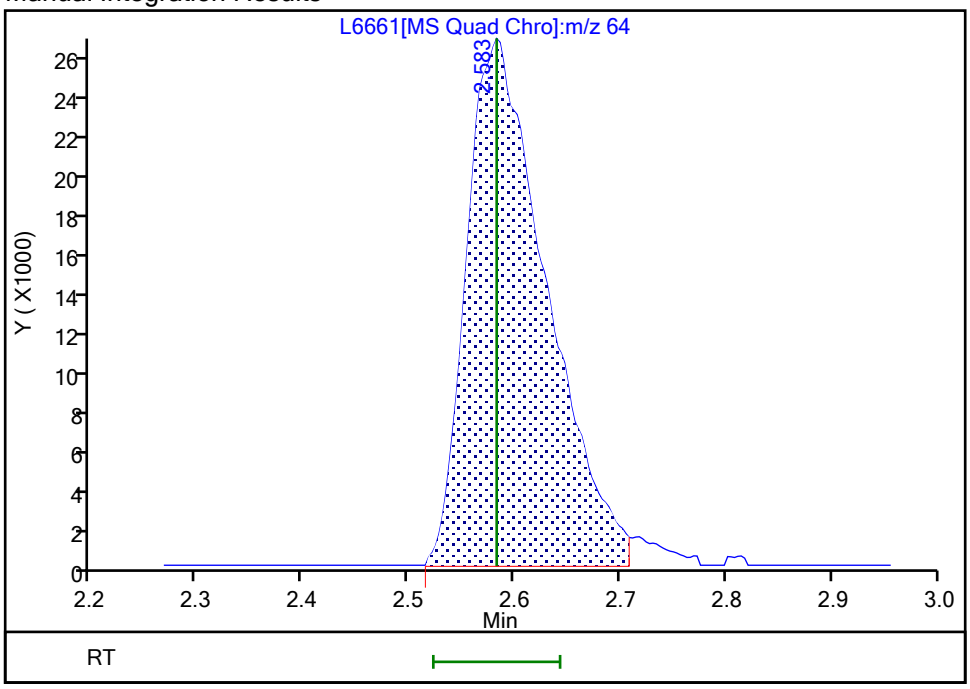
Not Detected
Expected RT: 2.58

Processing Integration Results



Manual Integration Results

RT: 2.58
Area: 136517
Amount: 21.149358
Amount Units: ug/L



Reviewer: R3QB, 24-Jun-2023 12:34:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Buffalo

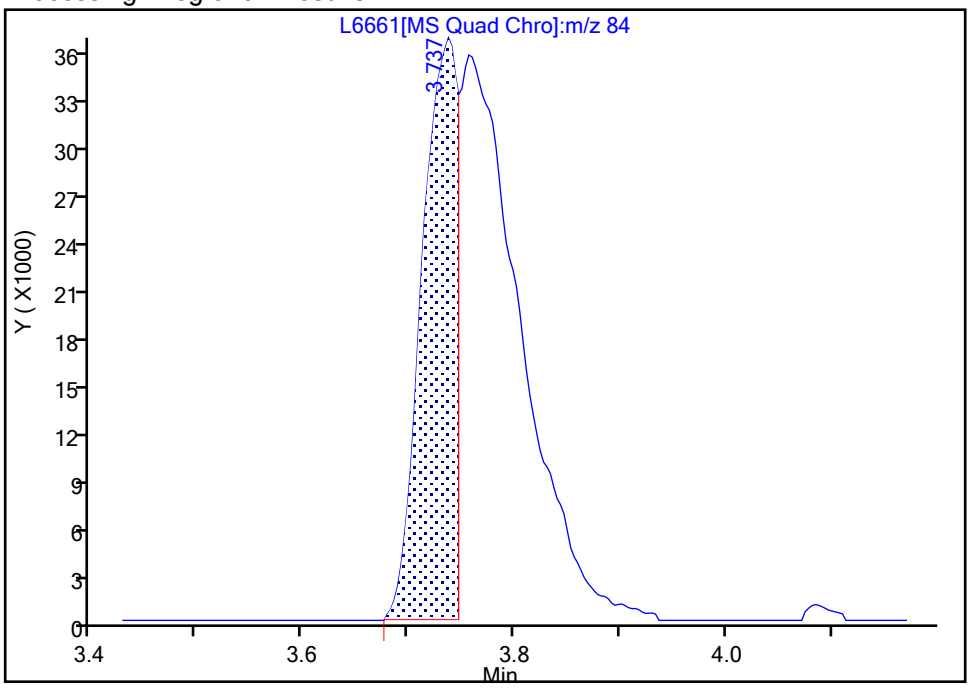
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6661.D
Injection Date: 23-Jun-2023 21:29:42 Instrument ID: HP5977L
Lims ID: CCVIS
Client ID:
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm) Detector MS Quad

39 Methylene Chloride, CAS: 75-09-2

Signal: 1

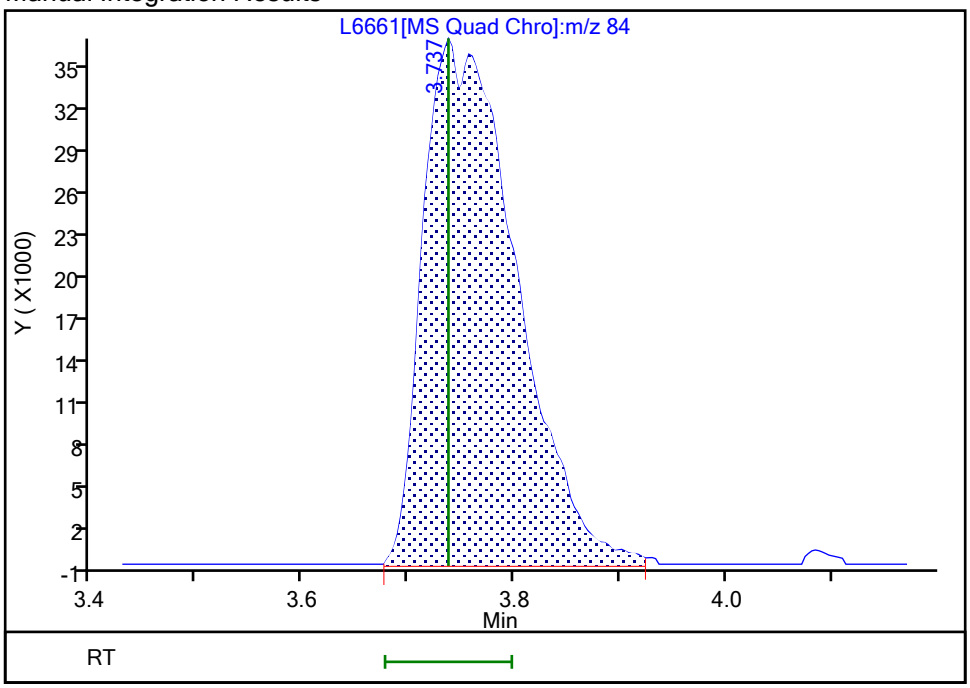
Processing Integration Results

RT: 3.74
Area: 84850
Amount: 10.089951
Amount Units: ug/L



Manual Integration Results

RT: 3.74
Area: 222343
Amount: 26.454655
Amount Units: ug/L



Reviewer: R3QB, 24-Jun-2023 12:34:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8657.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Jun-2023 18:56:30	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0112326-011				
Operator ID:	AG	Instrument ID:	HP5973S		
Method:	\\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	19-Jun-2023 19:17:24	Calib Date:	04-May-2023 21:48:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20230504-111535.b\S6920.d				
Column 1 :	ZB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1680				
First Level Reviewer: FGO5		Date:	19-Jun-2023 19:17:24		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	3.157	3.157	0.000	0	245754	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

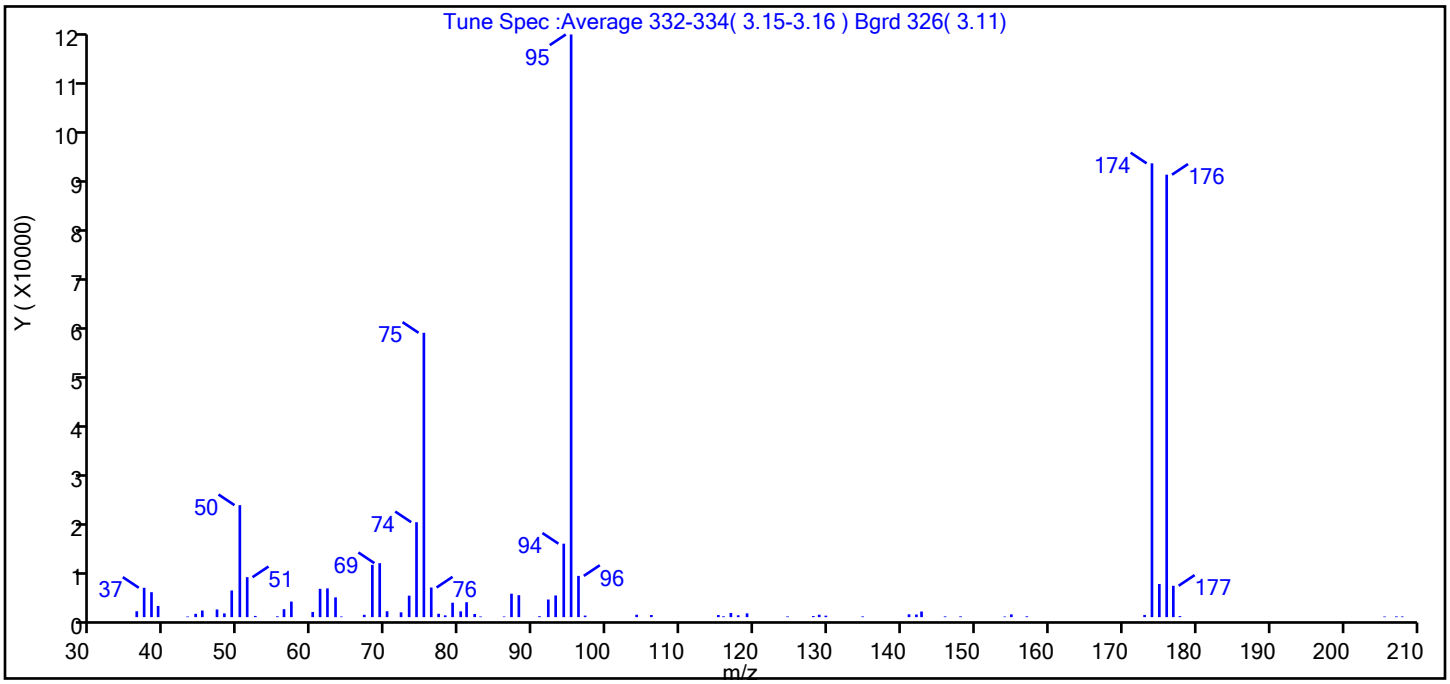
BFB_WRK_00147 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8657.d
Injection Date: 19-Jun-2023 18:56:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: AG ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.2
75	30 to 60% of m/z 95	48.8
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	77.9
175	5 to 9% of m/z 174	5.7 (7.3)
176	Greater than 95% but less than 101% of m/z 174	75.9 (97.5)
177	5 to 9% of m/z 176	5.4 (7.1)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8657.d\S-8260.rslt\spectra.d
Injection Date: 19-Jun-2023 18:56:30
Spectrum: Tune Spec :Average 332-334(3.15-3.16) Bgrd 326(3.11)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1123	63.00	3756	87.00	4450	130.00	281
37.00	5571	64.00	120	88.00	4172	135.00	136
38.00	4737	67.00	451	91.00	170	141.00	541
39.00	2125	68.00	9932	92.00	3348	142.00	502
43.00	122	69.00	10249	93.00	4114	143.00	1068
44.00	637	70.00	1120	94.00	13946	146.00	142
45.00	1263	72.00	915	95.00	110608	148.00	145
47.00	1456	73.00	4080	96.00	7830	154.00	118
48.00	709	74.00	18024	97.00	295	155.00	524
49.00	5062	75.00	53976	104.00	456	157.00	159
50.00	21256	76.00	5624	106.00	404	173.00	420
51.00	7588	77.00	645	115.00	402	174.00	86144
52.00	233	78.00	338	116.00	160	175.00	6296
55.00	158	79.00	2743	117.00	791	176.00	83992
56.00	1511	80.00	1099	118.00	358	177.00	5956
57.00	2960	81.00	2837	119.00	715	178.00	190
60.00	987	82.00	598	124.00	135	206.00	117
61.00	5374	83.00	127	128.00	205	207.00	144
62.00	5455	86.00	120	129.00	463	208.00	128

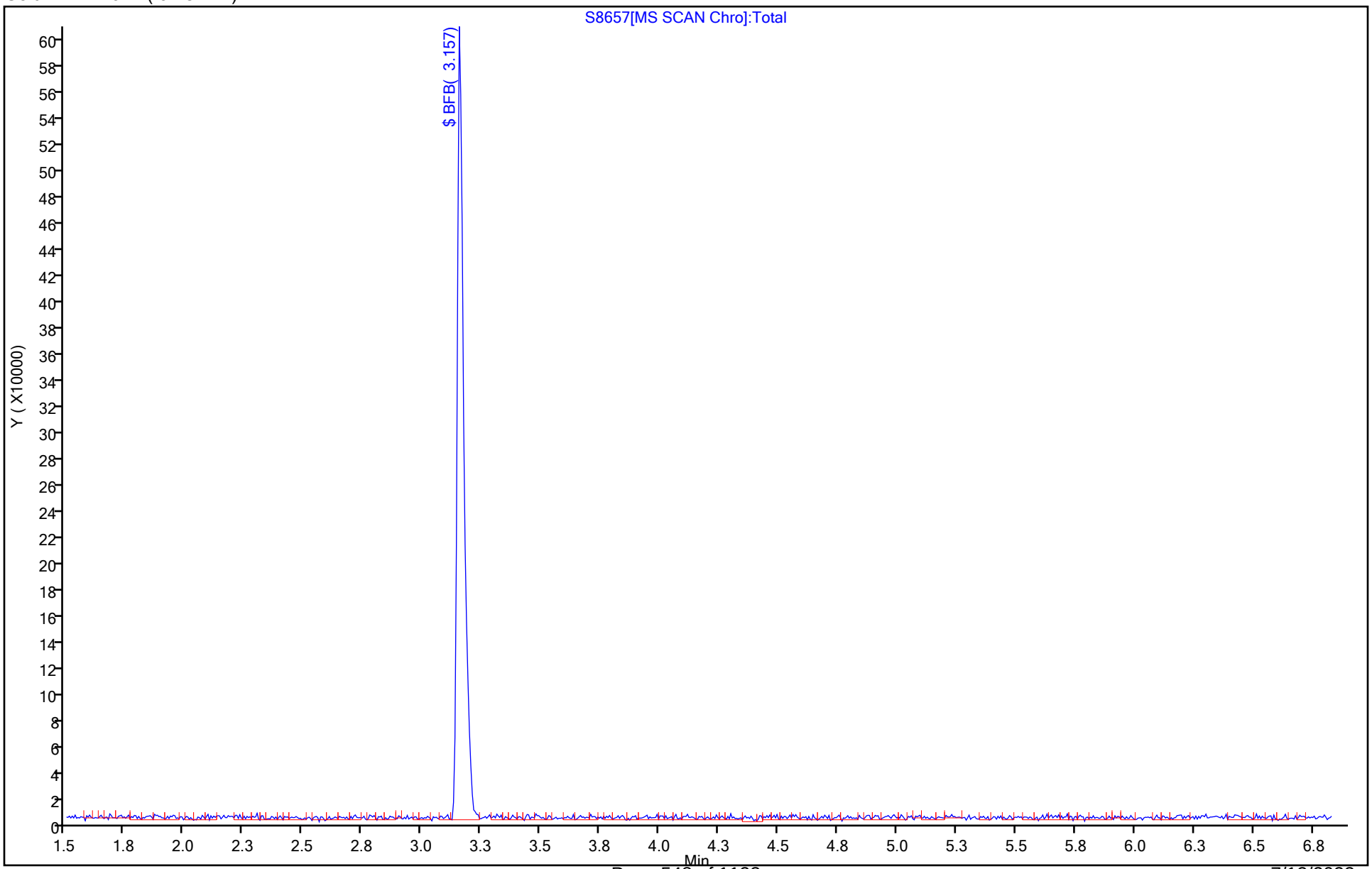
Report Date: 19-Jun-2023 19:17:25 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8657.d

Injection Date:	19-Jun-2023 18:56:30	Instrument ID:	HP5973S	Operator ID:	AG
Lims ID:	BFB			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8859.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Jun-2023 12:59:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0112432-003
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 13:12:28 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 13:12:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	3.120	3.120	0.000	0	256682	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

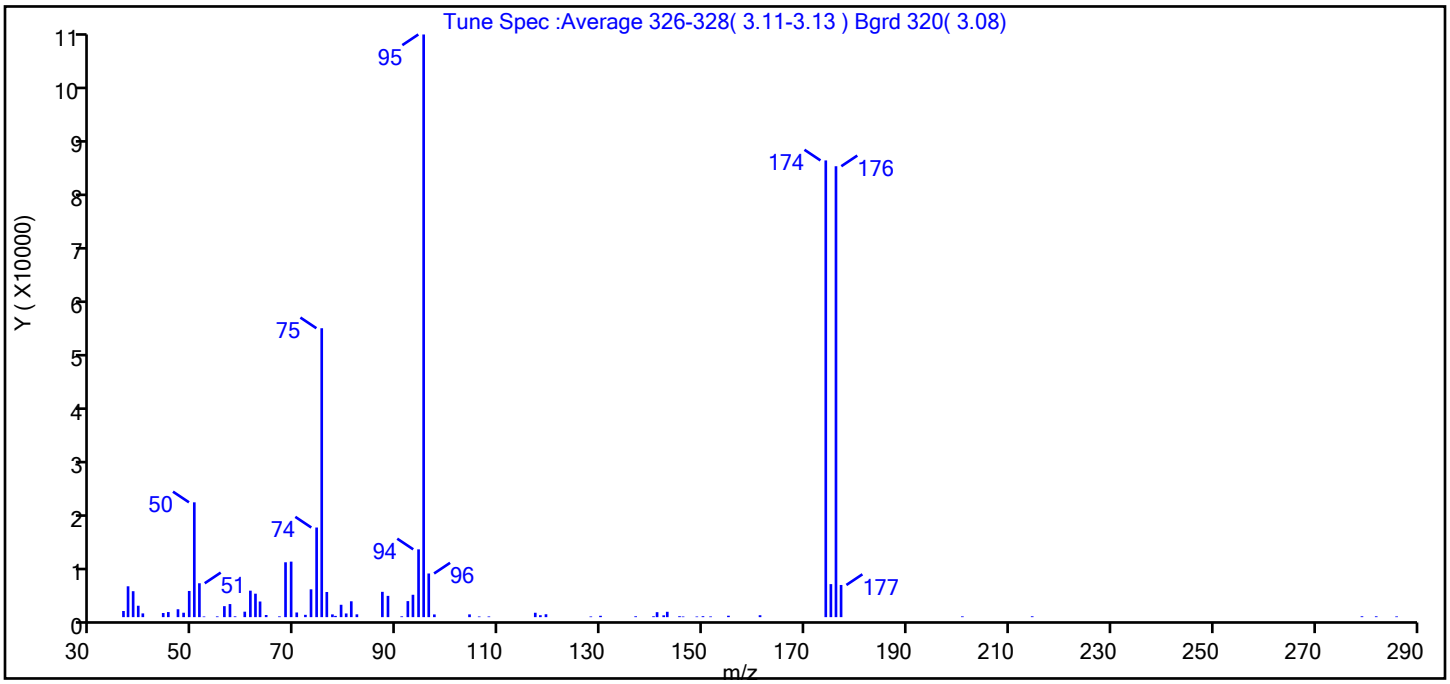
BFB_WRK_00147 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8859.d
Injection Date: 24-Jun-2023 12:59:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: AK ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	49.6
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	78.4
175	5 to 9% of m/z 174	5.7 (7.2)
176	Greater than 95% but less than 101% of m/z 174	77.4 (98.7)
177	5 to 9% of m/z 176	5.5 (7.1)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8859.d\S-8260.rslt\spectra.d
Injection Date: 24-Jun-2023 12:59:30
Spectrum: Tune Spec :Average 326-328(3.11-3.13) Bgrd 320(3.08)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1118	62.00	4268	88.00	3869	142.00	333
37.00	5614	63.00	2845	91.00	146	143.00	974
38.00	4721	64.00	388	92.00	2918	145.00	166
39.00	2075	67.00	141	93.00	4072	146.00	118
40.00	683	68.00	9981	94.00	12335	149.00	118
44.00	752	69.00	10099	95.00	106000	150.00	170
45.00	923	70.00	848	96.00	7942	151.00	128
47.00	1435	72.00	422	97.00	493	155.00	257
48.00	804	73.00	5061	104.00	502	161.00	349
49.00	4762	74.00	16305	106.00	120	174.00	83088
50.00	20888	75.00	52560	108.00	126	175.00	6009
51.00	6164	76.00	4577	117.00	799	176.00	82032
52.00	120	77.00	501	118.00	352	177.00	5854
55.00	138	78.00	227	119.00	528	201.00	142
56.00	1999	79.00	2250	128.00	124	214.00	156
57.00	2379	80.00	670	130.00	248	279.00	158
58.00	148	81.00	2887	137.00	160	282.00	155
60.00	994	82.00	512	140.00	158	286.00	137
61.00	4817	87.00	4604	141.00	905		

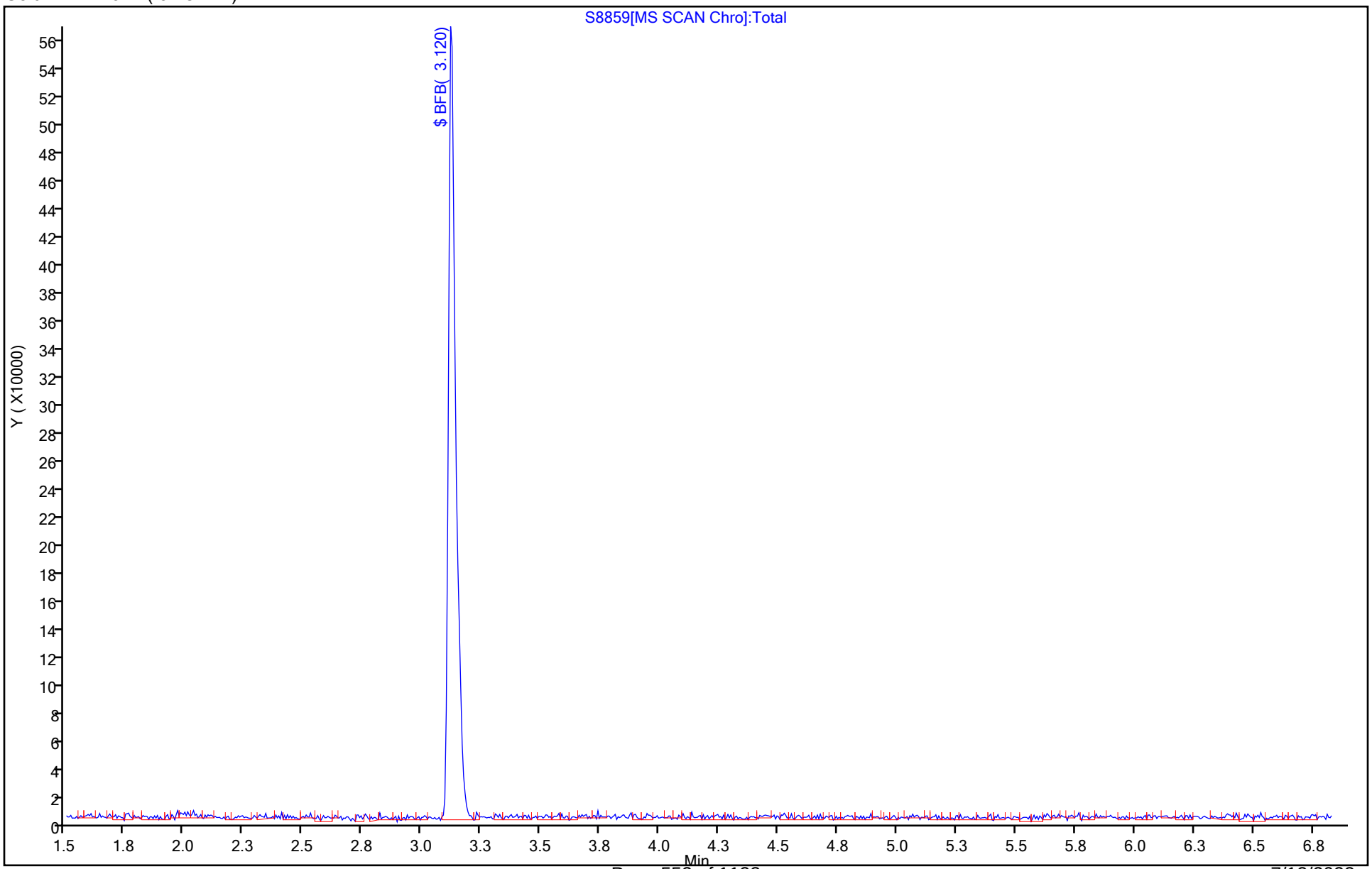
Report Date: 24-Jun-2023 13:12:28 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8859.d

Injection Date:	24-Jun-2023 12:59:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	BFB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4072.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-Apr-2023 14:31:50 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: bfb
Misc. Info.: 480-0111151-011
Operator ID: CB Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 10:39:22 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: LS5G Date: 17-Apr-2023 14:42:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.434	5.434	0.000	0	39000	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

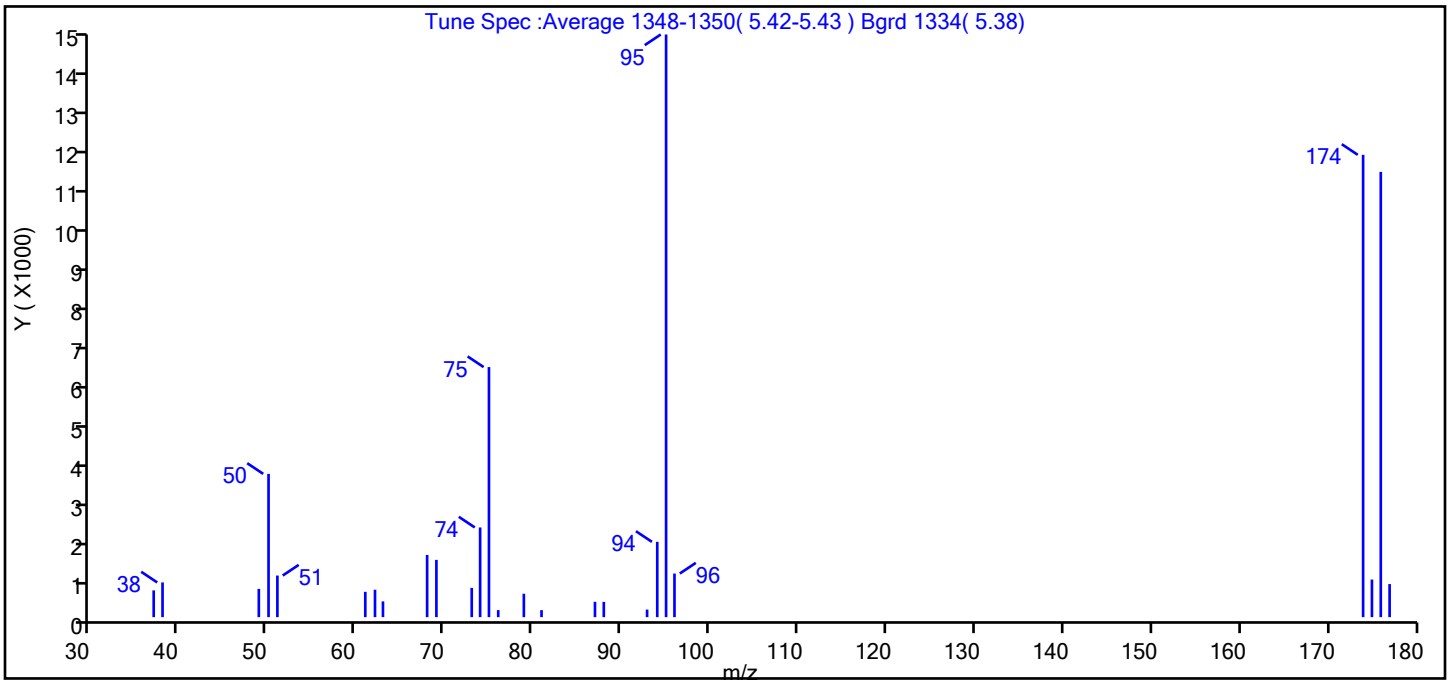
BFB_WRK_00144 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4072.D
Injection Date: 17-Apr-2023 14:31:50 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.6
75	30 to 60% of m/z 95	42.9
96	5 to 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	79.3
175	5 to 9% of m/z 174	6.4 (8.1)
176	Greater than 95% but less than 101% of m/z 174	76.4 (96.3)
177	5 to 9% of m/z 176	5.7 (7.4)

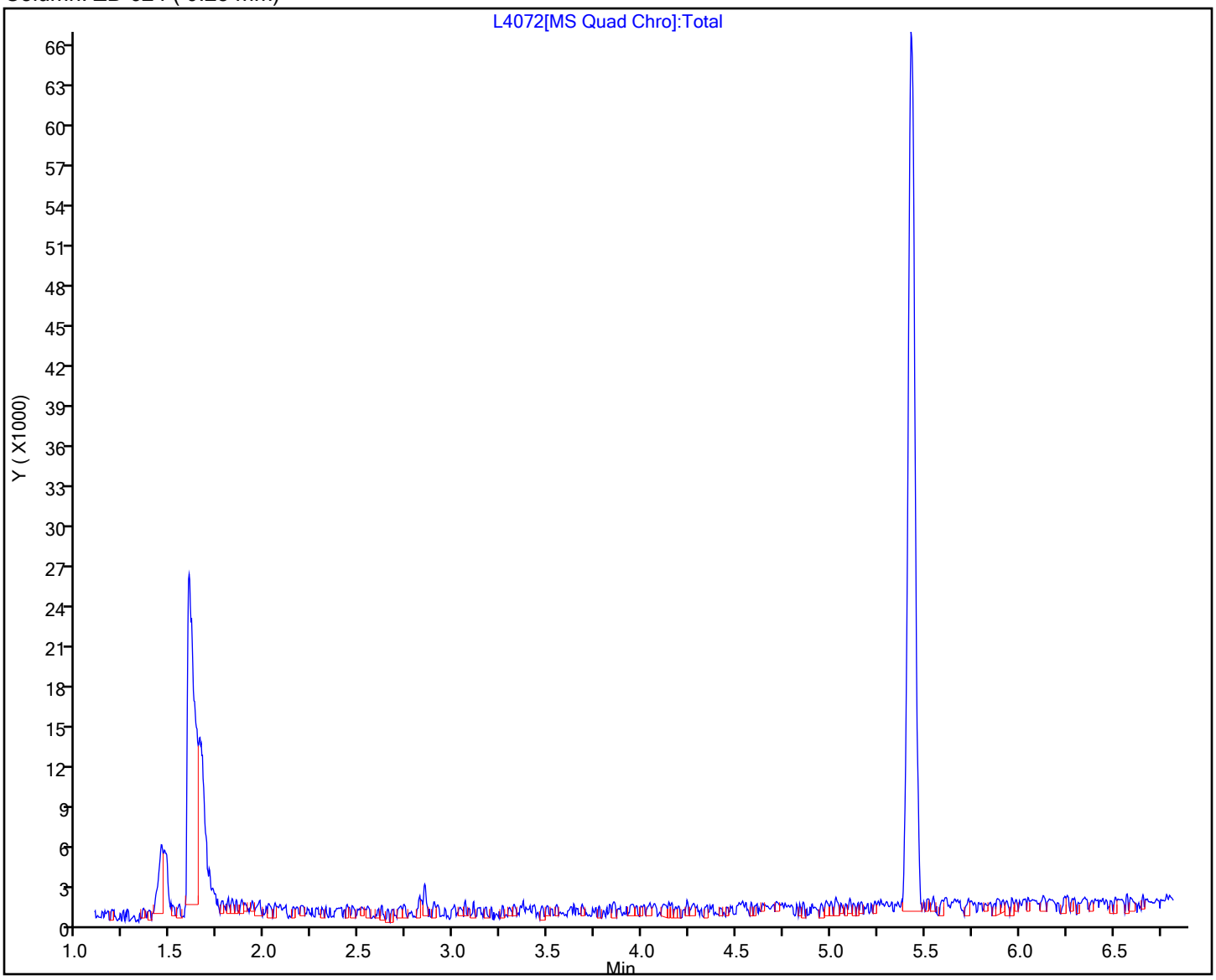
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4072.D\L-8260.rslt\spectra.d
Injection Date: 17-Apr-2023 14:31:50
Spectrum: Tune Spec :Average 1348-1350(5.42-5.43) Bgrd 1334(5.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 26

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	652	63.00	384	79.00	570	96.00	1063
38.00	846	68.00	1515	81.00	171	174.00	11268
49.00	688	69.00	1396	87.00	374	175.00	916
50.00	3492	73.00	713	88.00	372	176.00	10853
51.00	1014	74.00	2186	93.00	184	177.00	806
61.00	617	75.00	6095	94.00	1835		
62.00	668	76.00	172	95.00	14202		

Report Date: 18-Apr-2023 10:39:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4072.D
Injection Date: 17-Apr-2023 14:31:50 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4099.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 18-Apr-2023 11:37:50 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0111184-003
Operator ID: CB Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 18-Apr-2023 11:48:28 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: LS5G Date: 18-Apr-2023 11:48:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.431	5.431	0.000	0	53045	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

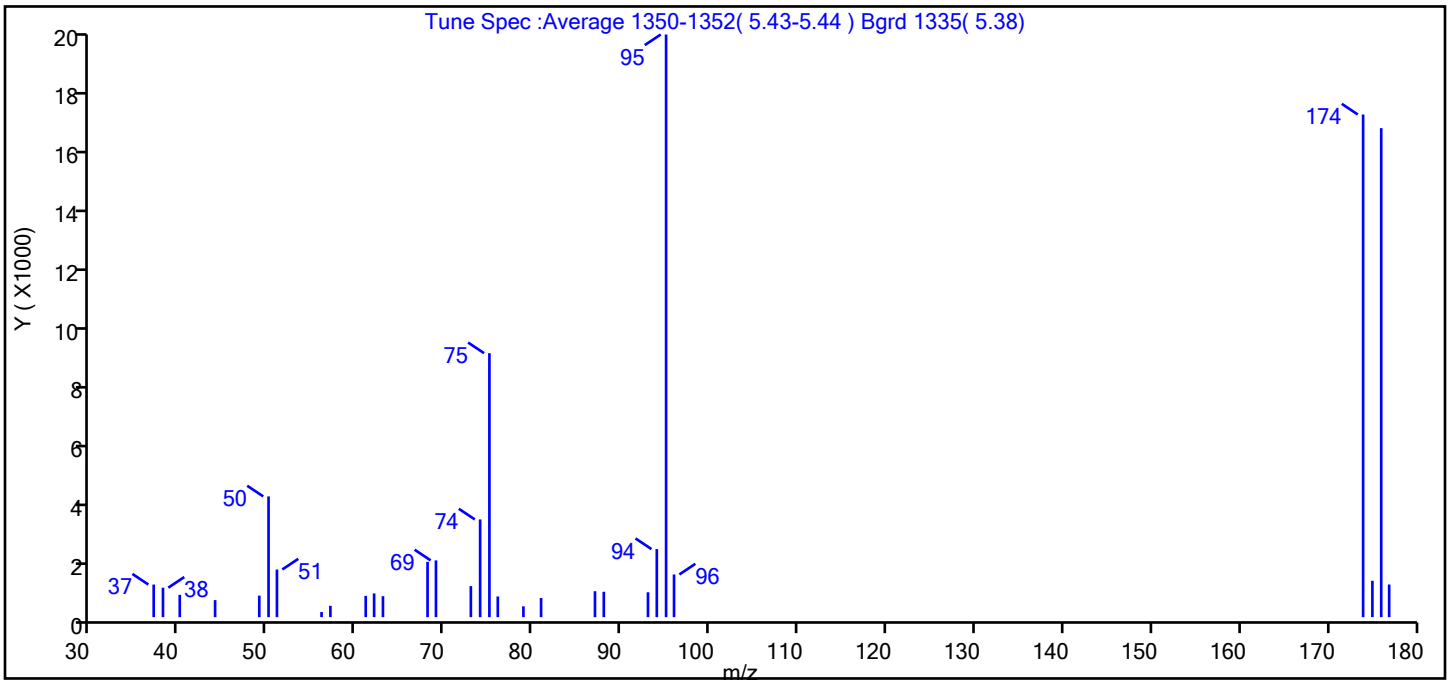
BFB_WRK_00144 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4099.D
Injection Date: 18-Apr-2023 11:37:50 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.7
75	30 to 60% of m/z 95	45.3
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.3
175	5 to 9% of m/z 174	6.2 (7.2)
176	Greater than 95% but less than 101% of m/z 174	83.9 (97.3)
177	5 to 9% of m/z 176	5.6 (6.7)

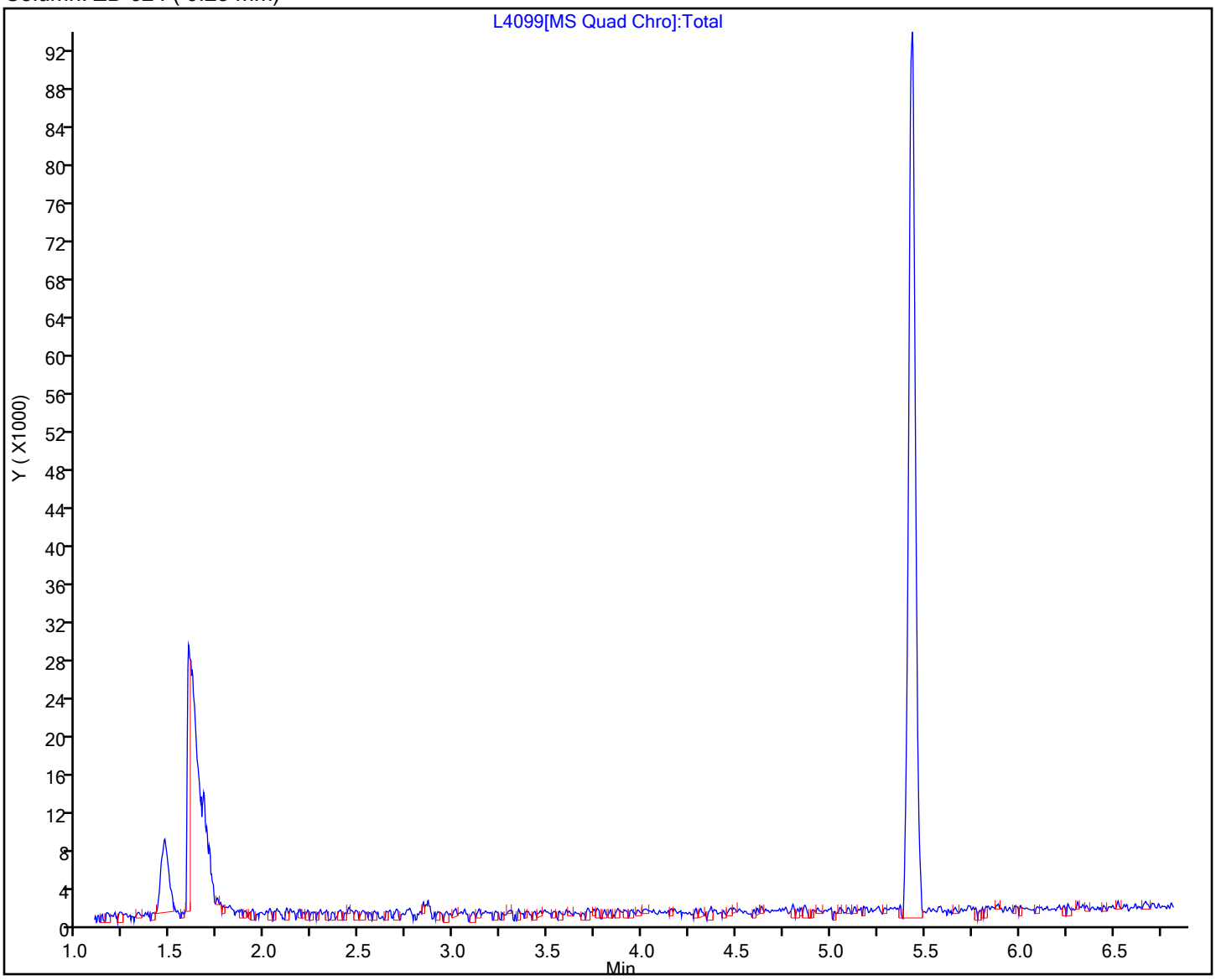
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4099.D\L-8260.rslt\spectra.d
Injection Date: 18-Apr-2023 11:37:50
Spectrum: Tune Spec :Average 1350-1352(5.43-5.44) Bgrd 1335(5.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 30

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1075	57.00	373	75.00	8709	95.00	19224
38.00	972	61.00	703	76.00	682	96.00	1408
40.00	737	62.00	782	79.00	357	174.00	16584
44.00	562	63.00	691	81.00	631	175.00	1200
49.00	710	68.00	1824	87.00	856	176.00	16134
50.00	3983	69.00	1873	88.00	838	177.00	1077
51.00	1572	73.00	1025	93.00	820		
56.00	169	74.00	3224	94.00	2245		

Report Date: 18-Apr-2023 11:48:28 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230418-111184.b\L4099.D
Injection Date: 18-Apr-2023 11:37:50 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: CB ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6660.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 23-Jun-2023 21:05:13 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0112428-003
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 10:43:36 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 10:43:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.428	5.428	0.000	0	332710	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

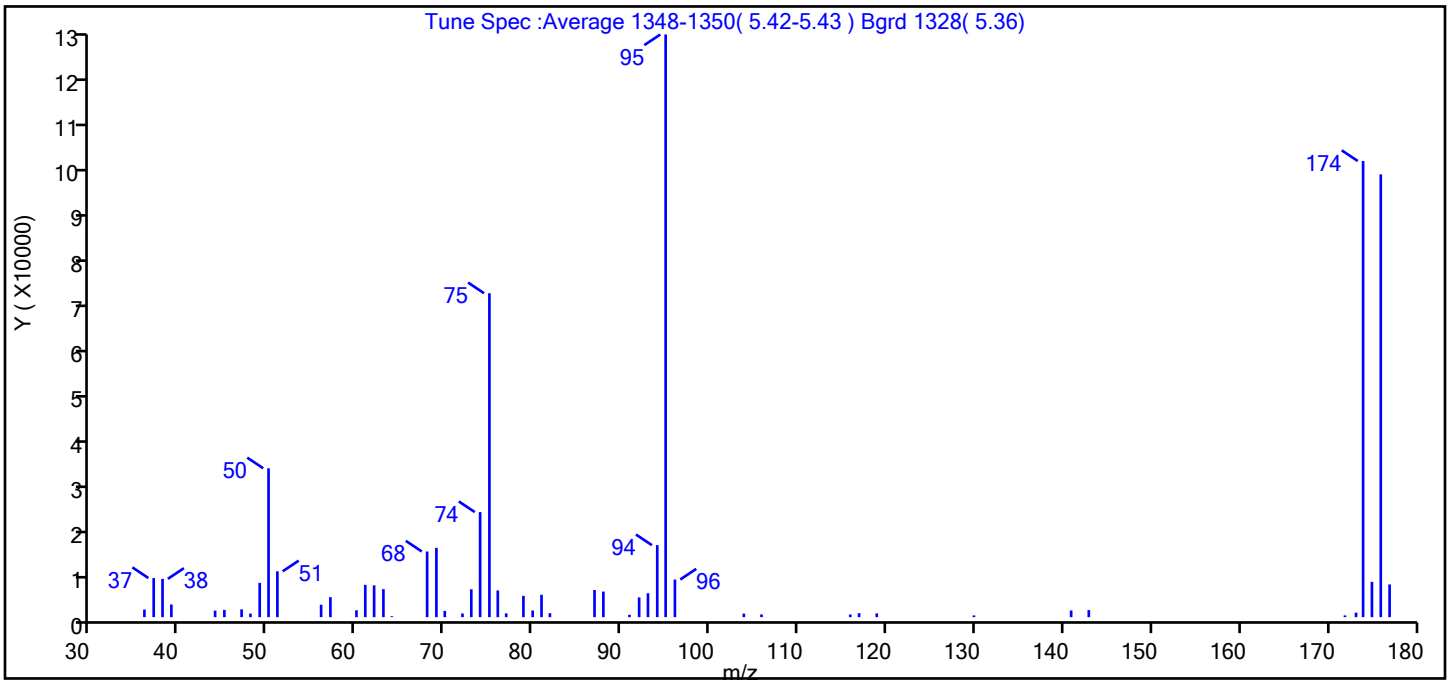
BFB_WRK_00147 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6660.D
Injection Date: 23-Jun-2023 21:05:13 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.5
75	30 to 60% of m/z 95	55.6
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	78.3
175	5 to 9% of m/z 174	6.1 (7.7)
176	Greater than 95% but less than 101% of m/z 174	76.0 (97.1)
177	5 to 9% of m/z 176	5.6 (7.4)

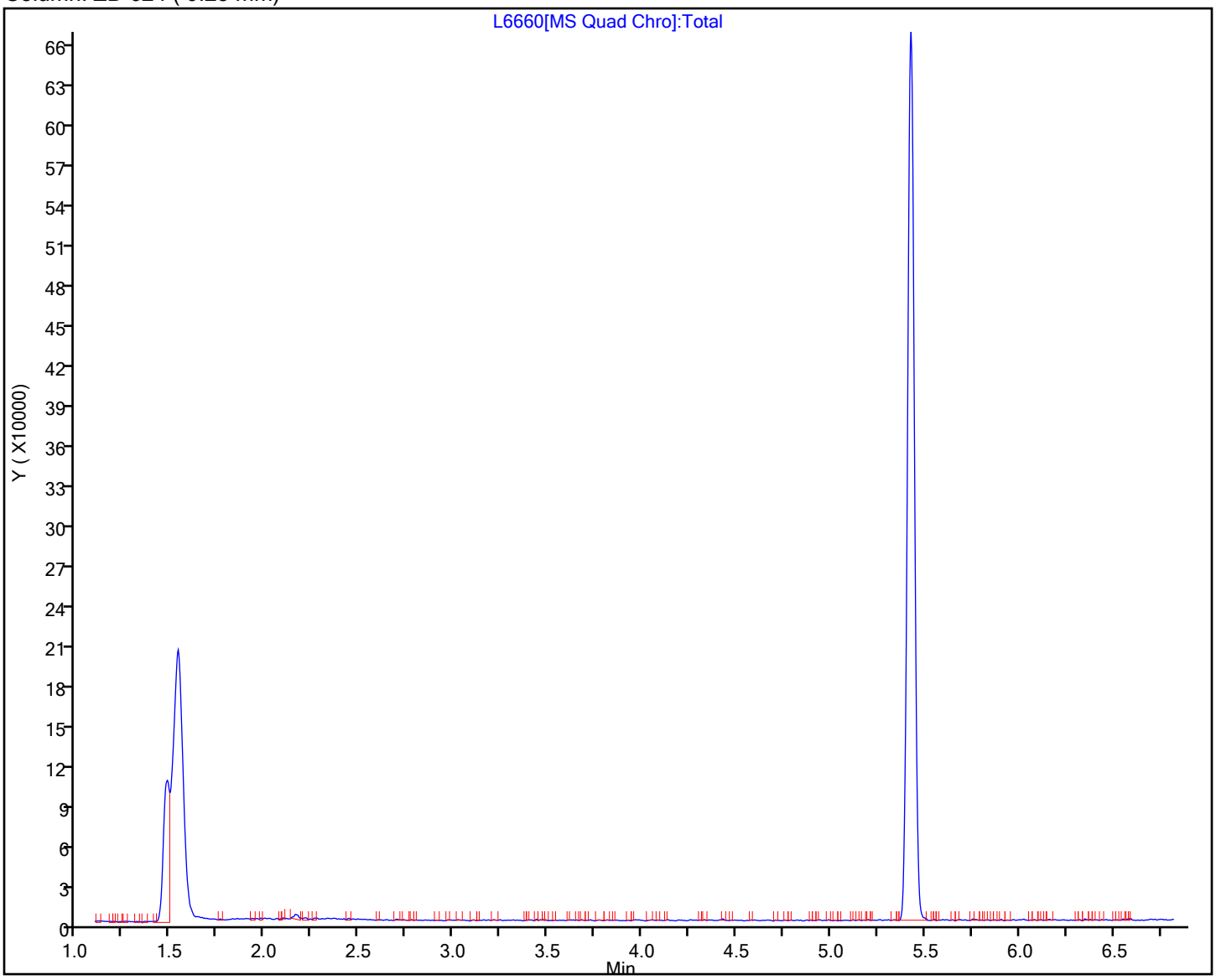
Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6660.D\L-8260.rslt\spectra.d
Injection Date: 23-Jun-2023 21:05:13
Spectrum: Tune Spec :Average 1348-1350(5.42-5.43) Bgrd 1328(5.36)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1691	61.00	7171	80.00	1476	117.00	878
37.00	8684	62.00	7062	81.00	4968	119.00	831
38.00	8509	63.00	6226	82.00	880	130.00	385
39.00	2808	64.00	200	87.00	6031	141.00	1487
44.00	1450	68.00	14582	88.00	5680	143.00	1568
45.00	1608	69.00	15392	91.00	533	172.00	384
47.00	1722	70.00	1385	92.00	4384	173.00	1005
48.00	795	72.00	810	93.00	5305	174.00	101320
49.00	7609	73.00	6187	94.00	15990	175.00	7838
50.00	33064	74.00	23336	95.00	129432	176.00	98360
51.00	10183	75.00	71952	96.00	8357	177.00	7271
56.00	2757	76.00	5929	104.00	780		
57.00	4431	77.00	831	106.00	598		
60.00	1525	79.00	4737	116.00	587		

Report Date: 24-Jun-2023 10:43:37 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6660.D
Injection Date: 23-Jun-2023 21:05:13 Instrument ID: HP5977L
Lims ID: BFB
Client ID:
Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: L-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-674307/8

Matrix: Water | Lab File ID: L6665.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2023 23:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6665.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 23:07:20 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0112428-008
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	98	138738	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	577292	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	97	296418	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	91	209617	25.0	24.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.525	5.525	0.000	99	268975	25.0	27.4	
$ 6 Toluene-d8 (Surr)	98	7.204	7.200	0.004	95	785925	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	97	226944	25.0	24.8	
10 Dichlorodifluoromethane	85		1.782					ND	
9 Chlorodifluoromethane	51		1.815					ND	
13 Chloromethane	50		2.027					ND	
14 Vinyl chloride	62		2.117					ND	
15 Butadiene	54		2.143					ND	
18 Bromomethane	94		2.490					ND	
19 Chloroethane	64		2.583					ND	
20 Dichlorofluoromethane	67		2.779					ND	
21 Trichlorofluoromethane	101		2.779					ND	
11 Ethanol	45		3.033					ND	
26 Ethyl ether	59		3.036					ND	
12 Propene oxide	58		3.139					ND	
28 Acrolein	56		3.220					ND	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.261					ND	
30 1,1-Dichloroethene	96		3.281					ND	
31 Acetone	43		3.358					ND	
33 Iodomethane	142		3.467					ND	
16 Isopropyl alcohol	45		3.493					ND	
35 Carbon disulfide	76		3.503					ND	
37 3-Chloro-1-propene	41		3.596					ND	
38 Methyl acetate	43		3.618					ND	
17 Acetonitrile	40		3.651					ND	
39 Methylene Chloride	84		3.737					ND	
40 2-Methyl-2-propanol	59		3.834					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
41 Methyl tert-butyl ether	73		3.905					ND	
42 trans-1,2-Dichloroethene	96		3.933					ND	
44 Acrylonitrile	53		3.972					ND	
47 Hexane	57		4.091					ND	
22 Isopropyl ether	45		4.284					ND	
23 Halothane	117		4.294					ND	
50 1,1-Dichloroethane	63		4.310					ND	
49 Vinyl acetate	43		4.326					ND	
25 1,1-Dimethoxyethane	75		4.361					ND	
24 2-Chloro-1,3-butadiene	53		4.364					ND	
27 Tert-butyl ethyl ether	59		4.590					ND	
56 2,2-Dichloropropane	77		4.786					ND	
58 cis-1,2-Dichloroethene	96		4.808					ND	
57 2-Butanone (MEK)	43		4.821					ND	
32 Ethyl acetate	43		4.824					ND	
34 Propionitrile	54		4.924					ND	
36 Methacrylonitrile	41		5.024					ND	
60 Chlorobromomethane	128		5.030					ND	
61 Tetrahydrofuran	42		5.049					ND	
62 Chloroform	83		5.078					ND	
64 1,1,1-Trichloroethane	97		5.210					ND	
65 Cyclohexane	56		5.226					ND	
66 Carbon tetrachloride	117		5.339					ND	
67 1,1-Dichloropropene	75		5.342					ND	
69 Isobutyl alcohol	43		5.464					ND	
43 Isooctane	57		5.506					ND	
45 t-Amyl alcohol	59		5.532					ND	
70 Benzene	78		5.538					ND	
46 Tert-amyl methyl ether	73		5.570					ND	
72 1,2-Dichloroethane	62		5.593					ND	
73 n-Heptane	43		5.650					ND	
48 1,4-Difluorobenzene	114		5.856					ND	
51 2,4,4-Trimethyl-1-pentene	55		5.969					ND	
52 n-Butanol	56		6.040					ND	
75 Trichloroethene	95		6.094					ND	
53 Ethyl acrylate	55		6.162					ND	
54 2,4,4-Trimethyl-2-pentene	97		6.172					ND	
76 Methylcyclohexane	83		6.216					ND	
77 1,2-Dichloropropane	63		6.326					ND	
55 Methyl methacrylate	41		6.364					ND	
81 1,4-Dioxane	88		6.445					ND	
82 Dibromomethane	93		6.464					ND	
83 Dichlorobromomethane	83		6.586					ND	
84 2-Chloroethyl vinyl ether	63		6.818					ND	
59 2-Nitropropane	43		6.818					ND	
63 Epichlorohydrin	57		6.930					ND	
85 cis-1,3-Dichloropropene	75		6.978					ND	
87 4-Methyl-2-pentanone (MIBK)	43		7.091					ND	
88 Toluene	92		7.268					ND	
68 2-Methylthiophene	97		7.406					ND	
91 trans-1,3-Dichloropropene	75		7.512					ND	
90 Ethyl methacrylate	69		7.519					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
71 3-Methylthiophene	97		7.564					ND	
93 1,1,2-Trichloroethane	83		7.708					ND	
94 Tetrachloroethene	166		7.789					ND	
95 1,3-Dichloropropane	76		7.876					ND	
96 2-Hexanone	43		7.901					ND	
74 n-Butyl acetate	43		7.982					ND	
98 Chlorodibromomethane	129		8.113					ND	
101 Ethylene Dibromide	107		8.239					ND	
78 1-Chlorohexane	55		8.599					ND	
79 3-Chlorobenzotrifluoride	180		8.609					ND	
80 4-Chlorobenzotrifluoride	180		8.667					ND	
103 Chlorobenzene	112		8.692					ND	
104 Ethylbenzene	91		8.763					ND	
105 1,1,1,2-Tetrachloroethane	131		8.776					ND	
106 m-Xylene & p-Xylene	106		8.879					ND	
107 o-Xylene	106		9.310					ND	
109 Styrene	104		9.335					ND	
86 2-Chlorobenzotrifluoride	180		9.599					ND	
110 Bromoform	173		9.612					ND	
111 Isopropylbenzene	105		9.683					ND	
89 Cyclohexanone	55		9.895					ND	U
113 Bromobenzene	156		10.078					ND	
112 1,1,2,2-Tetrachloroethane	83		10.091					ND	
114 N-Propylbenzene	91		10.126					ND	
115 trans-1,4-Dichloro-2-butene	53		10.139					ND	
116 1,2,3-Trichloropropane	110		10.142					ND	
117 2-Chlorotoluene	126		10.252					ND	
118 1,3,5-Trimethylbenzene	105		10.297					ND	
92 3-Chlorotoluene	126		10.316					ND	
119 4-Chlorotoluene	91		10.364					ND	
120 tert-Butylbenzene	134		10.628					ND	
121 1,2,4-Trimethylbenzene	105		10.683					ND	
97 Pentachloroethane	167		10.702					ND	
122 sec-Butylbenzene	105		10.837					ND	
123 4-Isopropyltoluene	119		10.969					ND	
124 1,3-Dichlorobenzene	146		10.998					ND	
99 Dicyclopentadiene	66		11.065					ND	U
126 1,4-Dichlorobenzene	146		11.081					ND	
100 1,2,3-Trimethylbenzene	105		11.097					ND	
102 Benzyl chloride	126		11.216					ND	
127 n-Butylbenzene	91		11.351					ND	
128 1,2-Dichlorobenzene	146		11.432					ND	
129 1,2-Dibromo-3-Chloropropane	75		12.129					ND	
108 1,3,5-Trichlorobenzene	180		12.249					ND	
130 1,2,4-Trichlorobenzene	180		12.756					ND	
131 Hexachlorobutadiene	225		12.846					ND	
132 Naphthalene	128		12.972					ND	
133 1,2,3-Trichlorobenzene	180		13.171					ND	
125 2-Methylnaphthalene	142		13.969					ND	
136 1-Bromopropane TIC	1		0.000					ND	
137 cis-1,4-Dichloro-2-butene	88		0.000					ND	
138 Nitrobenzene	77		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
135 Propene oxide TIC	1		0.000					ND	
134 Ethylene oxide TIC	1		0.000					ND	
139 Hexachloroethane	117		0.000					ND	
S 143 Xylenes, Total	1		30.000					ND	7
S 142 Total BTEX	1		30.000					ND	7
S 144 1,3-Dichloropropene, Total	1		30.000					ND	7
S 141 1,2-Dichloroethene, Total	1		30.000					ND	7
S 145 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 24-Jun-2023 12:37:02 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6665.D

Injection Date: 23-Jun-2023 23:07:20 Instrument ID: HP5977L

Lims ID: MB

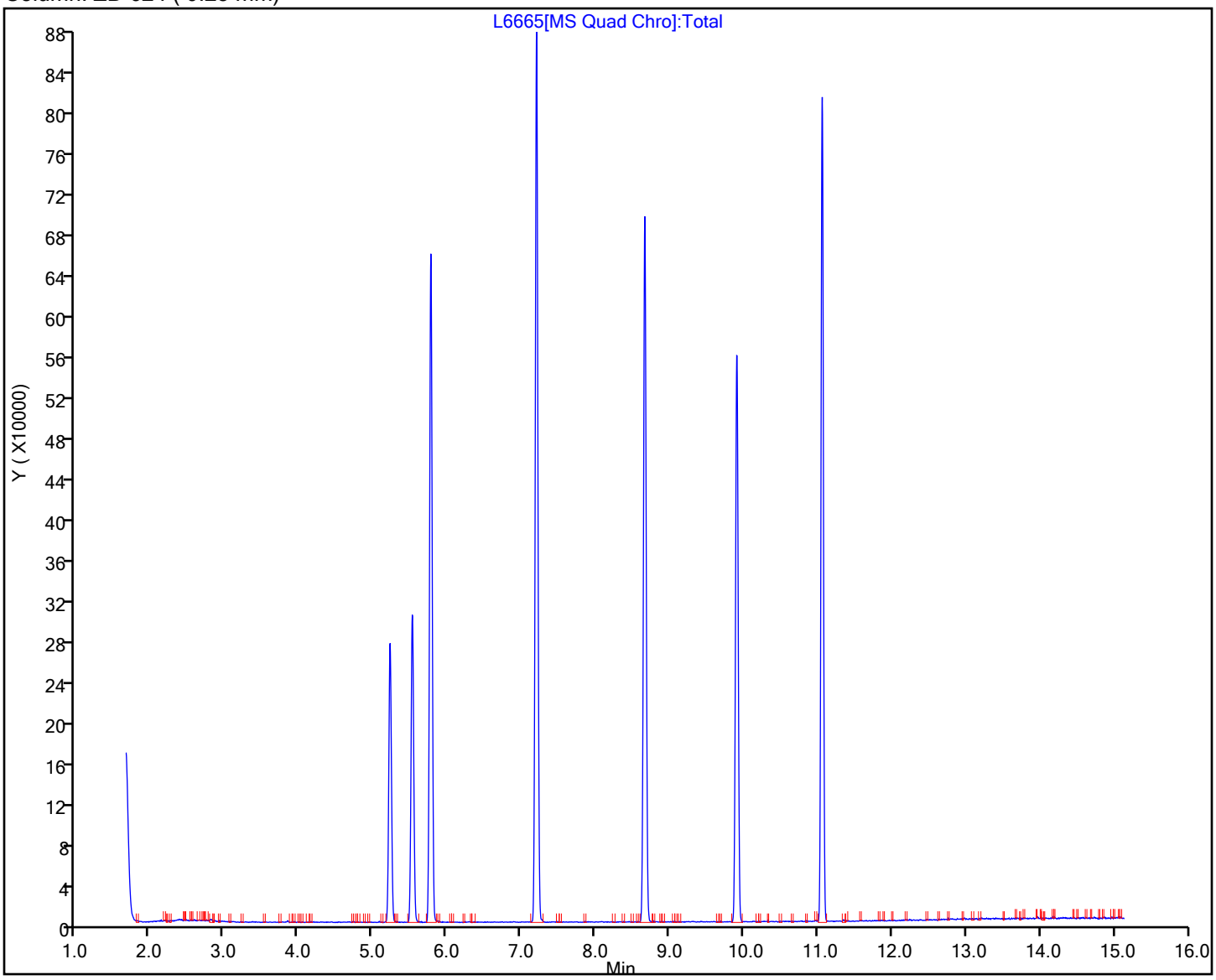
Client ID:

Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6665.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 23:07:20 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0112428-008
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:37:01 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:37:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.0	96.17
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.4	109.55
$ 6 Toluene-d8 (Surr)	25.0	24.6	98.38
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.8	99.04

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-674325/8

Matrix: Water | Lab File ID: S8864.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 15:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	1.0	U	1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.66
95-47-6	o-Xylene	1.0	U	1.0	0.76
1330-20-7	Xylenes, Total	2.0	U	2.0	0.66
STL00431	Total BTEX	2.0	U	2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8864.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2023 15:01:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0112432-008
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:16:31 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:16:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	202452	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.708	-0.006	86	373943	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	95	376056	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	68	227270	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	97	151171	25.0	24.1	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	83	871080	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.961	0.001	89	271701	25.0	26.2	
10 Dichlorodifluoromethane	85		0.992					ND	
11 Chlorodifluoromethane	51		1.010					ND	
12 Chloromethane	50		1.132					ND	
13 Vinyl chloride	62		1.199					ND	
151 Butadiene	54		1.217					ND	
14 Bromomethane	94		1.454					ND	
15 Chloroethane	64		1.515					ND	
17 Trichlorofluoromethane	101		1.692					ND	
16 Dichlorofluoromethane	67		1.692					ND	
18 Ethyl ether	59		1.911					ND	
148 Ethanol	45		1.917					ND	
19 Propene oxide	58		1.990					ND	
20 Acrolein	56		2.075					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.117					ND	
22 1,1-Dichloroethene	96		2.124					ND	
23 Acetone	43		2.221					ND	
25 Iodomethane	142		2.270					ND	
26 Carbon disulfide	76		2.294					ND	
24 Isopropyl alcohol	45		2.403					ND	
28 3-Chloro-1-propene	41		2.446					ND	
27 Methyl acetate	43		2.495					ND	
29 Acetonitrile	40		2.507					ND	
30 Methylene Chloride	84		2.586					ND	
31 2-Methyl-2-propanol	59		2.762					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.781					ND	
34 trans-1,2-Dichloroethene	96		2.793					ND	
33 Acrylonitrile	53		2.860					ND	
35 Hexane	57		2.981					ND	
39 1,1-Dichloroethane	63		3.194					ND	
36 Isopropyl ether	45		3.219					ND	
40 2-Chloro-1,3-butadiene	53		3.249					ND	
37 Vinyl acetate	43		3.261					ND	
38 1,1-Dimethoxyethane	75		3.285					ND	
41 Tert-butyl ethyl ether	59		3.547					ND	
44 2,2-Dichloropropane	77		3.693					ND	
45 cis-1,2-Dichloroethene	96		3.736					ND	
43 2-Butanone (MEK)	43		3.778					ND	
42 Ethyl acetate	43		3.778					ND	
139 Halothane	117		3.822					ND	
46 Propionitrile	54		3.876					ND	
48 Chlorobromomethane	128		3.961					ND	
49 Tetrahydrofuran	42		3.973					ND	
47 Methacrylonitrile	41		3.979					ND	
50 Chloroform	83		4.046					ND	
51 1,1,1-Trichloroethane	97		4.137					ND	
52 Cyclohexane	56		4.137					ND	
55 Carbon tetrachloride	117		4.271					ND	
54 1,1-Dichloropropene	75		4.289					ND	
57 Benzene	78		4.484					ND	
152 Isooctane	57		4.490					ND	U
53 Isobutyl alcohol	43		4.557					ND	
58 1,2-Dichloroethane	62		4.563					ND	
56 Tert-amyl methyl ether	73		4.575					ND	
147 t-Amyl alcohol	59		4.593					ND	
59 n-Heptane	43		4.679					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.877					ND	
1 1,4-Difluorobenzene	114		4.879					ND	
62 Trichloroethene	95		5.092					ND	
60 n-Butanol	56		5.165					ND	
64 Methylcyclohexane	83		5.196					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.202					ND	
142 Ethyl acrylate	55		5.238					ND	
65 1,2-Dichloropropane	63		5.323					ND	
63 Methyl methacrylate	41		5.451					ND	
67 Dibromomethane	93		5.463					ND	
66 1,4-Dioxane	88		5.476					ND	
68 Dichlorobromomethane	83		5.622					ND	
70 2-Nitropropane	43		5.914					ND	U
69 2-Chloroethyl vinyl ether	63		5.914					ND	
71 Epichlorohydrin	57		5.999					ND	
72 cis-1,3-Dichloropropene	75		6.035					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.187					ND	
74 Toluene	92		6.309					ND	
76 2-Methylthiophene	97		6.443					ND	
77 trans-1,3-Dichloropropene	75		6.607					ND	
78 3-Methylthiophene	97		6.607					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		6.668					ND	
79 1,1,2-Trichloroethane	83		6.790					ND	
81 Tetrachloroethene	166		6.826					ND	
82 1,3-Dichloropropane	76		6.942					ND	
80 2-Hexanone	43		7.027					ND	
155 n-Butyl acetate	43		7.142					ND	
83 Chlorodibromomethane	129		7.173					ND	
84 Ethylene Dibromide	107		7.258					ND	
146 1-Chlorohexane	55		7.708					ND	
87 Chlorobenzene	112		7.733					ND	
85 3-Chlorobenzotrifluoride	180		7.733					ND	
86 4-Chlorobenzotrifluoride	180		7.793					ND	
88 Ethylbenzene	91		7.836					ND	
89 1,1,1,2-Tetrachloroethane	131		7.842					ND	
90 m-Xylene & p-Xylene	106		7.958					ND	
91 o-Xylene	106		8.377					ND	
92 Styrene	104		8.408					ND	
95 Bromoform	173		8.645					ND	
93 2-Chlorobenzotrifluoride	180		8.700					ND	
94 Isopropylbenzene	105		8.761					ND	
96 Cyclohexanone	55		8.931					ND	
101 Bromobenzene	156		9.101					ND	
97 1,1,2,2-Tetrachloroethane	83		9.193					ND	
99 N-Propylbenzene	91		9.205					ND	
100 1,2,3-Trichloropropane	110		9.217					ND	
98 trans-1,4-Dichloro-2-butene	53		9.241					ND	
103 2-Chlorotoluene	126		9.302					ND	
104 3-Chlorotoluene	126		9.375					ND	
102 1,3,5-Trimethylbenzene	105		9.399					ND	
105 4-Chlorotoluene	126		9.430					ND	
106 tert-Butylbenzene	134		9.734					ND	
108 Pentachloroethane	167		9.789					ND	
107 1,2,4-Trimethylbenzene	105		9.789					ND	
109 sec-Butylbenzene	105		9.953					ND	
111 1,3-Dichlorobenzene	146		10.081					ND	
110 4-Isopropyltoluene	119		10.105					ND	
114 Dicyclopentadiene	66		10.142					ND	
113 1,4-Dichlorobenzene	146		10.178					ND	
112 1,2,3-Trimethylbenzene	105		10.215					ND	
150 Benzyl chloride	126		10.336					ND	
115 n-Butylbenzene	91		10.507					ND	
116 1,2-Dichlorobenzene	146		10.537					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.291					ND	
118 1,3,5-Trichlorobenzene	180		11.425					ND	
119 1,2,4-Trichlorobenzene	180		11.973					ND	
120 Hexachlorobutadiene	225		12.088					ND	
121 Naphthalene	128		12.186					ND	
122 1,2,3-Trichlorobenzene	180		12.386					ND	
149 2-Methylnaphthalene	142		13.104					ND	U
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
134 Pentachloroethane TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
143 Propene oxide TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 124 Xylenes, Total	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
U - Marked Undetected

Reagents:

S_8260_IS_00364	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added:	1.00	Units: uL	Run Reagent

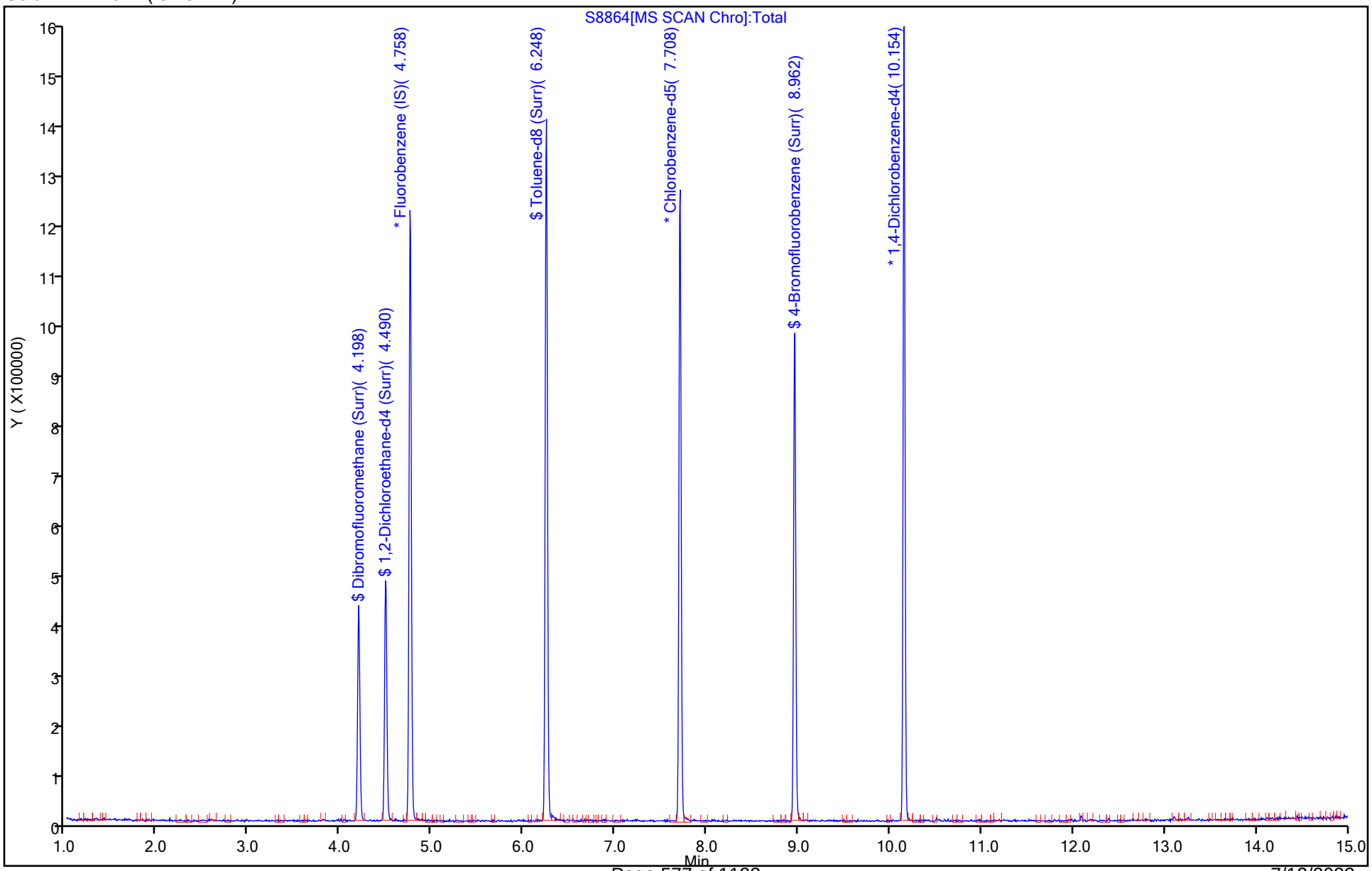
Report Date: 26-Jun-2023 11:16:32 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8864.d

Injection Date:	24-Jun-2023 15:01:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8864.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2023 15:01:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0112432-008
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:16:31 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:16:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	25.0	100.08
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	24.1	96.44
$ 5 Toluene-d8 (Surr)	25.0	24.8	99.23
$ 6 4-Bromofluorobenzene (Surr)	25.0	26.2	104.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-674307/6

Matrix: Water | Lab File ID: L6663.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/23/2023 22:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	26.1		1.0	0.41
108-88-3	Toluene	26.7		1.0	0.51
100-41-4	Ethylbenzene	27.6		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	27.3		2.0	0.66
95-47-6	o-Xylene	26.8		1.0	0.76
1330-20-7	Xylenes, Total	54.1		2.0	0.66
STL00431	Total BTEX	135		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6663.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 22:18:43 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0112428-006
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:36:18 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:36:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.776	5.776	0.000	99	135704	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.663	8.663	0.000	87	560561	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	96	301500	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.226	5.226	0.000	82	208340	25.0	24.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.528	5.525	0.003	99	267689	25.0	27.9	
$ 6 Toluene-d8 (Surr)	98	7.200	7.200	0.000	94	767193	25.0	24.7	
$ 7 4-Bromofluorobenzene (Surr)	174	9.908	9.908	0.000	98	229510	25.0	25.8	
10 Dichlorodifluoromethane	85	1.773	1.782	-0.009	98	226005	25.0	27.9	
13 Chloromethane	50	2.024	2.027	-0.003	98	236543	25.0	19.7	
14 Vinyl chloride	62	2.111	2.117	-0.006	97	226375	25.0	22.9	
15 Butadiene	54	2.139	2.143	-0.004	91	196341	25.0	18.5	
18 Bromomethane	94	2.477	2.490	-0.013	90	135980	25.0	22.0	
19 Chloroethane	64	2.574	2.583	-0.009	99	130532	25.0	20.9	
21 Trichlorofluoromethane	101	2.773	2.779	-0.006	91	293573	25.0	27.4	
20 Dichlorofluoromethane	67	2.773	2.779	-0.006	94	329960	25.0	26.0	
26 Ethyl ether	59	3.040	3.036	0.004	96	214350	25.0	25.4	
28 Acrolein	56	3.223	3.220	0.003	99	87928	125.0	114.8	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.249	3.249	-0.012	95	134410	25.0	21.2	a
30 1,1-Dichloroethene	96	3.275	3.281	-0.007	96	190792	25.0	28.1	
31 Acetone	43	3.358	3.358	0.000	98	637273	125.0	169.5	
33 Iodomethane	142	3.455	3.467	-0.012	100	304982	25.0	23.1	
35 Carbon disulfide	76	3.490	3.503	-0.013	99	525679	25.0	25.9	
37 3-Chloro-1-propene	41	3.599	3.596	0.003	86	342061	25.0	23.9	
38 Methyl acetate	43	3.619	3.618	0.001	99	631754	50.0	52.5	
39 Methylene Chloride	84	3.731	3.737	-0.006	98	214772	25.0	26.4	
40 2-Methyl-2-propanol	59	3.834	3.834	0.000	99	438350	250.0	521.5	
41 Methyl tert-butyl ether	73	3.905	3.905	0.000	98	685742	25.0	27.7	
42 trans-1,2-Dichloroethene	96	3.934	3.933	0.001	97	214646	25.0	26.2	
44 Acrylonitrile	53	3.975	3.972	0.003	97	1418089	250.0	240.2	
47 Hexane	57	4.091	4.091	0.000	95	361884	25.0	33.7	
50 1,1-Dichloroethane	63	4.313	4.310	0.003	97	396441	25.0	27.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
49 Vinyl acetate	43	4.326	4.326	0.000	98	1166632	50.0	55.1	
56 2,2-Dichloropropane	77	4.786	4.786	0.000	90	221205	25.0	29.6	
58 cis-1,2-Dichloroethene	96	4.811	4.808	0.003	85	237887	25.0	26.6	
57 2-Butanone (MEK)	43	4.821	4.821	0.000	99	1065275	125.0	141.4	
60 Chlorobromomethane	128	5.030	5.030	0.000	96	127893	25.0	27.4	
61 Tetrahydrofuran	42	5.049	5.049	0.000	89	269608	50.0	52.9	
62 Chloroform	83	5.082	5.078	0.004	94	378045	25.0	27.3	
64 1,1,1-Trichloroethane	97	5.210	5.210	0.000	98	305575	25.0	26.7	
65 Cyclohexane	56	5.226	5.226	0.000	94	324473	25.0	23.7	
66 Carbon tetrachloride	117	5.342	5.339	0.003	95	282320	25.0	28.0	
67 1,1-Dichloropropene	75	5.345	5.342	0.003	94	293726	25.0	28.4	
69 Isobutyl alcohol	43	5.464	5.464	0.000	93	604568	625.0	757.6	
70 Benzene	78	5.538	5.538	0.000	98	822616	25.0	26.1	
72 1,2-Dichloroethane	62	5.593	5.593	0.000	97	358114	25.0	29.6	
73 n-Heptane	43	5.651	5.650	0.001	93	362055	25.0	28.7	
75 Trichloroethene	95	6.094	6.094	0.000	96	220207	25.0	26.8	
76 Methylcyclohexane	83	6.217	6.216	0.001	95	355327	25.0	31.1	
77 1,2-Dichloropropane	63	6.329	6.326	0.003	90	219682	25.0	26.0	
81 1,4-Dioxane	88	6.445	6.445	0.000	95	68689	500.0	721.8	
82 Dibromomethane	93	6.464	6.464	0.000	96	153048	25.0	27.2	
83 Dichlorobromomethane	83	6.586	6.586	0.000	97	287664	25.0	27.7	
84 2-Chloroethyl vinyl ether	63	6.818	6.818	0.000	93	183248	25.0	27.2	
85 cis-1,3-Dichloropropene	75	6.979	6.978	0.001	91	342765	25.0	26.6	
87 4-Methyl-2-pentanone (MIBK)	43	7.091	7.091	0.000	99	2060895	125.0	135.9	
88 Toluene	92	7.268	7.268	0.000	98	533888	25.0	26.7	
91 trans-1,3-Dichloropropene	75	7.512	7.512	0.000	98	332588	25.0	28.4	
90 Ethyl methacrylate	69	7.519	7.519	0.000	94	335560	25.0	28.6	
93 1,1,2-Trichloroethane	83	7.712	7.708	0.004	94	173175	25.0	26.5	
94 Tetrachloroethene	166	7.792	7.789	0.003	93	223703	25.0	26.8	
95 1,3-Dichloropropane	76	7.876	7.876	0.000	95	365697	25.0	27.4	
96 2-Hexanone	43	7.901	7.901	0.000	98	1597475	125.0	148.3	
98 Chlorodibromomethane	129	8.117	8.113	0.004	90	236139	25.0	27.3	
101 Ethylene Dibromide	107	8.239	8.239	0.000	100	232939	25.0	27.1	
103 Chlorobenzene	112	8.696	8.692	0.004	95	610729	25.0	26.5	
104 Ethylbenzene	91	8.763	8.763	0.000	99	1000686	25.0	27.6	
105 1,1,1,2-Tetrachloroethane	131	8.779	8.776	0.003	93	217937	25.0	26.7	
106 m-Xylene & p-Xylene	106	8.879	8.879	0.000	99	397905	25.0	27.3	
107 o-Xylene	106	9.310	9.310	0.000	97	389149	25.0	26.8	
109 Styrene	104	9.335	9.335	0.000	95	653203	25.0	27.6	
110 Bromoform	173	9.612	9.612	0.000	94	158173	25.0	26.2	
111 Isopropylbenzene	105	9.686	9.683	0.003	96	1001816	25.0	25.9	
113 Bromobenzene	156	10.078	10.078	0.000	94	248141	25.0	24.5	
112 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	95	335608	25.0	25.6	
114 N-Propylbenzene	91	10.123	10.126	-0.003	99	1205819	25.0	26.4	
115 trans-1,4-Dichloro-2-butene	53	10.136	10.139	-0.003	74	111844	25.0	25.6	
116 1,2,3-Trichloropropane	110	10.139	10.142	-0.003	89	117328	25.0	27.0	
117 2-Chlorotoluene	126	10.252	10.252	0.000	97	244220	25.0	25.8	
118 1,3,5-Trimethylbenzene	105	10.300	10.297	0.003	94	843363	25.0	26.4	
119 4-Chlorotoluene	91	10.364	10.364	0.000	98	720119	25.0	26.5	
120 tert-Butylbenzene	134	10.628	10.628	0.000	94	193352	25.0	25.4	
121 1,2,4-Trimethylbenzene	105	10.683	10.683	0.000	98	877315	25.0	26.5	
122 sec-Butylbenzene	105	10.837	10.837	0.000	94	1101285	25.0	26.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
123 4-Isopropyltoluene	119	10.969	10.969	0.000	97	958115	25.0	26.8	
124 1,3-Dichlorobenzene	146	10.998	10.998	0.000	98	492207	25.0	25.8	
126 1,4-Dichlorobenzene	146	11.081	11.081	0.000	94	506827	25.0	25.4	
127 n-Butylbenzene	91	11.348	11.351	-0.003	98	856294	25.0	27.3	
128 1,2-Dichlorobenzene	146	11.432	11.432	0.000	97	476716	25.0	25.4	
129 1,2-Dibromo-3-Chloropropane	75	12.130	12.129	0.001	84	74124	25.0	27.0	
130 1,2,4-Trichlorobenzene	180	12.757	12.756	0.001	94	308206	25.0	24.7	
131 Hexachlorobutadiene	225	12.847	12.846	0.001	92	121991	25.0	25.2	
132 Naphthalene	128	12.972	12.972	0.000	97	1072132	25.0	24.5	
133 1,2,3-Trichlorobenzene	180	13.175	13.171	0.004	95	292325	25.0	24.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added:	12.50	Units: uL	
GAS CORP mix_00571	Amount Added:	12.50	Units: uL	
L_8260_SURR_00045	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_IS_00047	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 24-Jun-2023 12:36:18 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6663.D

Injection Date: 23-Jun-2023 22:18:43 Instrument ID: HP5977L

Lims ID: LCS

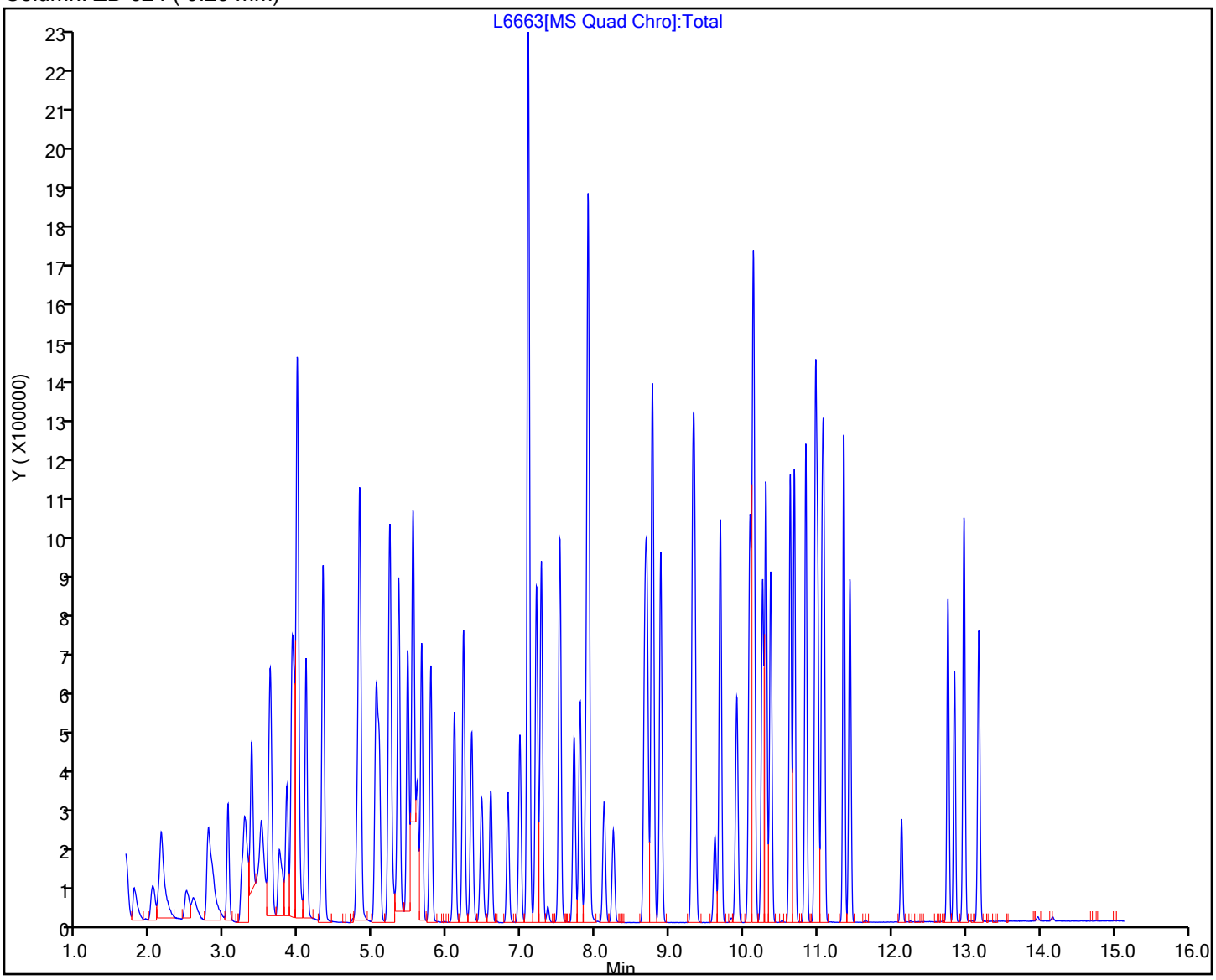
Client ID:

Operator ID: AK ALS Bottle#: 0 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: L-8260 Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.25 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L6663.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 22:18:43 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0112428-006
Operator ID: AK Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20230623-112428.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2023 12:36:18 Calib Date: 17-Apr-2023 22:43:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20230417-111151.b\L4092.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: R3QB Date: 24-Jun-2023 12:36:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.4	97.72
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	27.9	111.46
$ 6 Toluene-d8 (Surr)	25.0	24.7	98.90
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.8	103.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-674325/6

Matrix: Water | Lab File ID: S8862.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 14:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	27.6		1.0	0.41
108-88-3	Toluene	27.3		1.0	0.51
100-41-4	Ethylbenzene	27.3		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	28.9		2.0	0.66
95-47-6	o-Xylene	27.4		1.0	0.76
1330-20-7	Xylenes, Total	56.3		2.0	0.66
STL00431	Total BTEX	139		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8862.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2023 14:14:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0112432-006
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 27-Jun-2023 10:20:15 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: pinsuwanc Date: 27-Jun-2023 10:20:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	196879	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	85	379404	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	69	368714	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	228603	25.0	25.9	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	52	160321	25.0	26.3	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	76	886485	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.961	0.000	90	266090	25.0	25.3	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	87	255212	25.0	24.4	
11 Chlorodifluoromethane	51	1.010	1.010	0.000	76	293836	25.0	23.2	
12 Chloromethane	50	1.132	1.132	0.000	81	256829	25.0	22.0	
13 Vinyl chloride	62	1.199	1.199	0.000	75	242586	25.0	23.0	
151 Butadiene	54	1.217	1.217	0.000	94	231080	25.0	21.9	
14 Bromomethane	94	1.454	1.454	0.000	92	135881	25.0	22.2	
15 Chloroethane	64	1.515	1.515	0.000	99	140095	25.0	21.9	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	62	307085	25.0	24.5	
16 Dichlorofluoromethane	67	1.692	1.692	0.000	81	319533	25.0	23.7	
18 Ethyl ether	59	1.911	1.911	0.000	95	183701	25.0	21.4	
148 Ethanol	45	1.917	1.917	0.000	83	221487	1000.0	5072.3	E
19 Propene oxide	58	1.990	1.990	0.000	96	281333	NC	NC	
20 Acrolein	56	2.075	2.075	0.000	68	66910	125.0	114.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.117	2.117	0.000	78	211309	25.0	29.4	
22 1,1-Dichloroethene	96	2.124	2.124	0.000	90	177628	25.0	27.8	
23 Acetone	43	2.221	2.221	0.000	99	415612	125.0	135.2	
25 Iodomethane	142	2.270	2.270	0.000	98	312411	25.0	25.0	
26 Carbon disulfide	76	2.294	2.294	0.000	99	663882	25.0	27.1	
24 Isopropyl alcohol	45	2.403	2.403	0.000	98	183745	250.0	514.7	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	89	357944	25.0	23.3	
27 Methyl acetate	43	2.495	2.495	0.000	93	505955	50.0	54.0	
29 Acetonitrile	40	2.507	2.507	0.000	61	228775	250.0	295.4	M
30 Methylene Chloride	84	2.586	2.586	0.000	86	236489	25.0	26.6	
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	86	312868	250.0	400.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	93	746354	25.0	26.4	
34 trans-1,2-Dichloroethene	96	2.793	2.793	0.000	75	225960	25.0	26.6	
33 Acrylonitrile	53	2.860	2.860	0.000	99	1238875	250.0	274.6	
35 Hexane	57	2.981	2.981	0.000	93	387801	25.0	30.1	
39 1,1-Dichloroethane	63	3.194	3.194	0.000	96	418539	25.0	26.8	
36 Isopropyl ether	45	3.219	3.219	0.000	94	825143	25.0	23.3	
40 2-Chloro-1,3-butadiene	53	3.249	3.249	0.000	67	406338	25.0	24.5	
37 Vinyl acetate	43	3.261	3.261	0.000	87	1160141	50.0	65.4	M
38 1,1-Dimethoxyethane	75	3.285	3.285	0.000	61	134440	125.0	89.5	
41 Tert-butyl ethyl ether	59	3.547	3.547	0.000	98	774257	25.0	22.9	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	91	229799	25.0	29.5	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	68	262300	25.0	28.0	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	100	716364	125.0	143.2	M
42 Ethyl acetate	43	3.815	3.815	0.000	78	624358	50.0	70.6	Ma
46 Propionitrile	54	3.876	3.876	0.000	99	472172	250.0	317.8	
48 Chlorobromomethane	128	3.961	3.961	0.000	76	125954	25.0	26.8	
49 Tetrahydrofuran	42	3.973	3.973	0.000	31	259753	50.0	74.3	
47 Methacrylonitrile	41	3.979	3.979	0.000	94	2022758	250.0	288.7	
50 Chloroform	83	4.046	4.046	0.000	80	394831	25.0	26.7	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	78	336977	25.0	30.3	
52 Cyclohexane	56	4.137	4.137	0.000	92	474273	25.0	29.0	
55 Carbon tetrachloride	117	4.271	4.271	0.000	89	290738	25.0	31.7	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	94	329545	25.0	28.4	
57 Benzene	78	4.484	4.484	0.000	96	963820	25.0	27.6	
152 Isooctane	57	4.490	4.490	0.000	75	841181	25.0	24.1	
53 Isobutyl alcohol	43	4.557	4.557	0.000	46	689286	625.0	2242.6	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	70	321871	25.0	26.3	
56 Tert-amyl methyl ether	73	4.575	4.575	0.000	91	864536	25.0	25.1	
147 t-Amyl alcohol	59	4.593	4.593	0.000	58	288947	250.0	372.9	
59 n-Heptane	43	4.679	4.679	0.000	94	347481	25.0	28.5	
1 1,4-Difluorobenzene	114	4.879	4.879	0.000	91	677389	25.0	27.5	
62 Trichloroethene	95	5.092	5.092	0.000	91	244143	25.0	29.0	
60 n-Butanol	56	5.165	5.165	0.000	89	359838	625.0	2674.3	Ea
64 Methylcyclohexane	83	5.196	5.196	0.000	93	426826	25.0	30.1	
142 Ethyl acrylate	55	5.238	5.238	0.000	71	331780	25.0	38.2	
65 1,2-Dichloropropane	63	5.323	5.323	0.000	92	229886	25.0	26.9	
63 Methyl methacrylate	41	5.451	5.451	0.000	91	468755	50.0	64.5	
67 Dibromomethane	93	5.463	5.463	0.000	68	143816	25.0	27.2	
66 1,4-Dioxane	88	5.476	5.476	0.000	63	56692	500.0	1113.7	
68 Dichlorobromomethane	83	5.622	5.622	0.000	90	285318	25.0	27.8	
70 2-Nitropropane	43	5.914	5.914	0.000	47	227784	50.0	122.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	83	150499	25.0	28.0	
71 Epichlorohydrin	57	5.999	5.999	0.000	97	317801	250.0	348.9	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	81	371927	25.0	28.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	97	1468312	125.0	135.6	
74 Toluene	92	6.309	6.309	0.000	89	607119	25.0	27.3	
77 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	92	325612	25.0	27.2	
75 Ethyl methacrylate	69	6.668	6.668	0.000	70	291993	25.0	27.8	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	87	170167	25.0	26.4	
81 Tetrachloroethene	166	6.826	6.826	0.000	84	259059	25.0	30.5	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	92	358038	25.0	26.3	
80 2-Hexanone	43	7.027	7.027	0.000	96	961875	125.0	141.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
155 n-Butyl acetate	43	7.142	7.142	0.000	99	361020	25.0	33.4	
83 Chlorodibromomethane	129	7.173	7.173	0.000	88	212276	25.0	27.8	
84 Ethylene Dibromide	107	7.258	7.258	0.000	98	215463	25.0	28.2	
146 1-Chlorohexane	55	7.708	7.708	0.000	63	227245	25.0	24.9	
87 Chlorobenzene	112	7.733	7.733	0.000	90	634087	25.0	27.0	
85 3-Chlorobenzotrifluoride	180	7.733	7.733	0.000	79	349363	25.0	26.3	
86 4-Chlorobenzotrifluoride	180	7.793	7.793	0.000	93	326304	25.0	25.1	
88 Ethylbenzene	91	7.836	7.836	0.000	93	1099297	25.0	27.3	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.842	0.000	33	222075	25.0	29.1	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	442099	25.0	28.9	
91 o-Xylene	106	8.377	8.377	0.000	97	438459	25.0	27.4	
92 Styrene	104	8.408	8.408	0.000	93	698867	25.0	26.8	
95 Bromoform	173	8.645	8.645	0.000	95	134609	25.0	27.7	
93 2-Chlorobenzotrifluoride	180	8.700	8.700	0.000	92	354711	25.0	24.2	
94 Isopropylbenzene	105	8.761	8.761	0.000	89	1164572	25.0	28.5	
96 Cyclohexanone	55	8.931	8.931	0.000	93	110351	250.0	375.5	
101 Bromobenzene	156	9.101	9.101	0.000	91	276895	25.0	26.6	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	62	286653	25.0	25.9	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1302904	25.0	27.0	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	57	90779	25.0	25.6	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	88	90192	25.0	28.8	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	255980	25.0	26.8	
104 3-Chlorotoluene	126	9.375	9.375	0.000	97	266264	25.0	25.6	
102 1,3,5-Trimethylbenzene	105	9.399	9.399	0.000	93	992010	25.0	27.9	
105 4-Chlorotoluene	126	9.430	9.430	0.000	80	272016	25.0	28.0	
106 tert-Butylbenzene	134	9.734	9.734	0.000	90	213444	25.0	27.8	
108 Pentachloroethane	167	9.789	9.789	0.000	37	135790	25.0	30.6	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	95	986367	25.0	26.5	
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1205249	25.0	27.5	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	98	529023	25.0	26.6	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	97	1066883	25.0	28.5	
114 Dicyclopentadiene	66	10.142	10.142	0.000	89	1170678	25.0	25.2	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	95	519804	25.0	25.2	
112 1,2,3-Trimethylbenzene	105	10.215	10.215	0.000	68	958650	25.0	23.3	
150 Benzyl chloride	126	10.336	10.336	0.000	98	92774	25.0	31.8	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	803558	25.0	25.1	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	484608	25.0	24.0	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.291	0.000	78	59072	25.0	29.1	
118 1,3,5-Trichlorobenzene	180	11.425	11.425	0.000	95	359298	25.0	24.4	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	95	347374	25.0	26.5	
120 Hexachlorobutadiene	225	12.088	12.088	0.000	92	143464	25.0	27.2	
121 Naphthalene	128	12.186	12.186	0.000	96	1104588	25.0	28.2	
122 1,2,3-Trichlorobenzene	180	12.386	12.386	0.000	95	334204	25.0	25.7	
149 2-Methylnaphthalene	142	13.104	13.104	0.000	90	658908	25.0	24.1	
S 125 1,2-Dichloroethene, Total	1				0			54.6	
S 123 Total BTEX	1				0			138.5	
S 126 1,3-Dichloropropene, Total	1				0			55.6	
S 124 Xylenes, Total	1				0			56.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00238	Amount Added:	12.50	Units: uL	
GAS CORP mix_00571	Amount Added:	12.50	Units: uL	
ADD CORP mix_00134	Amount Added:	12.50	Units: uL	
S_8260_IS_00364	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added:	1.00	Units: uL	Run Reagent

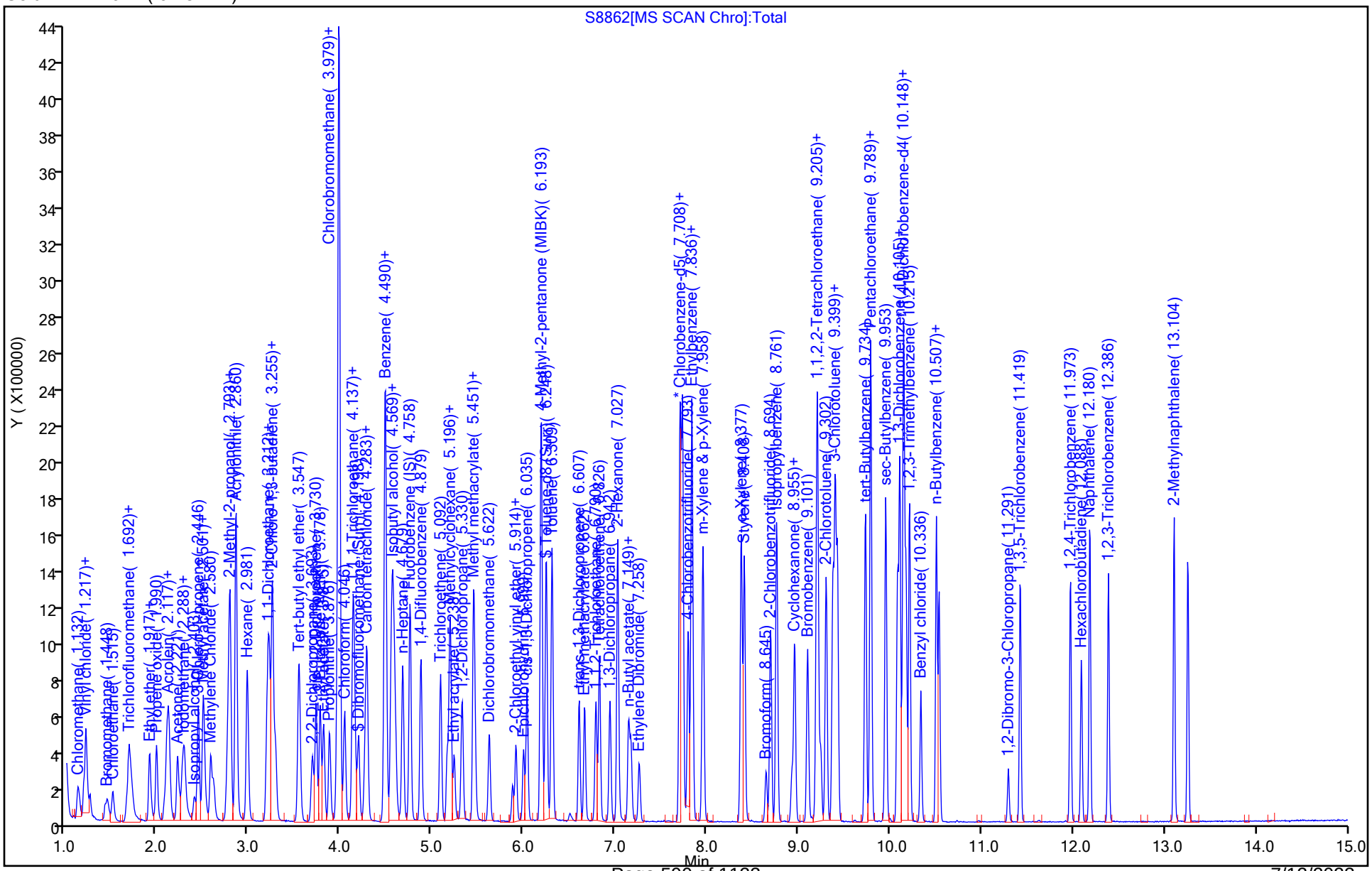
Report Date: 27-Jun-2023 10:20:16 Chrom Revision: 2.3 21-Jun-2023 17:36:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8862.d

Injection Date:	24-Jun-2023 14:14:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
10:47 AM

Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8862.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2023 14:14:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0112432-006
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 27-Jun-2023 10:20:15 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: pinsuwanc Date: 27-Jun-2023 10:20:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	25.9	103.52
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.3	105.17
$ 5 Toluene-d8 (Surr)	25.0	24.9	99.53
$ 6 4-Bromofluorobenzene (Surr)	25.0	25.3	101.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 MS | Lab Sample ID: 480-210122-6 MS

Matrix: Water | Lab File ID: S8884.d

Analysis Method: 8260C | Date Collected: 06/19/2023 17:10

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 22:49

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	59.0		2.0	0.82
108-88-3	Toluene	53.5		2.0	1.0
100-41-4	Ethylbenzene	127		2.0	1.5
179601-23-1	m-Xylene & p-Xylene	66.8		4.0	1.3
95-47-6	o-Xylene	97.2		2.0	1.5
1330-20-7	Xylenes, Total	164		4.0	1.3
STL00431	Total BTEX	404		4.0	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8884.d
Lims ID: 480-210122-E-6 MS
Client ID: MW-23S-202306
Sample Type: MS
Inject. Date: 24-Jun-2023 22:49:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-210122-E-6 MS
Misc. Info.: 480-0112432-028
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:40:23 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:40:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	99	187590	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	85	376051	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	64	364624	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	58	227849	25.0	27.1	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	51	155188	25.0	26.7	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	59	858614	25.0	24.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.961	0.001	90	271507	25.0	26.0	
57 Benzene	78	4.490	4.484	0.006	96	980765	25.0	29.5	
74 Toluene	92	6.309	6.309	0.000	89	590267	25.0	26.8	
88 Ethylbenzene	91	7.836	7.836	0.000	98	2526863	25.0	63.4	
90 m-Xylene & p-Xylene	106	7.958	7.964	0.000	98	506577	25.0	33.4	
91 o-Xylene	106	8.378	8.377	0.001	97	770284	25.0	48.6	
S 123 Total BTEX	1				0			201.6	
S 124 Xylenes, Total	1				0			82.0	

QC Flag Legend
Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added:	12.50	Units: uL	
GAS CORP mix_00571	Amount Added:	12.50	Units: uL	
S_8260_IS_00364	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added:	1.00	Units: uL	Run Reagent

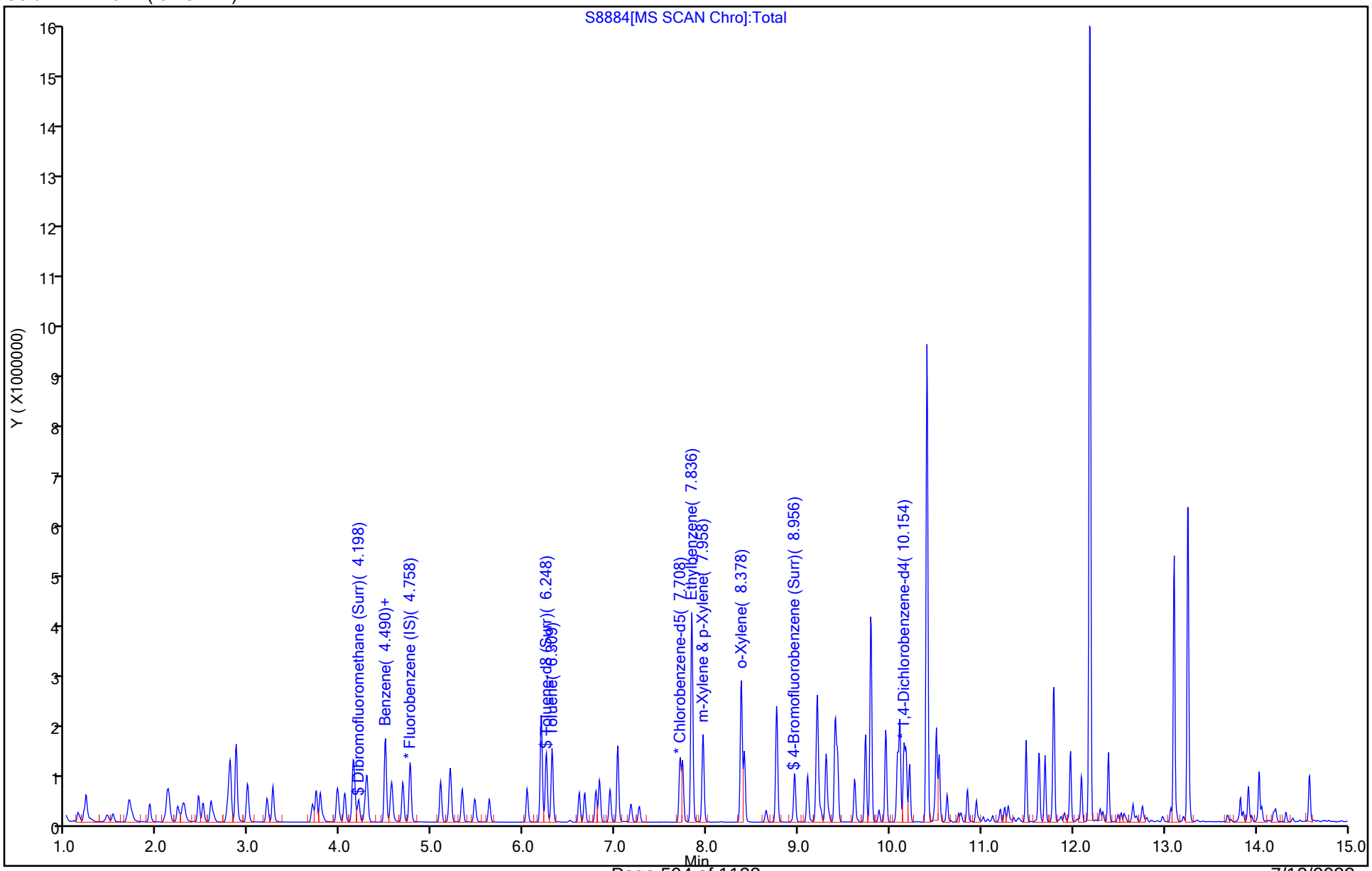
Report Date: 26-Jun-2023 11:40:39 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8884.d

Injection Date:	24-Jun-2023 22:49:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	480-210122-E-6 MS			Worklist Smp#:	28
Client ID:	MW-23S-202306				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	28
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



7/12/2023
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Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8884.d
Lims ID: 480-210122-E-6 MS
Client ID: MW-23S-202306
Sample Type: MS
Inject. Date: 24-Jun-2023 22:49:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-210122-E-6 MS
Misc. Info.: 480-0112432-028
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:40:23 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:40:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	27.1	108.28
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.7	106.84
$ 5 Toluene-d8 (Surr)	25.0	24.3	97.26
$ 6 4-Bromofluorobenzene (Surr)	25.0	26.0	104.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 MSD | Lab Sample ID: 480-210122-6 MSD

Matrix: Water | Lab File ID: S8885.d

Analysis Method: 8260C | Date Collected: 06/19/2023 17:10

Sample wt/vol: 5(mL) | Date Analyzed: 06/24/2023 23:13

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 674325 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	54.8		2.0	0.82
108-88-3	Toluene	54.5		2.0	1.0
100-41-4	Ethylbenzene	126		2.0	1.5
179601-23-1	m-Xylene & p-Xylene	66.4		4.0	1.3
95-47-6	o-Xylene	96.9		2.0	1.5
1330-20-7	Xylenes, Total	163		4.0	1.3
STL00431	Total BTEX	399		4.0	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8885.d
Lims ID: 480-210122-E-6 MSD
Client ID: MW-23S-202306
Sample Type: MSD
Inject. Date: 24-Jun-2023 23:13:30 ALS Bottle#: 29 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-210122-E-6 MSD
Misc. Info.: 480-0112432-029
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:40:23 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:40:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.758	4.758	0.000	98	189846	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	369402	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	67	357341	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	224404	25.0	26.3	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	59	146501	25.0	24.9	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	69	864347	25.0	24.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.961	0.000	90	270300	25.0	26.4	
57 Benzene	78	4.484	4.484	0.000	96	921936	25.0	27.4	
74 Toluene	92	6.309	6.309	0.000	95	591006	25.0	27.3	
88 Ethylbenzene	91	7.836	7.836	0.000	98	2461157	25.0	62.9	
90 m-Xylene & p-Xylene	106	7.958	7.964	0.000	98	494730	25.0	33.2	
91 o-Xylene	106	8.377	8.377	0.000	97	754537	25.0	48.5	
S 123 Total BTEX	1				0			199.2	
S 124 Xylenes, Total	1				0			81.7	

QC Flag Legend
Processing Flags

Reagents:

8260 CORP mix_00238	Amount Added: 12.50	Units: uL	
GAS CORP mix_00571	Amount Added: 12.50	Units: uL	
S_8260_IS_00364	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00451	Amount Added: 1.00	Units: uL	Run Reagent

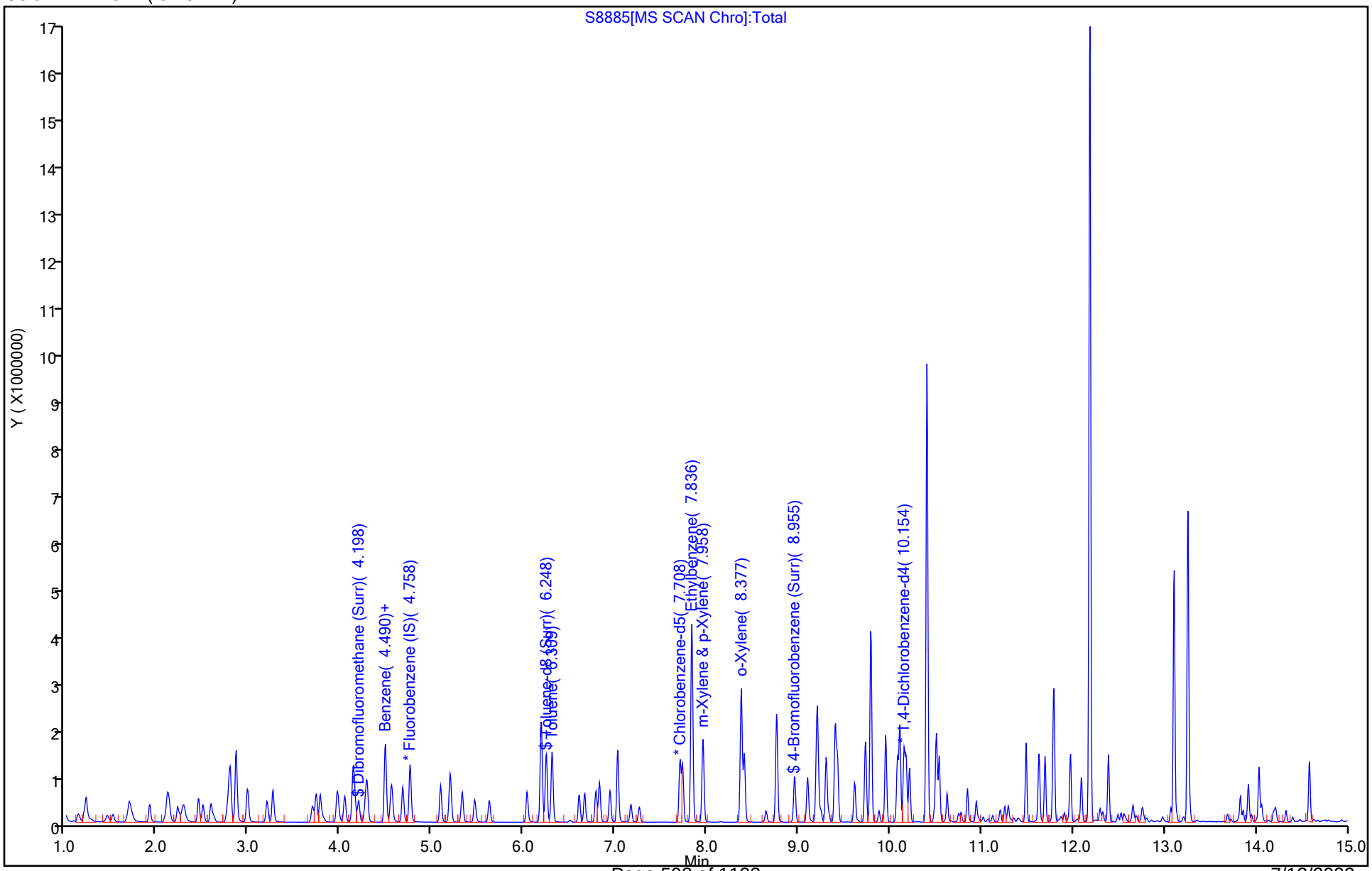
Report Date: 26-Jun-2023 11:40:46 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8885.d

Injection Date:	24-Jun-2023 23:13:30	Instrument ID:	HP5973S	Operator ID:	AK
Lims ID:	480-210122-E-6 MSD			Worklist Smp#:	29
Client ID:	MW-23S-202306				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	29
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



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Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S8885.d
Lims ID: 480-210122-E-6 MSD
Client ID: MW-23S-202306
Sample Type: MSD
Inject. Date: 24-Jun-2023 23:13:30 ALS Bottle#: 29 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-210122-E-6 MSD
Misc. Info.: 480-0112432-029
Operator ID: AK Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20230624-112432.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 26-Jun-2023 11:40:23 Calib Date: 20-Jun-2023 02:55:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20230619-112326.b\S8677.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: FGO5 Date: 26-Jun-2023 11:40:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	26.3	105.38
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	24.9	99.66
$ 5 Toluene-d8 (Surr)	25.0	24.9	99.67
$ 6 4-Bromofluorobenzene (Surr)	25.0	26.4	105.51

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: HP5973S Start Date: 06/19/2023 18:56

Analysis Batch Number: 673579 End Date: 06/20/2023 04:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-673579/11		06/19/2023 18:56	1	S8657.d	ZB-624 (20) 0.18(mm)
IC 480-673579/13		06/19/2023 19:57	1	S8659.d	ZB-624 (20) 0.18(mm)
IC 480-673579/14		06/19/2023 20:20	1	S8660.d	ZB-624 (20) 0.18(mm)
IC 480-673579/15		06/19/2023 20:43	1	S8661.d	ZB-624 (20) 0.18(mm)
IC 480-673579/16		06/19/2023 21:07	1	S8662.d	ZB-624 (20) 0.18(mm)
IC 480-673579/17		06/19/2023 21:31	1	S8663.d	ZB-624 (20) 0.18(mm)
ICIS 480-673579/18		06/19/2023 21:54	1	S8664.d	ZB-624 (20) 0.18(mm)
IC 480-673579/19		06/19/2023 22:17	1	S8665.d	ZB-624 (20) 0.18(mm)
IC 480-673579/20		06/19/2023 22:41	1	S8666.d	ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2023 23:27	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2023 23:50	1		ZB-624 (20) 0.18(mm)
IC 480-673579/25		06/20/2023 00:36	1		ZB-624 (20) 0.18(mm)
IC 480-673579/26		06/20/2023 00:59	1		ZB-624 (20) 0.18(mm)
IC 480-673579/27		06/20/2023 01:22	1		ZB-624 (20) 0.18(mm)
IC 480-673579/28		06/20/2023 01:45	1		ZB-624 (20) 0.18(mm)
IC 480-673579/29		06/20/2023 02:08	1		ZB-624 (20) 0.18(mm)
IC 480-673579/30		06/20/2023 02:31	1		ZB-624 (20) 0.18(mm)
IC 480-673579/31		06/20/2023 02:55	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/20/2023 03:42	1		ZB-624 (20) 0.18(mm)
ICV 480-673579/34		06/20/2023 04:05	1	S8680.d	ZB-624 (20) 0.18(mm)
ICV 480-673579/35		06/20/2023 04:28	1		ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: HP5973S Start Date: 06/24/2023 12:59

Analysis Batch Number: 674325 End Date: 06/24/2023 23:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-674325/3		06/24/2023 12:59	1	S8859.d	ZB-624 (20) 0.18(mm)
CCVIS 480-674325/4		06/24/2023 13:27	1	S8860.d	ZB-624 (20) 0.18(mm)
CCV 480-674325/5		06/24/2023 13:50	1		ZB-624 (20) 0.18(mm)
LCS 480-674325/6		06/24/2023 14:14	1	S8862.d	ZB-624 (20) 0.18(mm)
RL 480-674325/7		06/24/2023 14:37	1		ZB-624 (20) 0.18(mm)
MB 480-674325/8		06/24/2023 15:01	1	S8864.d	ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 15:24	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 15:48	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 16:11	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 16:35	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 16:59	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 17:22	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 17:46	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 18:09	2		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 18:33	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 18:56	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 19:19	5		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 19:43	8		ZB-624 (20) 0.18(mm)
480-210122-7	MW-46S-202306	06/24/2023 20:06	5	S8877.d	ZB-624 (20) 0.18(mm)
480-210122-8	MW-48S-202306	06/24/2023 20:29	1	S8878.d	ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 20:52	100		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 21:16	100		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 21:39	20		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 22:03	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/24/2023 22:26	1		ZB-624 (20) 0.18(mm)
480-210122-6 MS	MW-23S-202306 MS	06/24/2023 22:49	2	S8884.d	ZB-624 (20) 0.18(mm)
480-210122-6 MSD	MW-23S-202306 MSD	06/24/2023 23:13	2	S8885.d	ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: HP5977L Start Date: 04/17/2023 14:31

Analysis Batch Number: 665587 End Date: 04/18/2023 00:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-665587/11		04/17/2023 14:31	1	L4072.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/13		04/17/2023 15:24	1	L4074.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/14		04/17/2023 15:49	1	L4075.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/15		04/17/2023 16:13	1	L4076.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/16		04/17/2023 16:37	1	L4077.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/17		04/17/2023 17:02	1	L4078.D	ZB-624 (30) VOA 0.25(mm)
ICIS 480-665587/18		04/17/2023 17:26	1	L4079.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/19		04/17/2023 17:50	1	L4080.D	ZB-624 (30) VOA 0.25(mm)
IC 480-665587/20		04/17/2023 18:14	1	L4081.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/17/2023 19:03	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/17/2023 19:27	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/25		04/17/2023 20:16	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/26		04/17/2023 20:40	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/27		04/17/2023 21:05	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/28		04/17/2023 21:29	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/29		04/17/2023 21:54	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/30		04/17/2023 22:18	1		ZB-624 (30) VOA 0.25(mm)
IC 480-665587/31		04/17/2023 22:43	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/17/2023 23:31	1		ZB-624 (30) VOA 0.25(mm)
ICV 480-665587/35		04/18/2023 00:20	1	L4096.D	ZB-624 (30) VOA 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: HP5977L Start Date: 04/18/2023 11:37

Analysis Batch Number: 665800 End Date: 04/18/2023 22:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-665800/3		04/18/2023 11:37	1	L4099.D	ZB-624 (30) VOA 0.25(mm)
ICV 480-665800/4		04/18/2023 12:04	1	L4100.D	ZB-624 (30) VOA 0.25(mm)
CCVIS 480-665800/5		04/18/2023 12:44	1		ZB-624 (30) VOA 0.25(mm)
CCV 480-665800/6		04/18/2023 13:09	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 13:33	1		ZB-624 (30) VOA 0.25(mm)
RL 480-665800/8		04/18/2023 13:58	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 14:22	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 15:03	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 15:27	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 15:51	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 16:16	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 16:41	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 17:05	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 17:30	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 17:54	2		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 18:19	2		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 18:43	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 19:07	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 19:32	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 19:56	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 20:21	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 20:45	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 21:10	4		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 21:34	4		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 21:59	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		04/18/2023 22:23	1		ZB-624 (30) VOA 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: HP5977L Start Date: 06/23/2023 21:05

Analysis Batch Number: 674307 End Date: 06/24/2023 04:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-674307/3		06/23/2023 21:05	1	L6660.D	ZB-624 (30) VOA 0.25(mm)
CCVIS 480-674307/4		06/23/2023 21:29	1	L6661.D	ZB-624 (30) VOA 0.25(mm)
CCV 480-674307/5		06/23/2023 21:54	1		ZB-624 (30) VOA 0.25(mm)
LCS 480-674307/6		06/23/2023 22:18	1	L6663.D	ZB-624 (30) VOA 0.25(mm)
MB 480-674307/8		06/23/2023 23:07	1	L6665.D	ZB-624 (30) VOA 0.25(mm)
480-210122-1	MW-C11-202306	06/23/2023 23:31	1	L6666.D	ZB-624 (30) VOA 0.25(mm)
480-210122-2	MW-C12-202306	06/23/2023 23:56	1	L6667.D	ZB-624 (30) VOA 0.25(mm)
480-210122-3	MW-C16-202306	06/24/2023 00:20	5	L6668.D	ZB-624 (30) VOA 0.25(mm)
480-210122-4	MW-13S-202306	06/24/2023 00:44	1	L6669.D	ZB-624 (30) VOA 0.25(mm)
480-210122-5	MW-22S-202306	06/24/2023 01:08	1	L6670.D	ZB-624 (30) VOA 0.25(mm)
480-210122-6	MW-23S-202306	06/24/2023 01:33	2	L6671.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 01:57	2		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 02:22	1		ZB-624 (30) VOA 0.25(mm)
480-210122-9	DUP-1	06/24/2023 02:46	1	L6674.D	ZB-624 (30) VOA 0.25(mm)
480-210122-10	TRIP BLANK	06/24/2023 03:10	1	L6675.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 03:34	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 03:58	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 04:23	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/24/2023 04:47	1		ZB-624 (30) VOA 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 665587 Batch Start Date: 04/17/23 14:31 Batch Analyst: Baker, Christa

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	3_MCP_Add_WRK 00403	8260 CORP mix 00236	BFB_WRK 00144	GAS CORP mix 00561
BFB 480-665587/11		8260C		1 uL	1 uL			1 uL	
IC 480-665587/13		8260C		5 mL	5 mL		0.4 uL		0.4 uL
IC 480-665587/14		8260C		5 mL	5 mL		1 uL		1 uL
IC 480-665587/15		8260C		5 mL	5 mL		2 uL		2 uL
IC 480-665587/16		8260C		5 mL	5 mL		5 uL		5 uL
IC 480-665587/17		8260C		5 mL	5 mL		5 uL		5 uL
ICIS 480-665587/18		8260C		5 mL	5 mL		12.5 uL		12.5 uL
IC 480-665587/19		8260C		5 mL	5 mL		25 uL		25 uL
IC 480-665587/20		8260C		5 mL	5 mL		50 uL		50 uL
ICV 480-665587/35		8260C		5 mL	5 mL	12.5 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	L_8260_IS 00045	L_8260_SURR 00043	SS ADD CORP 00085			
BFB 480-665587/11		8260C							
IC 480-665587/13		8260C		2 uL	2 uL				
IC 480-665587/14		8260C		2 uL	2 uL				
IC 480-665587/15		8260C		2 uL	2 uL				
IC 480-665587/16		8260C		2 uL	2 uL				
IC 480-665587/17		8260C		2 uL	2 uL				
ICIS 480-665587/18		8260C		2 uL	2 uL				
IC 480-665587/19		8260C		2 uL	2 uL				
IC 480-665587/20		8260C		2 uL	2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 665587 Batch Start Date: 04/17/23 14:31 Batch Analyst: Baker, Christa

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	L_8260_IS 00045	L_8260_SURR 00043	SS ADD CORP 00085			
ICV 480-665587/35		8260C		2 uL	2 uL	12.5 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 665800 Batch Start Date: 04/18/23 11:37 Batch Analyst: Baker, Christa

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	BFB_WRK 00144	L_8260_IS 00045	L_8260_SURR 00043	SS 8260 CORP 00106
BFB 480-665800/3		8260C		1 uL	1 uL	1 uL			
ICV 480-665800/4		8260C		1 uL	1 uL		2 uL	2 uL	12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	SS GAS CORP 00512					
BFB 480-665800/3		8260C							
ICV 480-665800/4		8260C		12.5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 673579 Batch Start Date: 06/19/23 18:56 Batch Analyst: Gruning, Anton T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260 CORP mix 00238	BFB_WRK 00147	GAS CORP mix 00570	S_8260_IS 00366
BFB 480-673579/11		8260C		1 uL	1 uL		1 uL		
IC 480-673579/13		8260C		5 mL	5 mL	0.5 uL		0.5 uL	1 uL
IC 480-673579/14		8260C		5 mL	5 mL	1 uL		1 uL	1 uL
IC 480-673579/15		8260C		5 mL	5 mL	2 uL		2 uL	1 uL
IC 480-673579/16		8260C		5 mL	5 mL	5 uL		5 uL	1 uL
IC 480-673579/17		8260C		5 mL	5 mL	5 uL		5 uL	1 uL
ICIS 480-673579/18		8260C		5 mL	5 mL	12.5 uL		12.5 uL	1 uL
IC 480-673579/19		8260C		5 mL	5 mL	25 uL		25 uL	1 uL
IC 480-673579/20		8260C		5 mL	5 mL	50 uL		50 uL	1 uL
ICV 480-673579/34		8260C		5 mL	5 mL				1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	S_8260_Surr 00448	SS 8260 CORP 00107	SS GAS CORP 00521			
BFB 480-673579/11		8260C							
IC 480-673579/13		8260C		1 uL					
IC 480-673579/14		8260C		1 uL					
IC 480-673579/15		8260C		1 uL					
IC 480-673579/16		8260C		1 uL					
IC 480-673579/17		8260C		1 uL					
ICIS 480-673579/18		8260C		1 uL					
IC 480-673579/19		8260C		1 uL					
IC 480-673579/20		8260C		1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 673579 Batch Start Date: 06/19/23 18:56 Batch Analyst: Gruning, Anton T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	S_8260_Surr 00448	SS 8260 CORP 00107	SS GAS CORP 00521			
ICV 480-673579/34		8260C		1 uL	12.5 uL	12.5 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 674307 Batch Start Date: 06/23/23 21:05 Batch Analyst: Kiwan, Ahmad x

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00238	BFB_WRK 00147	GAS CORP mix 00571
BFB 480-674307/3		8260C		1 uL	1 uL			1 uL	
CCVIS 480-674307/4		8260C		5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-674307/6		8260C		5 mL	5 mL		12.5 uL		12.5 uL
MB 480-674307/8		8260C		5 mL	5 mL				
480-210122-D-1	MW-C11-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-2	MW-C12-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-3	MW-C16-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-4	MW-13S-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-5	MW-22S-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-6	MW-23S-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-D-9	DUP-1	8260C	T	5 mL	5 mL	<2 SU			
480-210122-A-10	TRIP BLANK	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	L_8260_IS 00047	L_8260_SURR 00045	AnalysisComment			
BFB 480-674307/3		8260C							
CCVIS 480-674307/4		8260C		2 uL	2 uL				
LCS 480-674307/6		8260C		2 uL	2 uL				
MB 480-674307/8		8260C		2 uL	2 uL				
480-210122-D-1	MW-C11-202306	8260C	T	2 uL	2 uL				
480-210122-D-2	MW-C12-202306	8260C	T	2 uL	2 uL				
480-210122-D-3	MW-C16-202306	8260C	T	2 uL	2 uL	F			
480-210122-D-4	MW-13S-202306	8260C	T	2 uL	2 uL				
480-210122-D-5	MW-22S-202306	8260C	T	2 uL	2 uL				
480-210122-D-6	MW-23S-202306	8260C	T	2 uL	2 uL	T			
480-210122-D-9	DUP-1	8260C	T	2 uL	2 uL				
480-210122-A-10	TRIP BLANK	8260C	T	2 uL	2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 674307 Batch Start Date: 06/23/23 21:05 Batch Analyst: Kiwan, Ahmad x

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 674325 Batch Start Date: 06/24/23 12:59 Batch Analyst: Kiwan, Ahmad x

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00238	ADD CORP mix 00134	BFB_WRK 00147
BFB 480-674325/3		8260C		1 uL	1 uL				1 uL
CCVIS 480-674325/4		8260C		5 mL	5 mL		12.5 uL		
LCS 480-674325/6		8260C		5 mL	5 mL		12.5 uL	12.5 uL	
MB 480-674325/8		8260C		5 mL	5 mL				
480-210122-E-7	MW-46S-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-E-8	MW-48S-202306	8260C	T	5 mL	5 mL	<2 SU			
480-210122-E-6 MS	MW-23S-202306	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		
480-210122-E-6 MSD	MW-23S-202306	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS CORP mix 00571	S_8260_IS 00364	S_8260_Surr 00451	AnalysisComment		
BFB 480-674325/3		8260C							
CCVIS 480-674325/4		8260C		12.5 uL	1 uL	1 uL			
LCS 480-674325/6		8260C		12.5 uL	1 uL	1 uL			
MB 480-674325/8		8260C			1 uL	1 uL			
480-210122-E-7	MW-46S-202306	8260C	T		1 uL	1 uL	T		
480-210122-E-8	MW-48S-202306	8260C	T		1 uL	1 uL			
480-210122-E-6 MS	MW-23S-202306	8260C	T	12.5 uL	1 uL	1 uL			
480-210122-E-6 MSD	MW-23S-202306	8260C	T	12.5 uL	1 uL	1 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-C11-202306	480-210122-1	88	78	87
MW-C12-202306	480-210122-2	95	86	92
MW-C16-202306	480-210122-3	84	75	72
MW-13S-202306	480-210122-4	97	85	97
MW-22S-202306	480-210122-5	101	89	108
MW-23S-202306	480-210122-6	93	87	103
MW-46S-202306	480-210122-7	89	80	95
MW-48S-202306	480-210122-8	91	84	102
DUP-1	480-210122-9	101	92	110
	MB 460-917200/1-A	93	81	84
	LCS 460-917200/2-A	93	83	81
	LCSD 460-917200/3-A	90	83	81
MW-23S-202306 MS	480-210122-6 MS	64	56	55
MW-23S-202306 MSD	480-210122-6 MSD	119	107	119

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	51-145
FBP = 2-Fluorobiphenyl	46-139
TPHL = Terphenyl-d14 (Surr)	13-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M21028.D

Lab ID: LCS 460-917200/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	80.0	65.4	82	57-132	
Acenaphthylene	80.0	61.1	76	54-120	
Anthracene	80.0	68.5	86	65-120	
Chrysene	80.0	69.4	87	63-127	
Fluoranthene	80.0	66.3	83	65-130	
Fluorene	80.0	63.8	80	63-133	
Naphthalene	80.0	57.8	72	43-120	
Phenanthrene	80.0	69.8	87	65-120	
Pyrene	80.0	75.0	94	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M21029.D

Lab ID: LCSD 460-917200/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	64.0	80	2	30	57-132	
Acenaphthylene	80.0	60.8	76	1	30	54-120	
Anthracene	80.0	68.4	86	0	30	65-120	
Chrysene	80.0	69.4	87	0	30	63-127	
Fluoranthene	80.0	64.2	80	3	30	65-130	
Fluorene	80.0	64.4	80	1	30	63-133	
Naphthalene	80.0	57.1	71	1	30	43-120	
Phenanthrene	80.0	68.8	86	1	30	65-120	
Pyrene	80.0	74.9	94	0	30	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M21045.D

Lab ID: 480-210122-6 MS Client ID: MW-23S-202306 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	80.0	51	87.9	46	57-132	F1
Acenaphthylene	80.0	0.97 J	44.2	54	54-120	
Anthracene	80.0	2.9 J	47.7	56	65-120	F1
Chrysene	80.0	2.0 U	48.1	60	63-127	F1
Fluoranthene	80.0	1.4 J	45.8	55	65-130	F1
Fluorene	80.0	14	55.2	51	63-133	F1
Naphthalene	80.0	2.0 U	43.2	54	43-120	
Phenanthrene	80.0	9.1 J	55.6	58	65-120	F1
Pyrene	80.0	2.3 J	54.3	65	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M21046.D

Lab ID: 480-210122-6 MSD Client ID: MW-23S-202306 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	165	143	61	30	57-132	F1 F2
Acenaphthylene	80.0	80.6	100	58	30	54-120	F2
Anthracene	80.0	91.3	110	63	30	65-120	F2
Chrysene	80.0	90.2	113	61	30	63-127	F2
Fluoranthene	80.0	87.8	108	63	30	65-130	F2
Fluorene	80.0	103	111	61	30	63-133	F2
Naphthalene	80.0	173	217	120	30	43-120	F1 F2
Phenanthrene	80.0	107	122	63	30	65-120	F1 F2
Pyrene	80.0	99.5	121	59	30	56-144	F2

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab File ID: M21027.D Lab Sample ID: MB 460-917200/1-A

Matrix: Water Date Extracted: 06/23/2023 09:38

Instrument ID: CBNAMS17 Date Analyzed: 06/23/2023 20:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-917200/2-A	M21028.D	06/23/2023 20:55
	LCSD 460-917200/3-A	M21029.D	06/23/2023 21:16
MW-C11-202306	480-210122-1	M21039.D	06/24/2023 00:47
MW-C12-202306	480-210122-2	M21040.D	06/24/2023 01:08
MW-C16-202306	480-210122-3	M21041.D	06/24/2023 01:29
MW-13S-202306	480-210122-4	M21042.D	06/24/2023 01:50
MW-22S-202306	480-210122-5	M21043.D	06/24/2023 02:11
MW-23S-202306	480-210122-6	M21044.D	06/24/2023 02:32
MW-23S-202306 MS	480-210122-6 MS	M21045.D	06/24/2023 02:53
MW-23S-202306 MSD	480-210122-6 MSD	M21046.D	06/24/2023 03:14
MW-46S-202306	480-210122-7	M21047.D	06/24/2023 03:35
MW-48S-202306	480-210122-8	M21048.D	06/24/2023 03:56
DUP-1	480-210122-9	M21049.D	06/24/2023 04:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab File ID: M20855.D DFTPP Injection Date: 06/20/2023

Instrument ID: CBNAMS17 DFTPP Injection Time: 06:21

Analysis Batch No.: 916383

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.7	(1.5) 1
69	Present	47.8	
70	Less than 2% of m/z 69	0.3	(0.6) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.9	
365	Greater than 1% of Base Peak	3.0	
441	Less than 150% of m/z 443	17.6	(80.0) 3
442	Present	104.1	
443	15-24% of m/z 442	22.0	(21.1) 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 460-916383/2	M20857.D	06/20/2023	6:42
	STD24 460-916383/3	M20859.D	06/20/2023	7:49
	STD16 460-916383/4	M20861.D	06/20/2023	8:32
	STD4 460-916383/5	M20863.D	06/20/2023	9:13
	STD2 460-916383/6	M20865.D	06/20/2023	9:55
	STD1 460-916383/7	M20867.D	06/20/2023	10:37
	STD04 460-916383/8	M20869.D	06/20/2023	11:19
	STD02 460-916383/9	M20871.D	06/20/2023	12:01
	STD01 460-916383/10	M20873.D	06/20/2023	12:43
	ICV 460-916383/11	M20875.D	06/20/2023	13:25

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 460-916383/2 Date Analyzed: 06/20/2023 06:42

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M20857.D Heated Purge: (Y/N) N

Calibration ID: 93497

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		142185	4.24	508929	5.47	240764	7.15
UPPER LIMIT		284370	4.74	1017858	5.97	481528	7.65
LOWER LIMIT		71093	3.74	254465	4.97	120382	6.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-916383/11		134379	4.24	479924	5.47	220868	7.15

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 460-916383/2 Date Analyzed: 06/20/2023 06:42

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M20857.D Heated Purge: (Y/N) N

Calibration ID: 93497

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		408311	8.56	324255	11.20	364243	13.14
UPPER LIMIT		816622	9.06	648510	11.70	728486	13.64
LOWER LIMIT		204156	8.06	162128	10.70	182122	12.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-916383/11		377389	8.56	311208	11.20	339758	13.13

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 460-917328/2 Date Analyzed: 06/23/2023 19:51

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M21025.D Heated Purge: (Y/N) N

Calibration ID: 93497

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		154415	4.23	555828	5.47	258741	7.15
UPPER LIMIT		308830	4.73	1111656	5.97	517482	7.65
LOWER LIMIT		77208	3.73	277914	4.97	129371	6.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-917200/1-A		190196	4.23	692815	5.46	346623	7.15
LCS 460-917200/2-A		165174	4.23	595856	5.47	286379	7.15
LCSD 460-917200/3-A		163471	4.23	594610	5.47	283425	7.15
480-210122-1	MW-C11-202306	201583	4.23	766838	5.46	381426	7.15
480-210122-2	MW-C12-202306	192816	4.23	718648	5.46	355413	7.15
480-210122-3	MW-C16-202306	180194	4.23	667654	5.46	333800	7.15
480-210122-4	MW-13S-202306	176405	4.23	645215	5.46	323337	7.15
480-210122-5	MW-22S-202306	181871	4.23	678070	5.46	339802	7.15
480-210122-6	MW-23S-202306	173309	4.23	646410	5.46	312577	7.15
480-210122-6 MS	MW-23S-202306 MS	180286	4.23	654501	5.46	316966	7.15
480-210122-6 MSD	MW-23S-202306 MSD	158059	4.23	571550	5.46	270798	7.15
480-210122-7	MW-46S-202306	215985	4.23	781306	5.46	387083	7.15
480-210122-8	MW-48S-202306	212389	4.23	790443	5.46	389233	7.15
480-210122-9	DUP-1	194168	4.23	718991	5.46	356004	7.15

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 460-917328/2 Date Analyzed: 06/23/2023 19:51

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M21025.D Heated Purge: (Y/N) N

Calibration ID: 93497

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		403462	8.56	280126	11.21	308833	13.14
UPPER LIMIT		806924	9.06	560252	11.71	617666	13.64
LOWER LIMIT		201731	8.06	140063	10.71	154417	12.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-917200/1-A		557744	8.56	343248	11.20	380309	13.14
LCS 460-917200/2-A		444829	8.56	308442	11.20	318973	13.14
LCSD 460-917200/3-A		444402	8.56	304374	11.20	312069	13.14
480-210122-1	MW-C11-202306	623520	8.56	383364	11.20	386886	13.14
480-210122-2	MW-C12-202306	580094	8.56	358778	11.20	349994	13.14
480-210122-3	MW-C16-202306	543240	8.56	353247	11.20	344945	13.14
480-210122-4	MW-13S-202306	538071	8.56	343647	11.20	330243	13.14
480-210122-5	MW-22S-202306	562544	8.56	353588	11.20	347638	13.13
480-210122-6	MW-23S-202306	509634	8.56	319140	11.20	318253	13.14
480-210122-6 MS	MW-23S-202306 MS	505211	8.56	336768	11.20	336799	13.14
480-210122-6 MSD	MW-23S-202306 MSD	424660	8.56	297060	11.20	294248	13.14
480-210122-7	MW-46S-202306	621985	8.56	419100	11.20	416738	13.14
480-210122-8	MW-48S-202306	633349	8.56	399662	11.20	401068	13.13
480-210122-9	DUP-1	586091	8.56	375121	11.20	364791	13.14

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C11-202306 | Lab Sample ID: 480-210122-1

Matrix: Water | Lab File ID: M21039.D

Analysis Method: 8270E | Date Collected: 06/19/2023 11:55

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 00:47

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	78		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	88		51-145
1718-51-0	Terphenyl-d14 (Surr)	87		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21039.D
Lims ID: 480-210122-B-1-A
Client ID: MW-C11-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:47:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-016
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:33:36 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.232	4.233	-0.001	96	201583	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	86	320340	8.77	
* 38 Naphthalene-d8	136	5.464	5.469	-0.005	99	766838	8.00	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	535299	7.75	
* 64 Acenaphthene-d10	164	7.145	7.153	-0.008	97	381426	8.00	
* 88 Phenanthrene-d10	188	8.556	8.563	-0.007	99	623520	8.00	
$ 97 Terphenyl-d14	244	10.082	10.087	-0.005	97	420637	8.73	
* 103 Chrysene-d12	240	11.197	11.207	-0.010	98	383364	8.00	
* 110 Perylene-d12	264	13.136	13.143	-0.007	98	386886	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

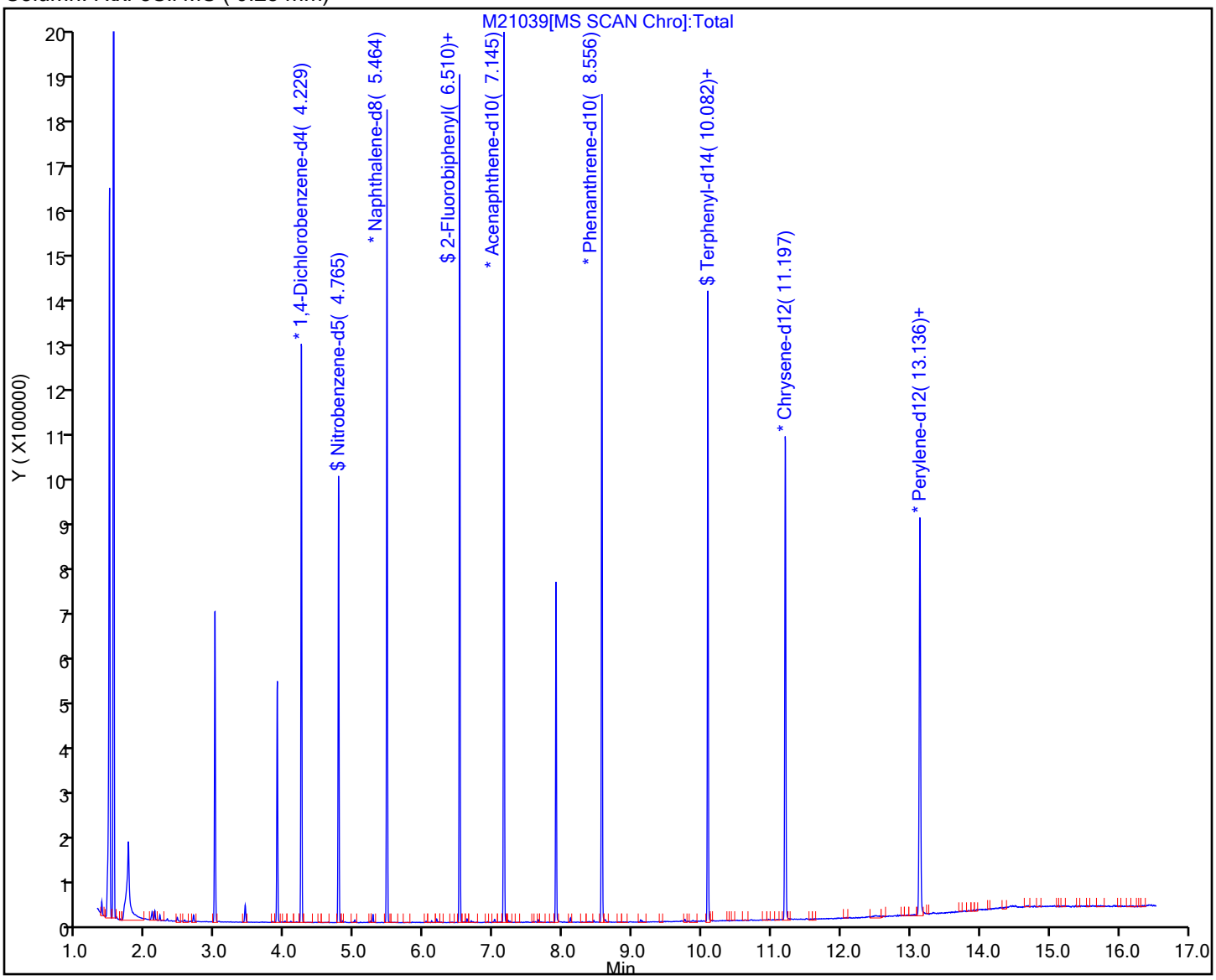
Report Date: 26-Jun-2023 10:33:37 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21039.D

Injection Date:	24-Jun-2023 00:47:30	Instrument ID:	CBNAMS17
Lims ID:	480-210122-B-1-A	Lab Sample ID:	460-210122-1
Client ID:	MW-C11-202306		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21039.D
Lims ID: 480-210122-B-1-A
Client ID: MW-C11-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:47:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-016
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:33:36 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.77	87.66
$ 53 2-Fluorobiphenyl	10.0	7.75	77.51
$ 97 Terphenyl-d14	10.0	8.73	87.30

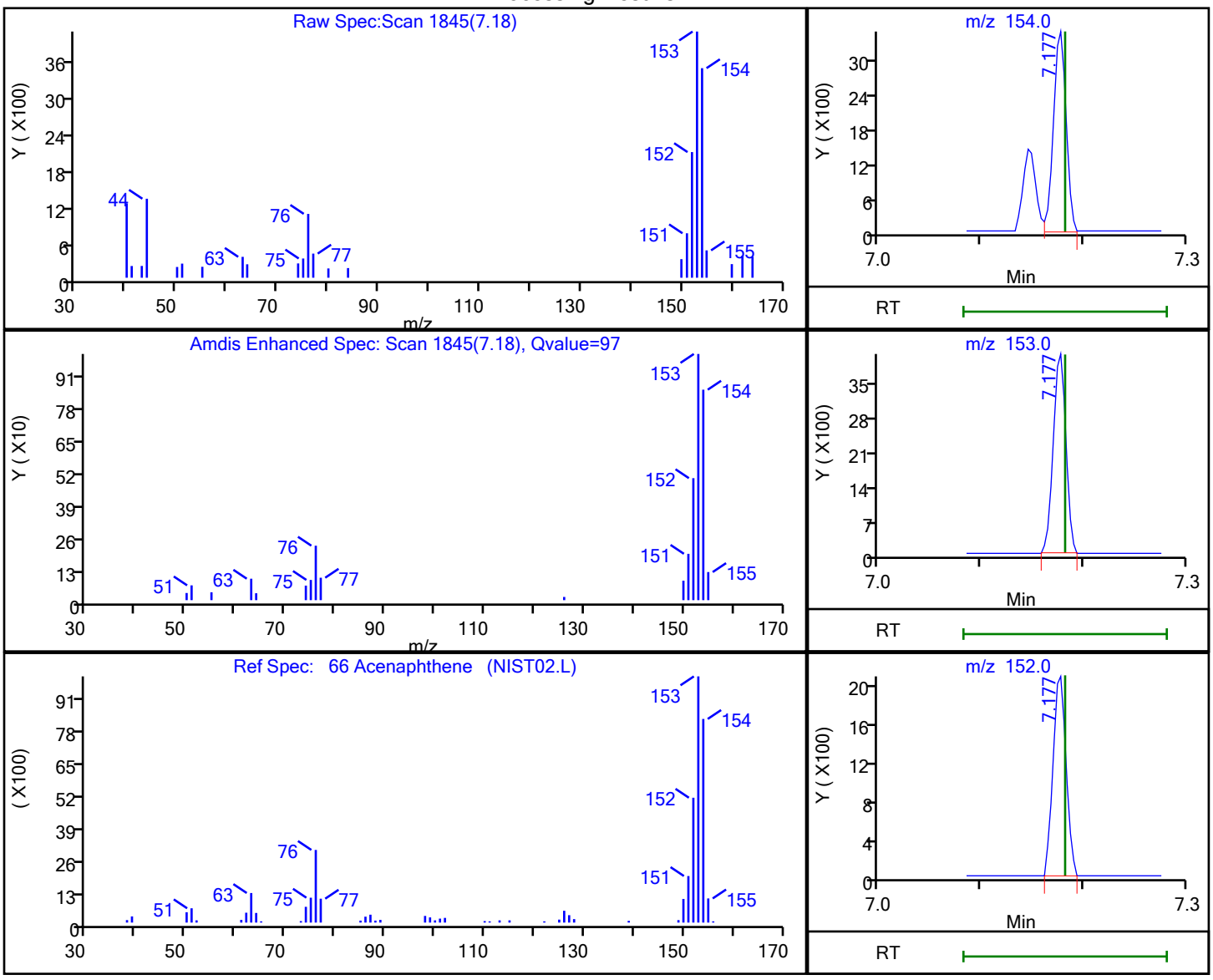
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21039.D				
Injection Date:	24-Jun-2023 00:47:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-1-A	Lab Sample ID:	460-210122-1		
Client ID:	MW-C11-202306				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.18	154.00	2961	0.053296
7.18	153.00	3505	
7.18	152.00	1850	

Reviewer: maheseep, 26-Jun-2023 10:33:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C12-202306 | Lab Sample ID: 480-210122-2

Matrix: Water | Lab File ID: M21040.D

Analysis Method: 8270E | Date Collected: 06/19/2023 13:20

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:08

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	52		10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	6.5	J	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	86		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	95		51-145
1718-51-0	Terphenyl-d14 (Surr)	92		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D
Lims ID: 480-210122-B-2-A
Client ID: MW-C12-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:08:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-017
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:08 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.232	4.233	-0.001	97	192816	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	86	324130	9.46	
* 38 Naphthalene-d8	136	5.464	5.469	-0.005	99	718648	8.00	
$ 53 2-Fluorobiphenyl	172	6.511	6.514	-0.003	97	551658	8.57	
* 64 Acenaphthene-d10	164	7.146	7.153	-0.007	97	355413	8.00	
66 Acenaphthene	154	7.178	7.182	-0.004	97	333995	6.45	
74 Fluorene	166	7.666	7.666	-0.008	94	49636	0.8086	
* 88 Phenanthrene-d10	188	8.557	8.563	-0.006	99	580094	8.00	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	414496	9.19	
* 103 Chrysene-d12	240	11.197	11.207	-0.010	98	358778	8.00	
* 110 Perylene-d12	264	13.136	13.143	-0.007	96	349994	8.00	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

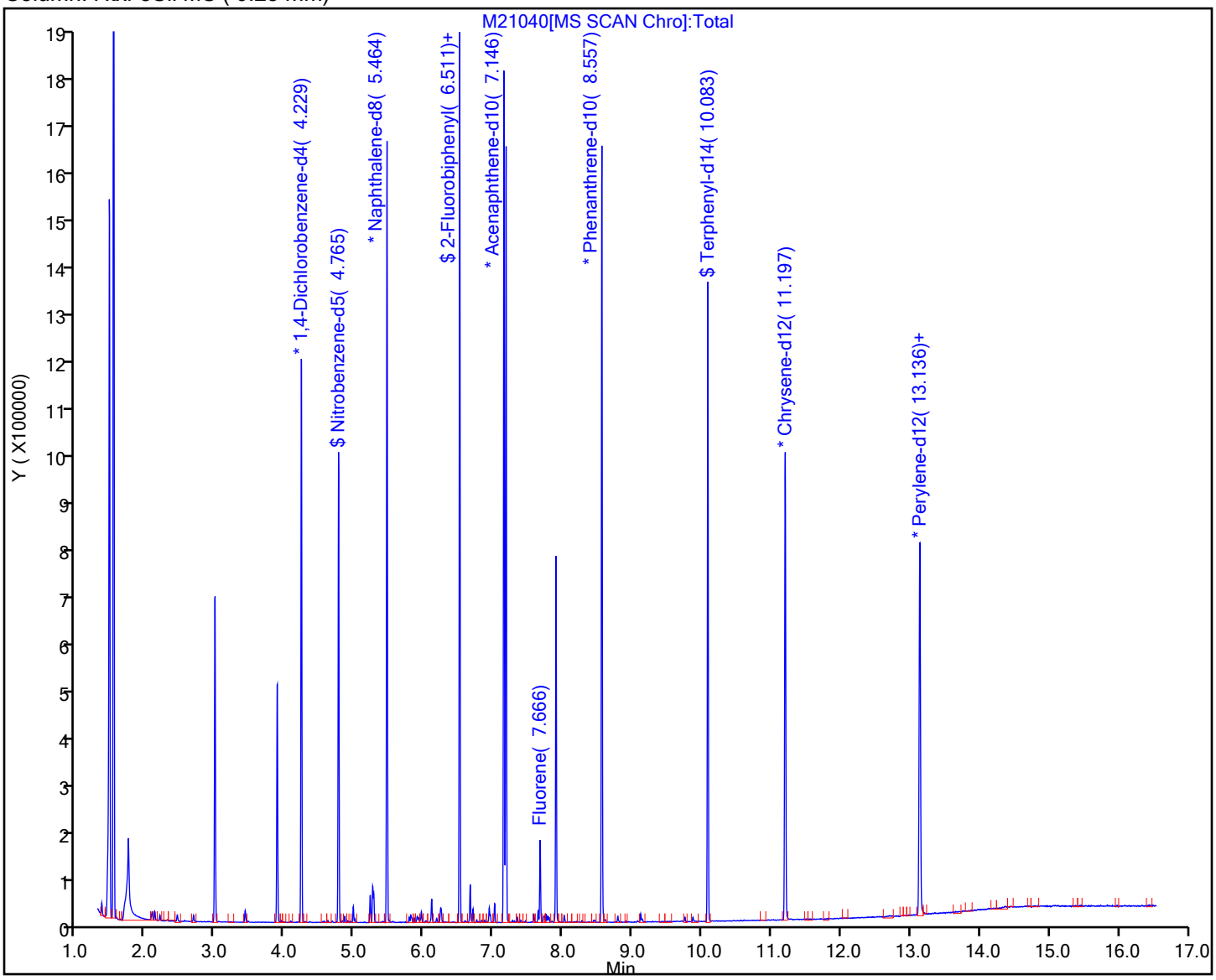
Report Date: 26-Jun-2023 10:34:08 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D

Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-2-A	Lab Sample ID:	460-210122-2		
Client ID:	MW-C12-202306				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D
Lims ID: 480-210122-B-2-A
Client ID: MW-C12-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:08:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-017
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:08 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.46	94.64
$ 53 2-Fluorobiphenyl	10.0	8.57	85.73
$ 97 Terphenyl-d14	10.0	9.19	91.93

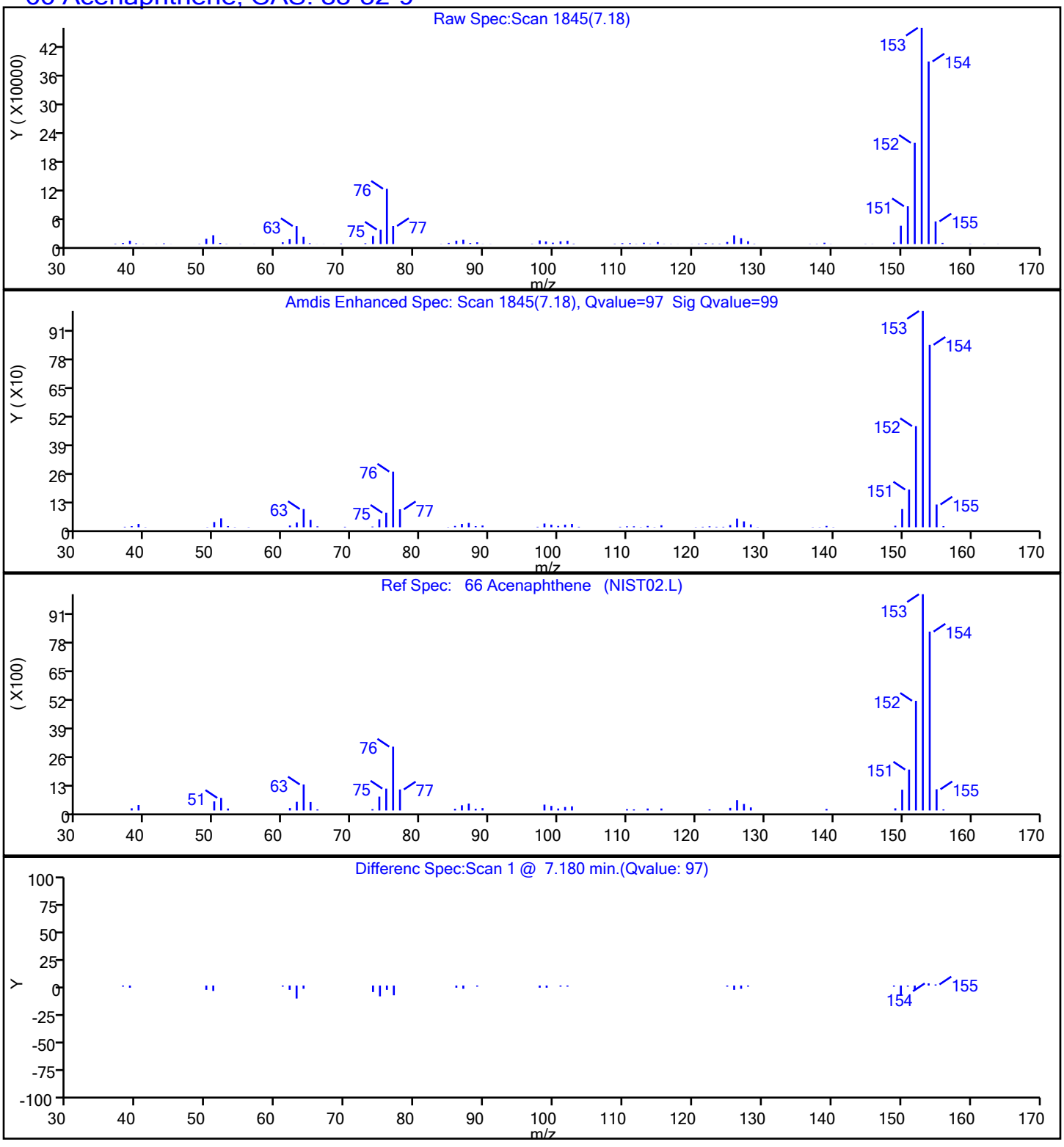
Report Date: 26-Jun-2023 10:34:08 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D

Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-2-A	Lab Sample ID:	460-210122-2		
Client ID:	MW-C12-202306				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

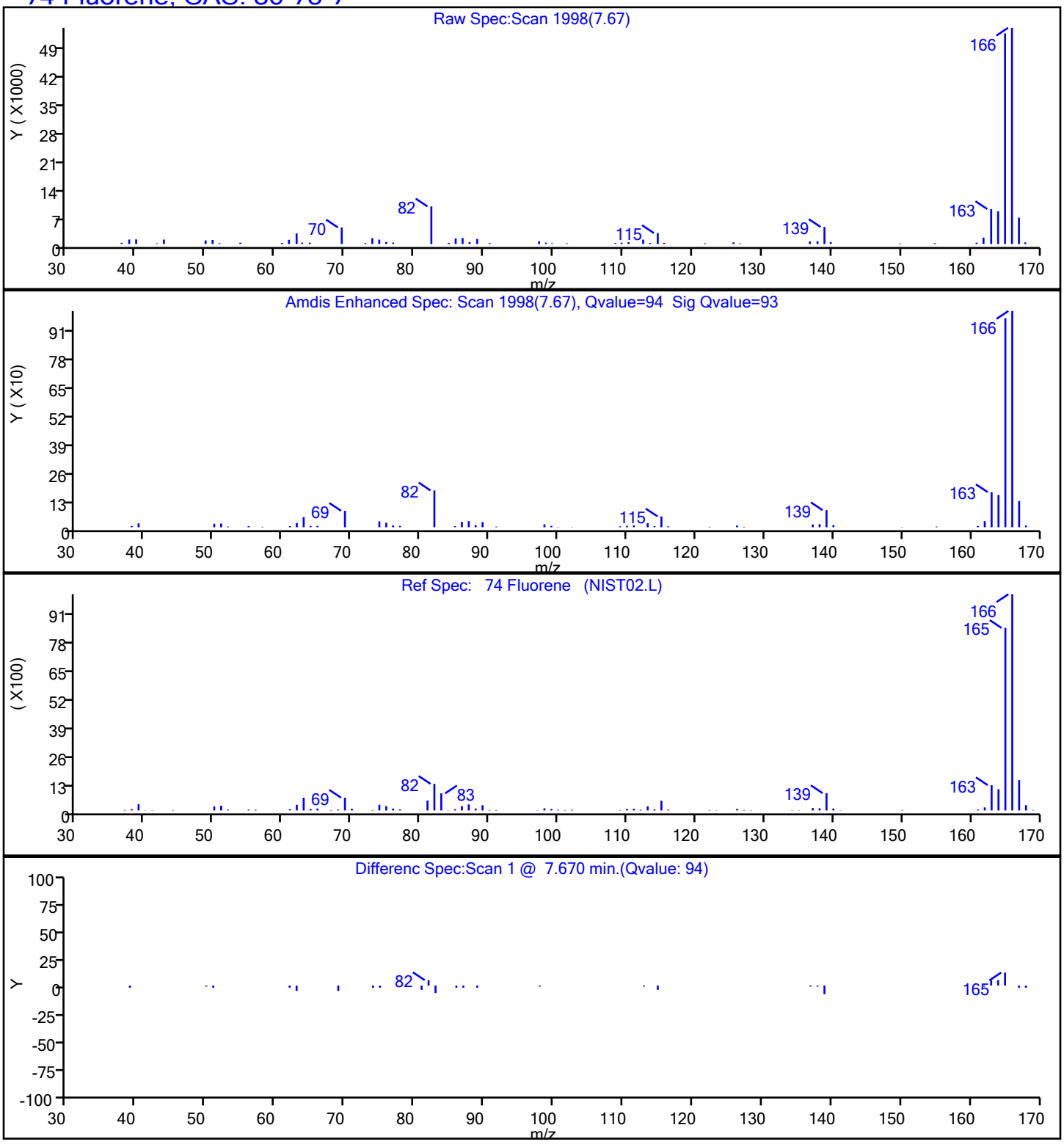
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D
Injection Date: 24-Jun-2023 01:08:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-2-A Lab Sample ID: 460-210122-2
Client ID: MW-C12-202306
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

74 Fluorene, CAS: 86-73-7



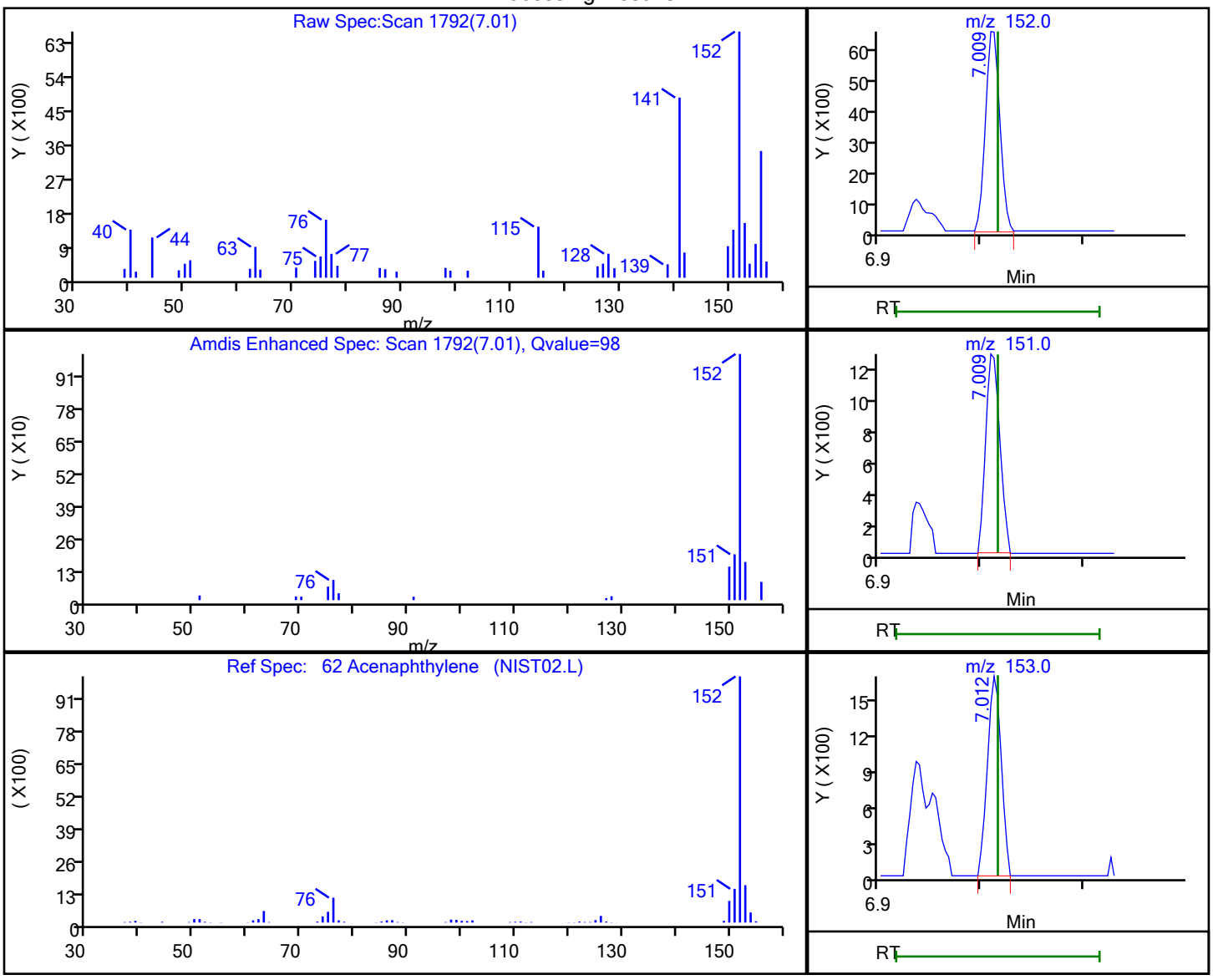
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D				
Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-2-A	Lab Sample ID:	460-210122-2		
Client ID:	MW-C12-202306				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Processing Results



RT	Mass	Response	Amount
7.01	152.00	6367	0.067441
7.01	151.00	1225	
7.01	153.00	1582	

Reviewer: maheseep, 26-Jun-2023 10:33:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

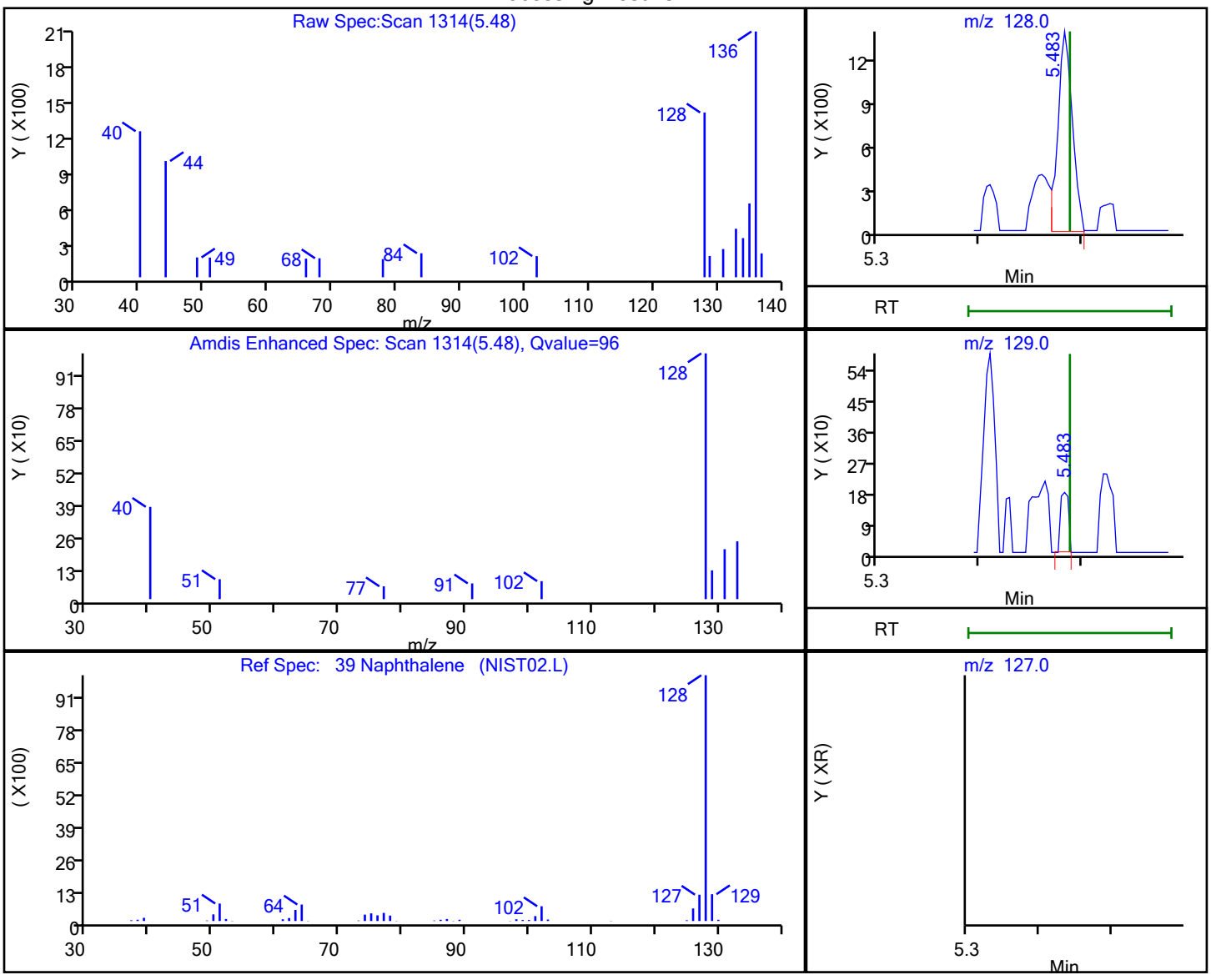
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21040.D				
Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-2-A	Lab Sample ID:	460-210122-2		
Client ID:	MW-C12-202306				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.48	128.00	1344	0.013310
5.48	129.00	97	
5.49	127.00	0	

Reviewer: maheseep, 26-Jun-2023 10:33:57 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C16-202306 | Lab Sample ID: 480-210122-3

Matrix: Water | Lab File ID: M21041.D

Analysis Method: 8270E | Date Collected: 06/19/2023 14:25

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:29

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	8.0	J	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	84		51-145
1718-51-0	Terphenyl-d14 (Surr)	72		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21041.D
Lims ID: 480-210122-A-3-A
Client ID: MW-C16-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:29:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:23 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	96	180194	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	86	268128	8.43	
* 38 Naphthalene-d8	136	5.464	5.469	-0.005	99	667654	8.00	
$ 53 2-Fluorobiphenyl	172	6.508	6.514	-0.006	97	450608	7.46	
* 64 Acenaphthene-d10	164	7.146	7.153	-0.007	96	333800	8.00	
66 Acenaphthene	154	7.175	7.182	-0.007	97	48703	1.00	
* 88 Phenanthrene-d10	188	8.555	8.563	-0.008	99	543240	8.00	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	321015	7.23	
* 103 Chrysene-d12	240	11.199	11.207	-0.008	97	353247	8.00	
* 110 Perylene-d12	264	13.136	13.143	-0.007	96	344945	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

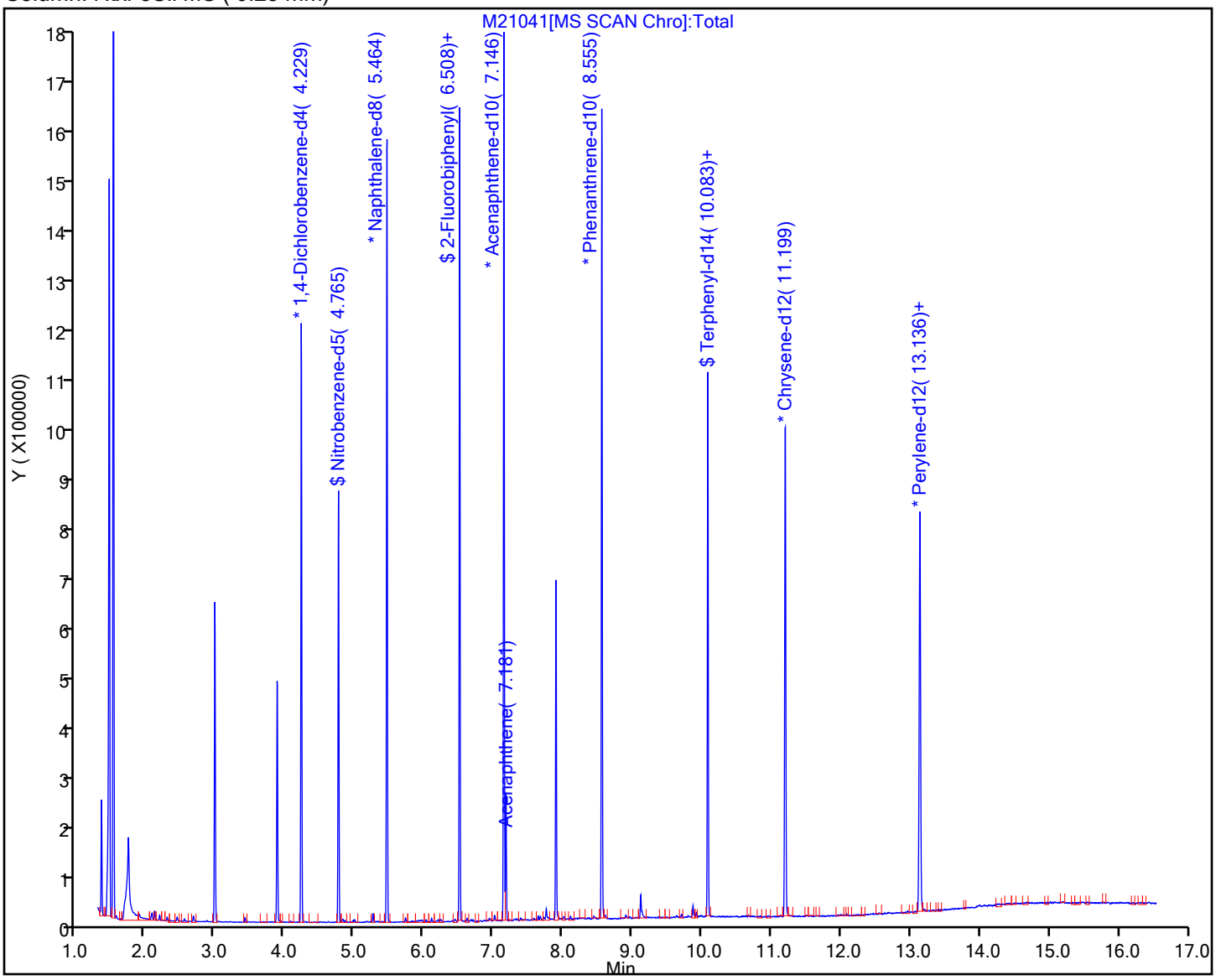
Report Date: 26-Jun-2023 10:34:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21041.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-3-A	Lab Sample ID:	460-210122-3		
Client ID:	MW-C16-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21041.D
Lims ID: 480-210122-A-3-A
Client ID: MW-C16-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:29:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:23 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.43	84.27
$ 53 2-Fluorobiphenyl	10.0	7.46	74.56
$ 97 Terphenyl-d14	10.0	7.23	72.31

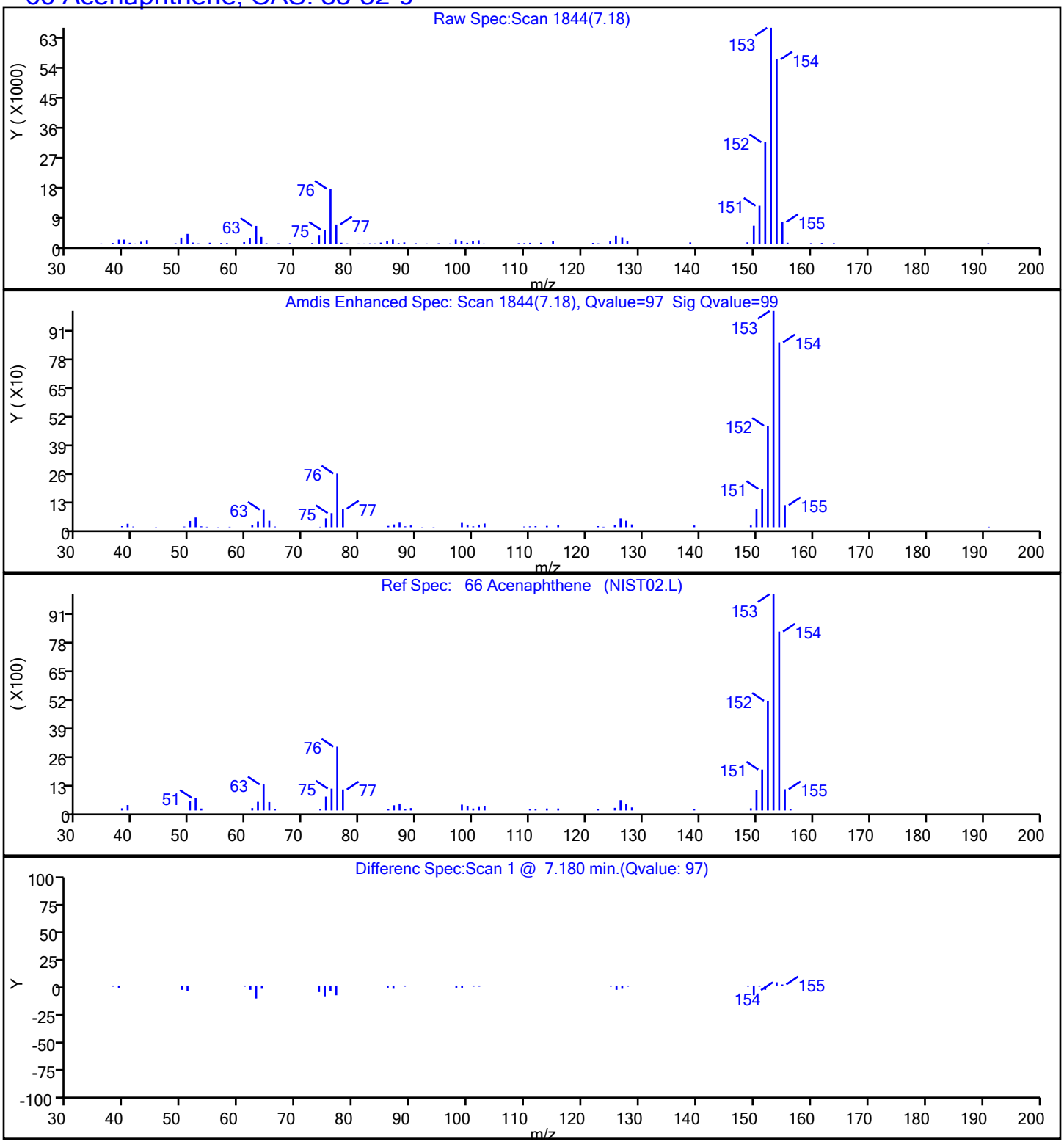
Report Date: 26-Jun-2023 10:34:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21041.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-3-A	Lab Sample ID:	460-210122-3		
Client ID:	MW-C16-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9



7/12/2023
10:47 AM

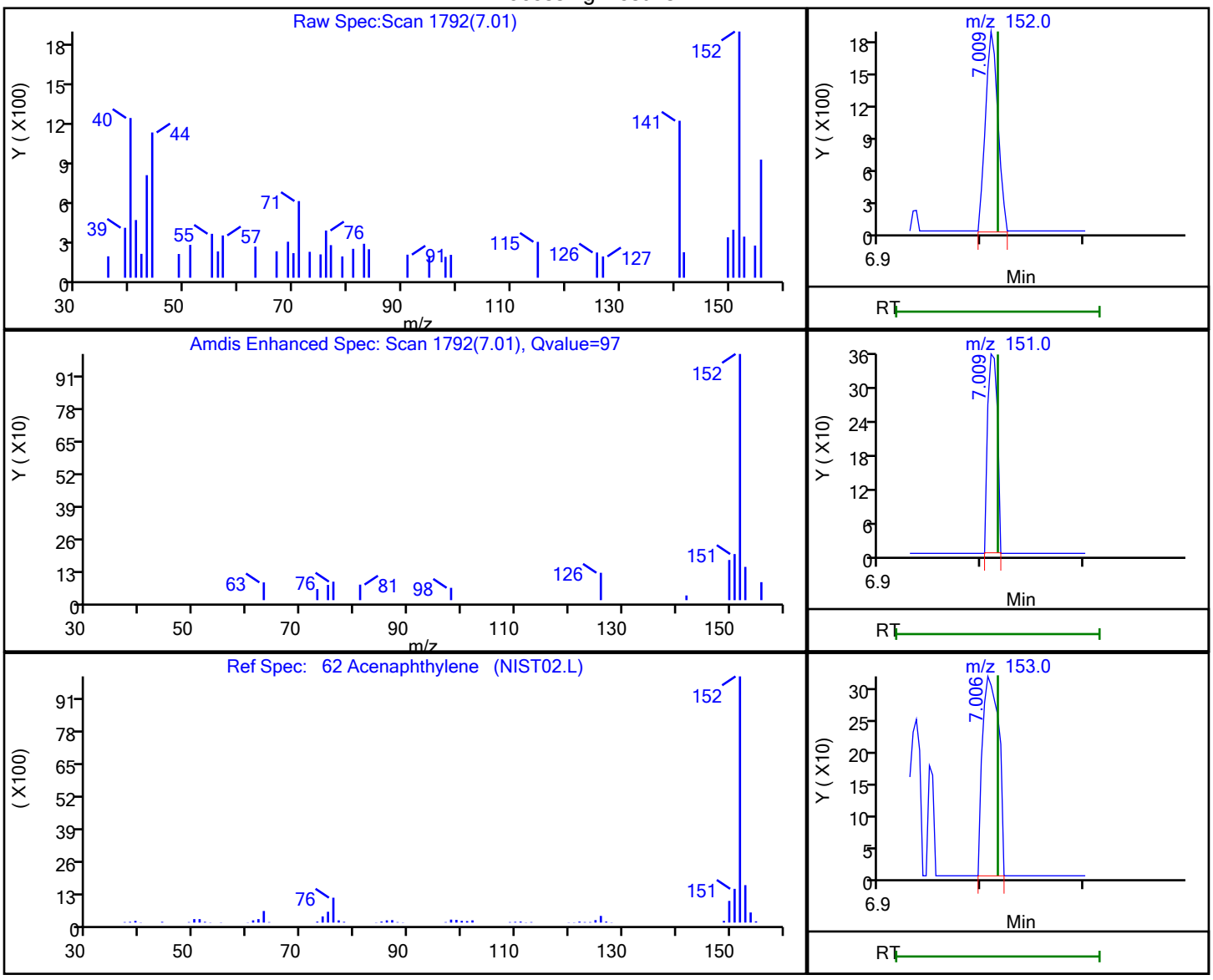
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21041.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-3-A	Lab Sample ID:	460-210122-3		
Client ID:	MW-C16-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Processing Results



RT	Mass	Response	Amount
7.01	152.00	1526	0.017210
7.01	151.00	232	
7.01	153.00	347	

Reviewer: maheseep, 26-Jun-2023 10:34:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-13S-202306 | Lab Sample ID: 480-210122-4

Matrix: Water | Lab File ID: M21042.D

Analysis Method: 8270E | Date Collected: 06/19/2023 16:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:50

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	97		51-145
1718-51-0	Terphenyl-d14 (Surr)	97		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21042.D
Lims ID: 480-210122-B-4-A
Client ID: MW-13S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:50:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:23 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	97	176405	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	88	297177	9.66	
* 38 Naphthalene-d8	136	5.464	5.469	-0.005	99	645215	8.00	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	497678	8.50	
* 64 Acenaphthene-d10	164	7.145	7.153	-0.008	96	323337	8.00	
* 88 Phenanthrene-d10	188	8.556	8.563	-0.007	99	538071	8.00	
$ 97 Terphenyl-d14	244	10.084	10.087	-0.003	97	420450	9.74	
* 103 Chrysene-d12	240	11.198	11.207	-0.009	98	343647	8.00	
* 110 Perylene-d12	264	13.137	13.143	-0.006	97	330243	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

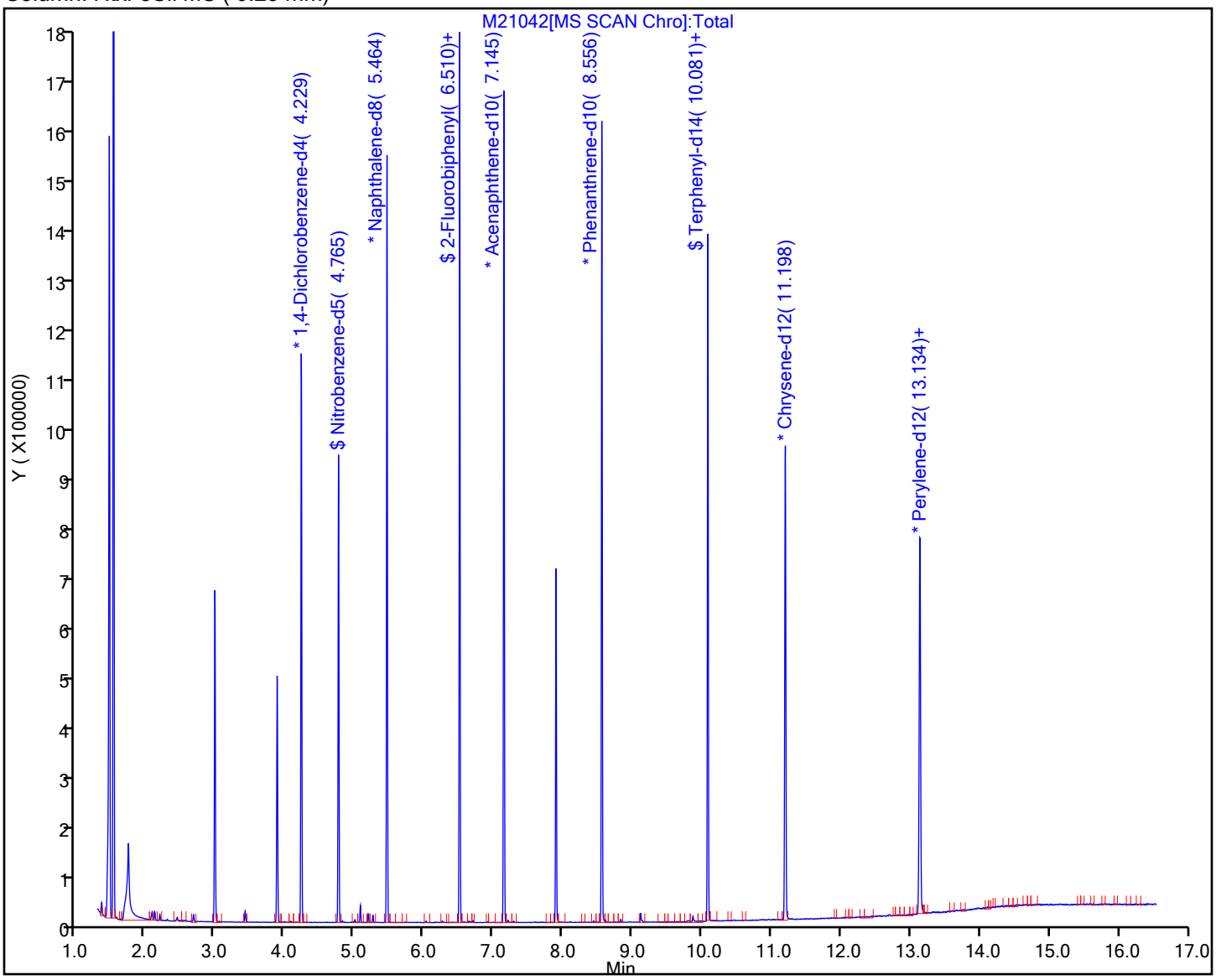
Report Date: 26-Jun-2023 10:34:40 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21042.D

Injection Date:	24-Jun-2023 01:50:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-4-A	Lab Sample ID:	460-210122-4		
Client ID:	MW-13S-202306				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21042.D
Lims ID: 480-210122-B-4-A
Client ID: MW-13S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:50:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:23 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:25:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.66	96.65
$ 53 2-Fluorobiphenyl	10.0	8.50	85.01
$ 97 Terphenyl-d14	10.0	9.74	97.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-22S-202306 | Lab Sample ID: 480-210122-5

Matrix: Water | Lab File ID: M21043.D

Analysis Method: 8270E | Date Collected: 06/20/2023 00:00

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 02:11

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	89		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	101		51-145
1718-51-0	Terphenyl-d14 (Surr)	108		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21043.D
Lims ID: 480-210122-A-5-A
Client ID: MW-22S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 02:11:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-020
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.232	4.233	-0.001	97	181871	8.00	
$ 28 Nitrobenzene-d5	82	4.768	4.773	-0.005	86	326352	10.1	
* 38 Naphthalene-d8	136	5.463	5.469	-0.006	99	678070	8.00	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	549539	8.93	
* 64 Acenaphthene-d10	164	7.145	7.153	-0.008	97	339802	8.00	
* 88 Phenanthrene-d10	188	8.555	8.563	-0.008	99	562544	8.00	
$ 97 Terphenyl-d14	244	10.084	10.087	-0.003	96	480361	10.8	
* 103 Chrysene-d12	240	11.198	11.207	-0.009	98	353588	8.00	
* 110 Perylene-d12	264	13.134	13.143	-0.009	97	347638	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

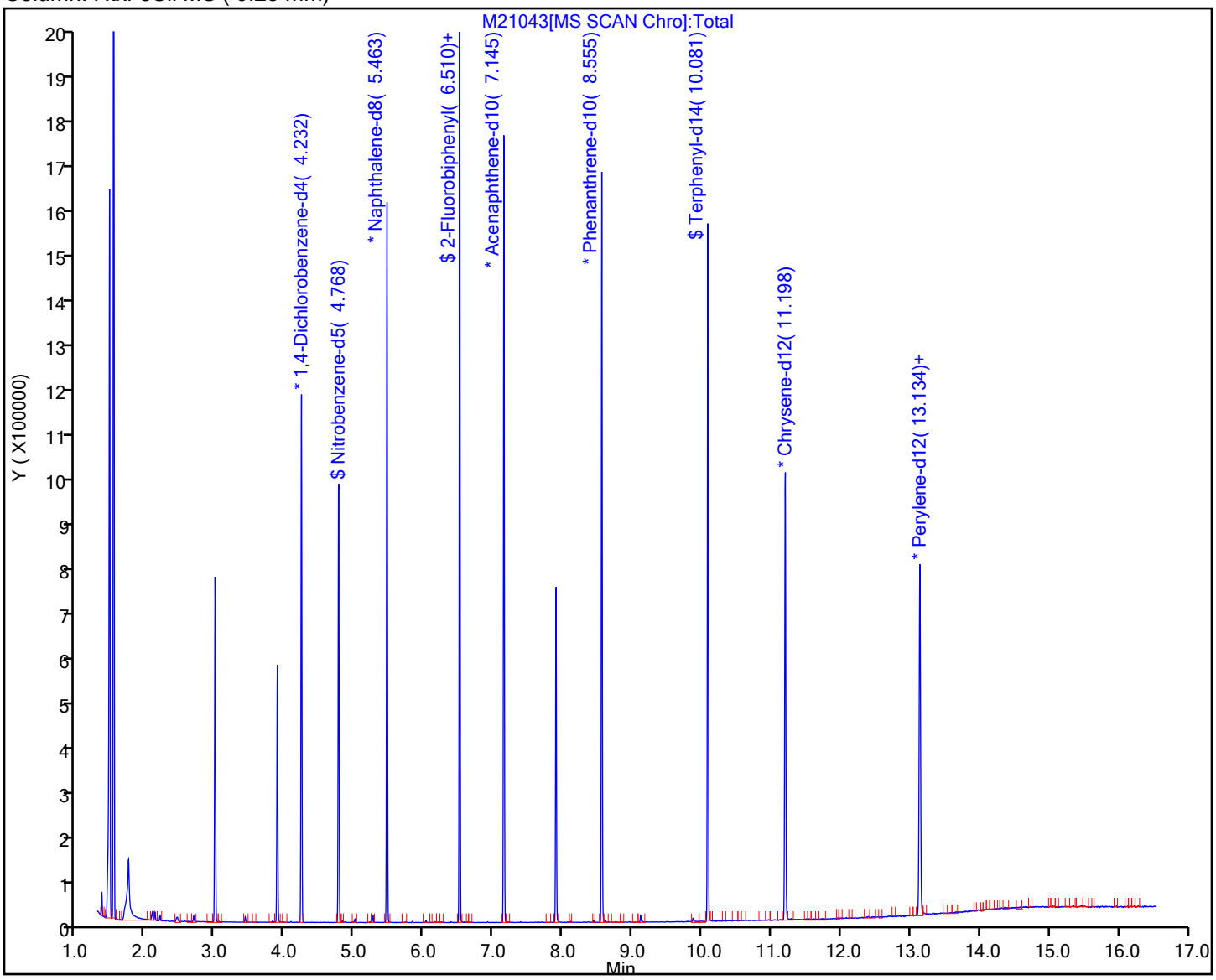
Report Date: 26-Jun-2023 10:34:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21043.D

Injection Date:	24-Jun-2023 02:11:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-5-A	Lab Sample ID:	460-210122-5		
Client ID:	MW-22S-202306				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21043.D
Lims ID: 480-210122-A-5-A
Client ID: MW-22S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 02:11:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-020
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	10.1	100.99
$ 53 2-Fluorobiphenyl	10.0	8.93	89.32
$ 97 Terphenyl-d14	10.0	10.8	108.10

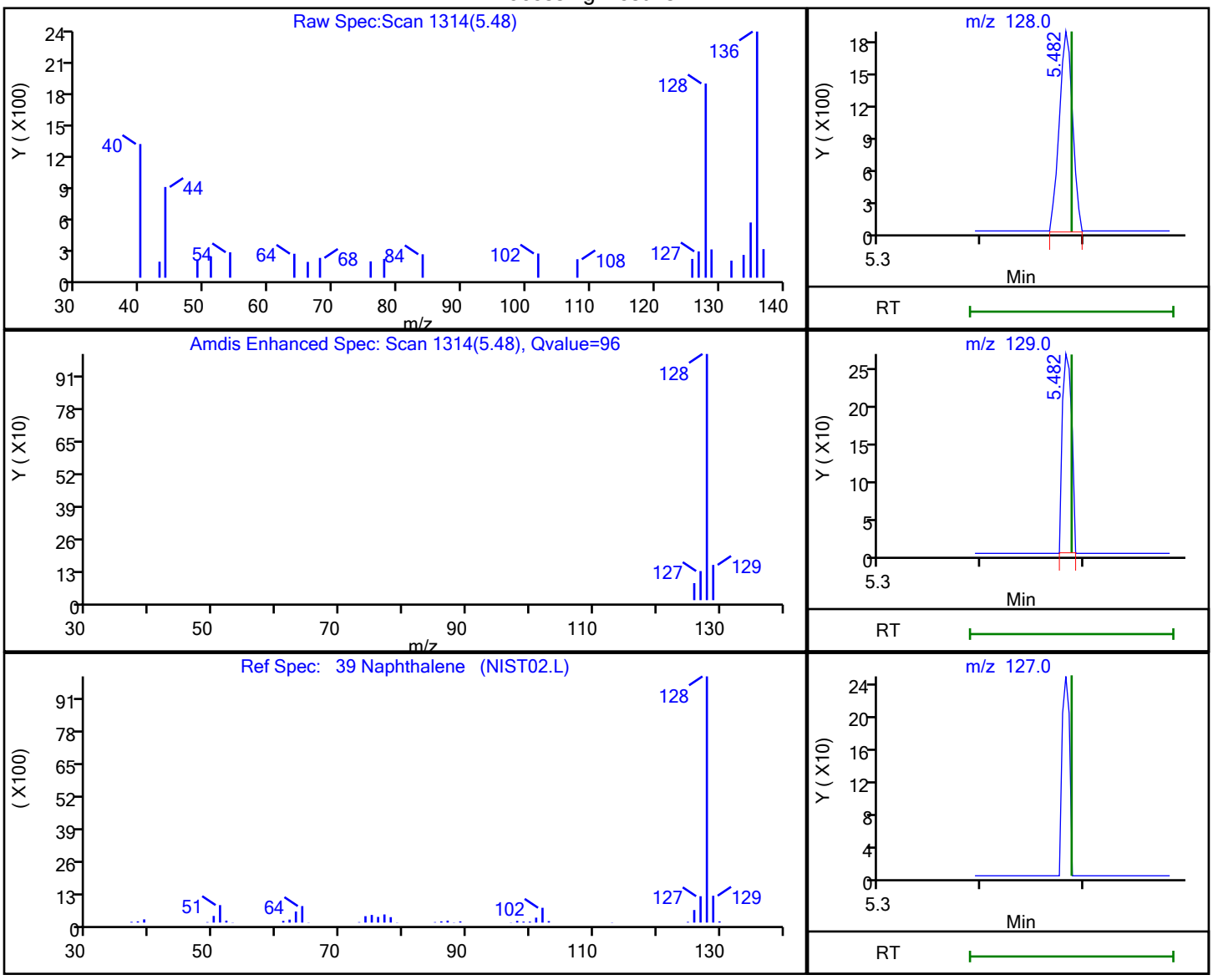
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21043.D				
Injection Date:	24-Jun-2023 02:11:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-5-A	Lab Sample ID:	460-210122-5		
Client ID:	MW-22S-202306				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.48	128.00	1656	0.017382
5.48	129.00	170	
5.49	127.00	0	

Reviewer: maheseep, 26-Jun-2023 10:34:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 | Lab Sample ID: 480-210122-6

Matrix: Water | Lab File ID: M21044.D

Analysis Method: 8270E | Date Collected: 06/19/2023 17:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 02:32

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	51	F1 F2	10	1.1
208-96-8	Acenaphthylene	0.97	J F2	10	0.82
120-12-7	Anthracene	2.9	J F1 F2	10	1.3
218-01-9	Chrysene	2.0	U F1 F2	2.0	0.91
206-44-0	Fluoranthene	1.4	J F1 F2	10	0.84
86-73-7	Fluorene	14	F1 F2	10	0.91
91-20-3	Naphthalene	2.0	U F1 F2	2.0	0.54
85-01-8	Phenanthrene	9.1	J F1 F2	10	1.3
129-00-0	Pyrene	2.3	J F2	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	93		51-145
1718-51-0	Terphenyl-d14 (Surr)	103		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Lims ID: 480-210122-B-6-A
Client ID: MW-23S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 02:32:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-021
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.984	2.988	-0.004	97	185824	6.13	
$ 6 Phenol-d5	99	3.881	3.894	-0.013	0	164807	4.46	
10 Benzonitrile	103	4.066	3.989	0.076	57	10623	NC	
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	97	173309	8.00	
12 2-Toluidine	107	4.286	4.316	-0.031	47	304	NC	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	86	285047	9.25	
33 2,4-Dimethylphenol	122	5.139	5.151	-0.017	55	3154	0.1275	
* 38 Naphthalene-d8	136	5.462	5.469	-0.007	99	646410	8.00	
47 1-Methylnaphthalene	142	6.245	6.252	-0.007	95	199802	3.94	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	490948	8.67	
54 1,1'-Biphenyl	154	6.603	6.606	-0.003	97	15247	0.2372	
58 1,3-Dimethylnaphthalene	156	6.826	6.833	-0.007	95	118156	3.17	
60 Coumarin	146	6.913	6.913	-0.007	80	7263	0.3847	
62 Acenaphthylene	152	7.012	7.008	-0.004	97	10049	0.1210	
* 64 Acenaphthene-d10	164	7.146	7.153	-0.007	96	312577	8.00	
66 Acenaphthene	154	7.178	7.182	-0.004	98	288719	6.34	
70 Dibenzofuran	168	7.341	7.348	-0.007	96	9586	0.1376	
74 Fluorene	166	7.667	7.665	-0.007	93	96605	1.79	
$ 80 2,4,6-Tribromophenol	330	7.897	7.904	-0.007	94	78640	8.44	
81 1-Naphthylamine	143	8.224	8.220	-0.004	48	769	NC	
* 88 Phenanthrene-d10	188	8.556	8.563	-0.007	99	509634	8.00	
89 Phenanthrene	178	8.578	8.585	-0.007	98	79179	1.13	
90 Anthracene	178	8.626	8.633	-0.007	97	26408	0.3678	
93 Fluoranthene	202	9.706	9.701	-0.004	96	11751	0.1703	
95 Pyrene	202	9.916	9.916	-0.008	93	16062	0.2849	
$ 97 Terphenyl-d14	244	10.082	10.087	-0.005	97	413855	10.3	
* 103 Chrysene-d12	240	11.197	11.207	-0.010	97	319140	8.00	
* 110 Perylene-d12	264	13.135	13.143	-0.008	96	318253	8.00	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00195	Amount Added: 20.00	Units: uL	Run Reagent	

Report Date: 26-Jun-2023 10:36:01 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D

Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17

Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6

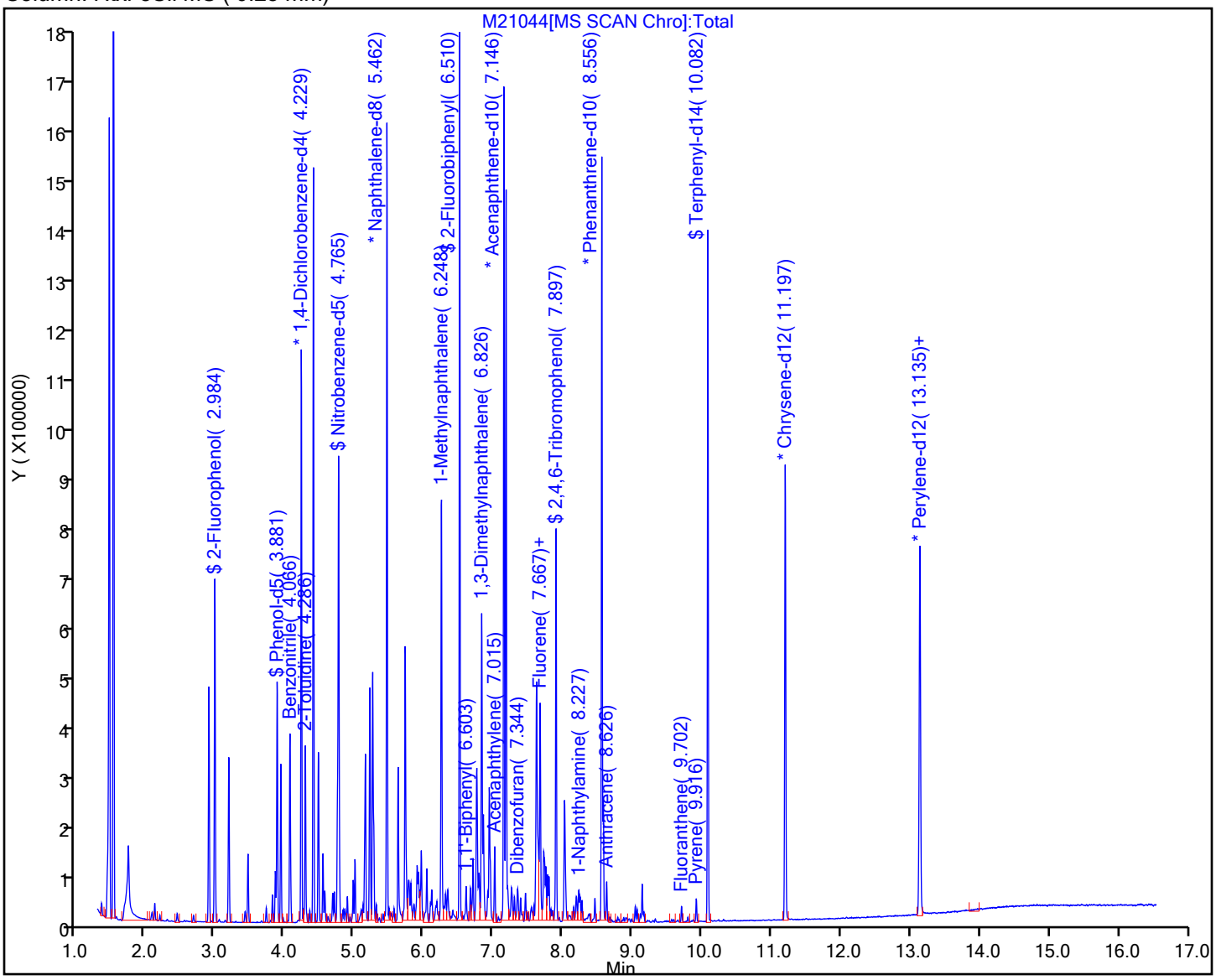
Client ID: MW-23S-202306

Operator ID: ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Lims ID: 480-210122-B-6-A
Client ID: MW-23S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 02:32:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-021
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	6.13	61.30
$ 6 Phenol-d5	10.0	4.46	44.59
$ 28 Nitrobenzene-d5	10.0	9.25	92.53
$ 53 2-Fluorobiphenyl	10.0	8.67	86.75
$ 80 2,4,6-Tribromophenol	10.0	8.44	84.37
$ 97 Terphenyl-d14	10.0	10.3	103.18

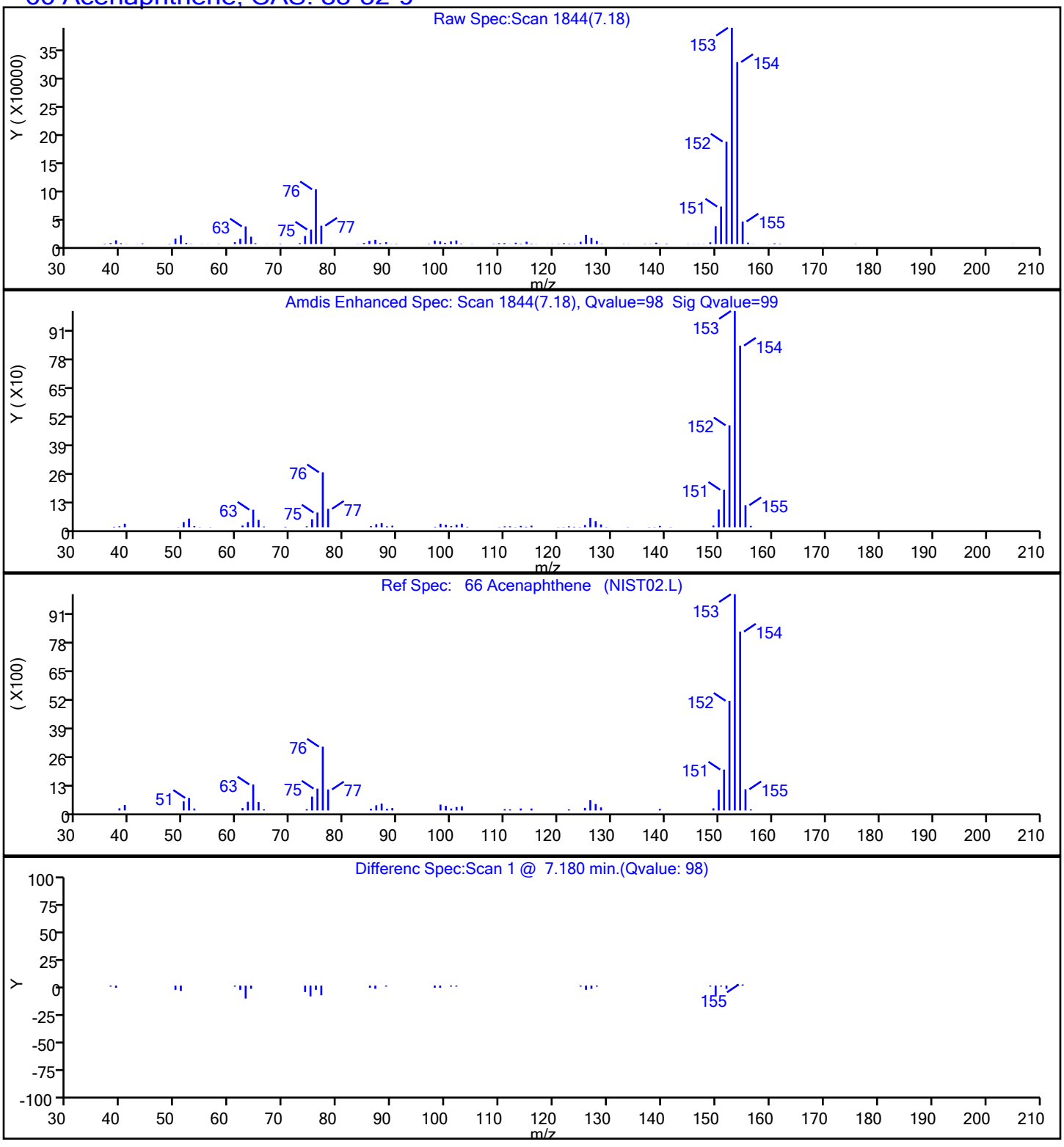
Report Date: 26-Jun-2023 10:36:01 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D

Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

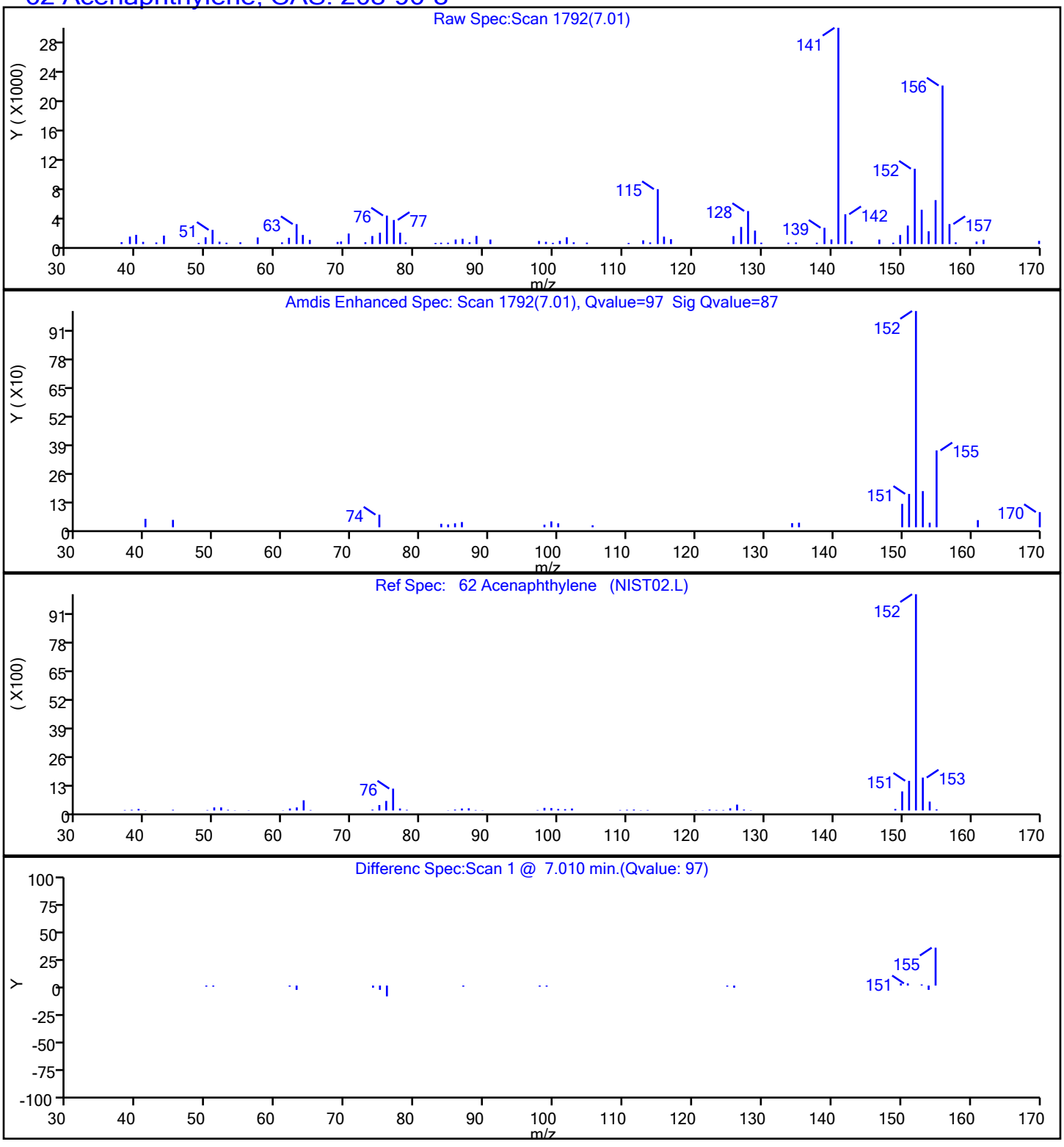
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

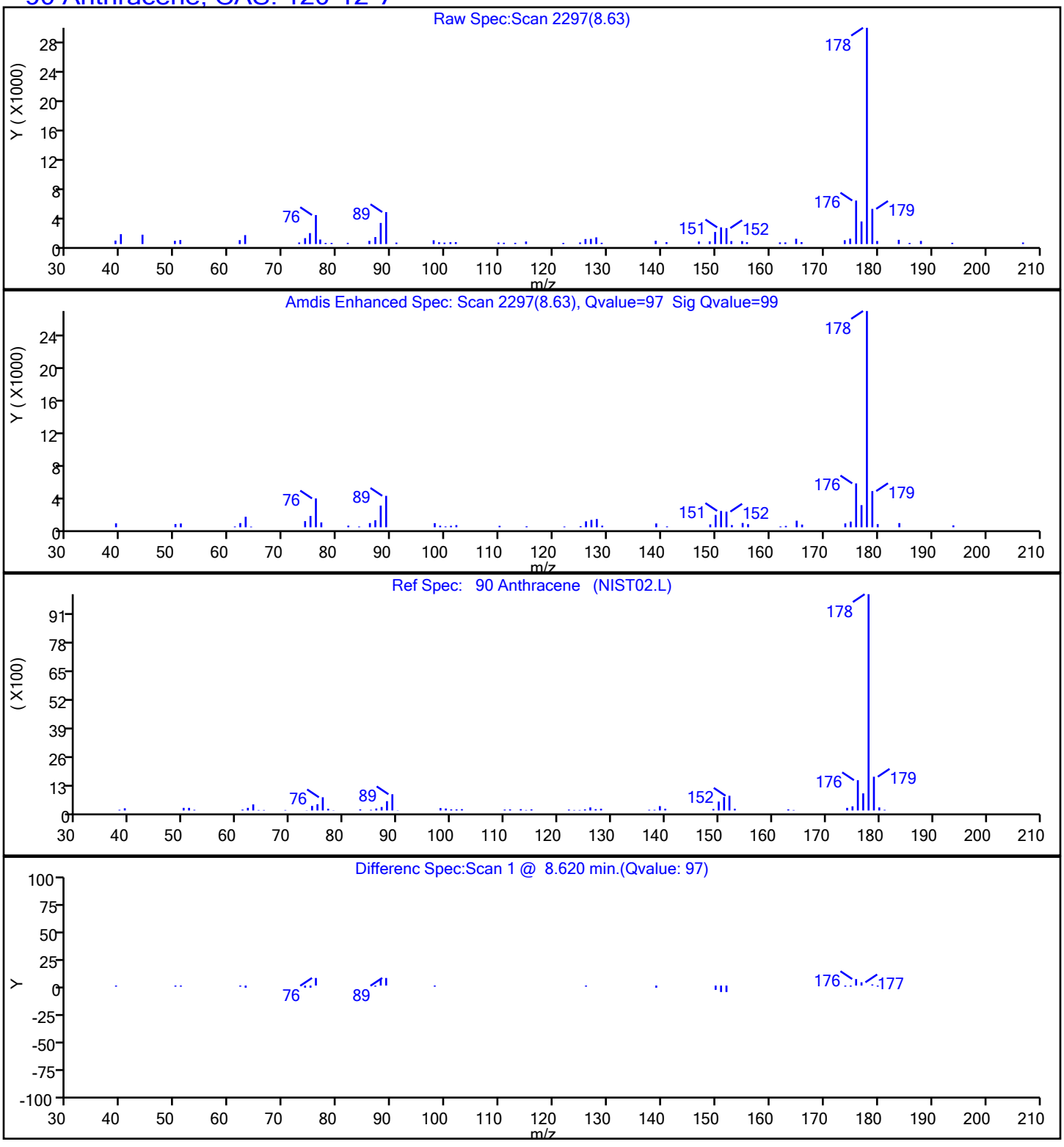
62 Acenaphthylene, CAS: 208-96-8



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

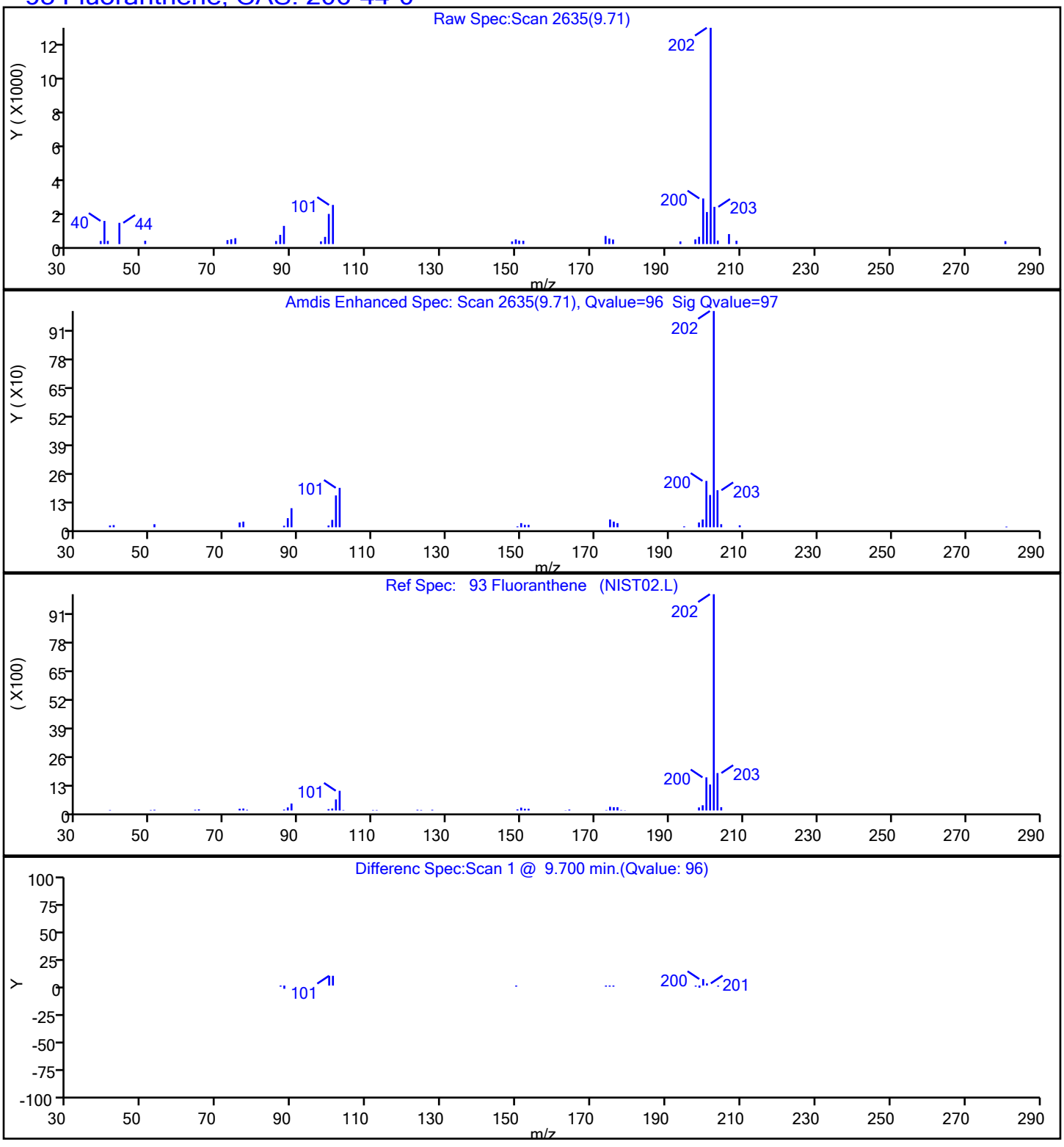
90 Anthracene, CAS: 120-12-7



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

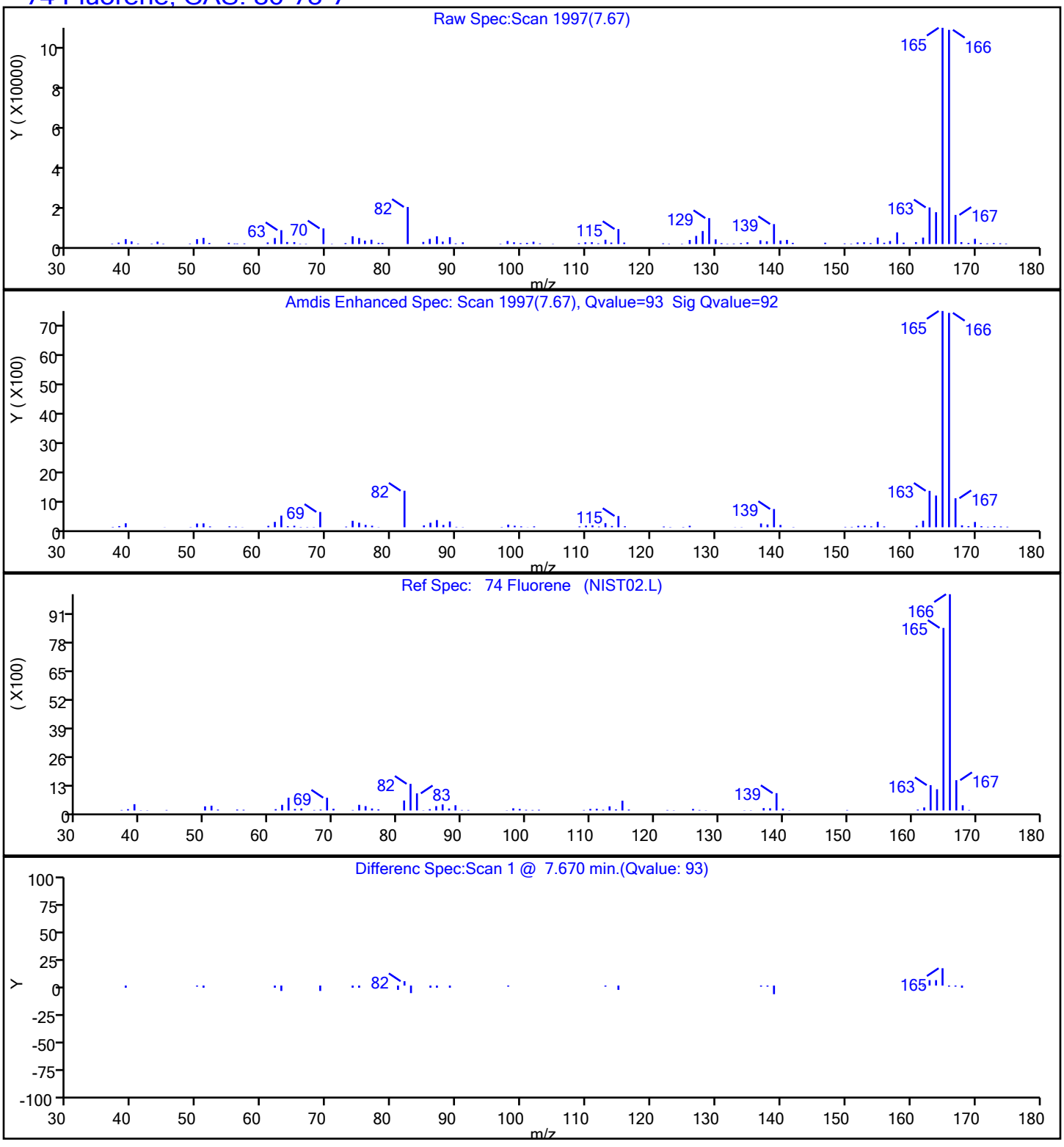
93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

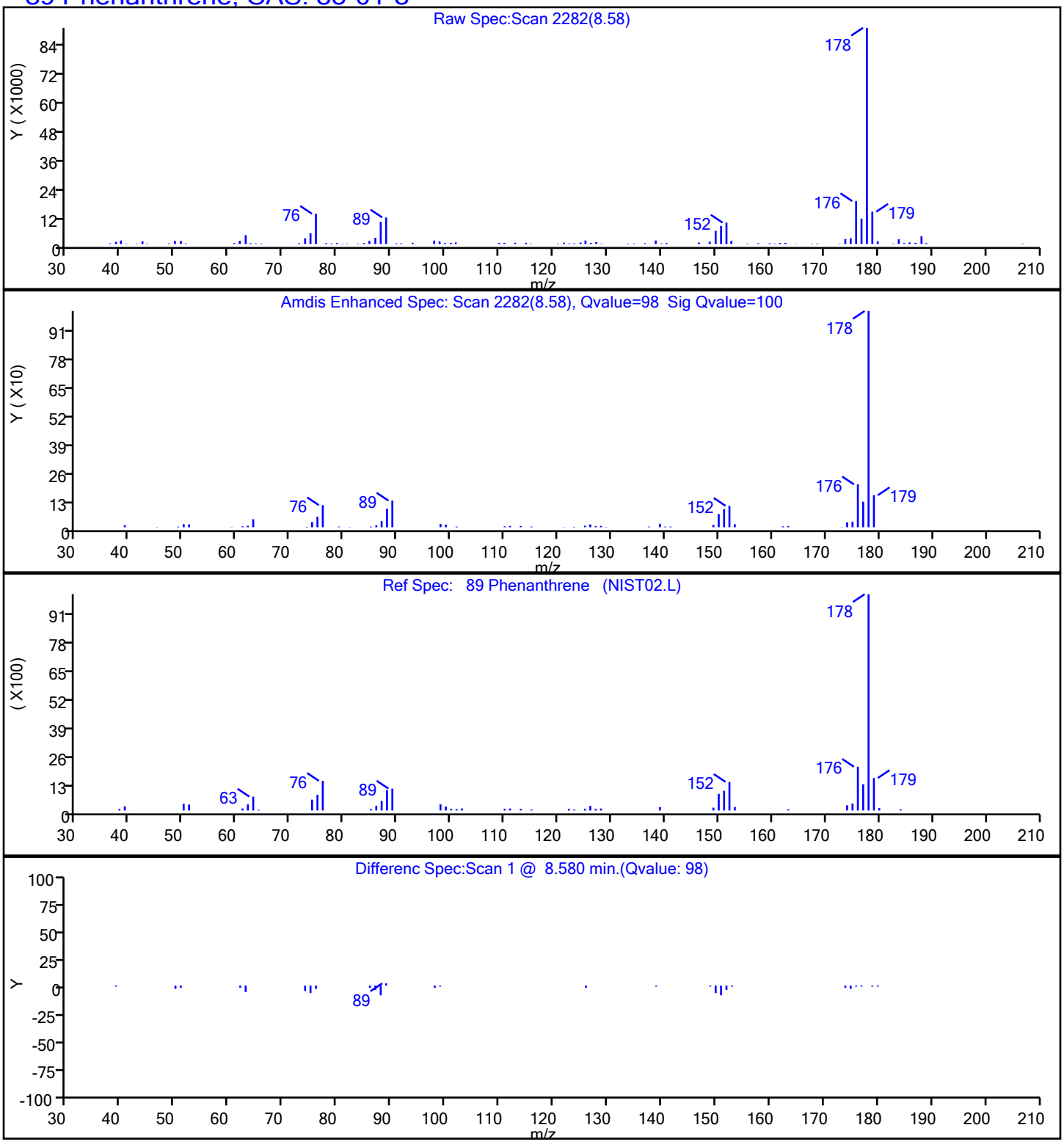
74 Fluorene, CAS: 86-73-7



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D
Injection Date: 24-Jun-2023 02:32:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-A Lab Sample ID: 460-210122-6
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

89 Phenanthrene, CAS: 85-01-8



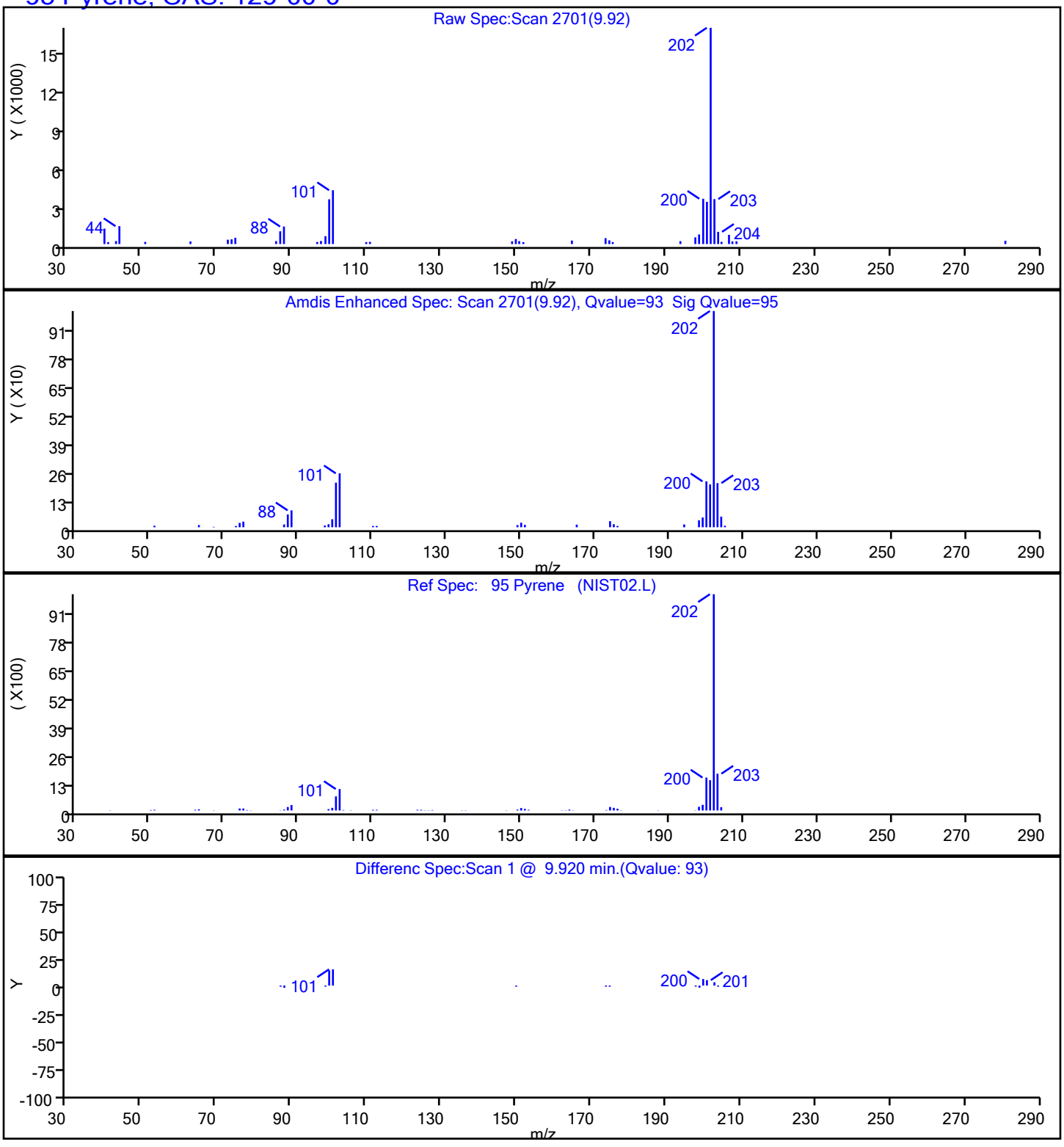
Report Date: 26-Jun-2023 10:36:02 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D

Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

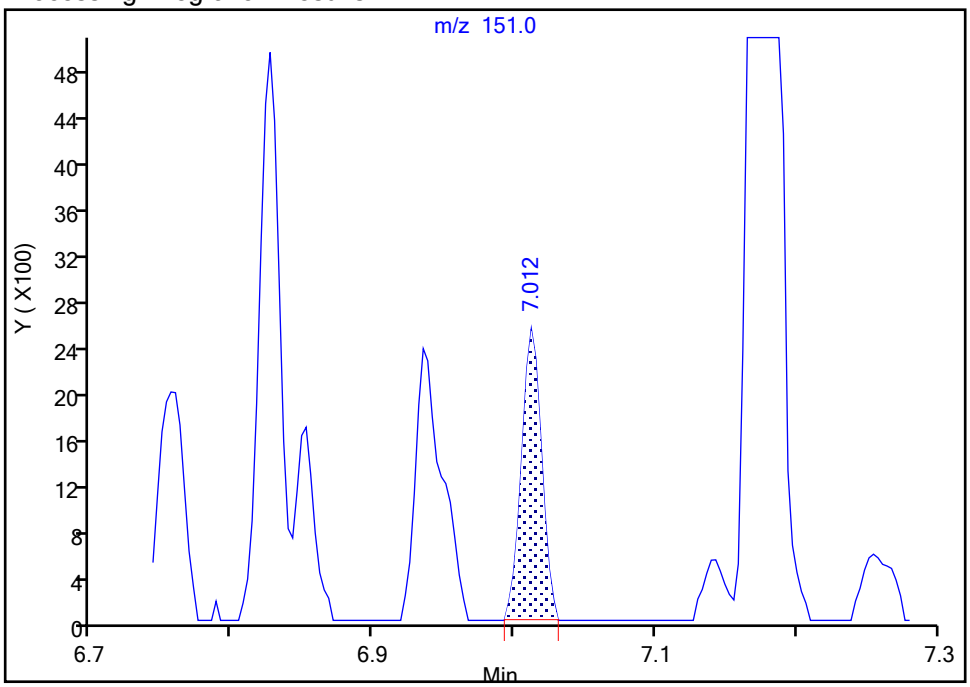
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D				
Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Signal: 2

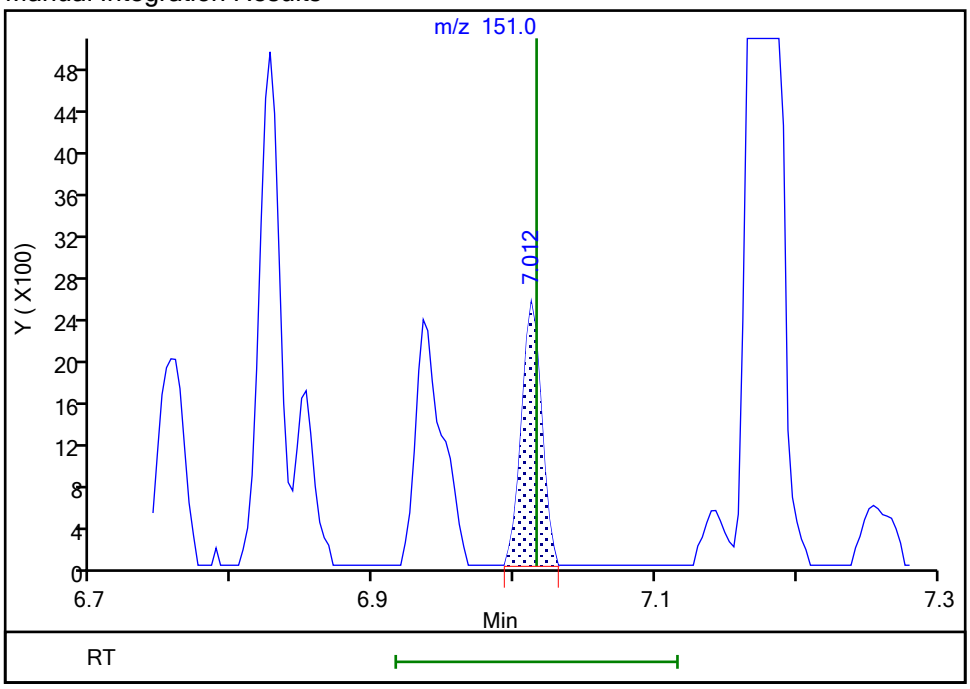
Processing Integration Results

RT: 7.01
Area: 2522
Amount: 0.121029
Amount Units: ug/ml



Manual Integration Results

RT: 7.01
Area: 2522
Amount: 0.121029
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 10:26:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

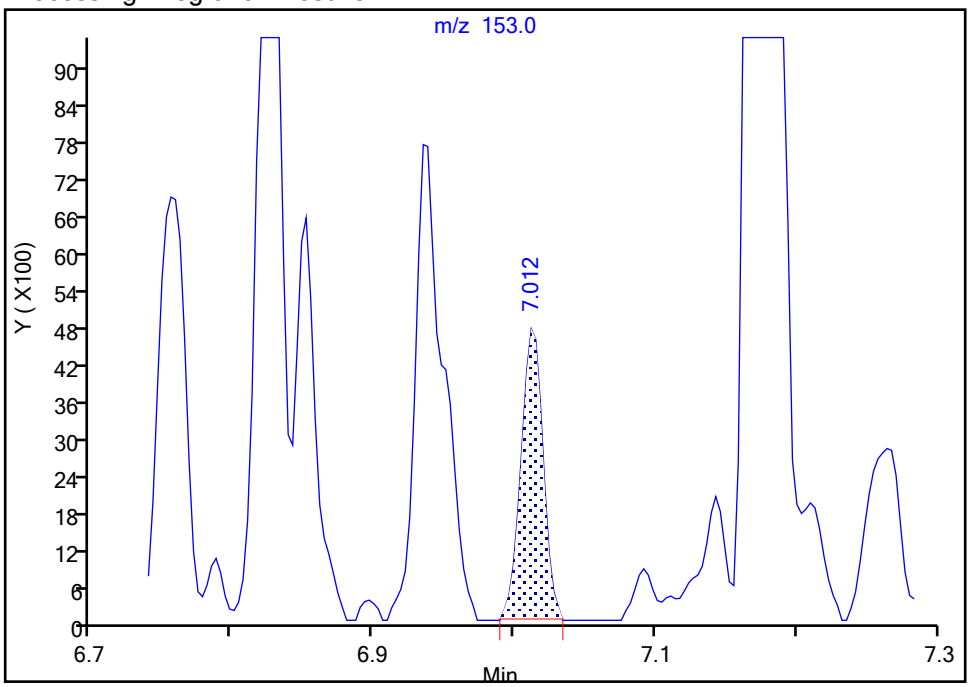
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D				
Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Signal: 3

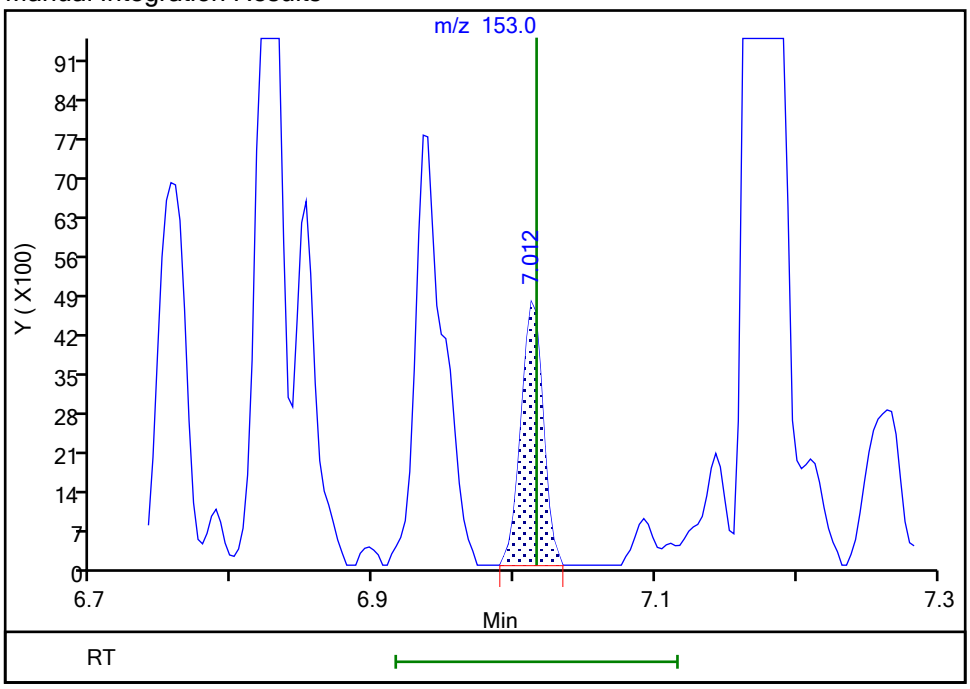
Processing Integration Results

RT: 7.01
Area: 5151
Amount: 0.121029
Amount Units: ug/ml



Manual Integration Results

RT: 7.01
Area: 5151
Amount: 0.121029
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 10:26:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

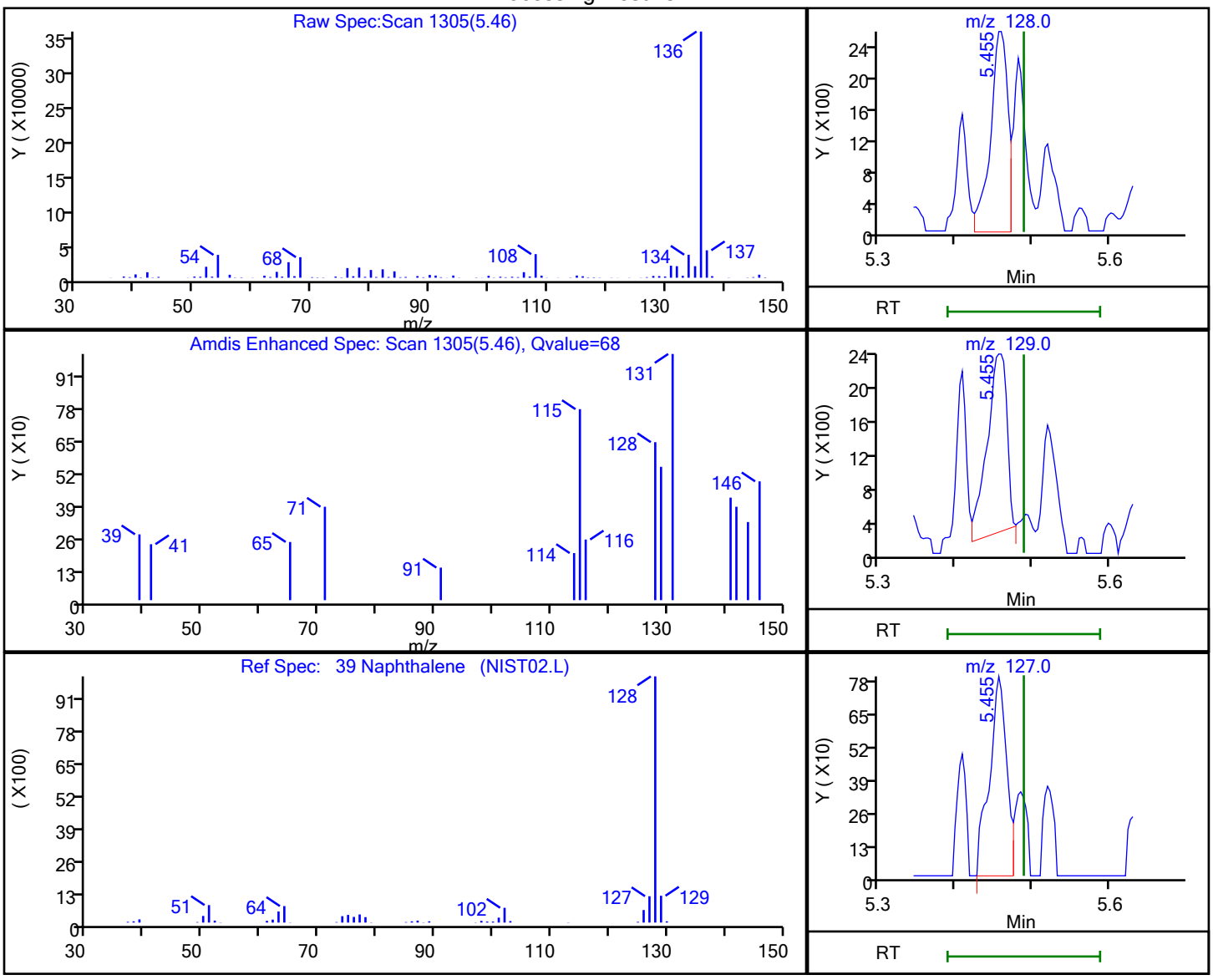
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21044.D				
Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.46	128.00	4018	0.044240
5.46	129.00	3727	
5.46	127.00	1256	

Reviewer: U6BX, 24-Jun-2023 10:26:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-46S-202306 | Lab Sample ID: 480-210122-7

Matrix: Water | Lab File ID: M21047.D

Analysis Method: 8270E | Date Collected: 06/20/2023 08:40

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 03:35

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	29		10	1.1
208-96-8	Acenaphthylene	1.1	J	10	0.82
120-12-7	Anthracene	1.7	J	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	1.0	J	10	0.84
86-73-7	Fluorene	7.7	J	10	0.91
91-20-3	Naphthalene	98		2.0	0.54
85-01-8	Phenanthrene	7.5	J	10	1.3
129-00-0	Pyrene	1.7	J	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	89		51-145
1718-51-0	Terphenyl-d14 (Surr)	95		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D
Lims ID: 480-210122-B-7-A
Client ID: MW-46S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 03:35:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-024
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	97	215985	8.00	
$ 28 Nitrobenzene-d5	82	4.766	4.773	-0.007	86	330808	8.88	
* 38 Naphthalene-d8	136	5.462	5.469	-0.007	99	781306	8.00	
39 Naphthalene	128	5.484	5.488	-0.004	99	1347558	12.3	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	561188	8.01	
62 Acenaphthylene	152	7.009	7.008	-0.007	95	14372	0.1398	
* 64 Acenaphthene-d10	164	7.146	7.153	-0.007	96	387083	8.00	
66 Acenaphthene	154	7.175	7.182	-0.007	97	205891	3.65	
74 Fluorene	166	7.668	7.665	-0.006	96	64162	0.9597	
* 88 Phenanthrene-d10	188	8.556	8.563	-0.007	98	621985	8.00	
89 Phenanthrene	178	8.579	8.585	-0.006	98	80514	0.9429	
90 Anthracene	178	8.627	8.633	-0.006	97	19049	0.2174	
93 Fluoranthene	202	9.703	9.701	-0.007	95	10703	0.1271	
95 Pyrene	202	9.917	9.916	-0.007	94	15523	0.2096	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	499916	9.49	
* 103 Chrysene-d12	240	11.198	11.207	-0.009	98	419100	8.00	
* 110 Perylene-d12	264	13.137	13.143	-0.006	96	416738	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

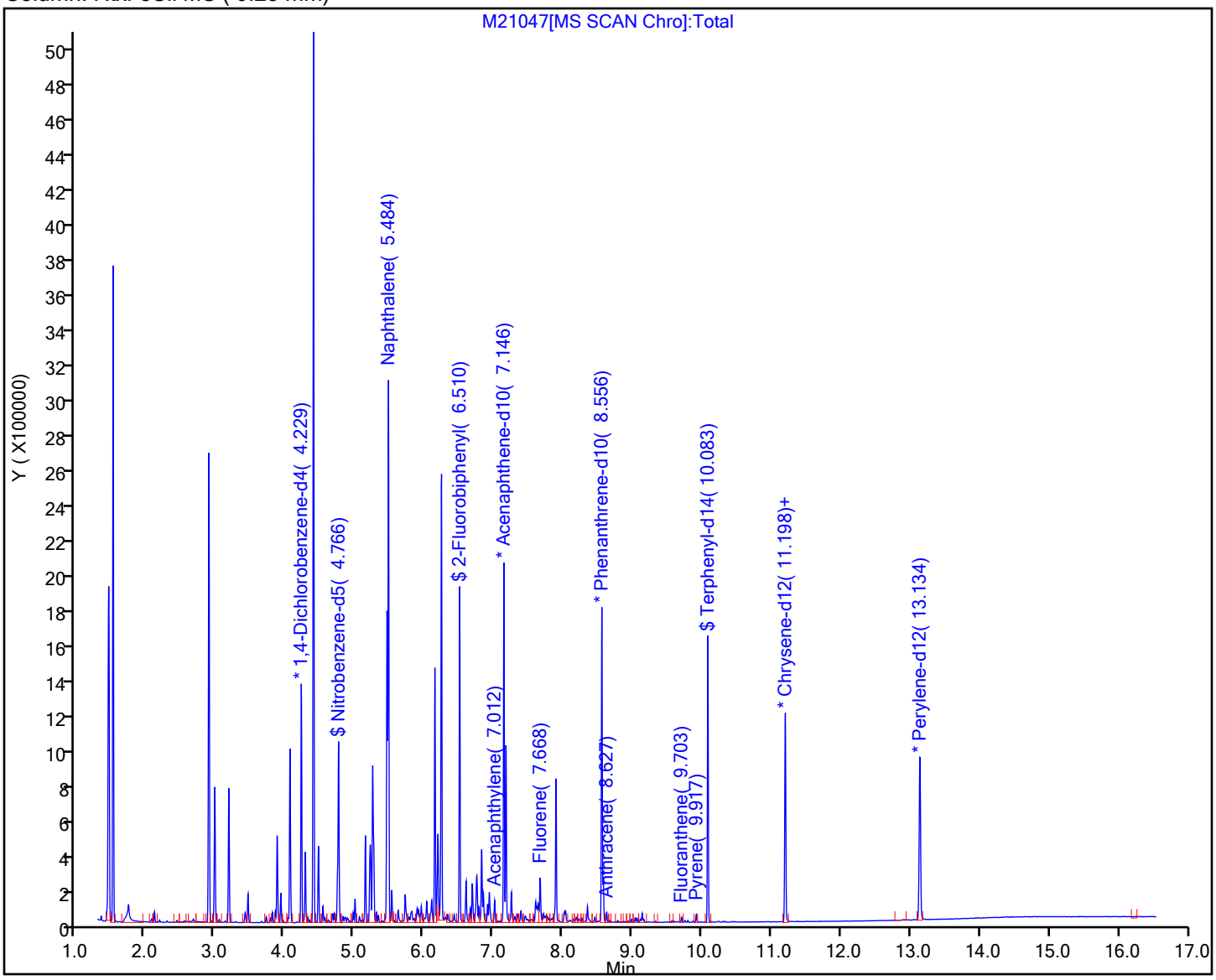
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D
Lims ID: 480-210122-B-7-A
Client ID: MW-46S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 03:35:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-024
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.88	88.85
$ 53 2-Fluorobiphenyl	10.0	8.01	80.07
$ 97 Terphenyl-d14	10.0	9.49	94.91

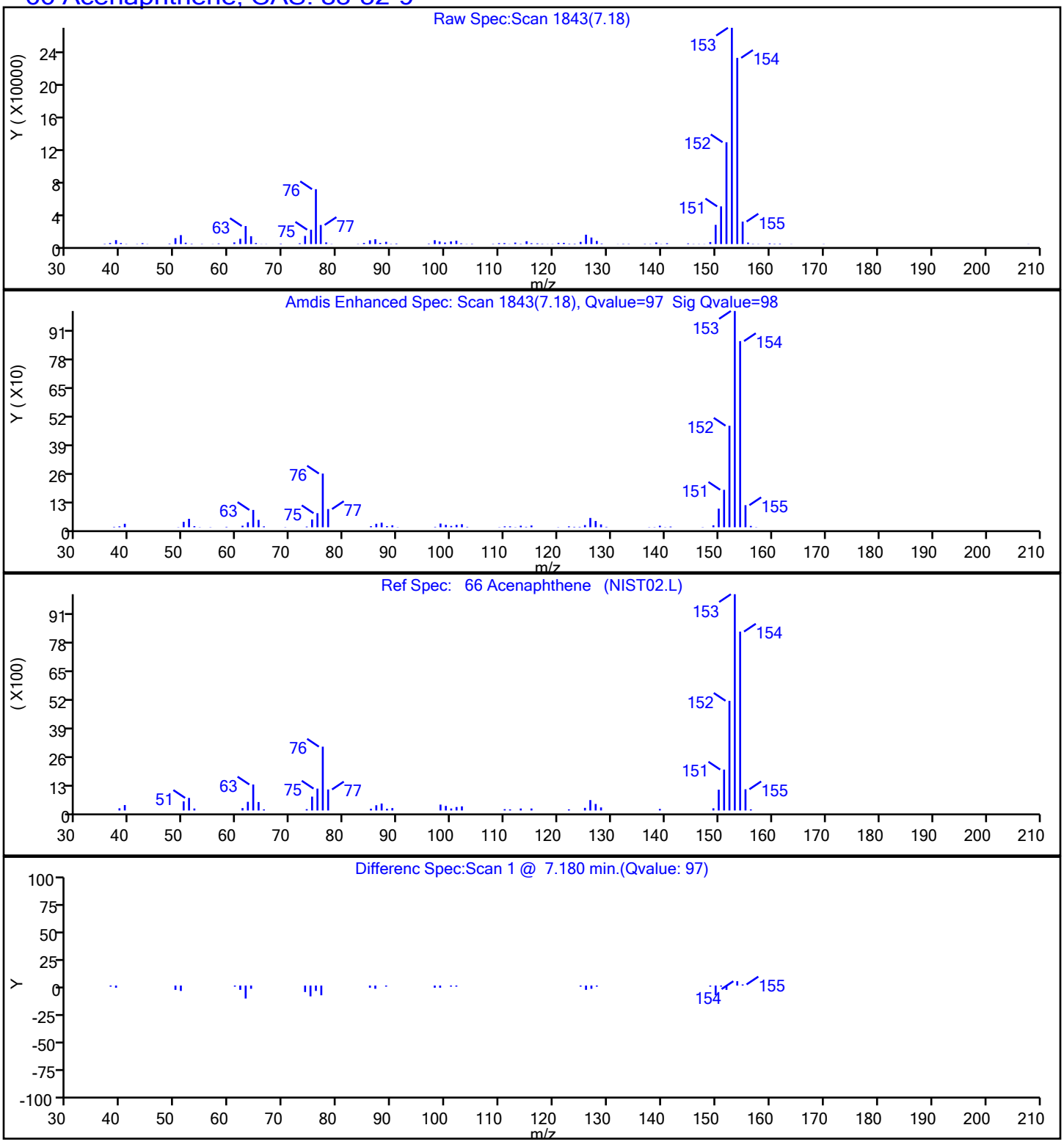
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

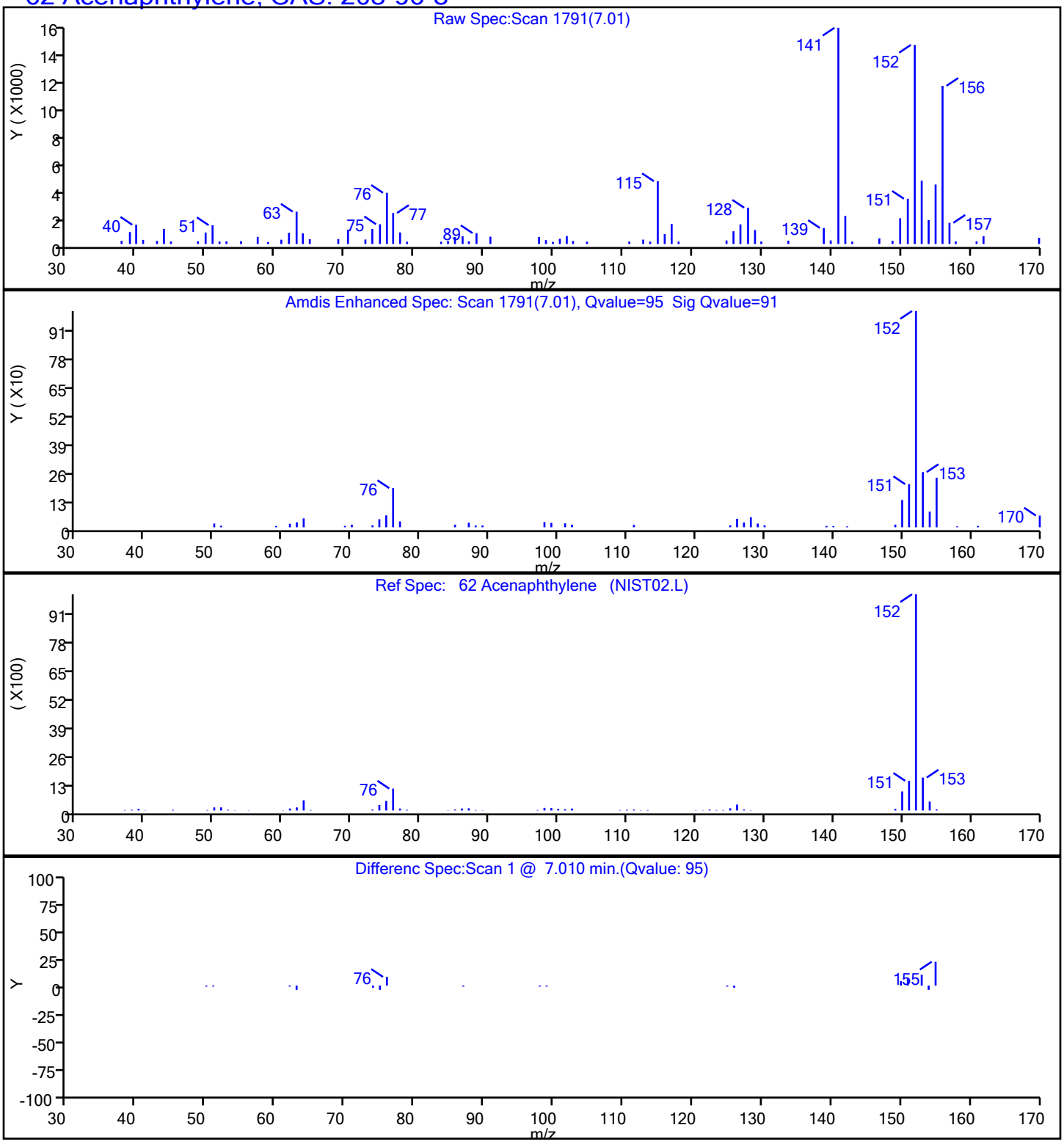
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D
Injection Date: 24-Jun-2023 03:35:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-7-A Lab Sample ID: 460-210122-7
Client ID: MW-46S-202306
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

62 Acenaphthylene, CAS: 208-96-8



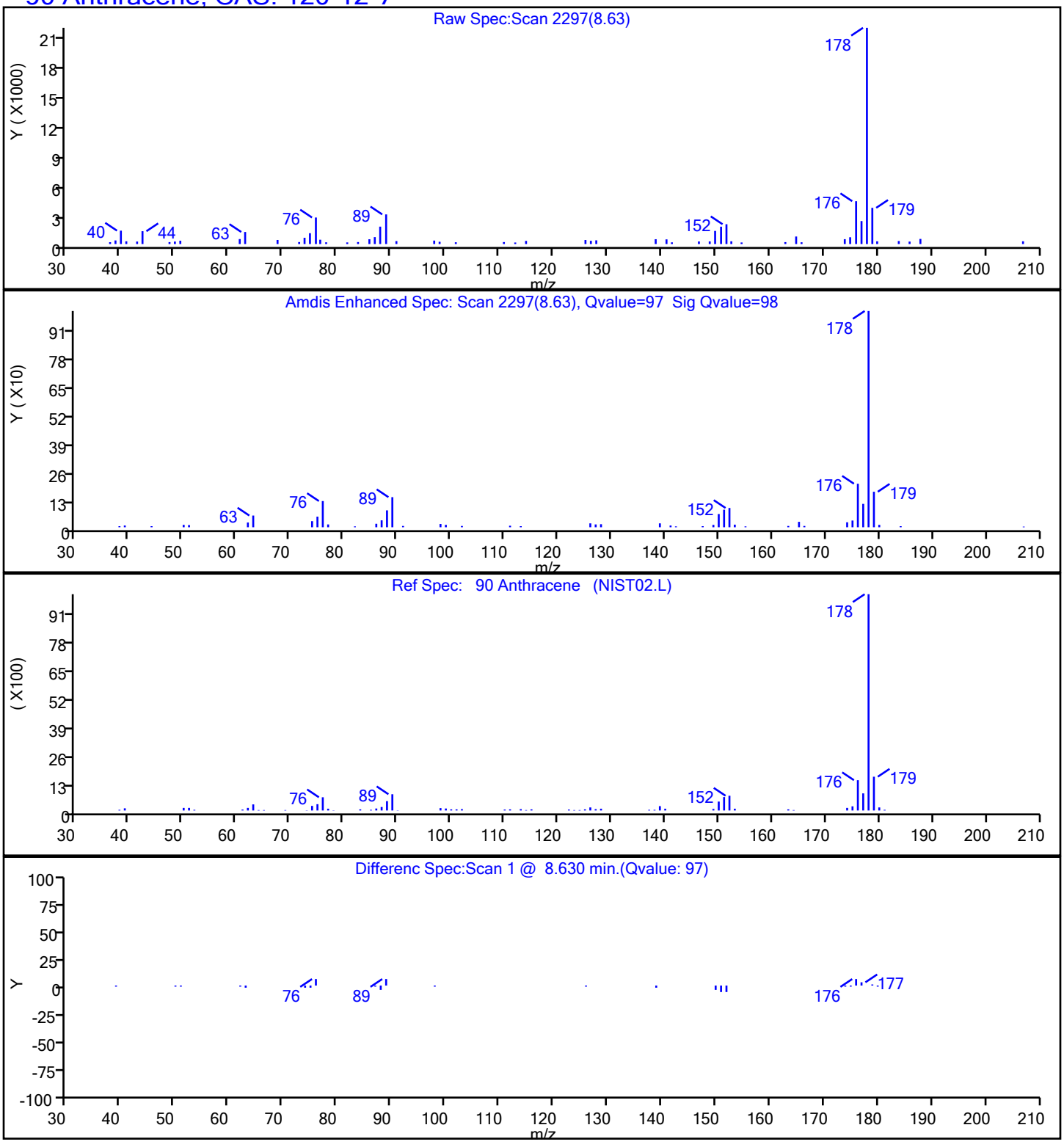
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



7/12/2023
10:47 AM

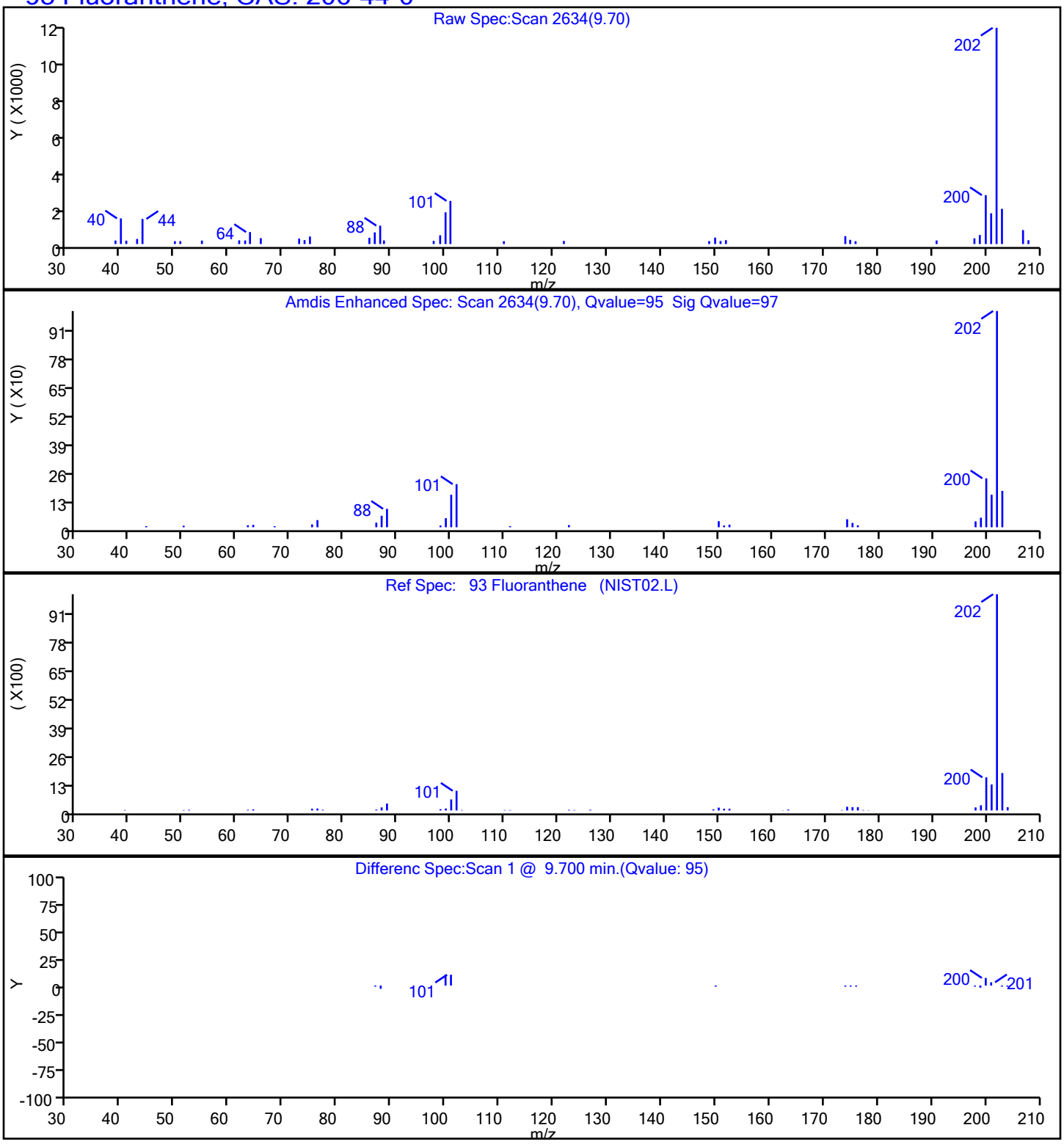
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

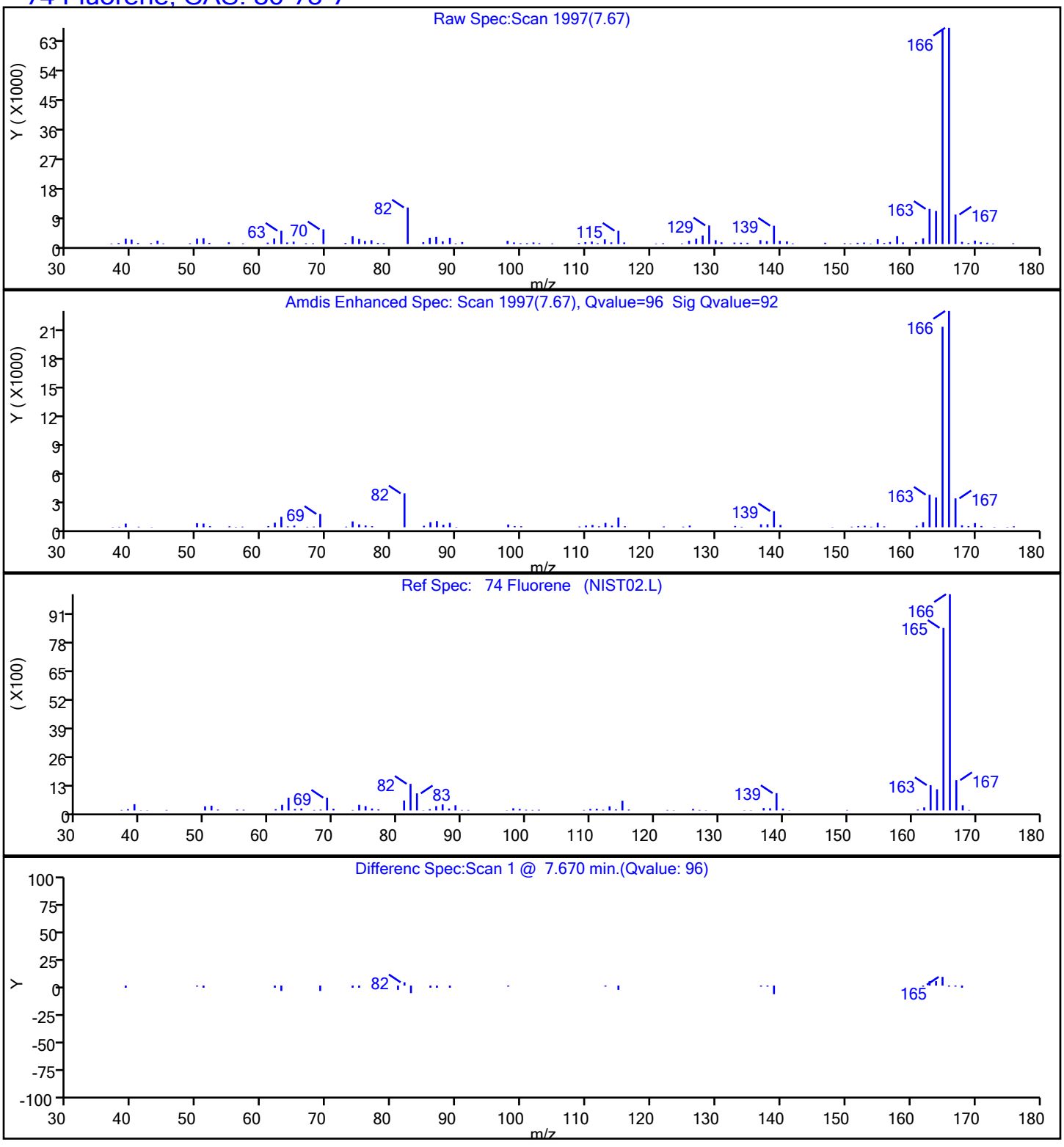
93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D
Injection Date: 24-Jun-2023 03:35:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-7-A Lab Sample ID: 460-210122-7
Client ID: MW-46S-202306
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

74 Fluorene, CAS: 86-73-7



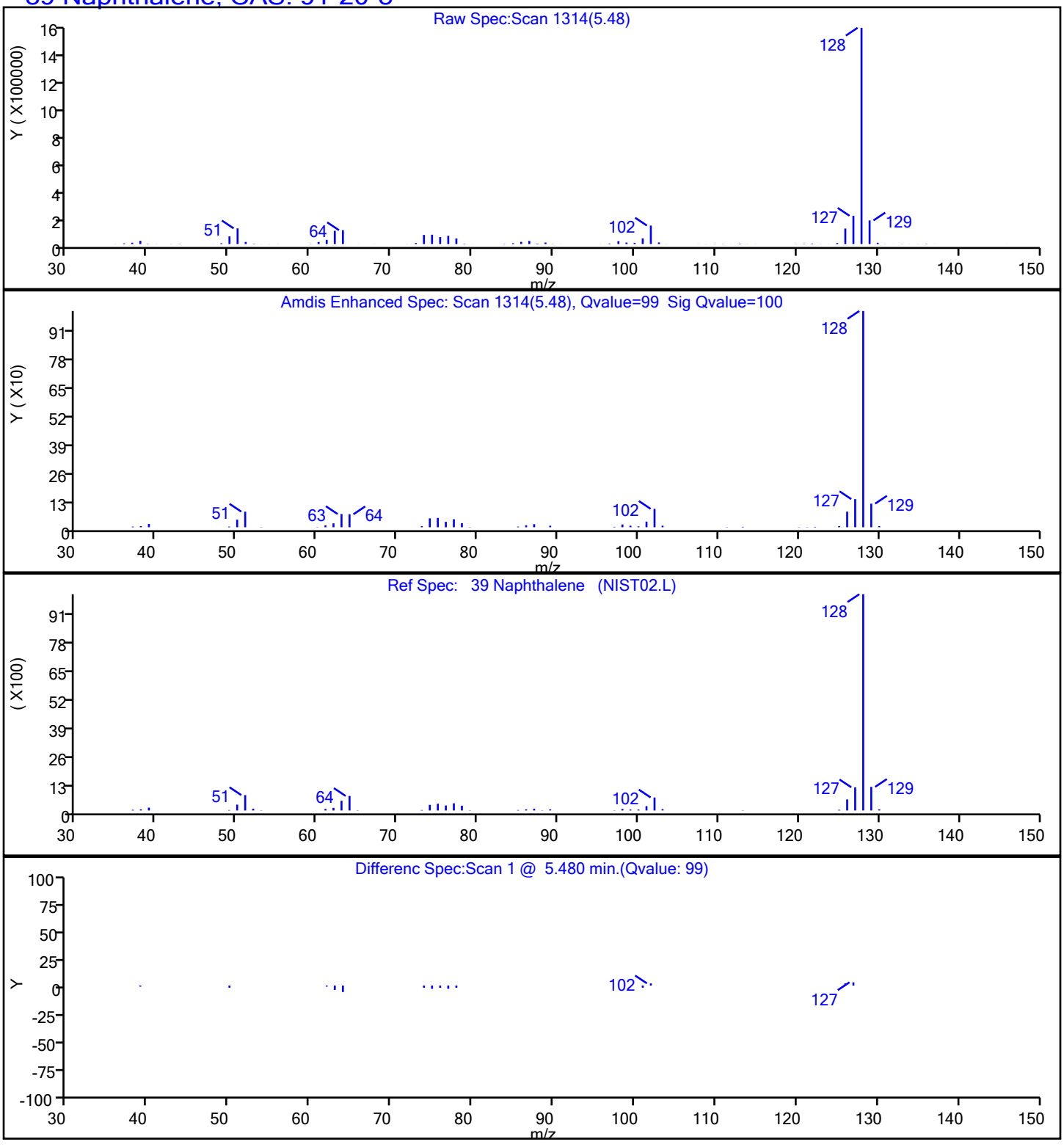
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

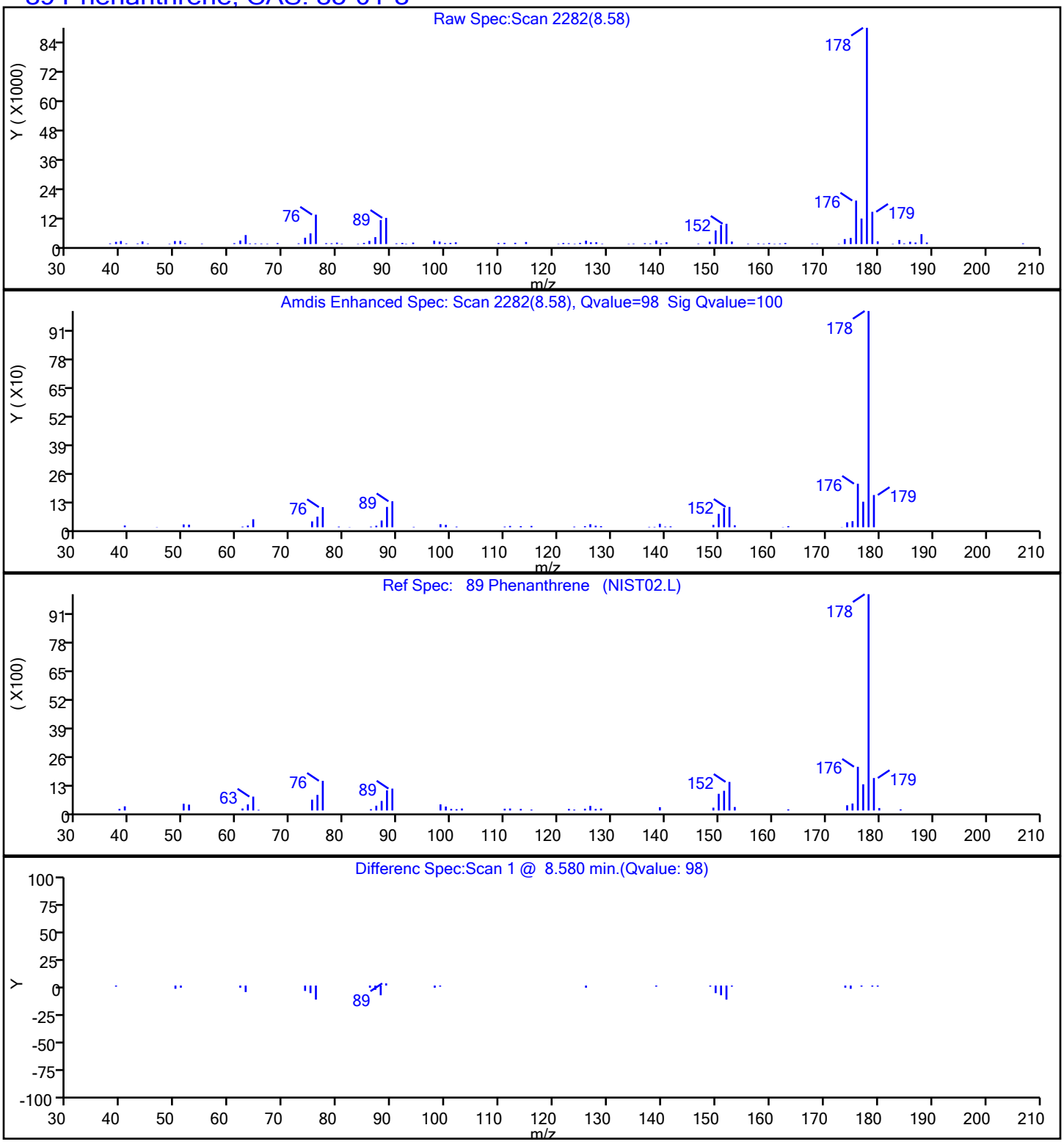
39 Naphthalene, CAS: 91-20-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D
Injection Date: 24-Jun-2023 03:35:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-7-A Lab Sample ID: 460-210122-7
Client ID: MW-46S-202306
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

89 Phenanthrene, CAS: 85-01-8



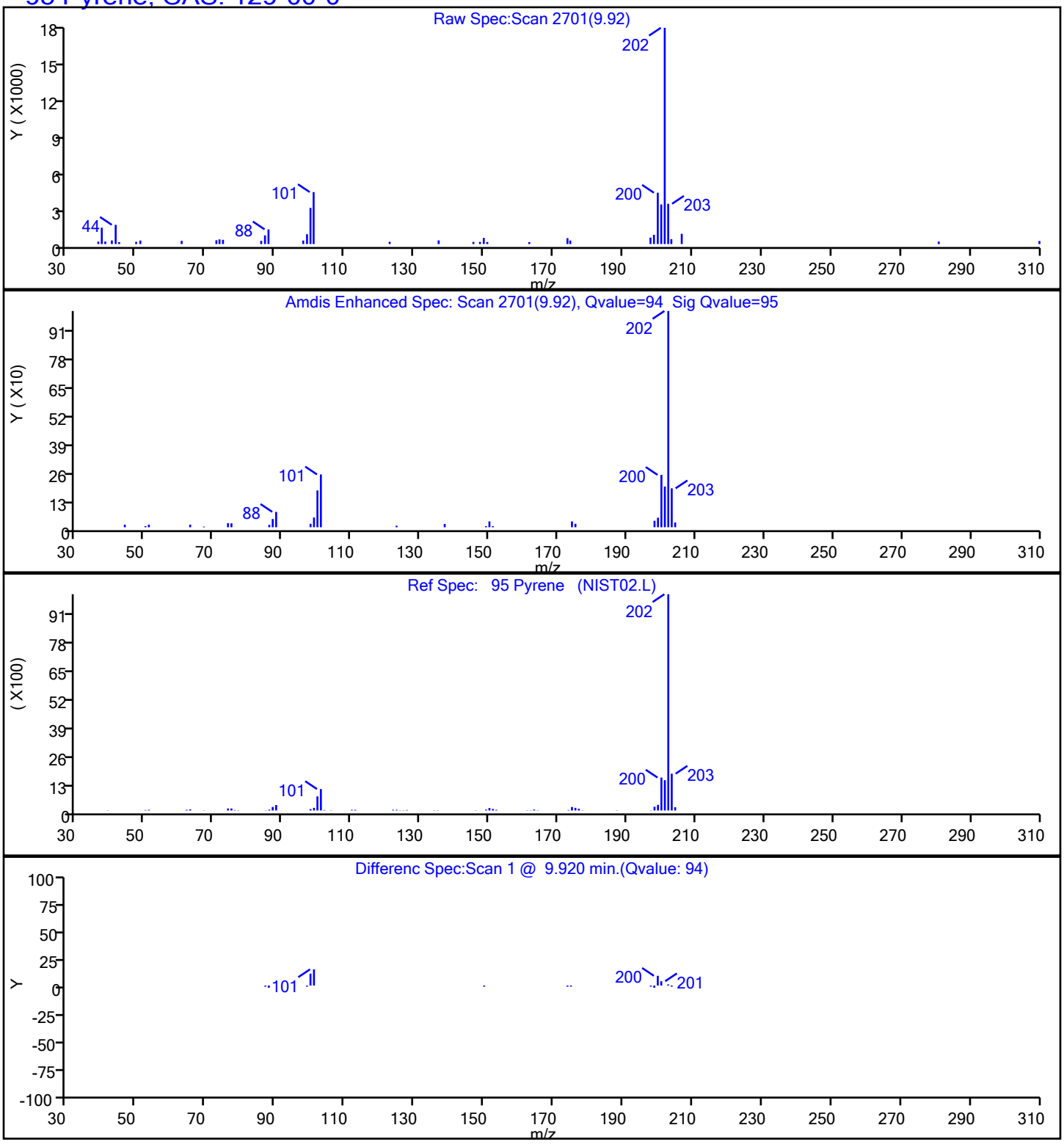
Report Date: 26-Jun-2023 10:38:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21047.D

Injection Date:	24-Jun-2023 03:35:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-48S-202306 | Lab Sample ID: 480-210122-8

Matrix: Water | Lab File ID: M21048.D

Analysis Method: 8270E | Date Collected: 06/19/2023 18:25

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 03:56

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	25		10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	1.9	J	10	0.91
91-20-3	Naphthalene	27		2.0	0.54
85-01-8	Phenanthrene	2.9	J	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	91		51-145
1718-51-0	Terphenyl-d14 (Surr)	102		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D
Lims ID: 480-210122-A-8-A
Client ID: MW-48S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 03:56:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-025
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	97	212389	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	86	344453	9.14	
* 38 Naphthalene-d8	136	5.461	5.469	-0.008	99	790443	8.00	
39 Naphthalene	128	5.484	5.488	-0.004	99	369299	3.33	
$ 53 2-Fluorobiphenyl	172	6.509	6.514	-0.005	97	594586	8.44	
62 Acenaphthylene	152	7.010	7.008	-0.006	98	8657	0.0837	7
* 64 Acenaphthene-d10	164	7.148	7.153	-0.005	97	389233	8.00	
66 Acenaphthene	154	7.176	7.182	-0.006	97	176147	3.11	
74 Fluorene	166	7.668	7.665	-0.006	94	16144	0.2401	
* 88 Phenanthrene-d10	188	8.557	8.563	-0.006	98	633349	8.00	
89 Phenanthrene	178	8.576	8.585	-0.009	98	31994	0.3680	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	510359	10.2	
* 103 Chrysene-d12	240	11.198	11.207	-0.009	98	399662	8.00	
* 110 Perylene-d12	264	13.133	13.143	-0.010	97	401068	8.00	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

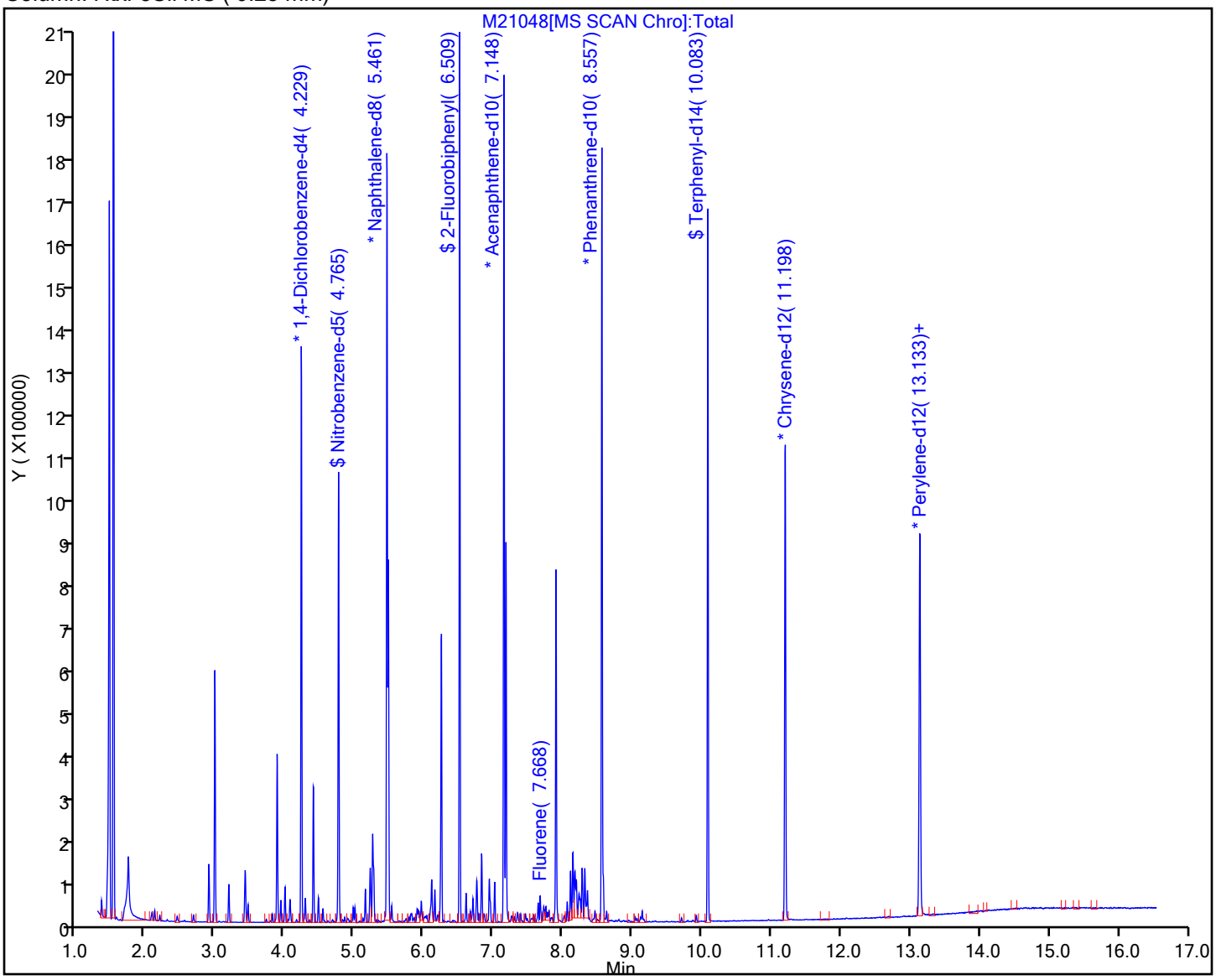
Report Date: 26-Jun-2023 10:39:14 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D

Injection Date:	24-Jun-2023 03:56:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-8-A	Lab Sample ID:	460-210122-8		
Client ID:	MW-48S-202306				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D
Lims ID: 480-210122-A-8-A
Client ID: MW-48S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 03:56:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-025
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

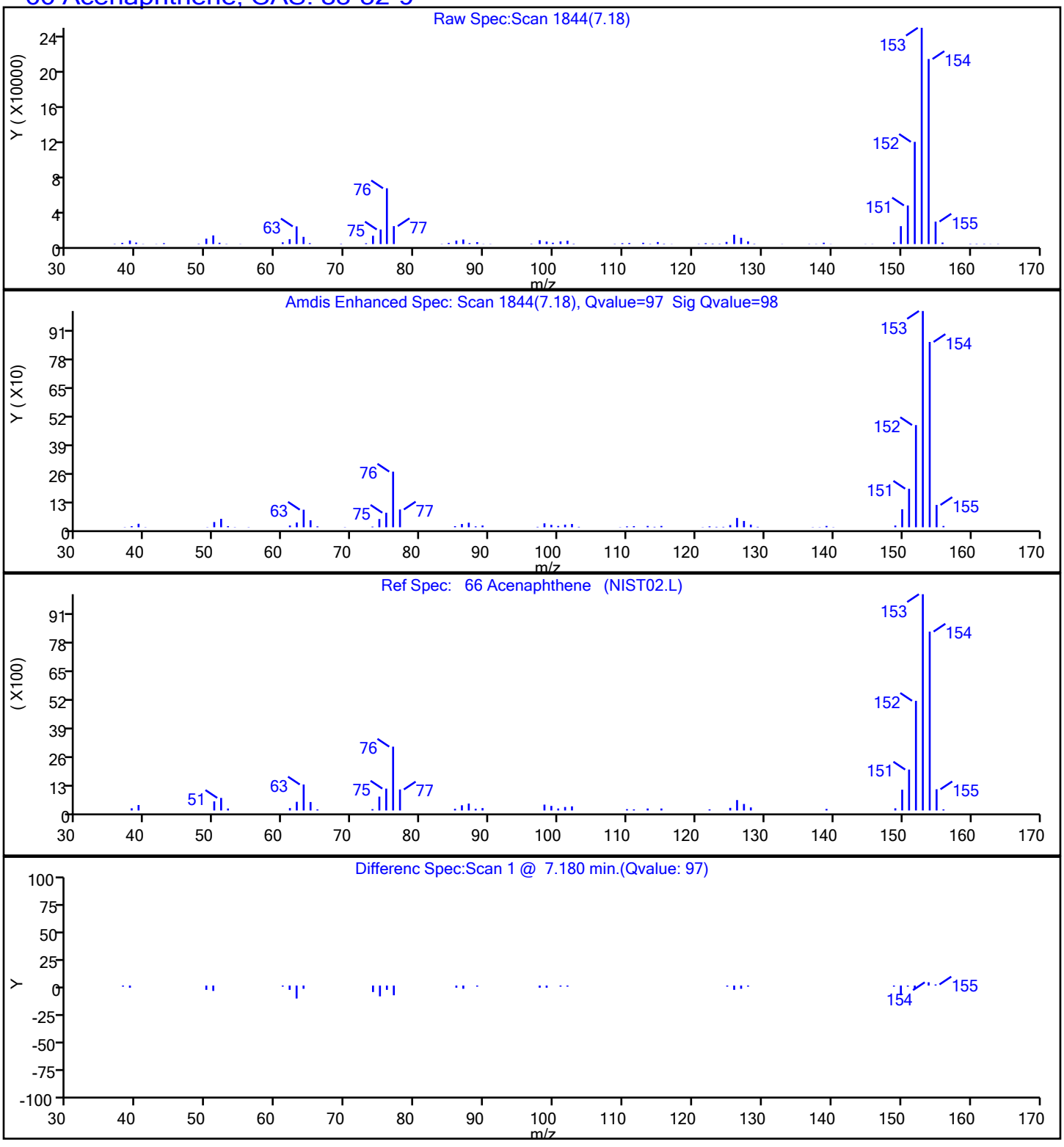
First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.14	91.44
$ 53 2-Fluorobiphenyl	10.0	8.44	84.37
$ 97 Terphenyl-d14	10.0	10.2	101.61

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D
Injection Date: 24-Jun-2023 03:56:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-A-8-A Lab Sample ID: 460-210122-8
Client ID: MW-48S-202306
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

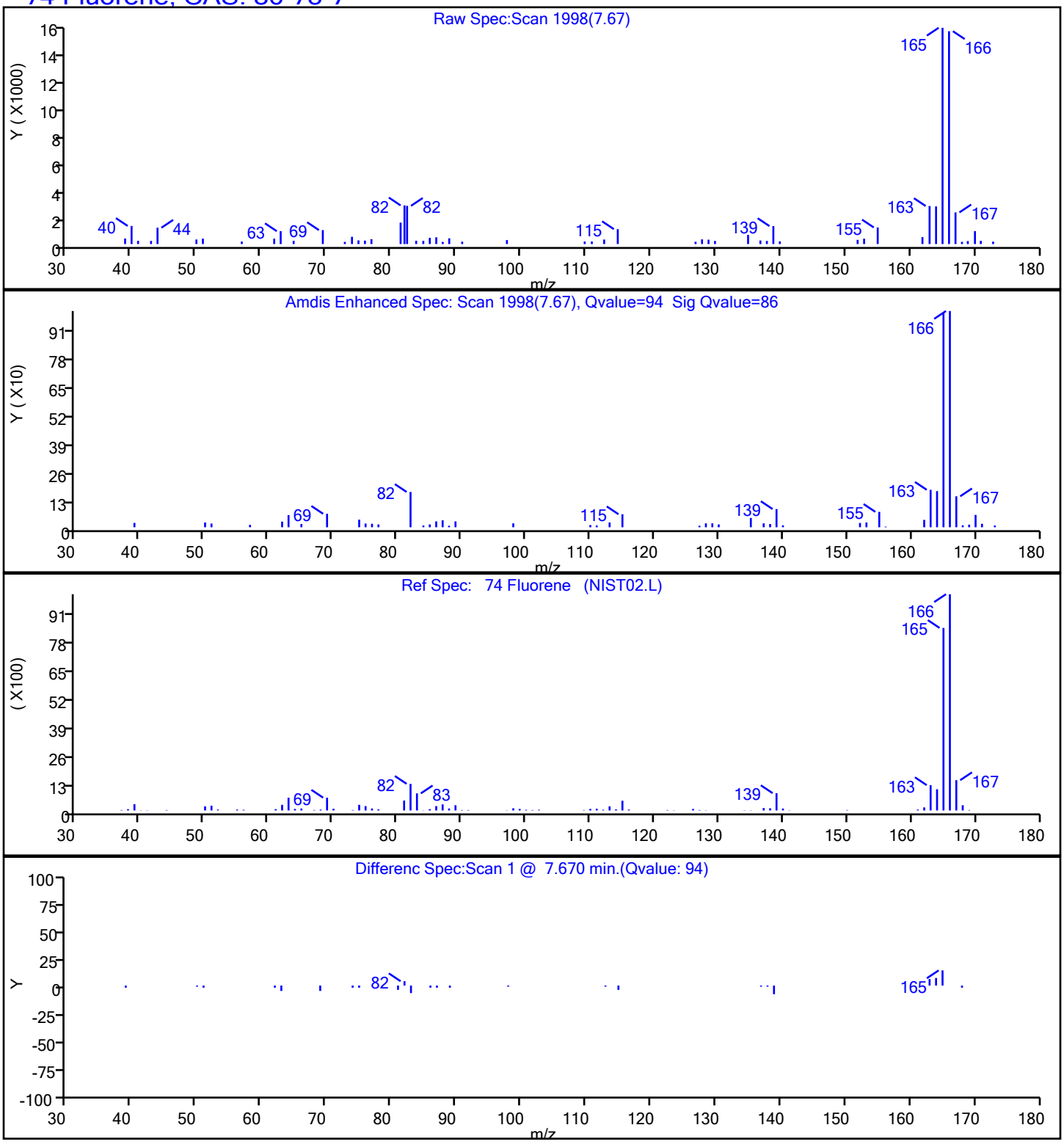
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D
Injection Date: 24-Jun-2023 03:56:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-A-8-A Lab Sample ID: 460-210122-8
Client ID: MW-48S-202306
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

74 Fluorene, CAS: 86-73-7

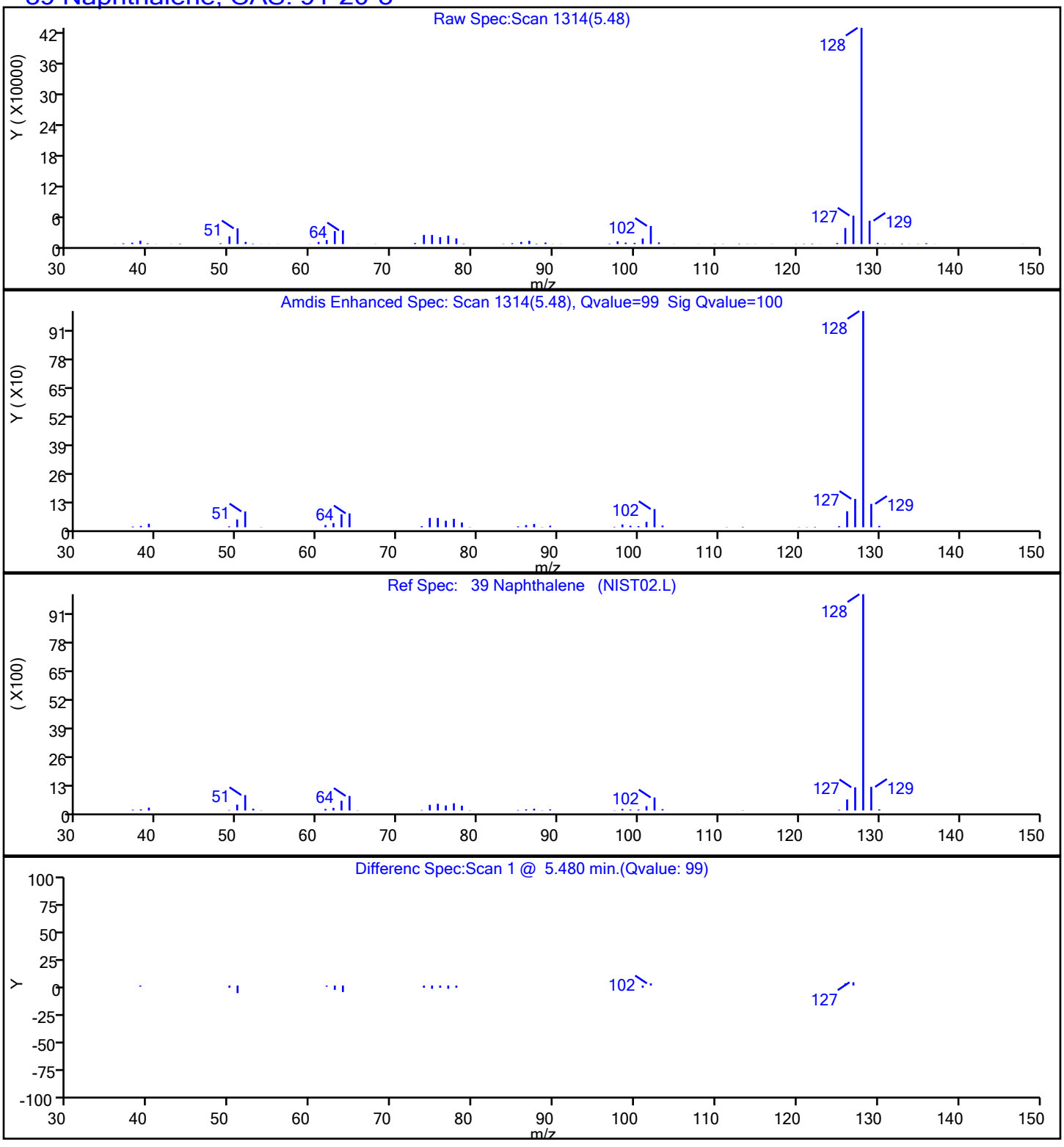


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D

Injection Date:	24-Jun-2023 03:56:30	Instrument ID:	CBNAMS17
Lims ID:	480-210122-A-8-A	Lab Sample ID:	460-210122-8
Client ID:	MW-48S-202306		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

39 Naphthalene, CAS: 91-20-3



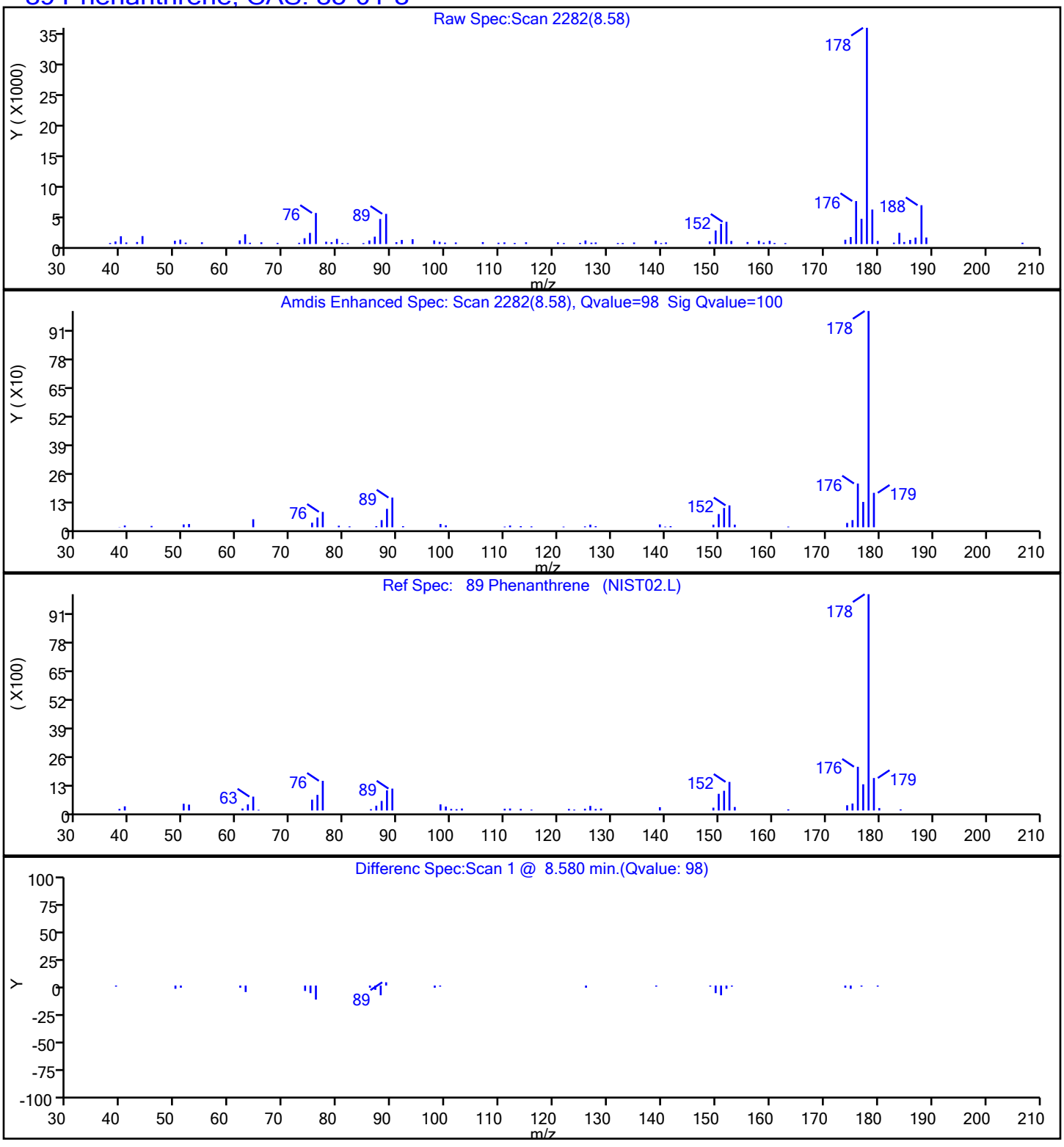
Report Date: 26-Jun-2023 10:39:14 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21048.D

Injection Date:	24-Jun-2023 03:56:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-A-8-A	Lab Sample ID:	460-210122-8		
Client ID:	MW-48S-202306				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: DUP-1 | Lab Sample ID: 480-210122-9

Matrix: Water | Lab File ID: M21049.D

Analysis Method: 8270E | Date Collected: 06/19/2023 00:00

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 04:17

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	48		10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	5.9	J	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	92		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	101		51-145
1718-51-0	Terphenyl-d14 (Surr)	110		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D
Lims ID: 480-210122-B-9-A
Client ID: DUP-1
Sample Type: Client
Inject. Date: 24-Jun-2023 04:17:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-026
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.232	4.233	-0.001	96	194168	8.00	
$ 28 Nitrobenzene-d5	82	4.765	4.773	-0.008	87	346205	10.1	
* 38 Naphthalene-d8	136	5.463	5.469	-0.006	99	718991	8.00	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	595178	9.23	
62 Acenaphthylene	152	7.008	7.008	-0.008	97	5718	0.0605	7
* 64 Acenaphthene-d10	164	7.146	7.153	-0.007	96	356004	8.00	
66 Acenaphthene	154	7.178	7.182	-0.004	98	312805	6.03	
74 Fluorene	166	7.666	7.665	-0.008	93	45657	0.7425	
* 88 Phenanthrene-d10	188	8.557	8.563	-0.006	99	586091	8.00	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	519950	11.0	
* 103 Chrysene-d12	240	11.197	11.207	-0.010	98	375121	8.00	
* 110 Perylene-d12	264	13.136	13.143	-0.007	98	364791	8.00	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

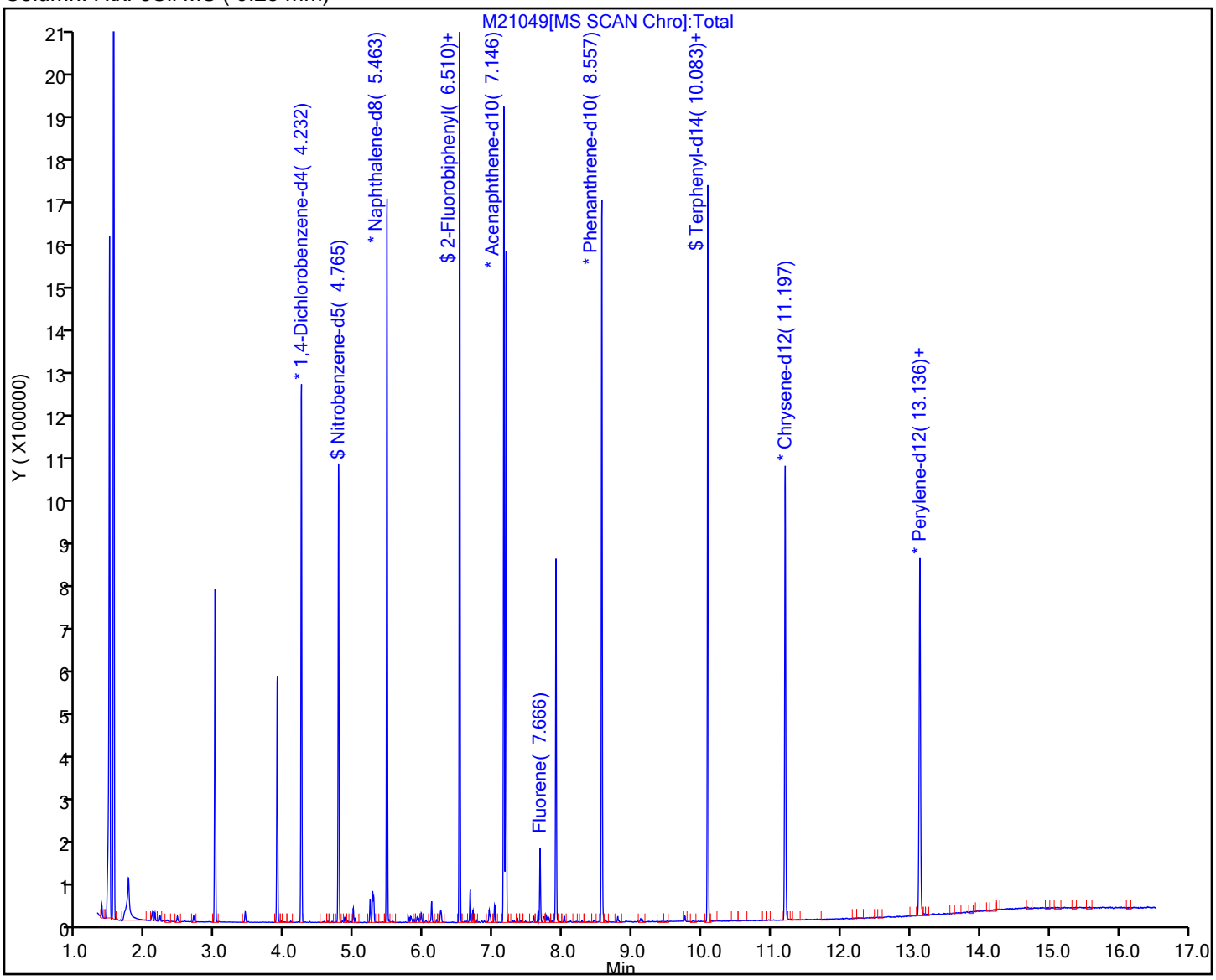
Report Date: 26-Jun-2023 10:39:28 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D

Injection Date:	24-Jun-2023 04:17:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-9-A	Lab Sample ID:	460-210122-9		
Client ID:	DUP-1				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D
Lims ID: 480-210122-B-9-A
Client ID: DUP-1
Sample Type: Client
Inject. Date: 24-Jun-2023 04:17:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-026
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

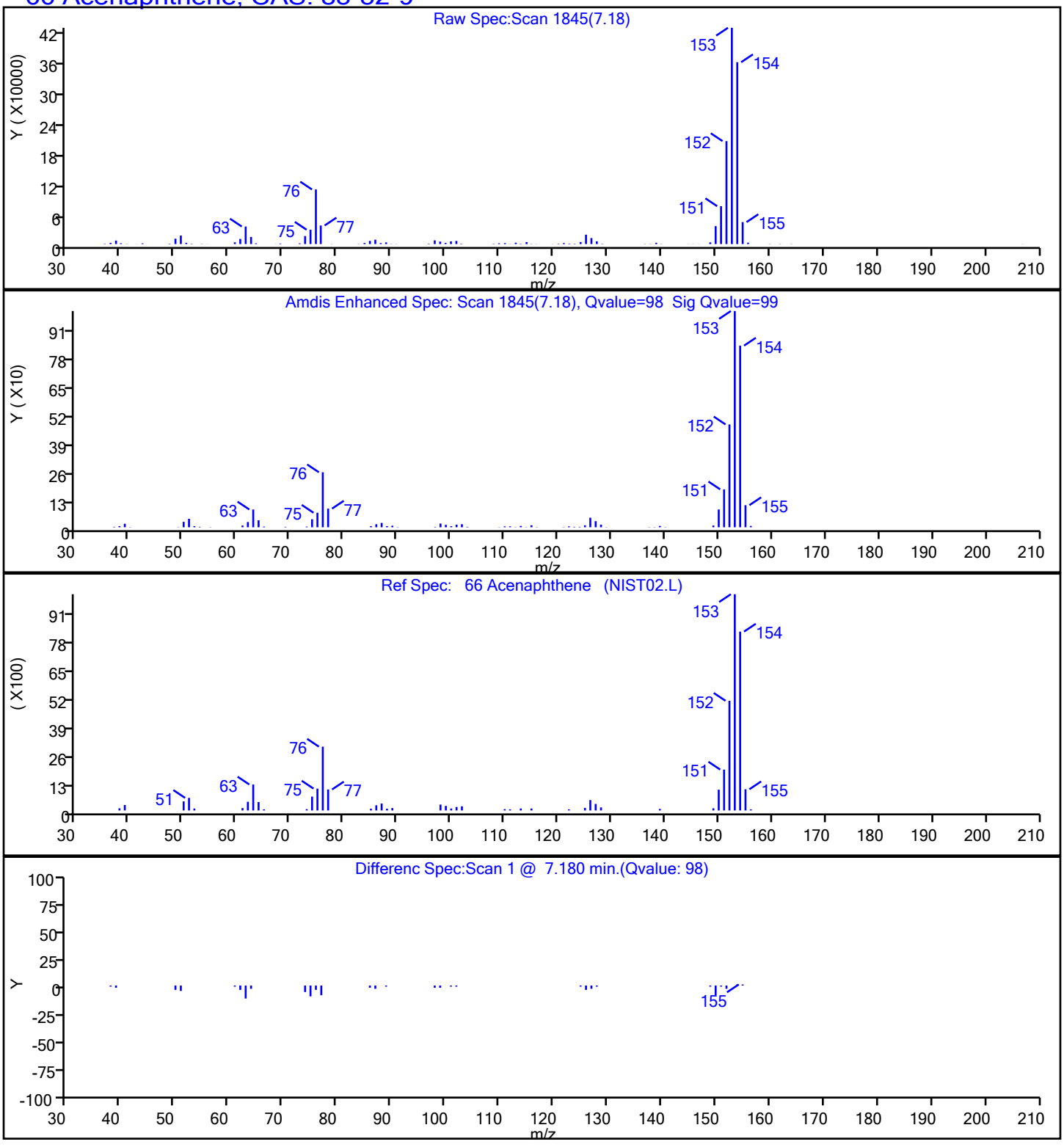
First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	10.1	101.04
$ 53 2-Fluorobiphenyl	10.0	9.23	92.34
$ 97 Terphenyl-d14	10.0	11.0	110.29

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D
Injection Date: 24-Jun-2023 04:17:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-9-A Lab Sample ID: 460-210122-9
Client ID: DUP-1
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

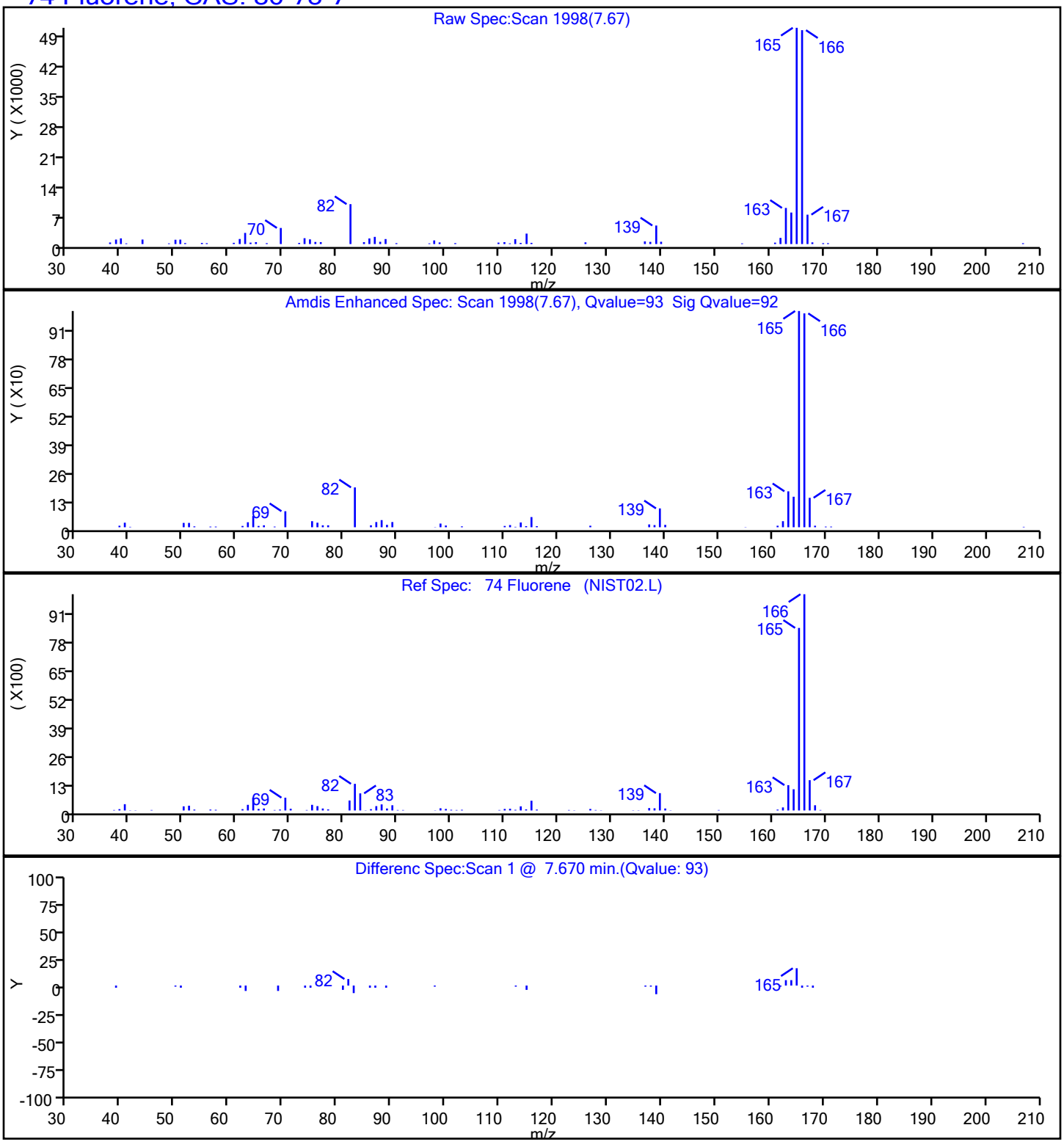
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D
Injection Date: 24-Jun-2023 04:17:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-9-A Lab Sample ID: 460-210122-9
Client ID: DUP-1
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

74 Fluorene, CAS: 86-73-7



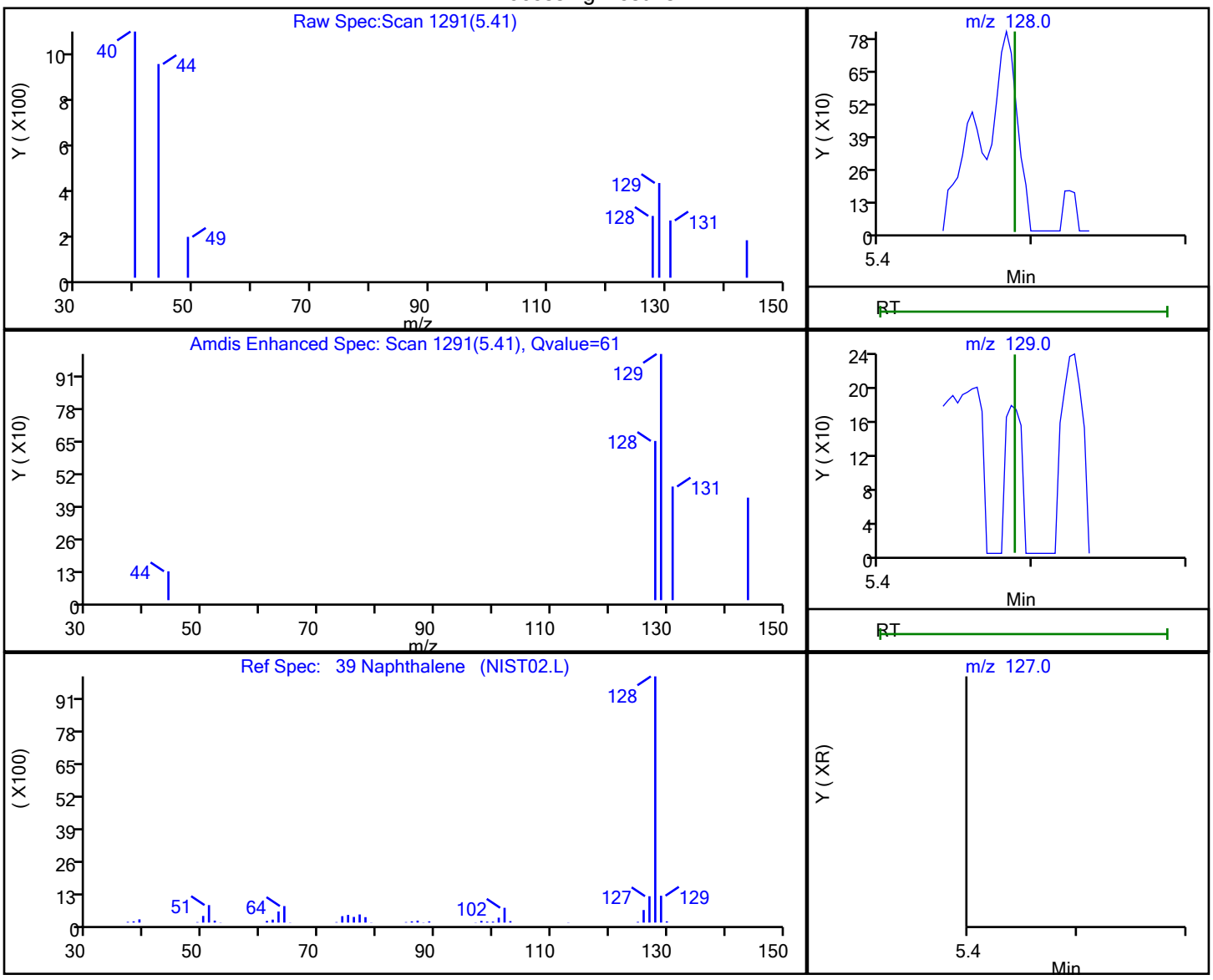
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21049.D				
Injection Date:	24-Jun-2023 04:17:30	Instrument ID:	CBNAMS17		
Lims ID:	480-210122-B-9-A	Lab Sample ID:	460-210122-9		
Client ID:	DUP-1				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.41	128.00	181	0.001792
5.41	129.00	368	
5.49	127.00	0	

Reviewer: U6BX, 24-Jun-2023 10:27:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-916383/10	M20873.D
Level 2	STD02 460-916383/9	M20871.D
Level 3	STD04 460-916383/8	M20869.D
Level 4	STD1 460-916383/7	M20867.D
Level 5	STD2 460-916383/6	M20865.D
Level 6	STD4 460-916383/5	M20863.D
Level 7	ICIS 460-916383/2	M20857.D
Level 8	STD16 460-916383/4	M20861.D
Level 9	STD24 460-916383/3	M20859.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.6947	0.5846	0.5759	0.9034 0.5531	0.7202	Ave		0.6720			0.0100	19.7		20.0			
N-Nitrosodimethylamine	0.9555	0.8752	0.9205	0.8683 0.8919	0.9238	Ave		0.9059			0.0100	3.7		20.0			
Pyridine	0.8846 1.5546	1.0089 1.4185	1.4744	1.3913 1.3491	1.5349	Ave		1.3270			0.0100	18.6		20.0			
Benzaldehyde	1.2743	1.0506 1.1399	1.1059 1.2245	1.2127 1.1033	1.2595	Ave		1.1713			0.0100	7.0		20.0			
Phenol	1.9647	1.7858	1.8830	1.8541 1.8482	1.9089	Ave		1.8741			0.8000	3.2		20.0			
Aniline	2.3163	2.0965	2.1977	2.1632 2.1044	2.2483	Ave		2.1877			0.0100	3.9		20.0			
Bis(2-chloroethyl)ether	1.3543 1.4360	1.3533 1.3129	1.3693	1.4453 1.3234	1.4426	Ave		1.3796			0.7000	3.9		20.0			
2-Chlorophenol	1.5495	1.4251	1.4908	1.4402 1.4319	1.5078	Ave		1.4742			0.8000	3.4		20.0			
n-Decane	1.2837	1.1189	1.2137	1.3120 1.1544	1.2712	Ave		1.2257			0.0100	6.3		20.0			
1,3-Dichlorobenzene	1.7093	1.5548	1.6013	1.7034 1.5239	1.6581	Ave		1.6251			0.0100	4.8		20.0			
1,4-Dichlorobenzene	1.7240	1.5538	1.6114	1.6670 1.5397	1.7162	Ave		1.6353			0.0100	4.9		20.0			
Benzyl alcohol	0.9601	0.8818	0.9328	0.8863 0.8989	0.9372	Ave		0.9162			0.0100	3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.6354	1.4579	1.5243	1.6198 1.4822	1.5845	Ave		1.5507			0.0100	4.7		20.0			
2-Methylphenol	1.3690	1.2483	1.3080	1.2860 1.2477	1.3559	Ave		1.3025			0.7000	4.0		20.0			
2,2'-oxybis[1-chloropropane]	1.7387	1.5154	1.6194	1.6474 1.5073	1.7111	Ave		1.6232			0.0100	6.0		20.0			
N-Methylaniline	1.5847 2.1998	1.8005 2.1018	2.1895	2.0339 2.1250	2.1372	Ave		2.0216			0.0100	10.7		20.0			
3 & 4 Methylphenol	1.5672	1.3839	1.4736	1.4405 1.3835	1.5068	Ave		1.4593			0.0100	4.9		20.0			
4-Methylphenol	1.5672	1.3839	1.4736	1.4405 1.3823	1.5068	Ave		1.4591			0.6000	4.9		20.0			
Acetophenone	2.1079	1.8535	1.9362	2.0395 1.8277	2.0558	Ave		1.9701			0.0100	5.8		20.0			
N-Nitrosodi-n-propylamine	0.9008 1.0156	0.8887 0.8848	0.9371	0.9573 0.8894	0.9863	Ave		0.9325			0.5000	5.4		20.0			
Hexachloroethane	0.6013 0.6680	0.6176 0.6029	0.6305	0.6294 0.5996	0.6429	Ave		0.6240			0.3000	3.8		20.0			
Nitrobenzene	0.5759 0.7307	0.6176 0.6505	0.6931	0.6757 0.6513	0.7072	Ave		0.6628			0.2000	7.6		20.0			
n,n'-Dimethylaniline	1.7680 2.1001	2.0379 1.9830	2.0641	2.0141 2.0073	2.0967	Ave		2.0089			0.0100	5.3		20.0			
Isophorone	0.7316	0.6309 0.6586	0.7034	0.6960 0.6791	0.7102	Ave		0.6871			0.4000	4.9		20.0			
2-Nitrophenol	0.1963	0.1771	0.1959	0.1774 0.1903	0.1873	Ave		0.1874			0.1000	4.6		20.0			
2,4-Dimethylphenol	0.3167	0.2909	0.3068	0.3061 0.3017	0.3144	Ave		0.3061			0.2000	3.0		20.0			
Benzoic acid	0.1835	0.1580	0.2212	0.1135 0.2131	0.1465	Lin1	-0.122	0.2124			0.0100	12.1					
Bis(2-chloroethoxy)methane	0.4740	0.4254	0.4588	0.4540 0.4373	0.4851	Ave		0.4558			0.3000	4.9		20.0			
2,4-Dichlorophenol	0.3204	0.2934	0.3101	0.3074 0.2981	0.3102	Ave		0.3066			0.2000	3.1		20.0			
1,2,4-Trichlorobenzene	0.3244 0.3495	0.3392 0.3248	0.3314	0.3491 0.3249	0.3509	Ave		0.3368			0.0100	3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.1134 1.1613	1.1250 1.0664	1.0996	1.1691 1.0713	1.1861	Ave		1.1240			0.7000	4.0		20.0			
4-Chloroaniline	0.4025 0.4969	0.4284 0.4482	0.4664	0.4752 0.4487	0.4892	Ave		0.4569			0.0100	6.9		20.0			
2,6-Dichlorophenol	0.3160	0.2904	0.3048	0.2980 0.2905	0.3151	Ave		0.3025				3.8		20.0			
Hexachlorobutadiene	0.1713 0.1774	0.1706 0.1655	0.1715	0.1759 0.1673	0.1764	Ave		0.1720			0.0100	2.5		20.0			
Caprolactam	0.0848	0.0329 0.0790	0.0557 0.0885	0.0765 0.0872	0.0768	Lin2	-0.011	0.0863			0.0100				0.9980		0.9900
4-Chloro-3-methylphenol	0.3116	0.2791	0.3027	0.2923 0.2891	0.3049	Ave		0.2966			0.2000	4.0		20.0			
2-Methylnaphthalene	0.7143	0.6676 0.6380	0.6614	0.6999 0.6368	0.7107	Ave		0.6755			0.4000	4.9		20.0			
1-Methylnaphthalene	0.6558	0.6259 0.5942	0.6192	0.6532 0.5932	0.6504	Ave		0.6274			0.0100	4.3		20.0			
Hexachlorocyclopentadiene	0.4431	0.4232	0.4283	0.4109 0.4244	0.4476	Ave		0.4296			0.0500	3.2		20.0			
1,2,4,5-Tetrachlorobenzene	0.6613	0.6296	0.6351	0.6319 0.6113	0.6508	Ave		0.6367			0.0100	2.7		20.0			
2-tertbutyl-4-methylphenol	0.3653	0.3411 0.3634	0.3793	0.3542 0.3760	0.3633	Ave		0.3632			0.0100	3.6		20.0			
2,4,6-Trichlorophenol	0.4210	0.3792 0.4097	0.4301	0.4144 0.4017	0.4267	Ave		0.4118			0.2000	4.2		20.0			
2,4,5-Trichlorophenol	0.4724	0.4338	0.4607	0.4253 0.4429	0.4589	Ave		0.4490			0.2000	4.0		20.0			
1,1'-Biphenyl	1.6950	1.5740	1.6245	1.6858 1.5733	1.7172	Ave		1.6450			0.0100	3.8		20.0			
2-Chloronaphthalene	1.3895	1.2932	1.2982	1.3614 1.2645	1.3821	Ave		1.3315			0.8000	4.0		20.0			
Phenyl ether	0.8622	0.8470	0.8660	0.8107 0.8455	0.8570	Ave		0.8481			0.0100	2.4		20.0			
2-Nitroaniline	0.4435	0.3939	0.4377	0.3826 0.4228	0.4126	Ave		0.4155			0.0100	5.8		20.0			
1,3-Dimethylnaphthalene	0.9605	0.9557	0.9777	0.9213 0.9679	0.9421	Ave		0.9542			0.0100	2.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.4819	1.3517	1.4039	1.4160 1.3321	1.4589	Ave		1.4074			0.0100	4.2		20.0			
Coumarin	0.2367	0.2279	0.2426	0.2233 0.2318	0.2396	Ave		0.2337			0.0100	3.1		20.0			
2,6-Dinitrotoluene	0.3225	0.2312 0.2933	0.3159	0.2647 0.3011	0.2989	Ave		0.2897			0.2000	10.9		20.0			
Acenaphthylene	2.2602	2.0599	2.1055	2.1409 1.9849	2.1988	Ave		2.1250			0.9000	4.6		20.0			
3-Nitroaniline	0.3844	0.3485	0.3817	0.3206 0.3650	0.3505	Ave		0.3584			0.0100	6.7		20.0			
Acenaphthene	1.2244	1.1095	1.1605	1.1697 1.1100	1.2175	Ave		1.1653			0.9000	4.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8688	0.8509	0.9137	0.8331 0.8789	0.8468	Ave		0.8654			0.0100	3.3		20.0			
2,4-Dinitrophenol	0.1662	0.1522	0.1923	0.1232 0.1869	0.1452	Ave		0.1610			0.0100	16.3		20.0			
4-Nitrophenol	0.2491	0.2128	0.2524	0.2087 0.2425	0.2330	Ave		0.2331			0.0100	8.0		20.0			
2,4-Dinitrotoluene	0.4128	0.2700 0.3787	0.4117	0.3368 0.3920	0.3865	Ave		0.3698			0.2000	13.7		20.0			
Dibenzofuran	1.8783	1.6990	1.7730	1.8058 1.6539	1.8864	Ave		1.7827			0.8000	5.3		20.0			
2,3,4,6-Tetrachlorophenol	0.3486	0.3185	0.3438	0.3080 0.3268	0.3369	Ave		0.3304			0.0100	4.7		20.0			
Diethyl phthalate	1.4669	1.3485	1.4068	1.4078 1.3410	1.4637	Ave		1.4058			0.0100	3.8		20.0			
n-Octadecane	0.5194	0.4656	0.5005	0.4787 0.4903	0.4949	Ave		0.4916			0.0100	3.8		20.0			
Fluorene	1.4598	1.3149	1.3653	1.4111 1.2726	1.4665	Ave		1.3817			0.9000	5.7		20.0			
4-Chlorophenyl phenyl ether	0.6383	0.6000	0.6187	0.6136 0.5922	0.6456	Ave		0.6181			0.4000	3.4		20.0			
4-Nitroaniline	0.3705	0.3505	0.3759	0.3114 0.3644	0.3484	Ave		0.3535			0.0100	6.6		20.0			
4,6-Dinitro-2-methylphenol	0.1234	0.1109	0.1318	0.0913 0.1323	0.1036	Ave		0.1155			0.0100	14.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
N-Nitrosodiphenylamine	0.5809	0.5474	0.5575	0.5363 0.5400	0.5634	Ave		0.5543			0.0100	3.0		20.0			
1,2-Diphenylhydrazine	0.9095	0.8040	0.8719	0.8125 0.8600	0.8791	Ave		0.8562			0.0100	4.7		20.0			
Azobenzene	0.9116	0.8047	0.8718	0.8125 0.8600	0.8834	Ave		0.8574				4.8		20.0			
4-Bromophenyl phenyl ether	0.2230	0.2048	0.2121	0.1969 0.2054	0.2142	Ave		0.2094			0.1000	4.3		20.0			
Hexachlorobenzene	0.2658 0.2926	0.2691 0.2712	0.2805	0.2866 0.2680	0.2854	Ave		0.2774			0.1000	3.7		20.0			
Atrazine	0.1855	0.1303 0.1810	0.1588 0.1927	0.1692 0.1904	0.1831	Ave		0.1739			0.0100	12.0		20.0			
Pentachlorophenol	0.1665	0.1551	0.1687	0.1419 0.1698	0.1575	Ave		0.1599			0.0500	6.7		20.0			
Pentachloronitrobenzene	0.0879	0.0882	0.0925	0.0734 0.0921	0.0844	Ave		0.0864			0.0100	8.2		20.0			
Phenanthrene	1.1516	1.0440	1.0890	1.1138 1.0446	1.1466	Ave		1.0983			0.7000	4.3		20.0			
Anthracene	1.1750	1.0871	1.1295	1.1228 1.0791	1.1685	Ave		1.1270			0.7000	3.5		20.0			
Carbazole	1.0849	0.9984	1.0257	1.0089 1.0052	1.0569	Ave		1.0300			0.0100	3.3		20.0			
Di-n-butyl phthalate	1.3413	1.2533	1.3333	1.1661 1.3026	1.2458	Ave		1.2737			0.0100	5.2		20.0			
Fluoranthene	1.1496	0.9950 1.0626	1.1000	1.1026 1.0610	1.1096	Ave		1.0829			0.6000	4.5		20.0			
Benzidine	0.6418	0.6131	0.6977	0.5729 0.7190	0.6120	Ave		0.6427			0.0100	8.7		20.0			
Pyrene	1.5036	1.3607 1.3997	1.3881	1.4197 1.3227	1.4997	Ave		1.4135			0.6000	4.8		20.0			
Bisphenol-A	0.4914	0.4687	0.5258	0.4060 0.5329	0.4450	Ave		0.4783				10.2		20.0			
Butyl benzyl phthalate	0.6633	0.6465	0.6826	0.5536 0.6816	0.6085	Ave		0.6393			0.0100	7.9		20.0			
2,3,7,8-TCDD		0.2450				Ave		0.2450			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbamazepine	0.4047	0.4787	0.5050	0.4994 0.5073	0.3556	Ave		0.4584			0.0100	13.8		20.0			
3,3'-Dichlorobenzidine	0.5088	0.4017 0.5238	0.5457	0.4625 0.5287	0.4660	Ave		0.4910			0.0100	10.3		20.0			
Benzo[a]anthracene	1.3193 1.3254	1.2407 1.2614	1.2814	1.2798 1.2666	1.3219	Ave		1.2871			0.8000	2.5		20.0			
Chrysene	1.2370	1.1501 1.1878	1.2093	1.2194 1.1858	1.2605	Ave		1.2071			0.7000	3.0		20.0			
Bis(2-ethylhexyl) phthalate	1.0222	0.7115 0.9976	1.0292	0.8273 1.0159	0.9129	Ave		0.9309			0.0100	13.1		20.0			
Di-n-octyl phthalate	1.5719	1.5540	1.6395	1.2541 1.6028	1.4163	Ave		1.5064			0.0100	9.6		20.0			
Benzo[b]fluoranthene	1.1107 1.2430	1.0972 1.1617	1.2177	1.1545 1.1316	1.2045	Ave		1.1651			0.7000	4.5		20.0			
Benzo[k]fluoranthene	1.2470 1.3453	1.1405 1.2288	1.2809	1.2092 1.1773	1.3092	Ave		1.2423			0.7000	5.5		20.0			
Benzo[a]pyrene	0.8911 1.1126	0.8908 1.0618	1.1278	1.0117 1.1151	1.0700	Ave		1.0351			0.7000	9.3		20.0			
Indeno[1,2,3-cd]pyrene	1.0373 1.1756	1.0952 1.1382	1.1879	1.1084 1.2389	1.1473	Ave		1.1411			0.5000	5.4		20.0			
Dibenz(a,h)anthracene	1.1682 1.2646	1.1669 1.2530	1.2401	1.2389 1.3057	1.2751	Ave		1.2390			0.4000	4.0		20.0			
Benzo[g,h,i]perylene	1.3177	1.2476	1.3166	1.2428 1.3317	1.2743	Ave		1.2885			0.5000	3.0		20.0			
2-Fluorophenol (Surr)	1.4195	1.2154 1.3715	1.4838	1.4050 1.4813	1.4190	Ave		1.3994			0.0100	6.5		20.0			
Phenol-d5 (Surr)	1.3779 1.7867	1.6097 1.7085	1.8359	1.7094 1.8454	1.7754	Ave		1.7061			0.0100	9.0		20.0			
Nitrobenzene-d5 (Surr)	0.3370 0.3930	0.3487 0.3698	0.4064	0.3888 0.4139	0.3923	Ave		0.3812			0.0100	7.1		20.0			
2-Fluorobiphenyl	1.3404 1.4835	1.4496 1.4095	1.4752	1.4329 1.5002	1.4962	Ave		1.4484			0.0100	3.7		20.0			
2,4,6-Tribromophenol (Surr)	0.2516	0.1829 0.2344	0.2615	0.2311 0.2623	0.2461	Ave		0.2386			0.0100	11.5		20.0			
Terphenyl-d14 (Surr)	0.9050 1.0405	0.9513 1.0313	1.0353	0.9965 1.0403	1.0433	Ave		1.0054			0.0100	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-916383/10	M20873.D
Level 2	STD02 460-916383/9	M20871.D
Level 3	STD04 460-916383/8	M20869.D
Level 4	STD1 460-916383/7	M20867.D
Level 5	STD2 460-916383/6	M20865.D
Level 6	STD4 460-916383/5	M20863.D
Level 7	ICIS 460-916383/2	M20857.D
Level 8	STD16 460-916383/4	M20861.D
Level 9	STD24 460-916383/3	M20859.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	44436	103898	145688	14700 210024	23424	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd 4	Ave	61116	155558	232849	14129 338675	30043	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd 4	Ave	2848 198879	6893 504220	745976	45279 1024565	99836	0.200 8.00	0.400 20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd 4	Ave	65209	3589 81036	7651 92931	19733 111717	40963	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Phenol	DCBd 4	Ave	125673	317398	476352	30171 701779	62082	4.00	10.0	16.0	1.00 24.0	2.00
Aniline	DCBd 4	Ave	148164	372608	555953	35201 799079	73119	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	2180 91853	4623 233348	346401	23518 502511	46917	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd 4	Ave	99113	253283	377135	23436 543713	49038	4.00	10.0	16.0	1.00 24.0	2.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	82112	198864	307037	21350 438343	41344	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	109335	276328	405085	27719 578646	53924	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	110276	276157	407633	27126 584640	55815	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	61411	156725	235983	14422 341340	30481	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	104606	259112	385603	26359 562808	51531	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	87568	221865	330896	20927 473778	44096	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	111214	269339	409655	26807 572357	55649	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	2551 140712	6151 373554	553883	33096 806890	69506	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	100245	245965	372790	23440 525329	49006	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	100245	245965	372790	23440 524890	49006	4.00	10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	134829	329433	489812	33188 693993	66861	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1450 64961	3036 157259	237057	15578 337724	32077	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

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
Hexachloroethane	DCBd 4	Ave	968 42728	2110 107158	 159494	10242 227696	20910	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	927 46742	2110 115622	 175325	10996 247302	22999	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	2846 134335	6962 352437	 522151	32774 762186	68190	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	 170496	7654 418953	 634093	40522 906240	83431	 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	 45742	 112662	 176631	10326 253965	22003	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	 73819	 185053	 276607	17824 402532	36937	 4.00	 10.0	 16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin1	 42767	 100491	 199427	6608 284318	17213	 4.00	 10.0	 16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	 110467	 270621	 413644	26434 583477	56984	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	 74681	 186658	 279561	17898 397817	36437	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	1807 81463	4115 206652	 298791	20327 433560	41222	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	6201 270651	13649 678429	 991292	68067 1429575	139342	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	2242 115796	5197 285131	 420464	27665 598740	57470	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	 73640	 184716	 274799	17351 387688	37012	 4.00	 10.0	 16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	954 41337	2070 105279	 154580	10242 223244	20725	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Caprolactam	NPT	Lin2	 15815	399 20100	1387 23926	4453 31031	9020	 3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
4-Chloro-3-methylphenol	NPT	Ave	 72617	 177564	 272926	17018 385746	35816	 4.00	 10.0	 16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave		8099		40750	83495		0.200		1.00	2.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			166468	405897	596255	849714		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave	152839	7593 377995	558216	38030 791595	76409	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	49877	127379	186156	11854 269932	25780	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	74442	189489	276038	18231 388882	37486	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	85134	4138 231168	341932	20620 501761	42683	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	47390	2250 123297	186959	11954 255546	24581	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	53174	130559	200248	12269 281717	26433	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	190808	473702	706099	48634 1000781	98915	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	156414	389185	564265	39274 804375	79611	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	97058	254899	376402	23387 537822	49367	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	49923	118542	190241	11039 268950	23767	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	108121	287619	424976	26580 615673	54264	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	166818	406803	610204	40851 847375	84035	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	55170	144974	218704	13000 309351	28147	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	36305	1372 88281	137306	7636 191558	17217	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	254423	619924	915182	61764 1262631	126654	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	43266	104897	165912	9248 232160	20190	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	137827	333899	504404	33746 706073	70128	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				24034	48778				1.00	2.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			97796	256085	397166	559045		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Ave	37418	91607	167162	7108 237751	16728	8.00	20.0	32.0	2.00 48.0	4.00
4-Nitrophenol	ANT	Ave	56071	128095	219391	12039 308548	26846	8.00	20.0	32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	46471	1602 113971	178947	9716 249362	22261	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	211433	511311	770663	52097 1052065	108660	4.00	10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	39240	95843	149443	8886 207888	19406	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	165125	405837	611492	40615 852990	84314	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave	99825	237631	371064	23817 522754	49476	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	164327	395731	593449	40710 809497	84475	4.00	10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	71847	180578	268923	17702 376691	37186	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	41706	105474	163381	8985 231828	20070	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	47450	113226	195470	9080 282042	20709	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	111650	279410	413305	26680 575769	56329	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	174814	410352	646328	40423 916981	87890	4.00	10.0	16.0	1.00 24.0	2.00
Azobenzene	PHN	Ave	175216	410726	646282	40423 916981	88323	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	42862	104505	157202	9796 218994	21417	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	1286 56246	2799 138393	207974	14259 285716	28534	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	28526	1355 36958	3341 42847	8418 54130	18308	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Ave				14116	31487				2.00	4.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			64024	158303	250115	362197		8.00	20.0	32.0	48.0	
Pentachloronitrobenzene	PHN	Ave				3651	8441				1.00	2.00
			16902	45027	68591	98188		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave				55411	114631				1.00	2.00
			221346	532860	807274	1113792		4.00	10.0	16.0	24.0	
Anthracene	PHN	Ave				55857	116820				1.00	2.00
			225845	554828	837339	1150580		4.00	10.0	16.0	24.0	
Carbazole	PHN	Ave				50190	105667				1.00	2.00
			208530	509556	760347	1071790		4.00	10.0	16.0	24.0	
Di-n-butyl phthalate	PHN	Ave				58014	124547				1.00	2.00
			257805	639684	988428	1388899		4.00	10.0	16.0	24.0	
Fluoranthene	PHN	Ave		10349		54855	110930		0.200		1.00	2.00
			220973	542354	815424	1131292		4.00	10.0	16.0	24.0	
Benzidine	PHN	Ave				28501	61182				1.00	2.00
			123358	312912	517236	766577		4.00	10.0	16.0	24.0	
Pyrene	CRY	Ave		10685		55821	115977		0.200		1.00	2.00
			231624	567310	841533	1183888		4.00	10.0	16.0	24.0	
Bisphenol-A	CRY	Ave				15963	34414				1.00	2.00
			75702	189984	318767	476988		4.00	10.0	16.0	24.0	
Butyl benzyl phthalate	CRY	Ave				21765	47055				1.00	2.00
			102177	262054	413799	610128		4.00	10.0	16.0	24.0	
2,3,7,8-TCDD	CRY	Ave										
				993					0.100			
Carbamazepine	CRY	Ave				19635	27500				1.00	2.00
			62341	194036	306171	454034		4.00	10.0	16.0	24.0	
3,3'-Dichlorobenzidine	CRY	Ave		3154		18185	36041		0.200		1.00	2.00
			78379	212303	330849	473219		4.00	10.0	16.0	24.0	
Benzo[a]anthracene	CRY	Ave	4993	9743		50318	102231	0.100	0.200		1.00	2.00
			204173	511259	776836	1133668		4.00	10.0	16.0	24.0	
Chrysene	CRY	Ave		9031		47946	97483		0.200		1.00	2.00
			190550	481431	733107	1061383		4.00	10.0	16.0	24.0	
Bis(2-ethylhexyl) phthalate	CRY	Ave		5587		32529	70598		0.200		1.00	2.00
			157470	404333	623956	909314		4.00	10.0	16.0	24.0	
Di-n-octyl phthalate	PRY	Ave				55363	118262				1.00	2.00
			263863	707551	1102436	1588999		4.00	10.0	16.0	24.0	
Benzo[b]fluoranthene	PRY	Ave	4566	9707		50965	100573	0.100	0.200		1.00	2.00

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

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
			208644	528933	818829	1121815		4.00	10.0	16.0	24.0	
Benzo[k]fluoranthene	PRY	Ave	5126 225828	10090 559491	861333	53379 1167190	109319	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	3663 186766	7881 483440	758409	44661 1105501	89345	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	4264 197336	9689 518209	798806	48929 1228215	95802	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	4802 212276	10323 570482	833907	54689 1294419	106467	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	221194	568015	885369	54865 1320259	106402	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	90799	4152 243766	375352	22863 562466	46151	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	2218 114286	5499 303650	464428	27816 700724	57740	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	1877 91582	4230 235274	366385	22637 552359	46089	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	3713 166993	8601 424184	641221	41337 954254	86186	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	28323	1085 70537	113659	6668 166858	14177	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	3425 160280	7470 417994	627635	39179 931141	80682	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 916383

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/20/2023 06:42 Calibration End Date: 06/20/2023 12:43 Calibration ID: 93497

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-916383/10	M20873.D
Level 2	STD02 460-916383/9	M20871.D
Level 3	STD04 460-916383/8	M20869.D
Level 4	STD1 460-916383/7	M20867.D
Level 5	STD2 460-916383/6	M20865.D
Level 6	STD4 460-916383/5	M20863.D
Level 7	ICIS 460-916383/2	M20857.D
Level 8	STD16 460-916383/4	M20861.D
Level 9	STD24 460-916383/3	M20859.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Benzoic acid				10.9						30		
Caprolactam		1.8						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20857.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 20-Jun-2023 06:42:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:50:59 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 13:48:54

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.702	1.702	0.000	92	103898	10.0	8.70	
	2 N-Nitrosodimethylamine	74	1.900	1.900	0.000	98	155558	10.0	9.66	
	3 Pyridine	79	1.941	1.941	0.000	97	504220	20.0	21.4	
$	4 2-Fluorophenol	112	2.973	2.973	0.000	97	243766	10.0	9.80	
	5 Benzaldehyde	77	3.810	3.810	0.000	98	81036	4.00	3.89	
$	6 Phenol-d5	99	3.867	3.867	0.000	0	303650	10.0	10.0	
	7 Phenol	94	3.880	3.880	0.000	97	317398	10.0	9.53	
	8 Aniline	93	3.915	3.915	0.000	98	372608	10.0	9.58	
	9 Bis(2-chloroethyl)ether	93	3.976	3.976	0.000	96	233348	10.0	9.52	
	10 Benzonitrile	103	3.995	3.995	0.000	97	477245	NC	NC	
	11 2-Chlorophenol	128	4.027	4.027	0.000	98	253283	10.0	9.67	
	13 n-Decane	43	4.085	4.085	0.000	89	198864	10.0	9.13	
	14 1,3-Dichlorobenzene	146	4.181	4.181	0.000	97	276328	10.0	9.57	
*	15 1,4-Dichlorobenzene-d4	152	4.235	4.235	0.000	95	142185	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.251	4.251	0.000	95	276157	10.0	9.50	
	17 Benzyl alcohol	108	4.366	4.366	0.000	95	156725	10.0	9.62	
	19 1,2-Dichlorobenzene	146	4.398	4.398	0.000	96	259112	10.0	9.40	
	20 2-Methylphenol	108	4.475	4.475	0.000	91	221865	10.0	9.58	
	21 2,2'-oxybis[1-chloropropane]	45	4.503	4.503	0.000	96	269339	10.0	9.34	
	24 N-Methylaniline	106	4.618	4.618	0.000	99	373554	10.0	10.4	
	26 Acetophenone	105	4.628	4.628	0.000	91	329433	10.0	9.41	
	22 4-Methylphenol	108	4.628	4.628	0.000	79	245965	10.0	9.48	
	23 3 & 4 Methylphenol	108	4.628	4.628	0.000	0	245965	10.0	9.48	
	25 N-Nitrosodi-n-propylamine	70	4.631	4.631	0.000	83	157259	10.0	9.49	
	27 Hexachloroethane	117	4.724	4.724	0.000	96	107158	10.0	9.66	
$	28 Nitrobenzene-d5	82	4.769	4.769	0.000	85	235274	10.0	9.70	
	29 Nitrobenzene	123	4.788	4.788	0.000	99	115622	10.0	9.82	
	30 n,n'-Dimethylaniline	120	4.794	4.794	0.000	92	352437	10.0	9.87	
	31 Isophorone	82	5.024	5.024	0.000	99	418953	10.0	9.58	
	32 2-Nitrophenol	139	5.098	5.098	0.000	96	112662	10.0	9.45	
	33 2,4-Dimethylphenol	122	5.146	5.146	0.000	92	185053	10.0	9.50	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.229	5.229	0.000	87	100491	10.0	8.01	M
35 Bis(2-chloroethoxy)methane	93	5.242	5.242	0.000	98	270621	10.0	9.33	
36 2,4-Dichlorophenol	162	5.328	5.328	0.000	97	186658	10.0	9.57	
37 1,2,4-Trichlorobenzene	180	5.414	5.414	0.000	95	206652	10.0	9.65	
* 38 Naphthalene-d8	136	5.465	5.465	0.000	99	508929	8.00	8.00	
39 Naphthalene	128	5.488	5.488	0.000	99	678429	10.0	9.49	
40 4-Chloroaniline	127	5.542	5.542	0.000	98	285131	10.0	9.81	
41 2,6-Dichlorophenol	162	5.549	5.549	0.000	98	184716	10.0	9.60	
42 Hexachlorobutadiene	225	5.613	5.613	0.000	96	105279	10.0	9.62	
44 Caprolactam	113	5.871	5.871	0.000	91	20100	4.00	3.79	
45 4-Chloro-3-methylphenol	107	6.015	6.015	0.000	95	177564	10.0	9.41	
46 2-Methylnaphthalene	142	6.156	6.156	0.000	84	405897	10.0	9.45	
47 1-Methylnaphthalene	142	6.248	6.248	0.000	92	377995	10.0	9.47	
48 Hexachlorocyclopentadiene	237	6.309	6.309	0.000	97	127379	10.0	9.85	
49 1,2,4,5-Tetrachlorobenzene	216	6.316	6.316	0.000	97	189489	10.0	9.89	
50 2-tertbutyl-4-methylphenol	149	6.357	6.357	0.000	90	231168	10.0	10.0	
51 2,4,6-Trichlorophenol	196	6.428	6.428	0.000	90	123297	10.0	9.95	
52 2,4,5-Trichlorophenol	196	6.456	6.456	0.000	98	130559	10.0	9.66	
$ 53 2-Fluorobiphenyl	172	6.514	6.514	0.000	97	424184	10.0	9.73	
54 1,1'-Biphenyl	154	6.607	6.607	0.000	96	473702	10.0	9.57	
55 2-Chloronaphthalene	162	6.620	6.620	0.000	98	389185	10.0	9.71	
56 Phenyl ether	170	6.709	6.709	0.000	89	254899	10.0	9.99	
57 2-Nitroaniline	65	6.719	6.719	0.000	97	118542	10.0	9.48	
58 1,3-Dimethylnaphthalene	156	6.834	6.834	0.000	90	287619	10.0	10.0	
59 Dimethyl phthalate	163	6.907	6.907	0.000	99	406803	10.0	9.60	
60 Coumarin	146	6.917	6.917	0.000	82	144974	10.0	9.75	
61 2,6-Dinitrotoluene	165	6.959	6.959	0.000	96	88281	10.0	10.1	
62 Acenaphthylene	152	7.016	7.016	0.000	97	619924	10.0	9.69	
63 3-Nitroaniline	138	7.112	7.112	0.000	97	104897	10.0	9.72	
* 64 Acenaphthene-d10	164	7.150	7.150	0.000	96	240764	8.00	8.00	
66 Acenaphthene	154	7.182	7.182	0.000	97	333899	10.0	9.52	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.186	7.186	0.000	98	256085	10.0	9.83	
67 2,4-Dinitrophenol	184	7.211	7.211	0.000	97	91607	20.0	18.9	a
68 4-Nitrophenol	65	7.275	7.275	0.000	88	128095	20.0	18.3	
69 2,4-Dinitrotoluene	165	7.336	7.336	0.000	94	113971	10.0	10.2	
70 Dibenzofuran	168	7.346	7.346	0.000	97	511311	10.0	9.53	
71 2,3,4,6-Tetrachlorophenol	232	7.464	7.464	0.000	94	95843	10.0	9.64	
72 Diethyl phthalate	149	7.585	7.585	0.000	98	405837	10.0	9.59	
73 n-Octadecane	57	7.611	7.611	0.000	90	237631	10.0	9.47	
74 Fluorene	166	7.672	7.672	0.000	95	395731	10.0	9.52	
75 4-Chlorophenyl phenyl ether	204	7.681	7.681	0.000	93	180578	10.0	9.71	
76 4-Nitroaniline	138	7.691	7.691	0.000	91	105474	10.0	9.91	
77 4,6-Dinitro-2-methylphenol	198	7.723	7.723	0.000	86	113226	20.0	19.2	
78 N-Nitrosodiphenylamine	169	7.790	7.790	0.000	69	279410	10.0	9.88	
79 1,2-Diphenylhydrazine	77	7.829	7.829	0.000	50	410352	10.0	9.39	
131 Azobenzene	77	7.829	7.829	0.000	96	410726	10.0	9.39	
$ 80 2,4,6-Tribromophenol	330	7.899	7.899	0.000	92	70537	10.0	9.82	
83 4-Bromophenyl phenyl ether	248	8.142	8.142	0.000	91	104505	10.0	9.78	
84 Hexachlorobenzene	284	8.193	8.193	0.000	97	138393	10.0	9.77	
85 Atrazine	200	8.308	8.308	0.000	92	36958	4.00	4.16	
86 Pentachlorophenol	266	8.379	8.379	0.000	95	158303	20.0	19.4	
87 Pentachloronitrobenzene	237	8.395	8.395	0.000	89	45027	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.558	8.558	0.000	99	408311	8.00	8.00	
89 Phenanthrene	178	8.580	8.580	0.000	98	532860	10.0	9.51	
90 Anthracene	178	8.628	8.628	0.000	97	554828	10.0	9.65	
91 Carbazole	167	8.785	8.785	0.000	96	509556	10.0	9.69	
92 Di-n-butyl phthalate	149	9.143	9.143	0.000	99	639684	10.0	9.84	
93 Fluoranthene	202	9.709	9.709	0.000	96	542354	10.0	9.81	
94 Benzidine	184	9.847	9.847	0.000	100	312912	10.0	9.54	
95 Pyrene	202	9.920	9.920	0.000	96	567310	10.0	9.90	
96 Bisphenol-A	213	9.984	9.984	0.000	97	189984	10.0	9.80	
$ 97 Terphenyl-d14	244	10.084	10.084	0.000	97	417994	10.0	10.3	
98 Butyl benzyl phthalate	149	10.595	10.595	0.000	96	262054	10.0	10.1	
99 2,3,7,8-TCDD	320	10.666	10.666	0.000	91	993	0.1000	0.1000	
100 Carbamazepine	193	10.692	10.692	0.000	93	194036	10.0	10.4	
101 3,3'-Dichlorobenzidine	252	11.175	11.175	0.000	99	212303	10.0	10.7	
102 Benzo[a]anthracene	228	11.191	11.191	0.000	99	511259	10.0	9.80	
* 103 Chrysene-d12	240	11.200	11.200	0.000	98	324255	8.00	8.00	
104 Chrysene	228	11.233	11.233	0.000	97	481431	10.0	9.84	
105 Bis(2-ethylhexyl) phthalate	149	11.287	11.287	0.000	84	404333	10.0	10.7	
106 Di-n-octyl phthalate	149	12.158	12.158	0.000	95	707551	10.0	10.3	
107 Benzo[b]fluoranthene	252	12.602	12.602	0.000	97	528933	10.0	9.97	
108 Benzo[k]fluoranthene	252	12.641	12.641	0.000	98	559491	10.0	9.89	
109 Benzo[a]pyrene	252	13.057	13.057	0.000	97	483440	10.0	10.3	
* 110 Perylene-d12	264	13.137	13.137	0.000	97	364243	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.703	14.703	0.000	96	518209	10.0	9.97	
112 Dibenz(a,h)anthracene	278	14.752	14.752	0.000	96	570482	10.0	10.1	
113 Benzo[g,h,i]perylene	276	15.133	15.133	0.000	95	568015	10.0	9.68	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:01 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20857.D

Injection Date: 20-Jun-2023 06:42:30 Instrument ID: CBNAMS17

Lims ID: ICIS

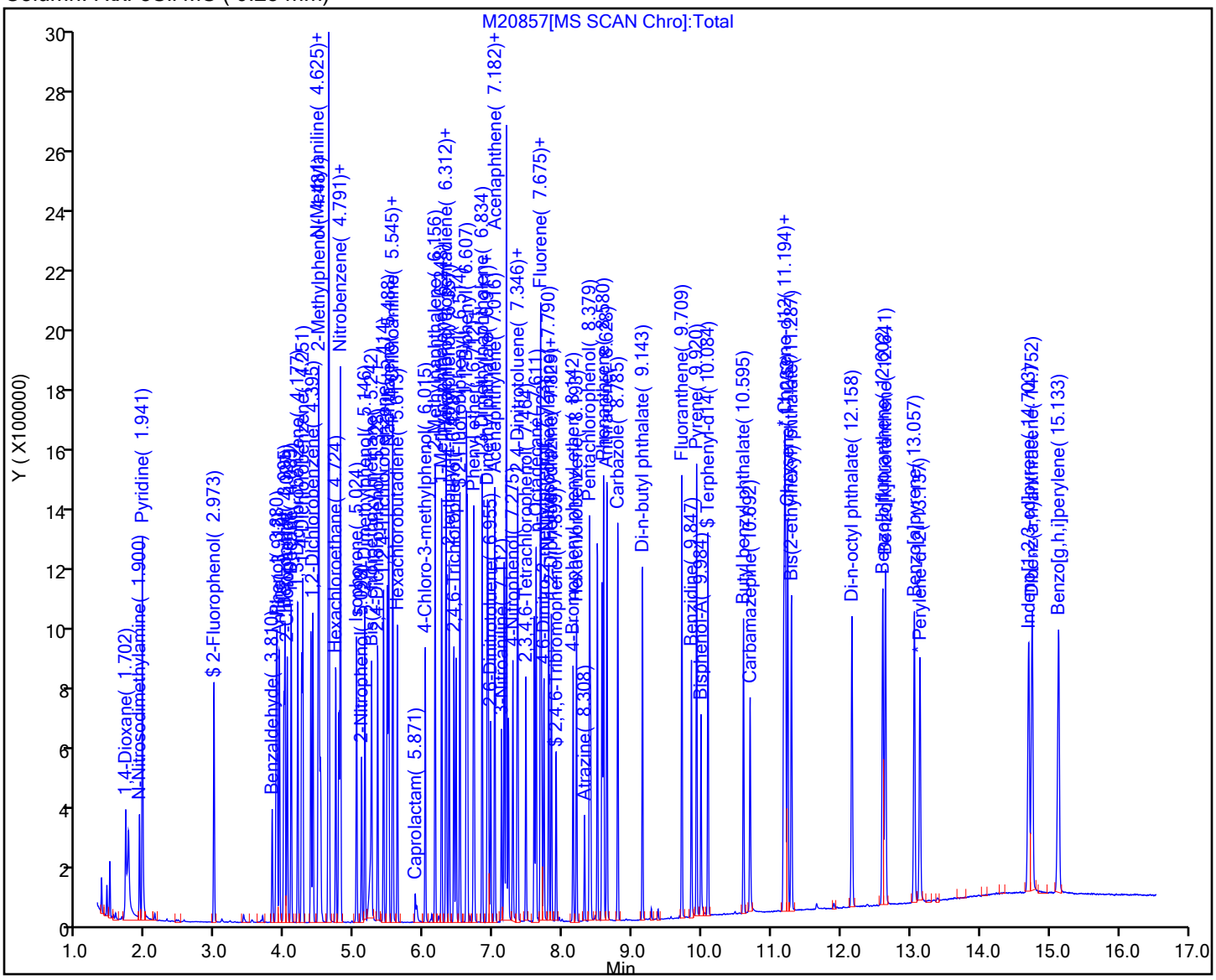
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

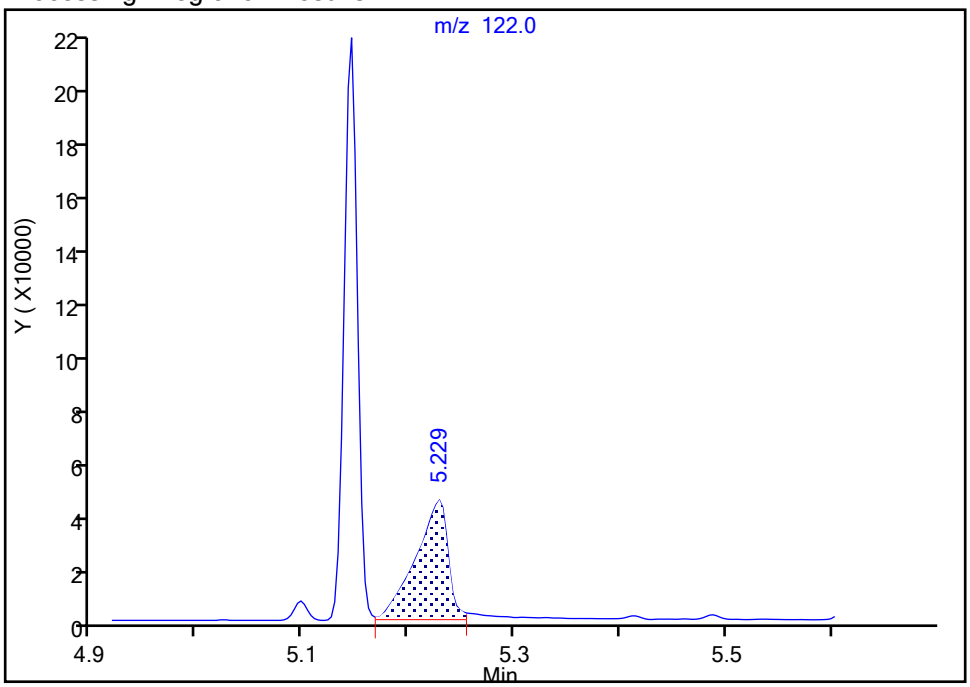
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20857.D				
Injection Date:	20-Jun-2023 06:42:30	Instrument ID:	CBNAMS17		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

34 Benzoic acid, CAS: 65-85-0

Signal: 1

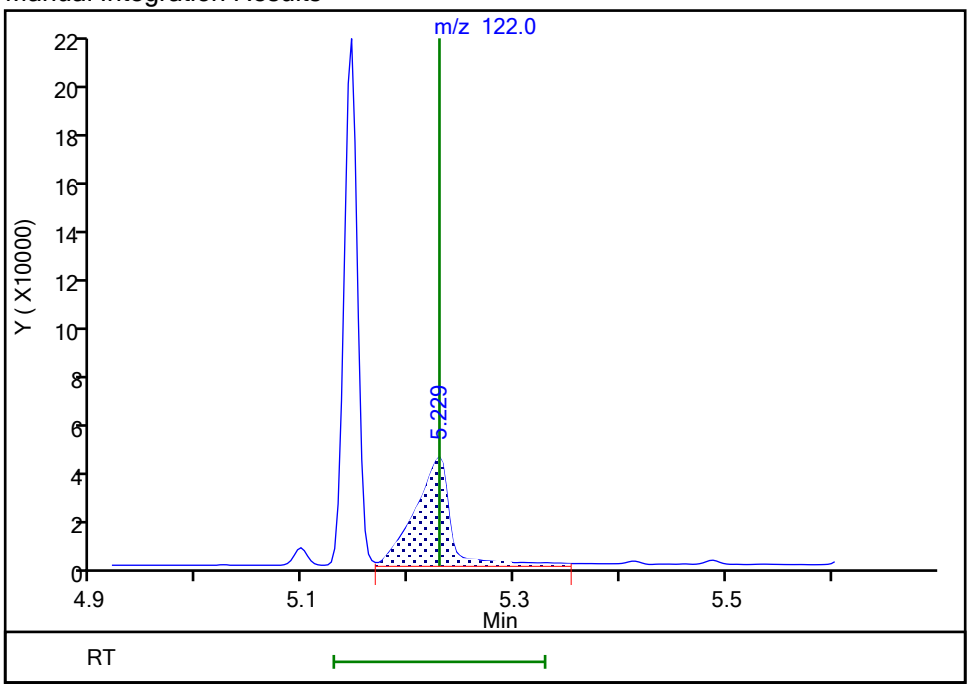
Processing Integration Results

RT: 5.23
Area: 93105
Amount: 8.629396
Amount Units: ug/ml



Manual Integration Results

RT: 5.23
Area: 100491
Amount: 8.012566
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 13:23:18 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

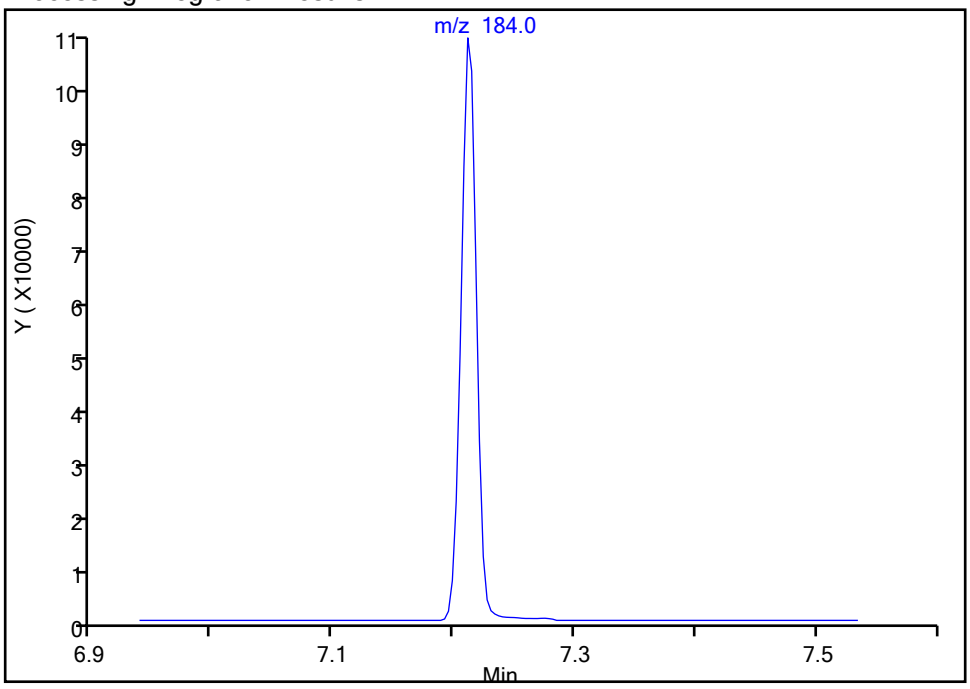
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20857.D
Injection Date: 20-Jun-2023 06:42:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

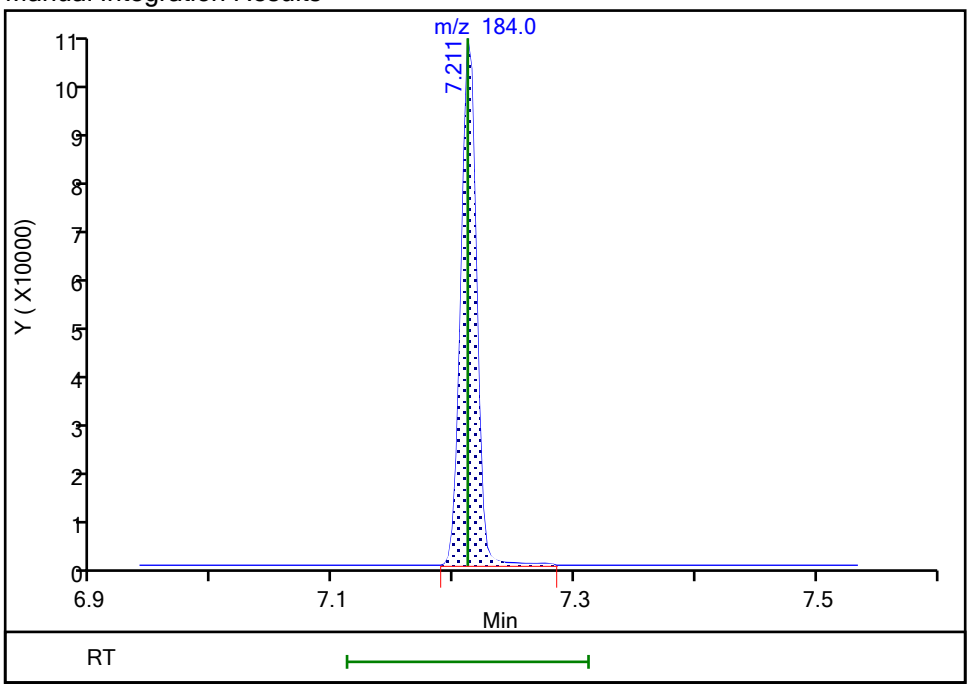
Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results

RT: 7.21
Area: 91607
Amount: 18.906777
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 07:18:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20859.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 20-Jun-2023 07:49:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-003
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:05 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 08:14:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.698	1.702	-0.004	91	210024	24.0	19.8	
2 N-Nitrosodimethylamine	74	1.900	1.900	0.000	98	338675	24.0	23.6	
3 Pyridine	79	1.938	1.941	-0.003	97	1024565	48.0	48.8	
$ 4 2-Fluorophenol	112	2.972	2.973	-0.001	97	562466	24.0	25.4	
5 Benzaldehyde	77	3.809	3.810	-0.001	98	111717	6.40	6.03	
$ 6 Phenol-d5	99	3.873	3.867	0.006	0	700724	24.0	26.0	
7 Phenol	94	3.886	3.880	0.006	97	701779	24.0	23.7	
8 Aniline	93	3.915	3.915	-0.001	98	799079	24.0	23.1	
9 Bis(2-chloroethyl)ether	93	3.982	3.976	0.006	96	502511	24.0	23.0	
10 Benzonitrile	103	4.001	3.995	0.006	98	1047773	NC	NC	
11 2-Chlorophenol	128	4.030	4.027	0.003	98	543713	24.0	23.3	
13 n-Decane	43	4.084	4.085	-0.001	89	438343	24.0	22.6	
14 1,3-Dichlorobenzene	146	4.180	4.181	0.000	96	578646	24.0	22.5	
* 15 1,4-Dichlorobenzene-d4	152	4.234	4.235	-0.001	95	126572	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.250	4.251	-0.001	94	584640	24.0	22.6	
17 Benzyl alcohol	108	4.371	4.366	0.005	95	341340	24.0	23.5	
19 1,2-Dichlorobenzene	146	4.397	4.398	-0.001	97	562808	24.0	22.9	
20 2-Methylphenol	108	4.477	4.475	0.002	90	473778	24.0	23.0	
21 2,2'-oxybis[1-chloropropane]	45	4.509	4.503	0.006	96	572357	24.0	22.3	
24 N-Methylaniline	106	4.621	4.618	0.003	93	806890	24.0	25.2	a
26 Acetophenone	105	4.630	4.628	0.002	91	693993	24.0	22.3	
22 4-Methylphenol	108	4.630	4.628	0.002	87	524890	24.0	22.7	
23 3 & 4 Methylphenol	108	4.630	4.628	0.002	0	525329	24.0	22.8	
25 N-Nitrosodi-n-propylamine	70	4.634	4.631	0.003	80	337724	24.0	22.9	
27 Hexachloroethane	117	4.726	4.724	0.002	96	227696	24.0	23.1	
$ 28 Nitrobenzene-d5	82	4.774	4.769	0.005	87	552359	24.0	26.1	
29 Nitrobenzene	123	4.793	4.788	0.005	99	247302	24.0	23.6	
30 n,n'-Dimethylaniline	120	4.797	4.794	0.003	92	762186	24.0	24.0	
31 Isophorone	82	5.030	5.024	0.006	99	906240	24.0	23.7	
32 2-Nitrophenol	139	5.100	5.098	0.002	96	253965	24.0	24.4	
33 2,4-Dimethylphenol	122	5.148	5.146	0.002	92	402532	24.0	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.260	5.229	0.031	87	284318	24.0	24.7	M
35 Bis(2-chloroethoxy)methane	93	5.244	5.242	0.002	98	583477	24.0	23.0	
36 2,4-Dichlorophenol	162	5.330	5.328	0.002	97	397817	24.0	23.3	
37 1,2,4-Trichlorobenzene	180	5.413	5.414	-0.001	94	433560	24.0	23.2	
* 38 Naphthalene-d8	136	5.468	5.465	0.003	99	444805	8.00	8.00	
39 Naphthalene	128	5.487	5.488	-0.001	99	1429575	24.0	22.9	
40 4-Chloroaniline	127	5.545	5.542	0.003	96	598740	24.0	23.6	
41 2,6-Dichlorophenol	162	5.551	5.549	0.002	98	387688	24.0	23.1	
42 Hexachlorobutadiene	225	5.612	5.613	-0.001	96	223244	24.0	23.3	
44 Caprolactam	113	5.931	5.871	0.060	91	31031	6.40	6.59	M
45 4-Chloro-3-methylphenol	107	6.017	6.015	0.002	96	385746	24.0	23.4	
46 2-Methylnaphthalene	142	6.158	6.156	0.002	84	849714	24.0	22.6	
47 1-Methylnaphthalene	142	6.251	6.248	0.003	93	791595	24.0	22.7	
48 Hexachlorocyclopentadiene	237	6.312	6.309	0.003	97	269932	24.0	23.7	
49 1,2,4,5-Tetrachlorobenzene	216	6.318	6.316	0.002	97	388882	24.0	23.0	
50 2-tertbutyl-4-methylphenol	149	6.360	6.357	0.003	89	501761	24.0	24.8	
51 2,4,6-Trichlorophenol	196	6.427	6.428	-0.001	90	255546	24.0	23.4	
52 2,4,5-Trichlorophenol	196	6.459	6.456	0.003	97	281717	24.0	23.7	
$ 53 2-Fluorobiphenyl	172	6.513	6.514	-0.001	97	954254	24.0	24.9	
54 1,1'-Biphenyl	154	6.609	6.607	0.002	96	1000781	24.0	23.0	
55 2-Chloronaphthalene	162	6.622	6.620	0.002	98	804375	24.0	22.8	
56 Phenyl ether	170	6.711	6.709	0.002	89	537822	24.0	23.9	
57 2-Nitroaniline	65	6.724	6.719	0.005	96	268950	24.0	24.4	
58 1,3-Dimethylnaphthalene	156	6.833	6.834	-0.001	90	615673	24.0	24.3	
59 Dimethyl phthalate	163	6.910	6.907	0.003	98	847375	24.0	22.7	
60 Coumarin	146	6.919	6.917	0.002	81	309351	24.0	23.8	
61 2,6-Dinitrotoluene	165	6.961	6.959	0.002	96	191558	24.0	25.0	
62 Acenaphthylene	152	7.015	7.016	-0.001	97	1262631	24.0	22.4	
63 3-Nitroaniline	138	7.114	7.112	0.002	97	232160	24.0	24.4	
* 64 Acenaphthene-d10	164	7.149	7.150	-0.001	96	212035	8.00	8.00	
66 Acenaphthene	154	7.181	7.182	-0.001	97	706073	24.0	22.9	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.185	7.186	-0.001	98	559045	24.0	24.4	
67 2,4-Dinitrophenol	184	7.217	7.211	0.006	97	237751	48.0	55.7	
68 4-Nitrophenol	65	7.281	7.275	0.006	89	308548	48.0	49.9	
69 2,4-Dinitrotoluene	165	7.341	7.336	0.005	94	249362	24.0	25.4	
70 Dibenzofuran	168	7.348	7.346	0.002	97	1052065	24.0	22.3	
71 2,3,4,6-Tetrachlorophenol	232	7.463	7.464	-0.001	93	207888	24.0	23.7	
72 Diethyl phthalate	149	7.588	7.585	0.003	98	852990	24.0	22.9	
73 n-Octadecane	57	7.610	7.611	-0.001	90	522754	24.0	23.9	
74 Fluorene	166	7.674	7.672	0.002	93	809497	24.0	22.1	
75 4-Chlorophenyl phenyl ether	204	7.681	7.681	0.000	88	376691	24.0	23.0	
76 4-Nitroaniline	138	7.700	7.691	0.009	90	231828	24.0	24.7	
77 4,6-Dinitro-2-methylphenol	198	7.729	7.723	0.006	86	282042	48.0	54.9	
78 N-Nitrosodiphenylamine	169	7.796	7.790	0.006	70	575769	24.0	23.4	
79 1,2-Diphenylhydrazine	77	7.831	7.829	0.002	50	916981	24.0	24.1	
131 Azobenzene	77	7.831	7.829	0.002	96	916981	24.0	24.1	
$ 80 2,4,6-Tribromophenol	330	7.901	7.899	0.002	92	166858	24.0	26.4	
83 4-Bromophenyl phenyl ether	248	8.144	8.142	0.002	90	218994	24.0	23.5	
84 Hexachlorobenzene	284	8.192	8.193	-0.001	97	285716	24.0	23.2	
85 Atrazine	200	8.307	8.308	-0.001	90	54130	6.40	7.01	
86 Pentachlorophenol	266	8.381	8.379	0.002	95	362197	48.0	51.0	
87 Pentachloronitrobenzene	237	8.397	8.395	0.002	89	98188	24.0	25.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.560	8.558	0.002	98	355412	8.00	8.00	
89 Phenanthrene	178	8.583	8.580	0.003	99	1113792	24.0	22.8	
90 Anthracene	178	8.631	8.628	0.003	97	1150580	24.0	23.0	
91 Carbazole	167	8.788	8.785	0.003	96	1071790	24.0	23.4	
92 Di-n-butyl phthalate	149	9.142	9.143	-0.001	99	1388899	24.0	24.5	
93 Fluoranthene	202	9.708	9.709	-0.001	96	1131292	24.0	23.5	
94 Benzidine	184	9.849	9.847	0.002	100	766577	24.0	26.8	
95 Pyrene	202	9.922	9.920	0.002	95	1183888	24.0	22.5	
96 Bisphenol-A	213	9.987	9.984	0.003	97	476988	24.0	26.7	
$ 97 Terphenyl-d14	244	10.086	10.084	0.002	97	931141	24.0	24.8	
98 Butyl benzyl phthalate	149	10.598	10.595	0.003	96	610128	24.0	25.6	
100 Carbamazepine	193	10.697	10.692	0.005	93	454034	24.0	26.6	
101 3,3'-Dichlorobenzidine	252	11.177	11.175	0.002	99	473219	24.0	25.8	
102 Benzo[a]anthracene	228	11.193	11.191	0.002	99	1133668	24.0	23.6	
* 103 Chrysene-d12	240	11.203	11.200	0.003	98	298361	8.00	8.00	
104 Chrysene	228	11.235	11.233	0.002	97	1061383	24.0	23.6	
105 Bis(2-ethylhexyl) phthalate	149	11.286	11.287	-0.001	85	909314	24.0	26.2	
106 Di-n-octyl phthalate	149	12.160	12.158	0.002	96	1588999	24.0	25.5	
107 Benzo[b]fluoranthene	252	12.608	12.602	0.006	96	1121815	24.0	23.3	
108 Benzo[k]fluoranthene	252	12.646	12.641	0.005	97	1167190	24.0	22.7	
109 Benzo[a]pyrene	252	13.062	13.057	0.005	95	1105501	24.0	25.9	
* 110 Perylene-d12	264	13.136	13.137	-0.001	96	330461	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.711	14.703	0.008	96	1228215	24.0	26.1	
112 Dibenz(a,h)anthracene	278	14.763	14.752	0.011	95	1294419	24.0	25.3	
113 Benzo[g,h,i]perylene	276	15.144	15.133	0.011	93	1320259	24.0	24.8	
S 119 Total Cresols	1				0			45.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:07 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20859.D

Injection Date: 20-Jun-2023 07:49:30 Instrument ID: CBNAMS17

Lims ID: STD24

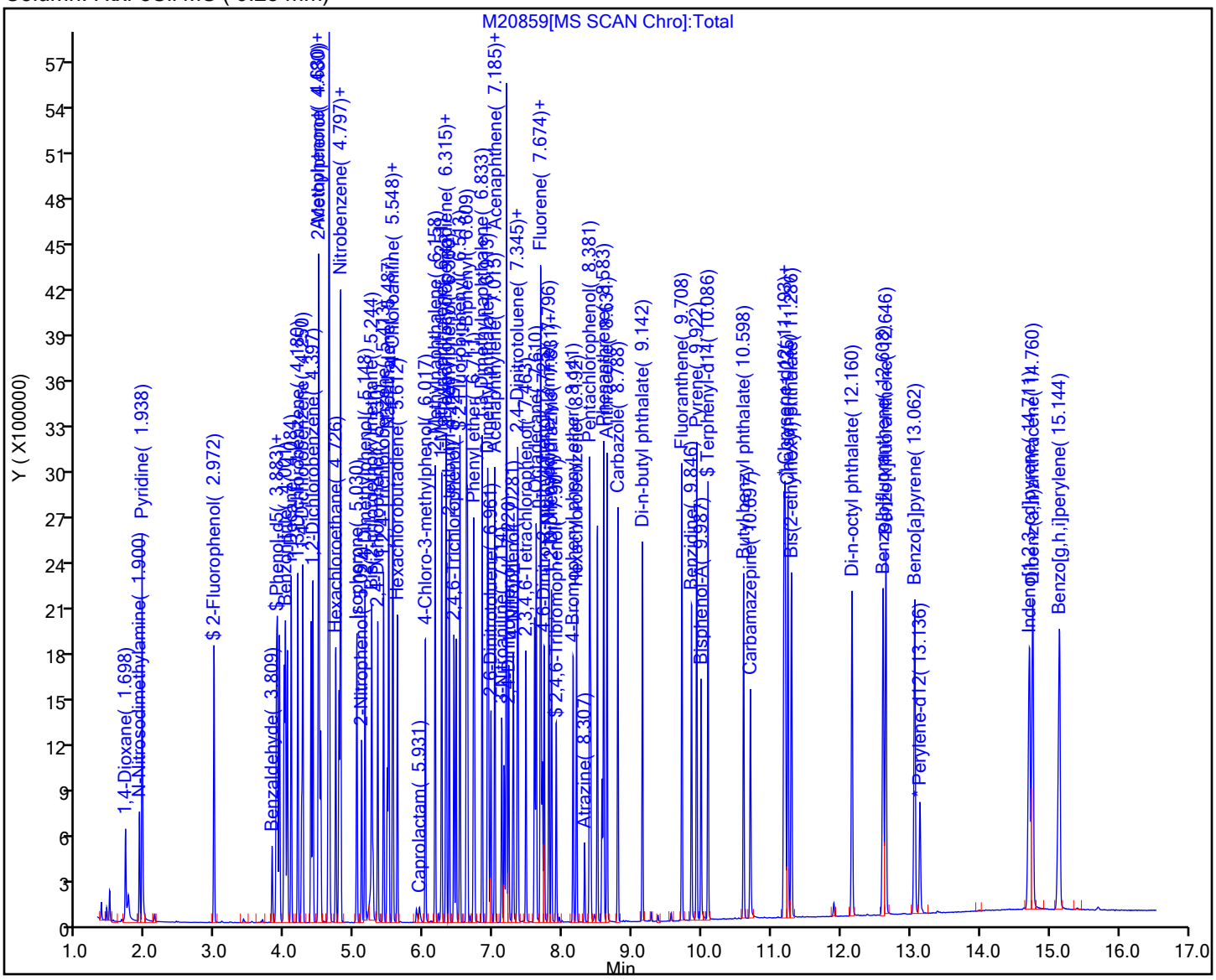
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

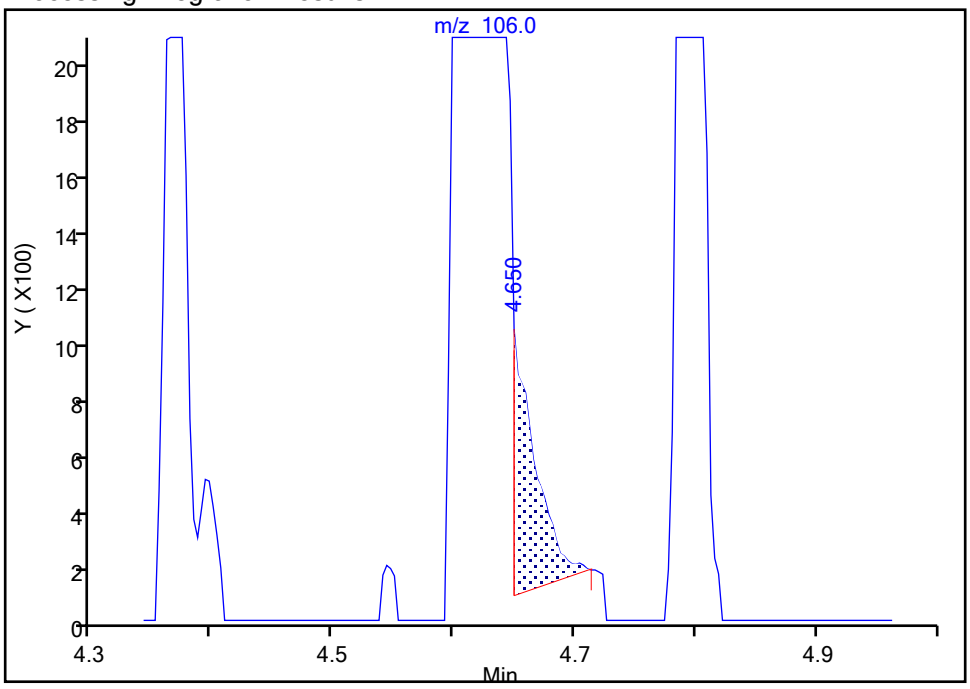
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20859.D
Injection Date: 20-Jun-2023 07:49:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Methylaniline, CAS: 100-61-8

Signal: 1

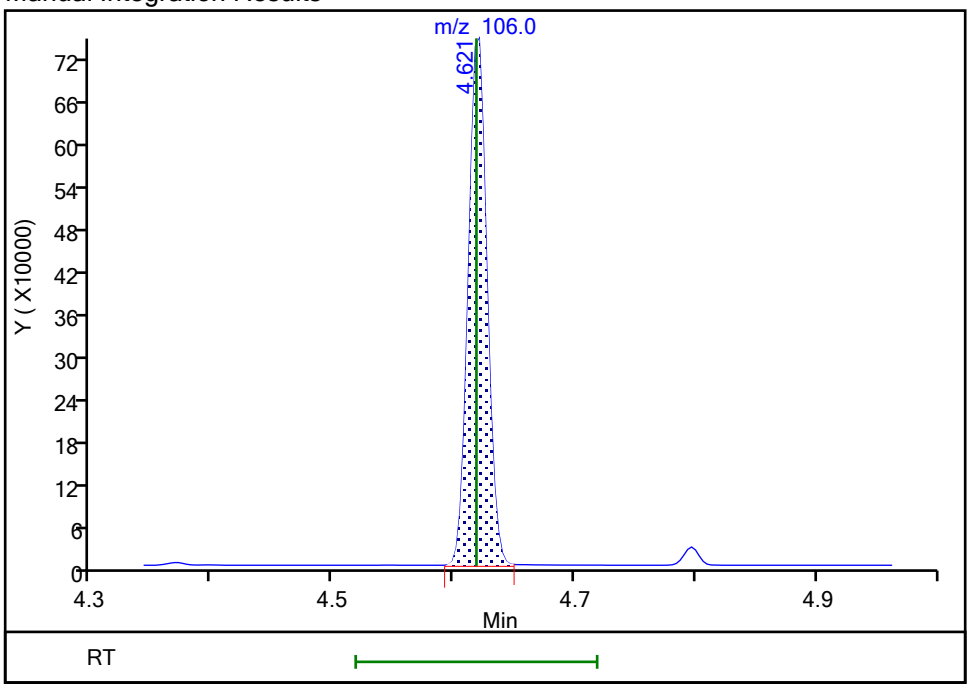
Processing Integration Results

RT: 4.65
Area: 1195
Amount: 0.071765
Amount Units: ug/ml



Manual Integration Results

RT: 4.62
Area: 806890
Amount: 25.227960
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 08:14:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

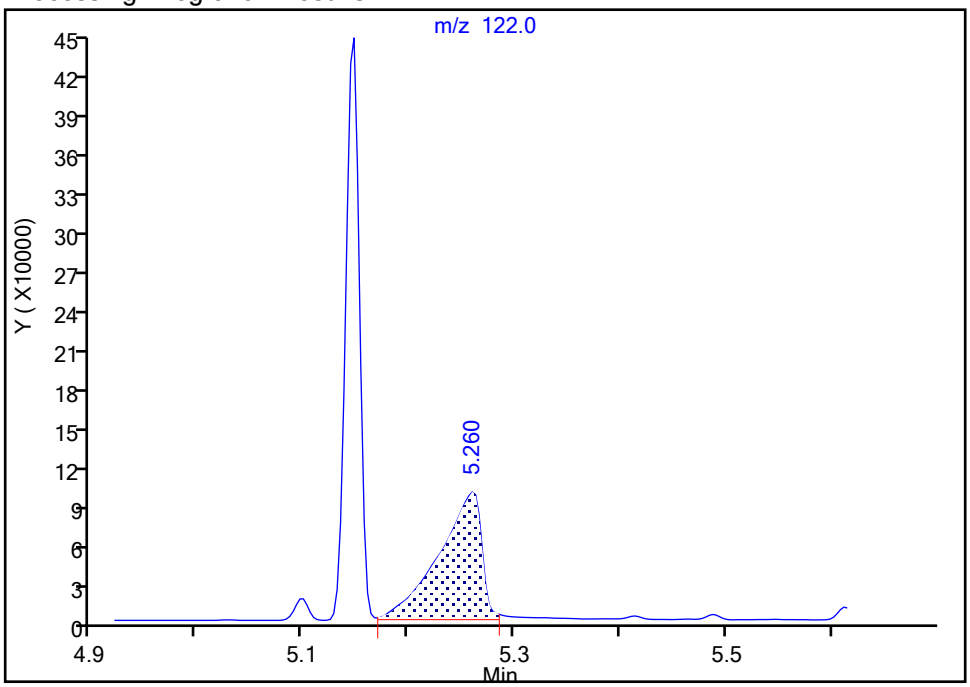
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20859.D
Injection Date: 20-Jun-2023 07:49:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

34 Benzoic acid, CAS: 65-85-0

Signal: 1

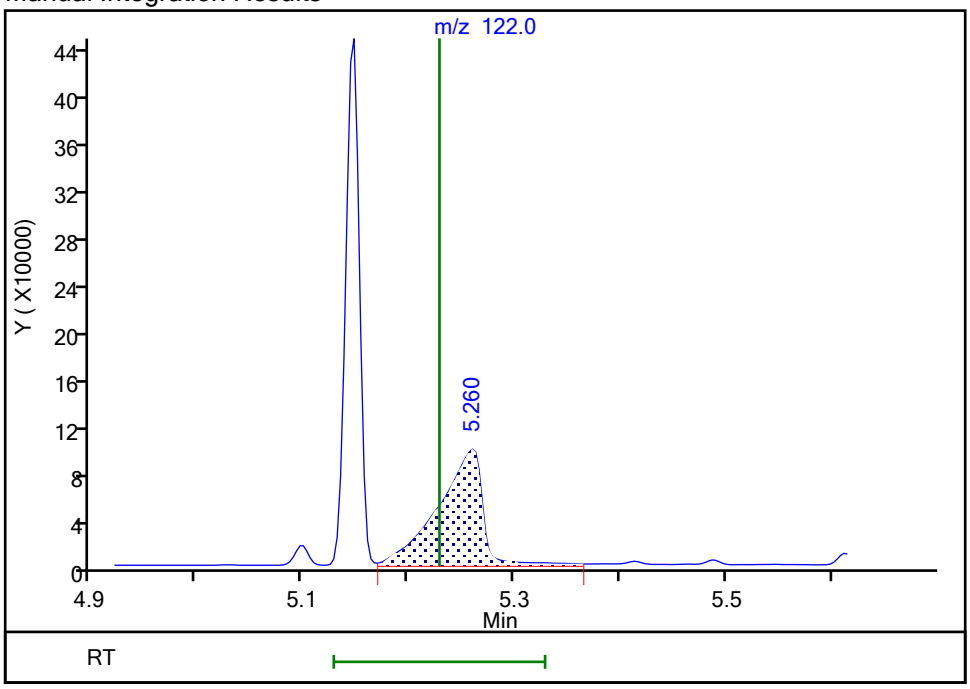
Processing Integration Results

RT: 5.26
Area: 275557
Amount: 28.892117
Amount Units: ug/ml



Manual Integration Results

RT: 5.26
Area: 284318
Amount: 24.652415
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 13:24:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

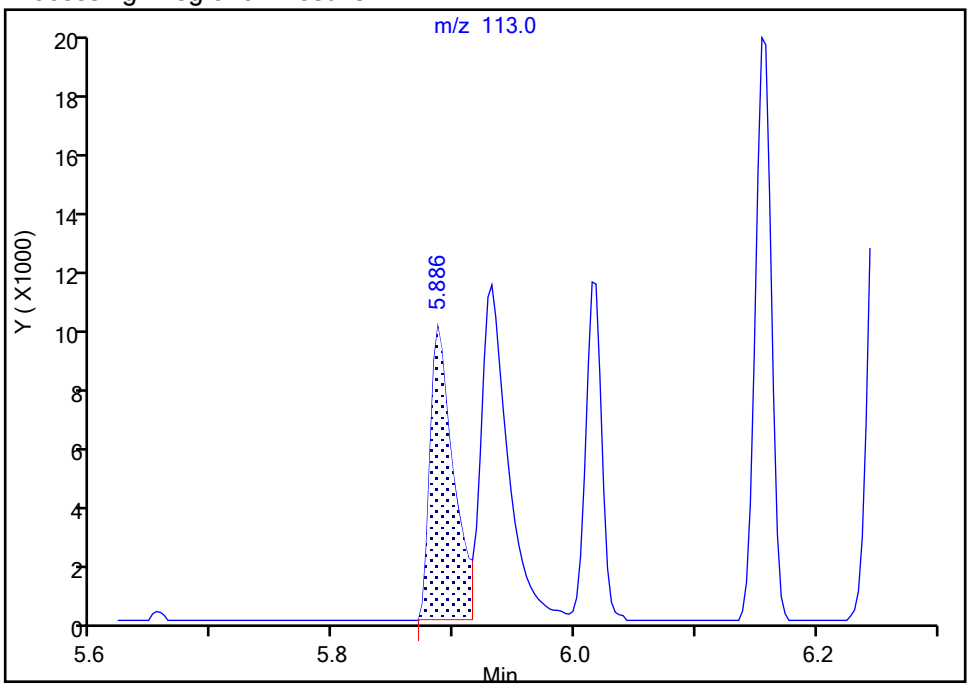
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20859.D
Injection Date: 20-Jun-2023 07:49:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

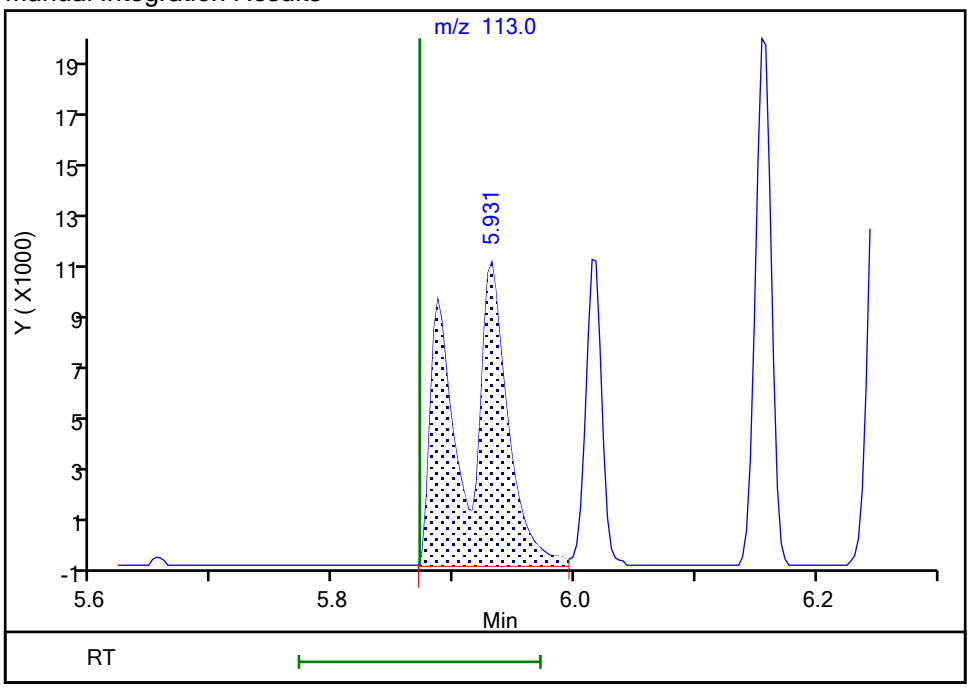
Processing Integration Results

RT: 5.89
Area: 13466
Amount: 4.145985
Amount Units: ug/ml



Manual Integration Results

RT: 5.93
Area: 31031
Amount: 6.593441
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 08:14:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20861.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Jun-2023 08:32:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-004
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:10 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 08:56:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.698	1.702	-0.004	91	145688	16.0	13.7	
2 N-Nitrosodimethylamine	74	1.896	1.900	-0.004	98	232849	16.0	16.3	
3 Pyridine	79	1.938	1.941	-0.003	97	745976	32.0	35.6	
$ 4 2-Fluorophenol	112	2.972	2.973	-0.001	97	375352	16.0	17.0	
5 Benzaldehyde	77	3.809	3.810	-0.001	98	92931	4.80	5.02	
$ 6 Phenol-d5	99	3.870	3.867	0.003	0	464428	16.0	17.2	
7 Phenol	94	3.882	3.880	0.002	97	476352	16.0	16.1	
8 Aniline	93	3.914	3.915	-0.001	98	555953	16.0	16.1	
9 Bis(2-chloroethyl)ether	93	3.978	3.976	0.002	96	346401	16.0	15.9	
10 Benzonitrile	103	3.994	3.995	-0.001	98	705123	NC	NC	
11 2-Chlorophenol	128	4.026	4.027	-0.001	98	377135	16.0	16.2	
13 n-Decane	43	4.084	4.085	-0.001	89	307037	16.0	15.8	
14 1,3-Dichlorobenzene	146	4.180	4.181	0.000	96	405085	16.0	15.8	
* 15 1,4-Dichlorobenzene-d4	152	4.234	4.235	-0.001	95	126486	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.250	4.251	-0.001	95	407633	16.0	15.8	
17 Benzyl alcohol	108	4.368	4.366	0.002	95	235983	16.0	16.3	
19 1,2-Dichlorobenzene	146	4.397	4.398	-0.001	97	385603	16.0	15.7	
20 2-Methylphenol	108	4.474	4.475	-0.001	90	330896	16.0	16.1	
21 2,2'-oxybis[1-chloropropane]	45	4.506	4.503	0.003	96	409655	16.0	16.0	
24 N-Methylaniline	106	4.617	4.618	-0.001	95	553883	16.0	17.3	a
26 Acetophenone	105	4.627	4.628	-0.001	93	489812	16.0	15.7	
22 4-Methylphenol	108	4.627	4.628	-0.001	87	372790	16.0	16.2	
23 3 & 4 Methylphenol	108	4.627	4.628	-0.001	0	372790	16.0	16.2	
25 N-Nitrosodi-n-propylamine	70	4.630	4.631	-0.001	83	237057	16.0	16.1	
27 Hexachloroethane	117	4.723	4.724	-0.001	96	159494	16.0	16.2	
$ 28 Nitrobenzene-d5	82	4.771	4.769	0.002	85	366385	16.0	17.1	
29 Nitrobenzene	123	4.790	4.788	0.002	96	175325	16.0	16.7	
30 n,n'-Dimethylaniline	120	4.793	4.794	-0.001	92	522151	16.0	16.4	
31 Isophorone	82	5.026	5.024	0.002	99	634093	16.0	16.4	
32 2-Nitrophenol	139	5.097	5.098	-0.001	96	176631	16.0	16.7	
33 2,4-Dimethylphenol	122	5.145	5.146	-0.001	92	276607	16.0	16.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.244	5.229	0.015	89	199427	16.0	17.2	
35 Bis(2-chloroethoxy)methane	93	5.240	5.242	-0.002	98	413644	16.0	16.1	
36 2,4-Dichlorophenol	162	5.330	5.328	0.002	97	279561	16.0	16.2	
37 1,2,4-Trichlorobenzene	180	5.413	5.414	-0.001	94	298791	16.0	15.7	
* 38 Naphthalene-d8	136	5.467	5.465	0.002	99	450749	8.00	8.00	
39 Naphthalene	128	5.487	5.488	-0.001	99	991292	16.0	15.7	
40 4-Chloroaniline	127	5.544	5.542	0.002	98	420464	16.0	16.3	
41 2,6-Dichlorophenol	162	5.547	5.549	-0.002	96	274799	16.0	16.1	
42 Hexachlorobutadiene	225	5.611	5.613	-0.002	96	154580	16.0	16.0	
44 Caprolactam	113	5.876	5.871	0.005	91	23926	4.80	5.05	M
45 4-Chloro-3-methylphenol	107	6.014	6.015	-0.001	96	272926	16.0	16.3	
46 2-Methylnaphthalene	142	6.154	6.156	-0.002	84	596255	16.0	15.7	
47 1-Methylnaphthalene	142	6.250	6.248	0.002	92	558216	16.0	15.8	
48 Hexachlorocyclopentadiene	237	6.308	6.309	-0.001	97	186156	16.0	16.0	
49 1,2,4,5-Tetrachlorobenzene	216	6.317	6.316	0.001	97	276038	16.0	16.0	
50 2-tertbutyl-4-methylphenol	149	6.359	6.357	0.002	90	341932	16.0	16.7	
51 2,4,6-Trichlorophenol	196	6.426	6.428	-0.002	90	186959	16.0	16.7	
52 2,4,5-Trichlorophenol	196	6.455	6.456	-0.001	97	200248	16.0	16.4	
$ 53 2-Fluorobiphenyl	172	6.513	6.514	-0.001	97	641221	16.0	16.3	
54 1,1'-Biphenyl	154	6.605	6.607	-0.002	97	706099	16.0	15.8	
55 2-Chloronaphthalene	162	6.621	6.620	0.001	99	564265	16.0	15.6	
56 Phenyl ether	170	6.711	6.709	0.002	90	376402	16.0	16.3	
57 2-Nitroaniline	65	6.720	6.719	0.001	98	190241	16.0	16.9	
58 1,3-Dimethylnaphthalene	156	6.832	6.834	-0.002	90	424976	16.0	16.4	
59 Dimethyl phthalate	163	6.909	6.907	0.002	98	610204	16.0	16.0	
60 Coumarin	146	6.915	6.917	-0.002	82	218704	16.0	16.6	
61 2,6-Dinitrotoluene	165	6.957	6.959	-0.002	96	137306	16.0	17.4	
62 Acenaphthylene	152	7.015	7.016	-0.001	97	915182	16.0	15.9	
63 3-Nitroaniline	138	7.114	7.112	0.002	98	165912	16.0	17.0	
* 64 Acenaphthene-d10	164	7.149	7.150	-0.001	96	217329	8.00	8.00	
66 Acenaphthene	154	7.181	7.182	-0.001	97	504404	16.0	15.9	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.184	7.186	-0.002	98	397166	16.0	16.9	
67 2,4-Dinitrophenol	184	7.213	7.211	0.002	97	167162	32.0	38.2	
68 4-Nitrophenol	65	7.277	7.275	0.002	89	219391	32.0	34.6	
69 2,4-Dinitrotoluene	165	7.338	7.336	0.002	94	178947	16.0	17.8	
70 Dibenzofuran	168	7.347	7.346	0.001	96	770663	16.0	15.9	
71 2,3,4,6-Tetrachlorophenol	232	7.462	7.464	-0.002	93	149443	16.0	16.6	
72 Diethyl phthalate	149	7.587	7.585	0.002	98	611492	16.0	16.0	
73 n-Octadecane	57	7.609	7.611	-0.002	91	371064	16.0	16.3	
74 Fluorene	166	7.673	7.672	0.001	97	593449	16.0	15.8	
75 4-Chlorophenyl phenyl ether	204	7.680	7.681	-0.001	89	268923	16.0	16.0	
76 4-Nitroaniline	138	7.696	7.691	0.005	92	163381	16.0	17.0	
77 4,6-Dinitro-2-methylphenol	198	7.725	7.723	0.002	86	195470	32.0	36.5	
78 N-Nitrosodiphenylamine	169	7.792	7.790	0.002	71	413305	16.0	16.1	
79 1,2-Diphenylhydrazine	77	7.830	7.829	0.001	50	646328	16.0	16.3	
131 Azobenzene	77	7.830	7.829	0.001	96	646282	16.0	16.3	
$ 80 2,4,6-Tribromophenol	330	7.897	7.899	-0.002	94	113659	16.0	17.5	
83 4-Bromophenyl phenyl ether	248	8.143	8.142	0.001	90	157202	16.0	16.2	
84 Hexachlorobenzene	284	8.191	8.193	-0.002	97	207974	16.0	16.2	
85 Atrazine	200	8.307	8.308	-0.001	90	42847	4.80	5.32	
86 Pentachlorophenol	266	8.380	8.379	0.001	95	250115	32.0	33.8	
87 Pentachloronitrobenzene	237	8.393	8.395	-0.002	90	68591	16.0	17.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.559	8.558	0.001	99	370663	8.00	8.00	
89 Phenanthrene	178	8.582	8.580	0.002	98	807274	16.0	15.9	
90 Anthracene	178	8.630	8.628	0.002	97	837339	16.0	16.0	
91 Carbazole	167	8.786	8.785	0.001	96	760347	16.0	15.9	
92 Di-n-butyl phthalate	149	9.141	9.143	-0.002	99	988428	16.0	16.7	
93 Fluoranthene	202	9.707	9.709	-0.002	96	815424	16.0	16.3	
94 Benzidine	184	9.844	9.847	-0.003	100	517236	16.0	17.4	
95 Pyrene	202	9.921	9.920	0.001	95	841533	16.0	15.7	
96 Bisphenol-A	213	9.982	9.984	-0.002	97	318767	16.0	17.6	
$ 97 Terphenyl-d14	244	10.085	10.084	0.001	97	627635	16.0	16.5	
98 Butyl benzyl phthalate	149	10.596	10.595	0.001	96	413799	16.0	17.1	
100 Carbamazepine	193	10.692	10.692	0.000	93	306171	16.0	17.6	
101 3,3'-Dichlorobenzidine	252	11.175	11.175	0.000	99	330849	16.0	17.8	
102 Benzo[a]anthracene	228	11.188	11.191	-0.003	99	776836	16.0	15.9	
* 103 Chrysene-d12	240	11.201	11.200	0.001	98	303117	8.00	8.00	
104 Chrysene	228	11.233	11.233	0.000	97	733107	16.0	16.0	
105 Bis(2-ethylhexyl) phthalate	149	11.285	11.287	-0.002	85	623956	16.0	17.7	
106 Di-n-octyl phthalate	149	12.155	12.158	-0.003	96	1102436	16.0	17.4	
107 Benzo[b]fluoranthene	252	12.603	12.602	0.001	96	818829	16.0	16.7	
108 Benzo[k]fluoranthene	252	12.641	12.641	0.000	97	861333	16.0	16.5	
109 Benzo[a]pyrene	252	13.057	13.057	0.000	95	758409	16.0	17.4	
* 110 Perylene-d12	264	13.138	13.137	0.001	96	336221	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.706	14.703	0.003	95	798806	16.0	16.7	
112 Dibenz(a,h)anthracene	278	14.755	14.752	0.002	95	833907	16.0	16.0	
113 Benzo[g,h,i]perylene	276	15.139	15.133	0.006	92	885369	16.0	16.3	
S 119 Total Cresols	1				0			32.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

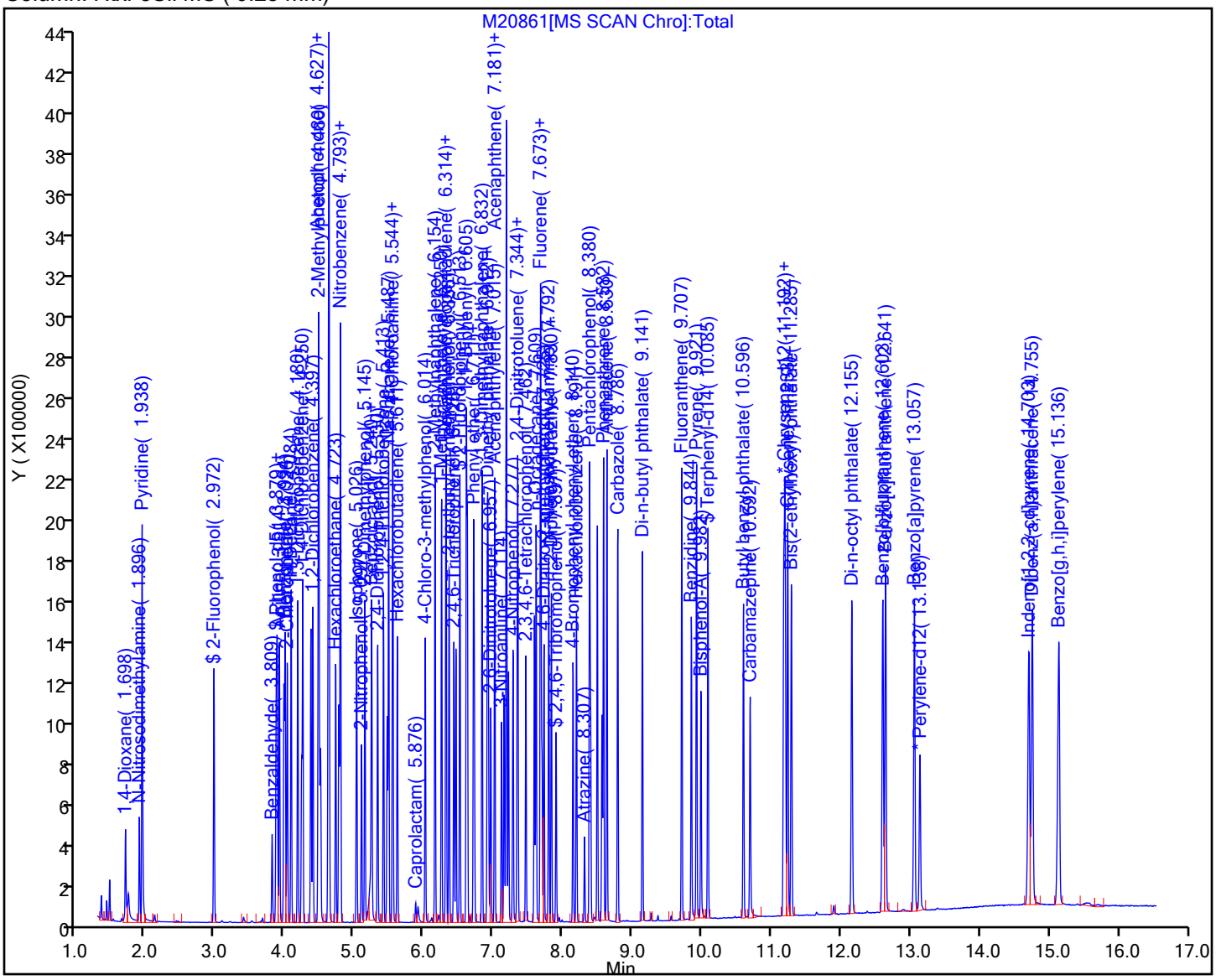
Reagents:

SV_BNAL8_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:12 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20861.D
Injection Date: 20-Jun-2023 08:32:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison

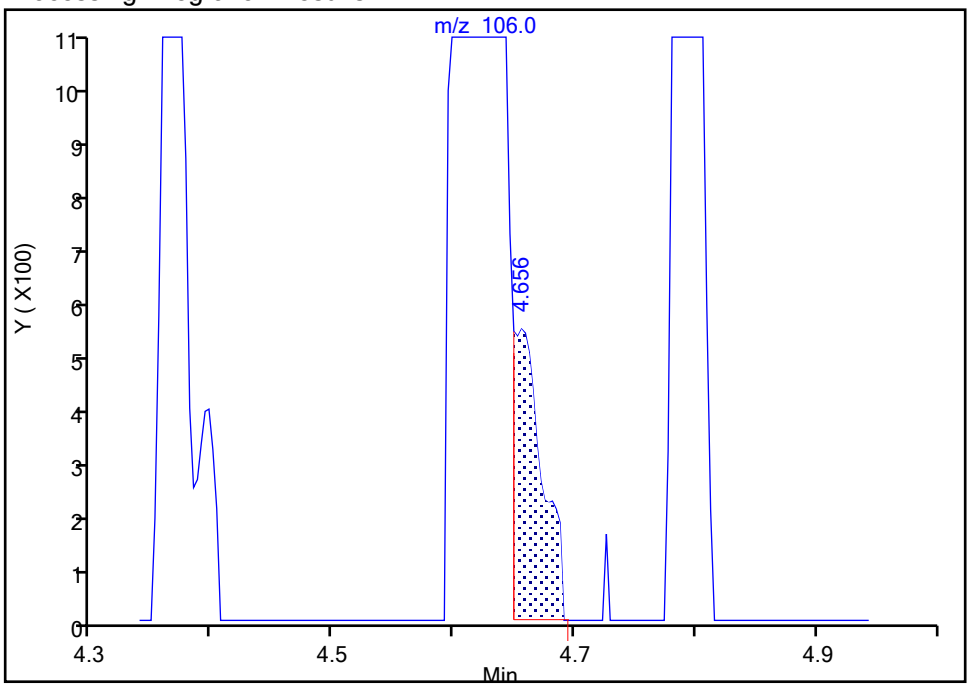
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20861.D
Injection Date: 20-Jun-2023 08:32:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Methylaniline, CAS: 100-61-8

Signal: 1

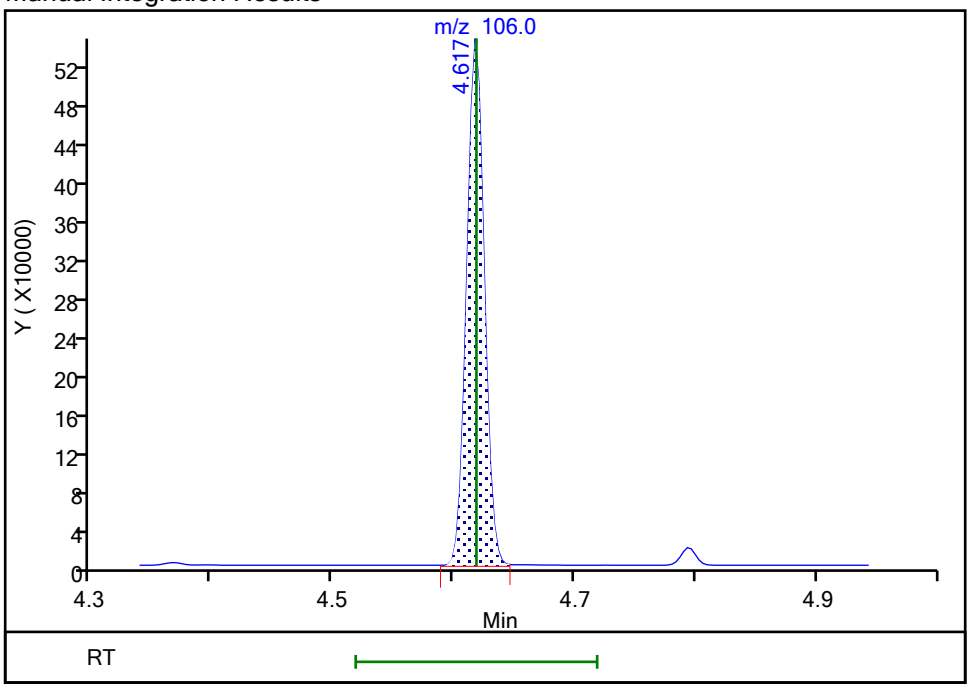
Processing Integration Results

RT: 4.66
Area: 855
Amount: 0.038351
Amount Units: ug/ml



Manual Integration Results

RT: 4.62
Area: 553883
Amount: 17.329300
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 08:56:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

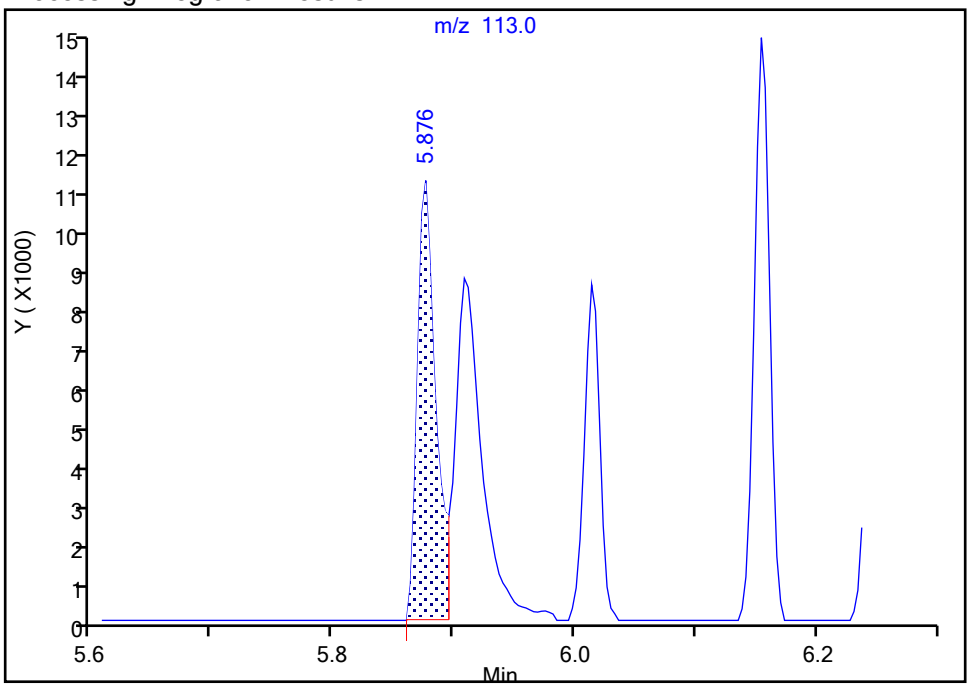
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20861.D
Injection Date: 20-Jun-2023 08:32:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

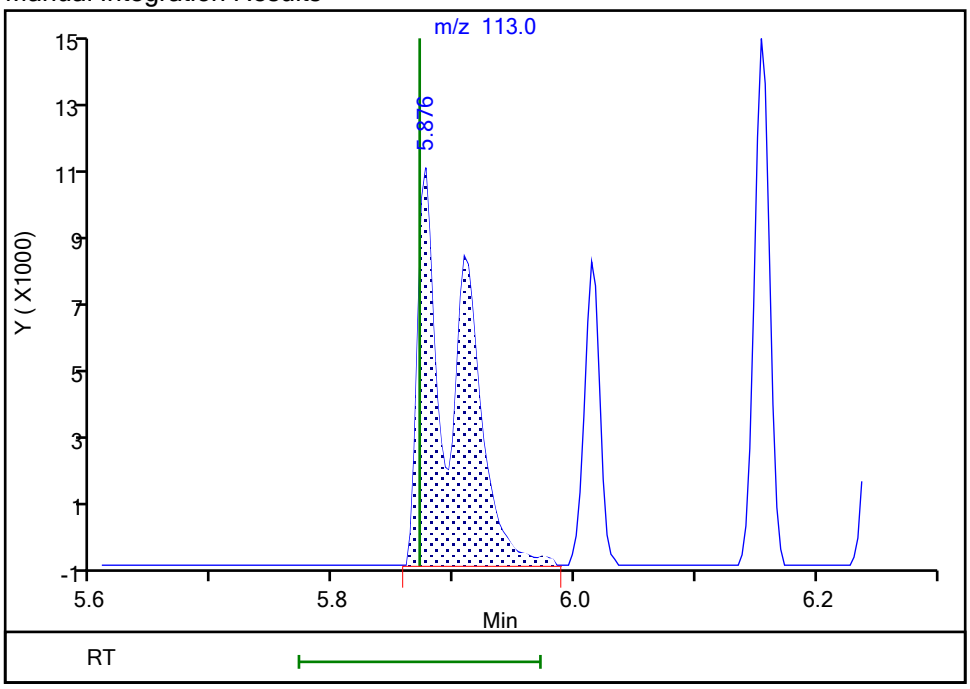
Processing Integration Results

RT: 5.88
Area: 11395
Amount: 2.912362
Amount Units: ug/ml



Manual Integration Results

RT: 5.88
Area: 23926
Amount: 5.047220
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 08:56:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20863.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Jun-2023 09:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-005
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:16 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 09:37:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.698	1.698	0.000	91	44436	4.00	4.14	
2 N-Nitrosodimethylamine	74	1.896	1.896	0.000	98	61116	4.00	4.22	
3 Pyridine	79	1.941	1.941	0.000	97	198879	8.00	9.37	
$ 4 2-Fluorophenol	112	2.969	2.969	0.000	97	90799	4.00	4.06	
5 Benzaldehyde	77	3.806	3.806	0.000	98	65209	3.20	3.48	
$ 6 Phenol-d5	99	3.863	3.863	0.000	0	114286	4.00	4.19	
7 Phenol	94	3.876	3.876	0.000	97	125673	4.00	4.19	
8 Aniline	93	3.911	3.911	0.000	98	148164	4.00	4.24	
9 Bis(2-chloroethyl)ether	93	3.972	3.972	0.000	95	91853	4.00	4.16	
10 Benzonitrile	103	3.988	3.988	0.000	97	177966	NC	NC	
11 2-Chlorophenol	128	4.023	4.023	0.000	98	99113	4.00	4.20	
13 n-Decane	43	4.080	4.080	0.000	89	82112	4.00	4.19	
14 1,3-Dichlorobenzene	146	4.176	4.176	0.000	97	109335	4.00	4.21	
* 15 1,4-Dichlorobenzene-d4	152	4.230	4.230	0.000	95	127930	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.250	4.250	0.000	96	110276	4.00	4.22	
17 Benzyl alcohol	108	4.361	4.361	0.000	95	61411	4.00	4.19	
19 1,2-Dichlorobenzene	146	4.393	4.393	0.000	97	104606	4.00	4.22	
20 2-Methylphenol	108	4.470	4.470	0.000	91	87568	4.00	4.20	
21 2,2'-oxybis[1-chloropropane]	45	4.502	4.502	0.000	96	111214	4.00	4.28	
24 N-Methylaniline	106	4.614	4.614	0.000	91	140712	4.00	4.35	
26 Acetophenone	105	4.620	4.620	0.000	90	134829	4.00	4.28	
22 4-Methylphenol	108	4.620	4.620	0.000	76	100245	4.00	4.30	
23 3 & 4 Methylphenol	108	4.620	4.620	0.000	0	100245	4.00	4.30	
25 N-Nitrosodi-n-propylamine	70	4.623	4.623	0.000	83	64961	4.00	4.36	
27 Hexachloroethane	117	4.722	4.722	0.000	95	42728	4.00	4.28	
$ 28 Nitrobenzene-d5	82	4.764	4.764	0.000	85	91582	4.00	4.12	
29 Nitrobenzene	123	4.783	4.783	0.000	96	46742	4.00	4.41	
30 n,n'-Dimethylaniline	120	4.789	4.789	0.000	93	134335	4.00	4.18	
31 Isophorone	82	5.019	5.019	0.000	99	170496	4.00	4.26	
32 2-Nitrophenol	139	5.093	5.093	0.000	96	45742	4.00	4.19	
33 2,4-Dimethylphenol	122	5.141	5.141	0.000	92	73819	4.00	4.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.201	5.201	0.000	88	42767	4.00	4.03	
35 Bis(2-chloroethoxy)methane	93	5.237	5.237	0.000	98	110467	4.00	4.16	
36 2,4-Dichlorophenol	162	5.326	5.326	0.000	97	74681	4.00	4.18	
37 1,2,4-Trichlorobenzene	180	5.409	5.409	0.000	94	81463	4.00	4.15	
* 38 Naphthalene-d8	136	5.463	5.463	0.000	99	466114	8.00	8.00	
39 Naphthalene	128	5.483	5.483	0.000	99	270651	4.00	4.13	
40 4-Chloroaniline	127	5.540	5.540	0.000	97	115796	4.00	4.35	
41 2,6-Dichlorophenol	162	5.547	5.547	0.000	96	73640	4.00	4.18	
42 Hexachlorobutadiene	225	5.610	5.610	0.000	96	41337	4.00	4.13	
44 Caprolactam	113	5.860	5.860	0.000	92	15815	3.20	3.27	
45 4-Chloro-3-methylphenol	107	6.010	6.010	0.000	96	72617	4.00	4.20	
46 2-Methylnaphthalene	142	6.153	6.153	0.000	85	166468	4.00	4.23	
47 1-Methylnaphthalene	142	6.246	6.246	0.000	92	152839	4.00	4.18	
48 Hexachlorocyclopentadiene	237	6.307	6.307	0.000	97	49877	4.00	4.13	
49 1,2,4,5-Tetrachlorobenzene	216	6.313	6.313	0.000	97	74442	4.00	4.15	
50 2-tertbutyl-4-methylphenol	149	6.355	6.355	0.000	89	85134	4.00	4.02	
51 2,4,6-Trichlorophenol	196	6.425	6.425	0.000	89	47390	4.00	4.09	
52 2,4,5-Trichlorophenol	196	6.454	6.454	0.000	97	53174	4.00	4.21	
$ 53 2-Fluorobiphenyl	172	6.511	6.511	0.000	97	166993	4.00	4.10	
54 1,1'-Biphenyl	154	6.604	6.604	0.000	97	190808	4.00	4.12	
55 2-Chloronaphthalene	162	6.617	6.617	0.000	97	156414	4.00	4.17	
56 Phenyl ether	170	6.706	6.706	0.000	88	97058	4.00	4.07	
57 2-Nitroaniline	65	6.716	6.716	0.000	98	49923	4.00	4.27	
58 1,3-Dimethylnaphthalene	156	6.831	6.831	0.000	90	108121	4.00	4.03	
59 Dimethyl phthalate	163	6.901	6.901	0.000	98	166818	4.00	4.21	
60 Coumarin	146	6.911	6.911	0.000	82	55170	4.00	4.05	
61 2,6-Dinitrotoluene	165	6.952	6.952	0.000	97	36305	4.00	4.45	
62 Acenaphthylene	152	7.010	7.010	0.000	97	254423	4.00	4.25	
63 3-Nitroaniline	138	7.106	7.106	0.000	97	43266	4.00	4.29	
* 64 Acenaphthene-d10	164	7.147	7.147	0.000	96	225137	8.00	8.00	
66 Acenaphthene	154	7.179	7.179	0.000	97	137827	4.00	4.20	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.182	7.182	0.000	98	97796	4.00	4.02	
67 2,4-Dinitrophenol	184	7.208	7.208	0.000	96	37418	8.00	8.26	a
68 4-Nitrophenol	65	7.269	7.269	0.000	89	56071	8.00	8.55	
69 2,4-Dinitrotoluene	165	7.333	7.333	0.000	94	46471	4.00	4.47	
70 Dibenzofuran	168	7.342	7.342	0.000	97	211433	4.00	4.21	
71 2,3,4,6-Tetrachlorophenol	232	7.460	7.460	0.000	93	39240	4.00	4.22	
72 Diethyl phthalate	149	7.579	7.579	0.000	98	165125	4.00	4.17	
73 n-Octadecane	57	7.607	7.607	0.000	91	99825	4.00	4.23	
74 Fluorene	166	7.668	7.668	0.000	94	164327	4.00	4.23	
75 4-Chlorophenyl phenyl ether	204	7.678	7.678	0.000	87	71847	4.00	4.13	
76 4-Nitroaniline	138	7.684	7.684	0.000	92	41706	4.00	4.19	
77 4,6-Dinitro-2-methylphenol	198	7.716	7.716	0.000	85	47450	8.00	8.55	
78 N-Nitrosodiphenylamine	169	7.786	7.786	0.000	71	111650	4.00	4.19	
79 1,2-Diphenylhydrazine	77	7.825	7.825	0.000	50	174814	4.00	4.25	
131 Azobenzene	77	7.825	7.825	0.000	96	175216	4.00	4.25	
$ 80 2,4,6-Tribromophenol	330	7.895	7.895	0.000	92	28323	4.00	4.22	
83 4-Bromophenyl phenyl ether	248	8.141	8.141	0.000	90	42862	4.00	4.26	
84 Hexachlorobenzene	284	8.189	8.189	0.000	97	56246	4.00	4.22	
85 Atrazine	200	8.304	8.304	0.000	91	28526	3.20	3.41	
86 Pentachlorophenol	266	8.378	8.378	0.000	94	64024	8.00	8.33	
87 Pentachloronitrobenzene	237	8.390	8.390	0.000	89	16902	4.00	4.07	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.557	8.557	0.000	99	384418	8.00	8.00	
89 Phenanthrene	178	8.579	8.579	0.000	98	221346	4.00	4.19	
90 Anthracene	178	8.627	8.627	0.000	97	225845	4.00	4.17	
91 Carbazole	167	8.784	8.784	0.000	96	208530	4.00	4.21	
92 Di-n-butyl phthalate	149	9.138	9.138	0.000	99	257805	4.00	4.21	
93 Fluoranthene	202	9.704	9.704	0.000	96	220973	4.00	4.25	
94 Benzidine	184	9.841	9.841	0.000	99	123358	4.00	3.99	
95 Pyrene	202	9.918	9.918	0.000	95	231624	4.00	4.26	
96 Bisphenol-A	213	9.982	9.982	0.000	97	75702	4.00	4.11	
$ 97 Terphenyl-d14	244	10.081	10.081	0.000	97	160280	4.00	4.14	
98 Butyl benzyl phthalate	149	10.592	10.592	0.000	96	102177	4.00	4.15	
100 Carbamazepine	193	10.685	10.685	0.000	93	62341	4.00	3.53	
101 3,3'-Dichlorobenzidine	252	11.171	11.171	0.000	99	78379	4.00	4.14	
102 Benzo[a]anthracene	228	11.184	11.184	0.000	99	204173	4.00	4.12	
* 103 Chrysene-d12	240	11.197	11.197	0.000	98	308088	8.00	8.00	
104 Chrysene	228	11.229	11.229	0.000	97	190550	4.00	4.10	
105 Bis(2-ethylhexyl) phthalate	149	11.283	11.283	0.000	85	157470	4.00	4.39	
106 Di-n-octyl phthalate	149	12.153	12.153	0.000	96	263863	4.00	4.17	
107 Benzo[b]fluoranthene	252	12.594	12.594	0.000	95	208644	4.00	4.27	
108 Benzo[k]fluoranthene	252	12.633	12.633	0.000	98	225828	4.00	4.33	
109 Benzo[a]pyrene	252	13.049	13.049	0.000	94	186766	4.00	4.30	
* 110 Perylene-d12	264	13.132	13.132	0.000	96	335722	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.690	14.690	0.000	96	197336	4.00	4.12	
112 Dibenz(a,h)anthracene	278	14.742	14.742	0.000	95	212276	4.00	4.08	
113 Benzo[g,h,i]perylene	276	15.120	15.120	0.000	96	221194	4.00	4.09	
S 119 Total Cresols	1				0			8.50	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL6_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:18 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20863.D

Injection Date: 20-Jun-2023 09:13:30 Instrument ID: CBNAMS17

Lims ID: STD4

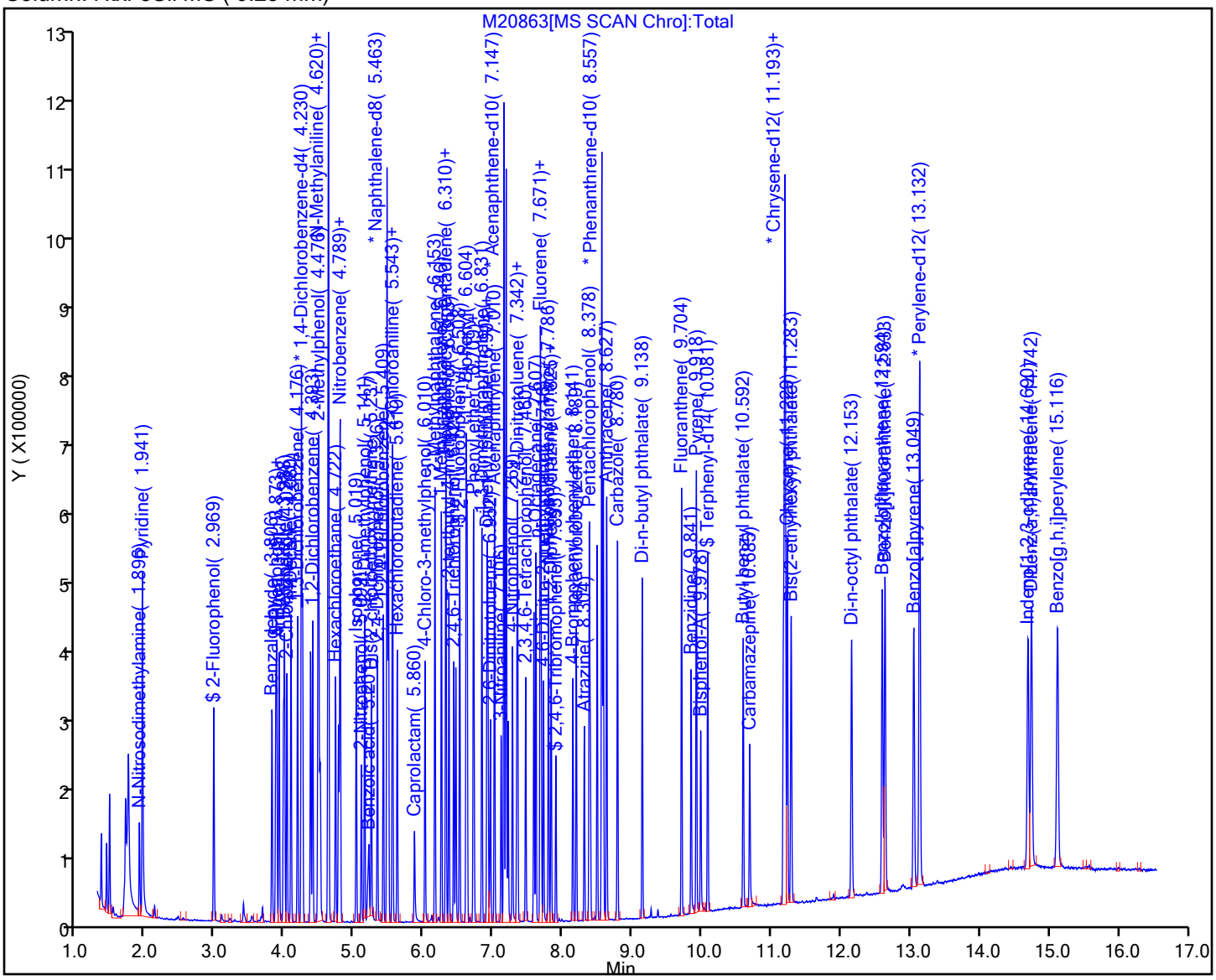
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

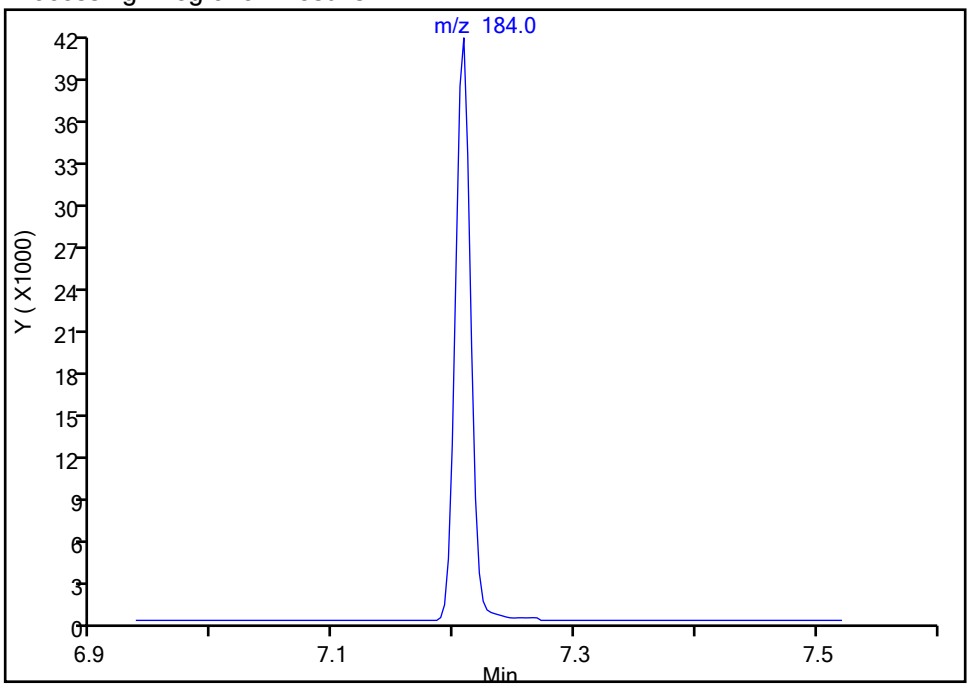
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20863.D
Injection Date: 20-Jun-2023 09:13:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

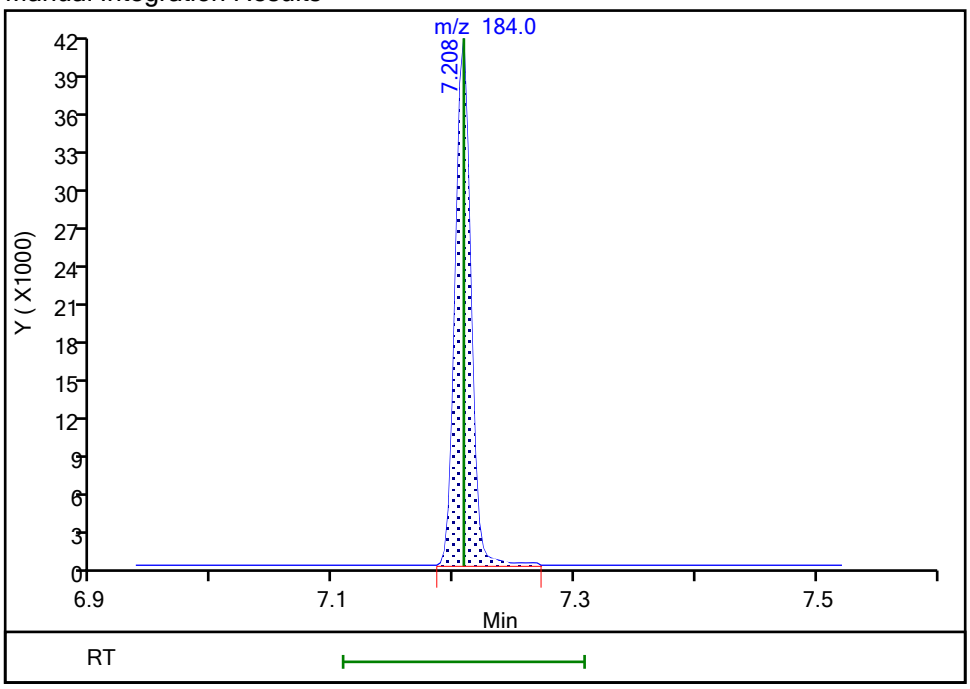
Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results

RT: 7.21
Area: 37418
Amount: 8.258746
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 09:37:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20865.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Jun-2023 09:55:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-006
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:22 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 10:29:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.701	1.698	0.003	91	23424	2.00	2.14	
2 N-Nitrosodimethylamine	74	1.899	1.896	0.003	98	30043	2.00	2.04	
3 Pyridine	79	1.944	1.941	0.003	96	99836	4.00	4.63	
$ 4 2-Fluorophenol	112	2.969	2.969	0.000	97	46151	2.00	2.03	
5 Benzaldehyde	77	3.805	3.806	-0.001	98	40963	2.00	2.15	
$ 6 Phenol-d5	99	3.859	3.863	-0.004	0	57740	2.00	2.08	
7 Phenol	94	3.872	3.876	-0.004	97	62082	2.00	2.04	
8 Aniline	93	3.911	3.911	0.000	98	73119	2.00	2.06	
9 Bis(2-chloroethyl)ether	93	3.971	3.972	-0.001	96	46917	2.00	2.09	
10 Benzonitrile	103	3.987	3.988	-0.001	98	89239	NC	NC	
11 2-Chlorophenol	128	4.022	4.023	-0.001	97	49038	2.00	2.05	
13 n-Decane	43	4.080	4.080	0.000	89	41344	2.00	2.07	
14 1,3-Dichlorobenzene	146	4.176	4.176	0.000	96	53924	2.00	2.04	
* 15 1,4-Dichlorobenzene-d4	152	4.230	4.230	0.000	95	130090	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.246	4.250	-0.004	96	55815	2.00	2.10	
17 Benzyl alcohol	108	4.361	4.361	0.000	96	30481	2.00	2.05	
19 1,2-Dichlorobenzene	146	4.393	4.393	0.000	96	51531	2.00	2.04	
20 2-Methylphenol	108	4.469	4.470	-0.001	90	44096	2.00	2.08	
21 2,2'-oxybis[1-chloropropane]	45	4.498	4.502	-0.004	96	55649	2.00	2.11	
24 N-Methylaniline	106	4.613	4.614	-0.001	90	69506	2.00	2.11	
26 Acetophenone	105	4.620	4.620	0.000	90	66861	2.00	2.09	
22 4-Methylphenol	108	4.620	4.620	0.000	77	49006	2.00	2.07	
23 3 & 4 Methylphenol	108	4.620	4.620	0.000	0	49006	2.00	2.07	
25 N-Nitrosodi-n-propylamine	70	4.623	4.623	0.000	85	32077	2.00	2.12	
27 Hexachloroethane	117	4.722	4.722	0.000	96	20910	2.00	2.06	
$ 28 Nitrobenzene-d5	82	4.763	4.764	-0.001	85	46089	2.00	2.06	
29 Nitrobenzene	123	4.782	4.783	-0.001	96	22999	2.00	2.13	
30 n,n'-Dimethylaniline	120	4.789	4.789	0.000	93	68190	2.00	2.09	
31 Isophorone	82	5.019	5.019	0.000	99	83431	2.00	2.07	
32 2-Nitrophenol	139	5.092	5.093	-0.001	96	22003	2.00	2.00	
33 2,4-Dimethylphenol	122	5.140	5.141	-0.001	92	36937	2.00	2.05	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.188	5.201	-0.013	87	17213	2.00	1.95	
35 Bis(2-chloroethoxy)methane	93	5.236	5.237	-0.001	97	56984	2.00	2.13	
36 2,4-Dichlorophenol	162	5.325	5.326	-0.001	97	36437	2.00	2.02	
37 1,2,4-Trichlorobenzene	180	5.408	5.409	-0.001	94	41222	2.00	2.08	
* 38 Naphthalene-d8	136	5.463	5.463	0.000	99	469902	8.00	8.00	
39 Naphthalene	128	5.482	5.483	-0.001	99	139342	2.00	2.11	
40 4-Chloroaniline	127	5.539	5.540	-0.001	98	57470	2.00	2.14	
41 2,6-Dichlorophenol	162	5.546	5.547	-0.001	98	37012	2.00	2.08	
42 Hexachlorobutadiene	225	5.610	5.610	0.000	95	20725	2.00	2.05	
44 Caprolactam	113	5.852	5.860	-0.008	91	9020	2.00	1.91	
45 4-Chloro-3-methylphenol	107	6.009	6.010	-0.001	96	35816	2.00	2.06	
46 2-Methylnaphthalene	142	6.152	6.153	-0.001	84	83495	2.00	2.10	
47 1-Methylnaphthalene	142	6.245	6.246	-0.001	92	76409	2.00	2.07	
48 Hexachlorocyclopentadiene	237	6.306	6.307	-0.001	97	25780	2.00	2.08	
49 1,2,4,5-Tetrachlorobenzene	216	6.312	6.313	-0.001	96	37486	2.00	2.04	
50 2-tertbutyl-4-methylphenol	149	6.354	6.355	-0.001	90	42683	2.00	2.00	
51 2,4,6-Trichlorophenol	196	6.424	6.425	-0.001	89	24581	2.00	2.07	
52 2,4,5-Trichlorophenol	196	6.453	6.454	-0.001	97	26433	2.00	2.04	
$ 53 2-Fluorobiphenyl	172	6.510	6.511	-0.001	97	86186	2.00	2.07	
54 1,1'-Biphenyl	154	6.603	6.604	-0.001	97	98915	2.00	2.09	
55 2-Chloronaphthalene	162	6.616	6.617	-0.001	98	79611	2.00	2.08	
56 Phenyl ether	170	6.705	6.706	-0.001	88	49367	2.00	2.02	
57 2-Nitroaniline	65	6.715	6.716	-0.001	98	23767	2.00	1.99	
58 1,3-Dimethylnaphthalene	156	6.830	6.831	-0.001	90	54264	2.00	1.97	
59 Dimethyl phthalate	163	6.900	6.901	-0.001	98	84035	2.00	2.07	
60 Coumarin	146	6.909	6.911	-0.002	82	28147	2.00	2.05	
61 2,6-Dinitrotoluene	165	6.951	6.952	-0.001	96	17217	2.00	2.06	
62 Acenaphthylene	152	7.008	7.010	-0.002	97	126654	2.00	2.07	
63 3-Nitroaniline	138	7.107	7.106	0.001	97	20190	2.00	1.96	
* 64 Acenaphthene-d10	164	7.146	7.147	-0.001	97	230406	8.00	8.00	
66 Acenaphthene	154	7.178	7.179	-0.001	97	70128	2.00	2.09	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.181	7.182	-0.001	98	48778	2.00	1.96	
67 2,4-Dinitrophenol	184	7.207	7.208	-0.001	96	16728	4.00	3.61	a
68 4-Nitrophenol	65	7.267	7.269	-0.002	89	26846	4.00	4.00	
69 2,4-Dinitrotoluene	165	7.331	7.333	-0.002	94	22261	2.00	2.09	
70 Dibenzofuran	168	7.341	7.342	-0.001	96	108660	2.00	2.12	
71 2,3,4,6-Tetrachlorophenol	232	7.459	7.460	-0.001	93	19406	2.00	2.04	
72 Diethyl phthalate	149	7.577	7.579	-0.002	98	84314	2.00	2.08	
73 n-Octadecane	57	7.606	7.607	-0.001	91	49476	2.00	2.01	
74 Fluorene	166	7.667	7.668	-0.001	94	84475	2.00	2.12	
75 4-Chlorophenyl phenyl ether	204	7.676	7.678	-0.002	89	37186	2.00	2.09	
76 4-Nitroaniline	138	7.683	7.684	-0.001	93	20070	2.00	1.97	
77 4,6-Dinitro-2-methylphenol	198	7.715	7.716	-0.001	83	20709	4.00	3.59	a
78 N-Nitrosodiphenylamine	169	7.788	7.786	0.002	70	56329	2.00	2.03	
79 1,2-Diphenylhydrazine	77	7.826	7.825	0.001	50	87890	2.00	2.05	
131 Azobenzene	77	7.826	7.825	0.001	96	88323	2.00	2.06	
$ 80 2,4,6-Tribromophenol	330	7.893	7.895	-0.002	92	14177	2.00	2.06	
83 4-Bromophenyl phenyl ether	248	8.139	8.141	-0.002	90	21417	2.00	2.05	
84 Hexachlorobenzene	284	8.187	8.189	-0.002	97	28534	2.00	2.06	
85 Atrazine	200	8.305	8.304	0.001	91	18308	2.00	2.11	
86 Pentachlorophenol	266	8.376	8.378	-0.002	94	31487	4.00	3.94	
87 Pentachloronitrobenzene	237	8.389	8.390	-0.002	88	8441	2.00	1.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.555	8.557	-0.002	98	399903	8.00	8.00	
89 Phenanthrene	178	8.577	8.579	-0.002	98	114631	2.00	2.09	
90 Anthracene	178	8.625	8.627	-0.002	98	116820	2.00	2.07	
91 Carbazole	167	8.782	8.784	-0.002	96	105667	2.00	2.05	
92 Di-n-butyl phthalate	149	9.139	9.138	0.001	99	124547	2.00	1.96	
93 Fluoranthene	202	9.704	9.704	0.000	96	110930	2.00	2.05	
94 Benzidine	184	9.842	9.841	0.001	99	61182	2.00	1.90	
95 Pyrene	202	9.915	9.918	-0.003	95	115977	2.00	2.12	
96 Bisphenol-A	213	9.979	9.982	-0.003	97	34414	2.00	1.86	
$ 97 Terphenyl-d14	244	10.082	10.081	0.001	97	80682	2.00	2.08	
98 Butyl benzyl phthalate	149	10.593	10.592	0.001	97	47055	2.00	1.90	
100 Carbamazepine	193	10.685	10.685	0.000	94	27500	2.00	1.55	
101 3,3'-Dichlorobenzidine	252	11.168	11.171	-0.003	99	36041	2.00	1.90	
102 Benzo[a]anthracene	228	11.184	11.184	0.000	99	102231	2.00	2.05	
* 103 Chrysene-d12	240	11.197	11.197	0.000	98	309336	8.00	8.00	
104 Chrysene	228	11.226	11.229	-0.003	97	97483	2.00	2.09	
105 Bis(2-ethylhexyl) phthalate	149	11.283	11.283	0.000	85	70598	2.00	1.96	
106 Di-n-octyl phthalate	149	12.153	12.153	0.000	96	118262	2.00	1.88	
107 Benzo[b]fluoranthene	252	12.594	12.594	0.000	98	100573	2.00	2.07	
108 Benzo[k]fluoranthene	252	12.632	12.633	-0.001	97	109319	2.00	2.11	
109 Benzo[a]pyrene	252	13.048	13.049	-0.001	97	89345	2.00	2.07	
* 110 Perylene-d12	264	13.131	13.132	-0.001	97	333996	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.689	14.690	-0.001	96	95802	2.00	2.01	
112 Dibenz(a,h)anthracene	278	14.741	14.742	-0.001	95	106467	2.00	2.06	
113 Benzo[g,h,i]perylene	276	15.115	15.120	-0.005	94	106402	2.00	1.98	
S 119 Total Cresols	1				0			4.15	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20865.D

Injection Date: 20-Jun-2023 09:55:30 Instrument ID: CBNAMS17

Lims ID: STD2

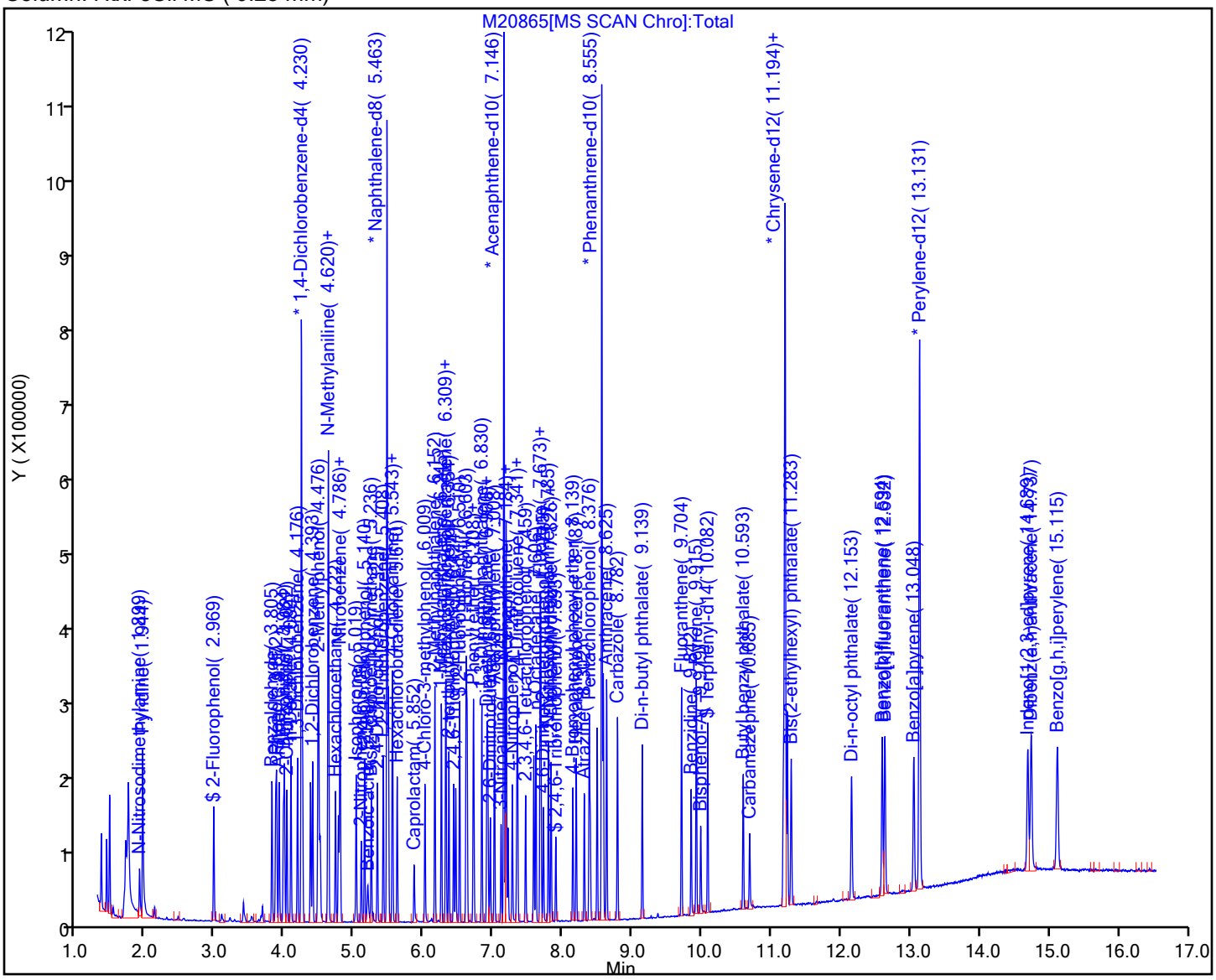
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

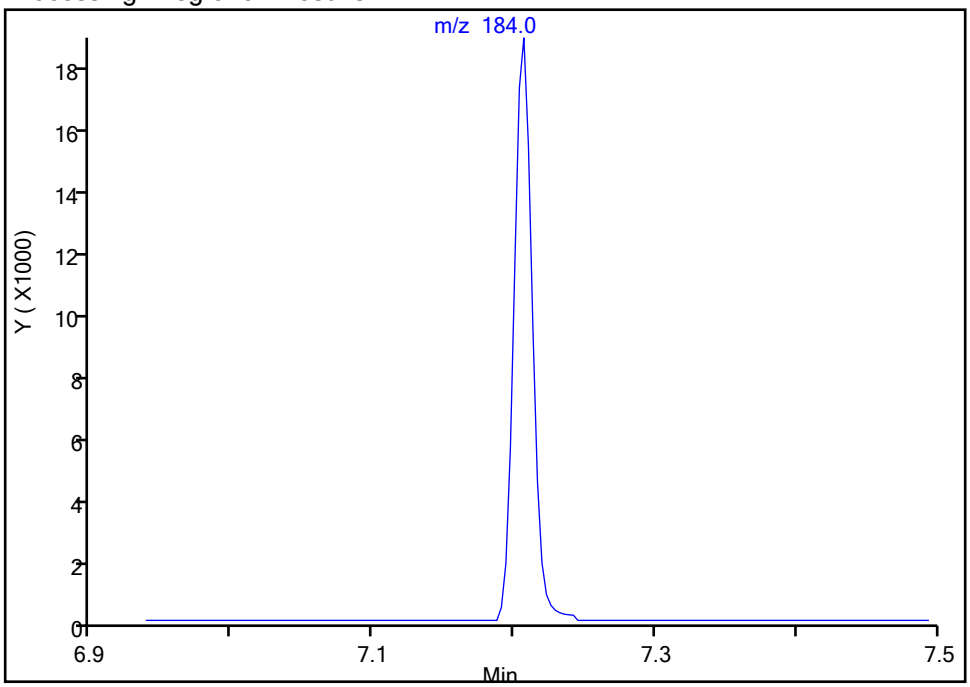
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20865.D
Injection Date: 20-Jun-2023 09:55:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

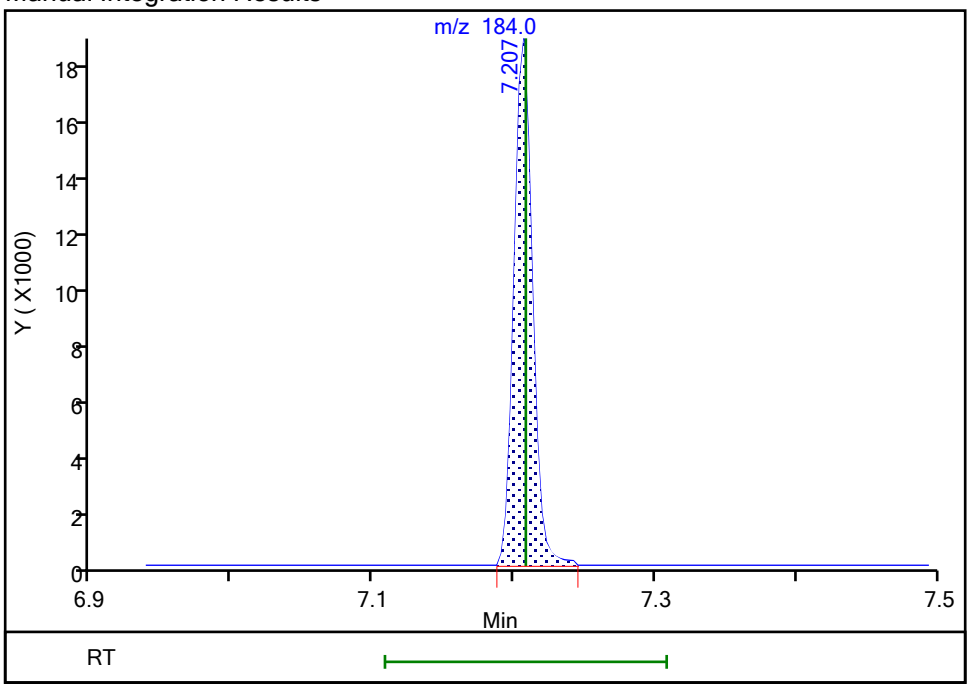
Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results

RT: 7.21
Area: 16728
Amount: 3.607702
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 10:29:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

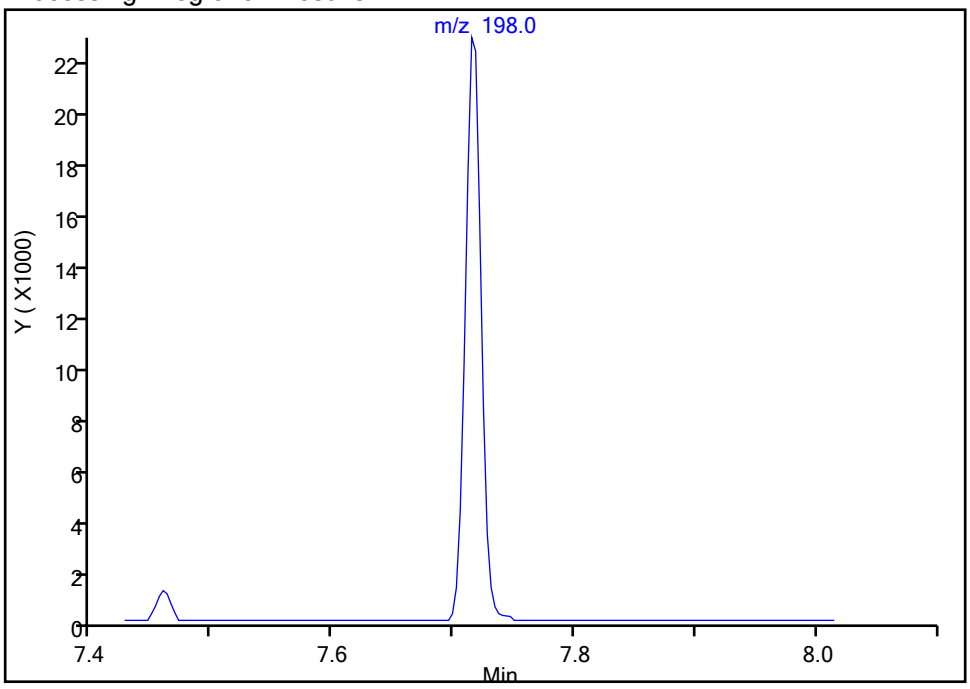
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20865.D
Injection Date: 20-Jun-2023 09:55:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

77 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

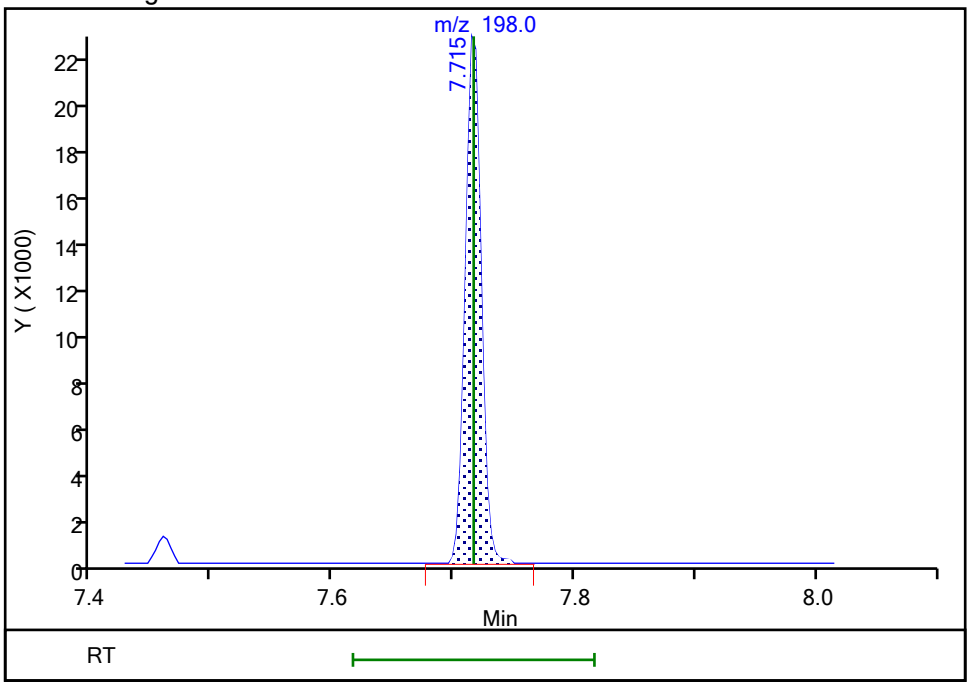
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.71
Area: 20709
Amount: 3.585386
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 10:29:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Jun-2023 10:37:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-007
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:27 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 11:00:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.701	1.698	0.003	91	14700	1.00	1.34	
	2 N-Nitrosodimethylamine	74	1.903	1.896	0.007	97	14129	1.00	0.9585	
	3 Pyridine	79	1.950	1.941	0.009	96	45279	2.00	2.10	
$	4 2-Fluorophenol	112	2.969	2.969	0.000	97	22863	1.00	1.00	
	5 Benzaldehyde	77	3.805	3.806	-0.001	98	19733	1.00	1.04	
$	6 Phenol-d5	99	3.859	3.863	-0.004	0	27816	1.00	1.00	
	7 Phenol	94	3.872	3.876	-0.004	96	30171	1.00	0.9893	
	8 Aniline	93	3.910	3.911	-0.001	98	35201	1.00	0.9888	
	9 Bis(2-chloroethyl)ether	93	3.971	3.972	-0.001	97	23518	1.00	1.05	
	10 Benzonitrile	103	3.984	3.988	-0.004	97	43171	NC	NC	
	11 2-Chlorophenol	128	4.022	4.023	-0.001	97	23436	1.00	0.9769	
	13 n-Decane	43	4.080	4.080	0.000	89	21350	1.00	1.07	
	14 1,3-Dichlorobenzene	146	4.175	4.176	-0.001	97	27719	1.00	1.05	
*	15 1,4-Dichlorobenzene-d4	152	4.230	4.230	0.000	95	130180	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.249	4.250	-0.001	92	27126	1.00	1.02	
	17 Benzyl alcohol	108	4.364	4.361	0.003	94	14422	1.00	0.9673	
	19 1,2-Dichlorobenzene	146	4.393	4.393	0.000	96	26359	1.00	1.04	
	20 2-Methylphenol	108	4.469	4.470	-0.001	91	20927	1.00	0.9874	
	21 2,2'-oxybis[1-chloropropane]	45	4.498	4.502	-0.004	96	26807	1.00	1.01	
	24 N-Methylaniline	106	4.613	4.614	-0.001	88	33096	1.00	1.01	
	26 Acetophenone	105	4.619	4.620	-0.001	90	33188	1.00	1.04	
	22 4-Methylphenol	108	4.619	4.620	-0.001	79	23440	1.00	0.9873	
	23 3 & 4 Methylphenol	108	4.619	4.620	-0.001	0	23440	1.00	0.9871	
	25 N-Nitrosodi-n-propylamine	70	4.623	4.623	0.000	91	15578	1.00	1.03	
	27 Hexachloroethane	117	4.722	4.722	0.000	94	10242	1.00	1.01	
$	28 Nitrobenzene-d5	82	4.763	4.764	-0.001	85	22637	1.00	1.02	
	29 Nitrobenzene	123	4.782	4.783	-0.001	96	10996	1.00	1.02	
	30 n,n'-Dimethylaniline	120	4.789	4.789	0.000	93	32774	1.00	1.00	
	31 Isophorone	82	5.018	5.019	-0.001	99	40522	1.00	1.01	
	32 2-Nitrophenol	139	5.092	5.093	-0.001	96	10326	1.00	0.9465	
	33 2,4-Dimethylphenol	122	5.140	5.141	-0.001	92	17824	1.00	1.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.178	5.201	-0.023	84	6608	1.00	1.11	
35 Bis(2-chloroethoxy)methane	93	5.236	5.237	-0.001	98	26434	1.00	1.00	
36 2,4-Dichlorophenol	162	5.325	5.326	-0.001	98	17898	1.00	1.00	
37 1,2,4-Trichlorobenzene	180	5.408	5.409	-0.001	95	20327	1.00	1.04	
* 38 Naphthalene-d8	136	5.462	5.463	-0.001	99	465769	8.00	8.00	
39 Naphthalene	128	5.481	5.483	-0.002	99	68067	1.00	1.04	
40 4-Chloroaniline	127	5.539	5.540	-0.001	98	27665	1.00	1.04	
41 2,6-Dichlorophenol	162	5.545	5.547	-0.002	96	17351	1.00	0.9853	
42 Hexachlorobutadiene	225	5.609	5.610	-0.001	95	10242	1.00	1.02	
44 Caprolactam	113	5.852	5.860	-0.008	92	4453	1.00	1.01	
45 4-Chloro-3-methylphenol	107	6.008	6.010	-0.002	95	17018	1.00	0.9854	
46 2-Methylnaphthalene	142	6.152	6.153	-0.001	85	40750	1.00	1.04	
47 1-Methylnaphthalene	142	6.244	6.246	-0.002	92	38030	1.00	1.04	
48 Hexachlorocyclopentadiene	237	6.305	6.307	-0.002	97	11854	1.00	0.9565	
49 1,2,4,5-Tetrachlorobenzene	216	6.312	6.313	-0.001	96	18231	1.00	0.99	
50 2-tertbutyl-4-methylphenol	149	6.353	6.355	-0.002	90	20620	1.00	0.9751	
51 2,4,6-Trichlorophenol	196	6.423	6.425	-0.002	90	11954	1.00	1.01	
52 2,4,5-Trichlorophenol	196	6.452	6.454	-0.002	97	12269	1.00	0.9472	
$ 53 2-Fluorobiphenyl	172	6.510	6.511	-0.001	97	41337	1.00	0.9892	
54 1,1'-Biphenyl	154	6.602	6.604	-0.002	96	48634	1.00	1.02	
55 2-Chloronaphthalene	162	6.615	6.617	-0.002	98	39274	1.00	1.02	
56 Phenyl ether	170	6.708	6.706	0.002	88	23387	1.00	0.9559	
57 2-Nitroaniline	65	6.714	6.716	-0.002	97	11039	1.00	0.9209	
58 1,3-Dimethylnaphthalene	156	6.829	6.831	-0.002	90	26580	1.00	0.9656	
59 Dimethyl phthalate	163	6.899	6.901	-0.002	98	40851	1.00	1.01	
60 Coumarin	146	6.912	6.911	0.001	82	13000	1.00	0.9556	
61 2,6-Dinitrotoluene	165	6.950	6.952	-0.002	96	7636	1.00	0.9137	
62 Acenaphthylene	152	7.011	7.010	0.001	97	61764	1.00	1.01	
63 3-Nitroaniline	138	7.107	7.106	0.001	97	9248	1.00	0.8943	
* 64 Acenaphthene-d10	164	7.145	7.147	-0.002	96	230793	8.00	8.00	
66 Acenaphthene	154	7.177	7.179	-0.002	97	33746	1.00	1.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.180	7.182	-0.002	97	24034	1.00	0.9627	
67 2,4-Dinitrophenol	184	7.206	7.208	-0.002	96	7108	2.00	1.53	a
68 4-Nitrophenol	65	7.267	7.269	-0.002	89	12039	2.00	1.79	
69 2,4-Dinitrotoluene	165	7.330	7.333	-0.003	93	9716	1.00	0.9108	a
70 Dibenzofuran	168	7.343	7.342	0.001	97	52097	1.00	1.01	
71 2,3,4,6-Tetrachlorophenol	232	7.458	7.460	-0.002	92	8886	1.00	0.9322	
72 Diethyl phthalate	149	7.576	7.579	-0.003	98	40615	1.00	1.00	
73 n-Octadecane	57	7.605	7.607	-0.002	91	23817	1.00	0.9739	
74 Fluorene	166	7.666	7.668	-0.002	94	40710	1.00	1.02	
75 4-Chlorophenyl phenyl ether	204	7.675	7.678	-0.003	88	17702	1.00	0.99	
76 4-Nitroaniline	138	7.682	7.684	-0.002	93	8985	1.00	0.8810	
77 4,6-Dinitro-2-methylphenol	198	7.714	7.716	-0.002	87	9080	2.00	1.58	Ma
78 N-Nitrosodiphenylamine	169	7.787	7.786	0.001	71	26680	1.00	0.9676	
79 1,2-Diphenylhydrazine	77	7.825	7.825	0.000	50	40423	1.00	0.9490	
131 Azobenzene	77	7.825	7.825	0.000	96	40423	1.00	0.9477	
$ 80 2,4,6-Tribromophenol	330	7.893	7.895	-0.002	91	6668	1.00	0.9689	
83 4-Bromophenyl phenyl ether	248	8.138	8.141	-0.003	90	9796	1.00	0.9404	
84 Hexachlorobenzene	284	8.186	8.189	-0.003	96	14259	1.00	1.03	
85 Atrazine	200	8.304	8.304	0.000	91	8418	1.00	0.9732	
86 Pentachlorophenol	266	8.375	8.378	-0.003	95	14116	2.00	1.77	
87 Pentachloronitrobenzene	237	8.391	8.390	0.001	86	3651	1.00	0.8491	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.554	8.557	-0.003	98	397991	8.00	8.00	
89 Phenanthrene	178	8.576	8.579	-0.003	98	55411	1.00	1.01	
90 Anthracene	178	8.624	8.627	-0.003	97	55857	1.00	1.00	
91 Carbazole	167	8.780	8.784	-0.004	96	50190	1.00	0.9795	
92 Di-n-butyl phthalate	149	9.138	9.138	0.000	99	58014	1.00	0.9155	
93 Fluoranthene	202	9.703	9.704	-0.001	96	54855	1.00	1.02	
94 Benzidine	184	9.841	9.841	-0.001	99	28501	1.00	0.8913	
95 Pyrene	202	9.917	9.918	-0.001	95	55821	1.00	1.00	
96 Bisphenol-A	213	9.981	9.982	-0.001	97	15963	1.00	0.8488	
$ 97 Terphenyl-d14	244	10.080	10.081	-0.001	97	39179	1.00	0.99	
98 Butyl benzyl phthalate	149	10.591	10.592	-0.001	96	21765	1.00	0.8658	
100 Carbamazepine	193	10.684	10.685	-0.001	93	19635	1.00	1.09	a
101 3,3'-Dichlorobenzidine	252	11.170	11.171	-0.001	98	18185	1.00	0.9419	
102 Benzo[a]anthracene	228	11.182	11.184	-0.002	99	50318	1.00	0.99	
* 103 Chrysene-d12	240	11.195	11.197	-0.002	98	314546	8.00	8.00	
104 Chrysene	228	11.224	11.229	-0.005	97	47946	1.00	1.01	
105 Bis(2-ethylhexyl) phthalate	149	11.282	11.283	-0.001	86	32529	1.00	0.8887	
106 Di-n-octyl phthalate	149	12.151	12.153	-0.002	95	55363	1.00	0.8325	
107 Benzo[b]fluoranthene	252	12.592	12.594	-0.002	96	50965	1.00	0.99	
108 Benzo[k]fluoranthene	252	12.630	12.633	-0.003	98	53379	1.00	0.9734	
109 Benzo[a]pyrene	252	13.046	13.049	-0.003	95	44661	1.00	0.9774	
* 110 Perylene-d12	264	13.132	13.132	0.000	97	353157	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.687	14.690	-0.003	96	48929	1.00	0.9713	
112 Dibenz(a,h)anthracene	278	14.738	14.742	-0.004	96	54689	1.00	1.00	
113 Benzo[g,h,i]perylene	276	15.113	15.120	-0.007	93	54865	1.00	0.9646	
S 119 Total Cresols	1				0			1.97	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:29 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D

Injection Date: 20-Jun-2023 10:37:30 Instrument ID: CBNAMS17

Lims ID: STD1

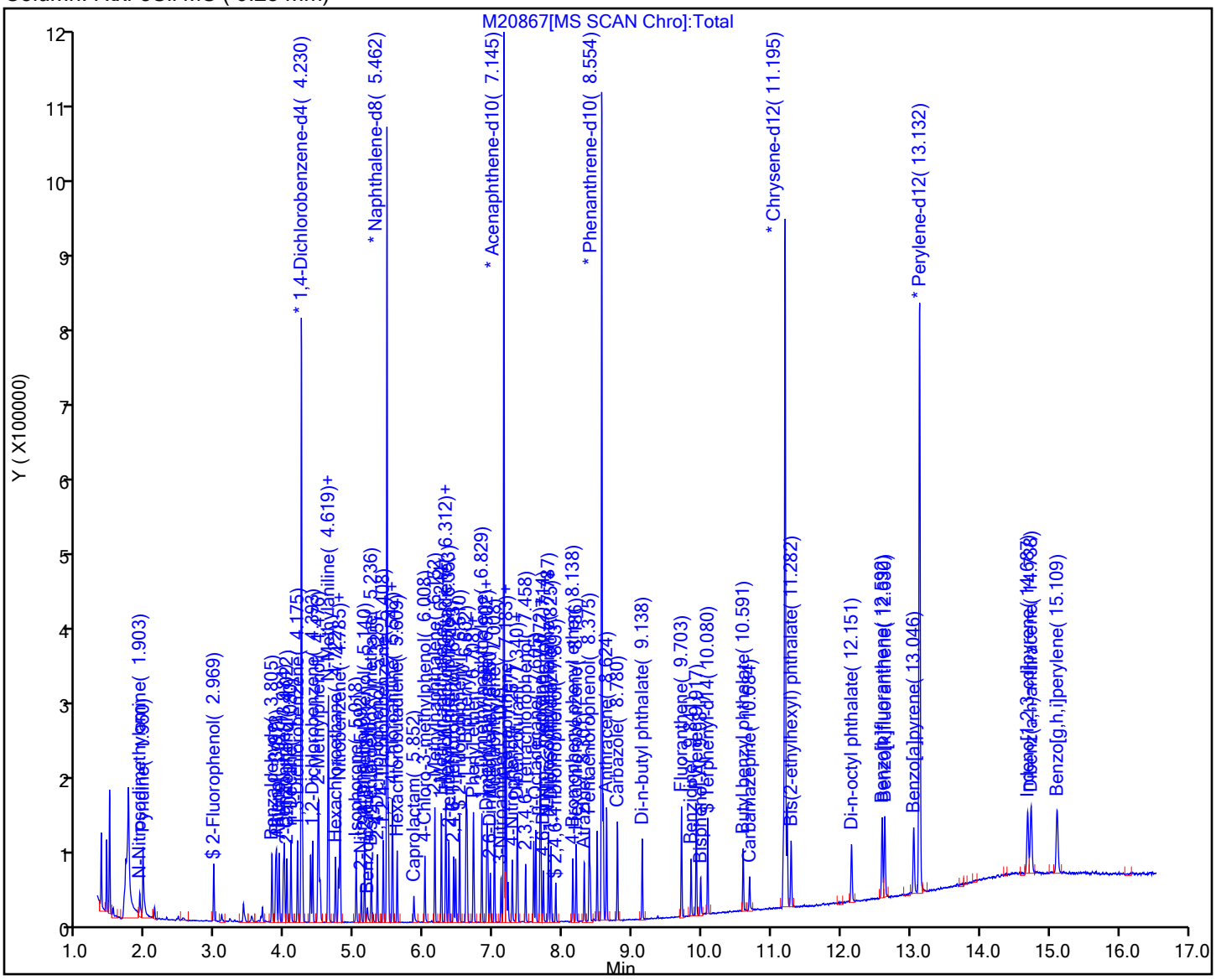
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

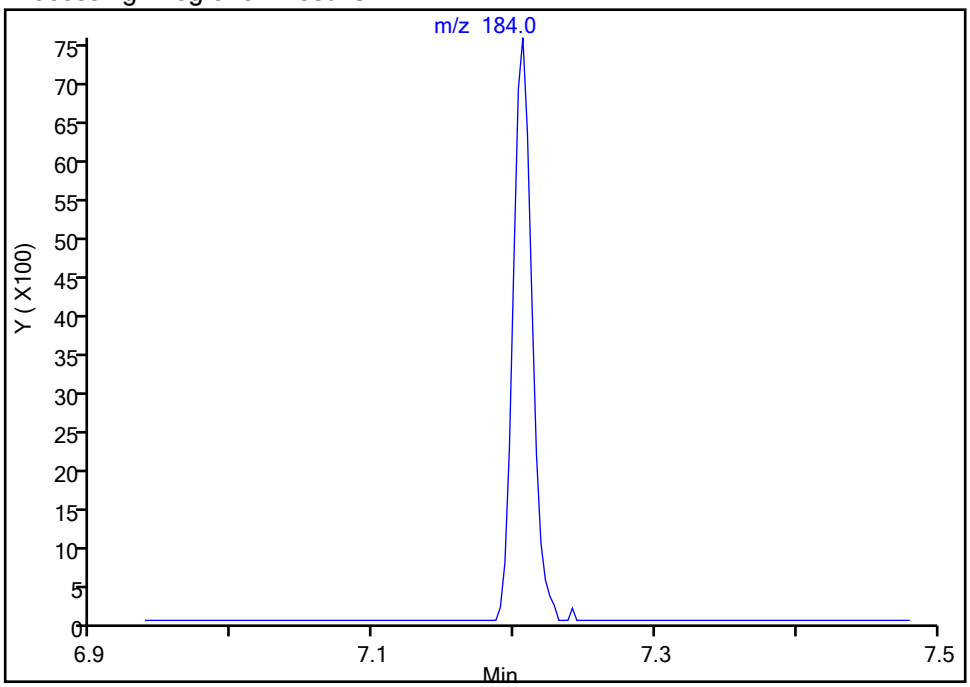
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D
Injection Date: 20-Jun-2023 10:37:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

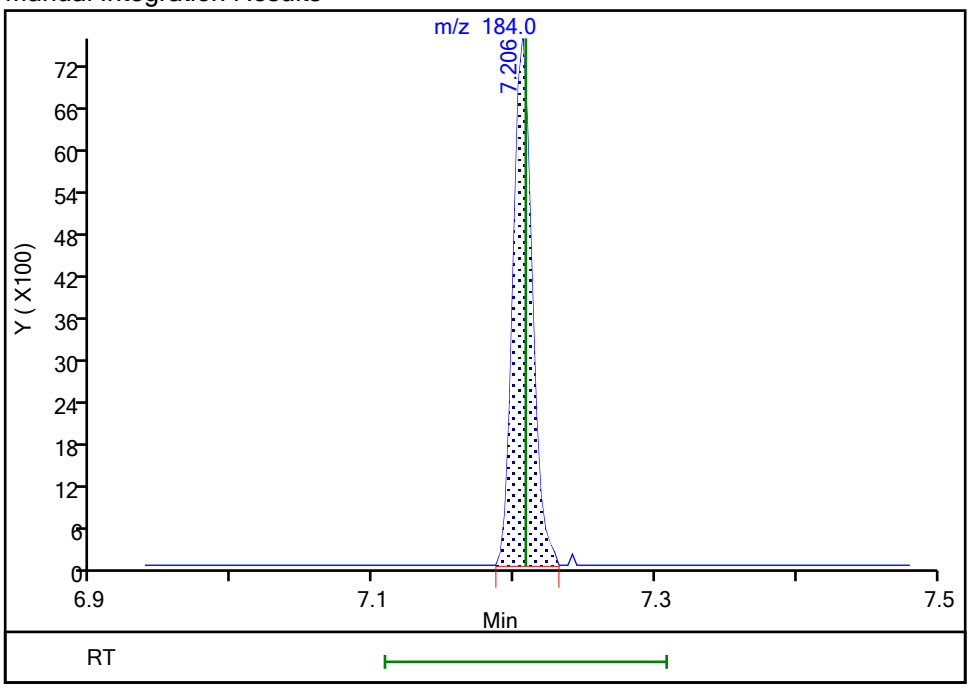
Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results

RT: 7.21
Area: 7108
Amount: 1.530401
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 11:00:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

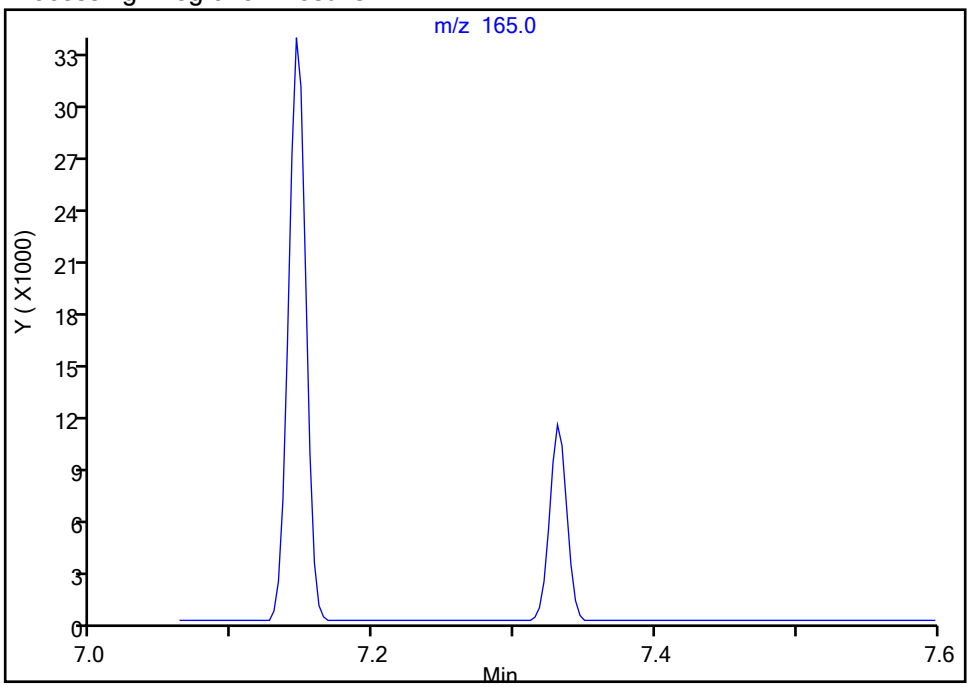
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D
Injection Date: 20-Jun-2023 10:37:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

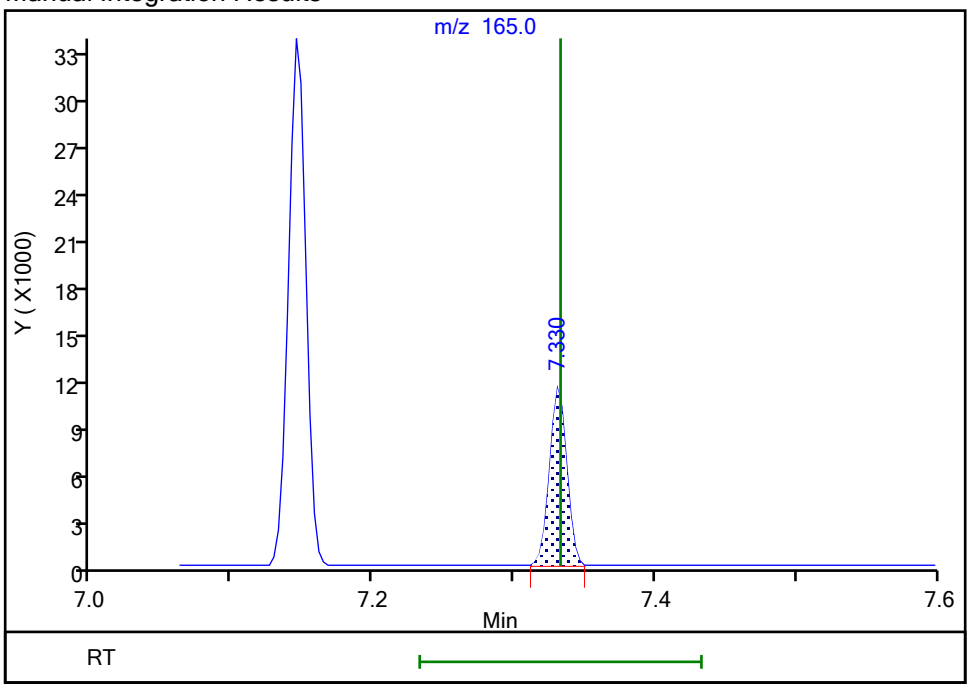
Not Detected
Expected RT: 7.33

Processing Integration Results



Manual Integration Results

RT: 7.33
Area: 9716
Amount: 0.910765
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 11:00:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

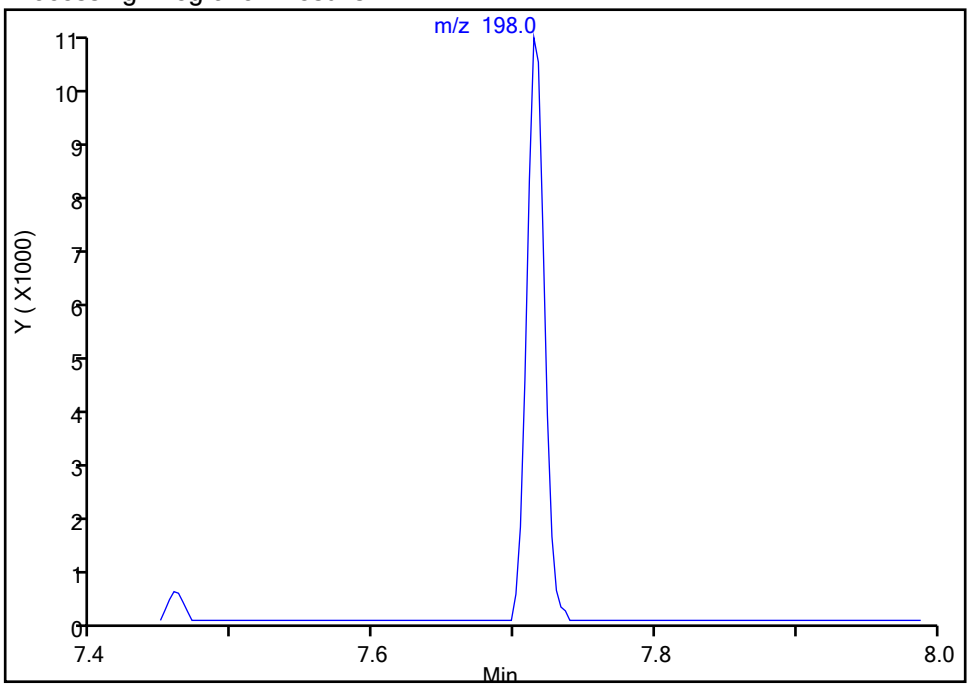
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D
Injection Date: 20-Jun-2023 10:37:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

77 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

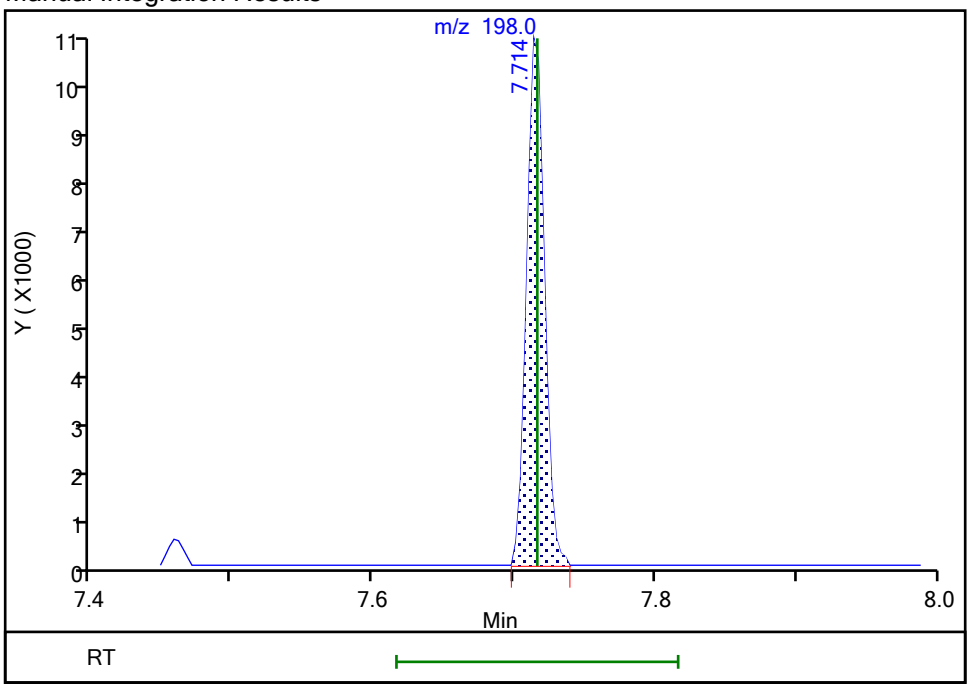
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.71
Area: 9080
Amount: 1.579589
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 11:00:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

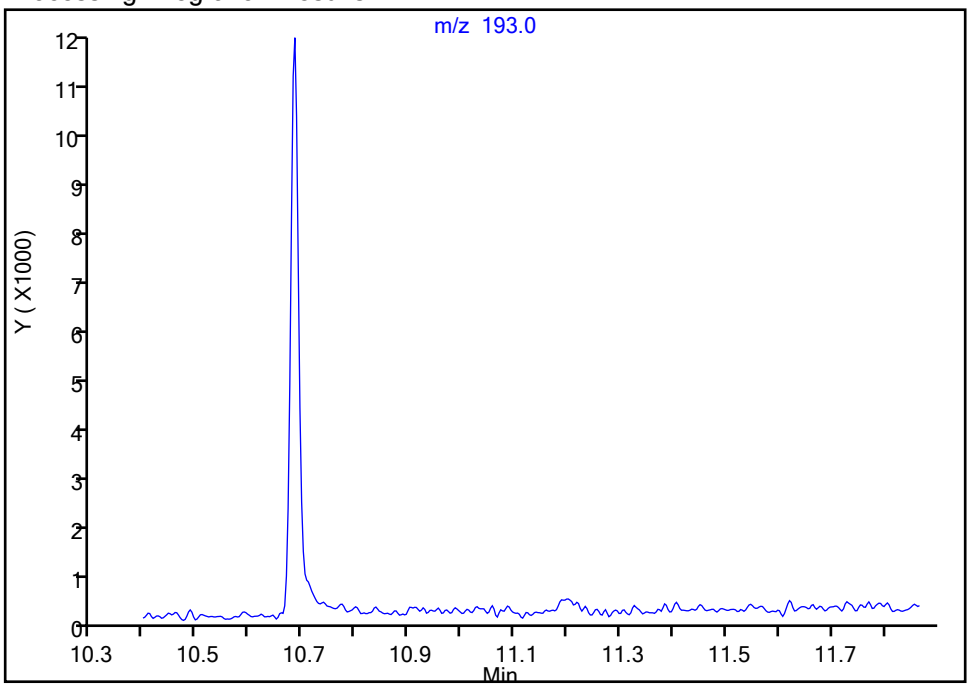
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20867.D
Injection Date: 20-Jun-2023 10:37:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

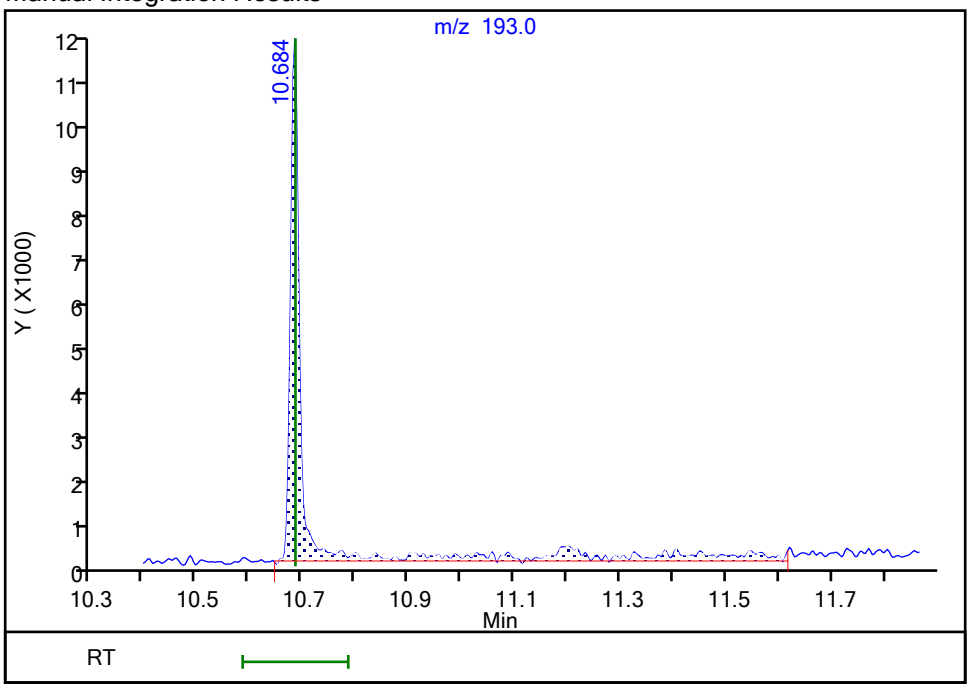
Not Detected
Expected RT: 10.69

Processing Integration Results



Manual Integration Results

RT: 10.68
Area: 19635
Amount: 1.089294
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 10:59:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20869.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Jun-2023 11:19:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-008
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:33 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 11:41:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.805	3.806	-0.001	94	7651	0.4000	0.3777	
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.230	-0.001	95	138366	8.00	8.00	
* 38 Naphthalene-d8	136	5.462	5.463	-0.001	99	498472	8.00	8.00	
44 Caprolactam	113	5.848	5.860	-0.012	90	1387	0.4000	0.3854	
* 64 Acenaphthene-d10	164	7.147	7.147	0.000	97	247393	8.00	8.00	
85 Atrazine	200	8.303	8.304	-0.001	90	3341	0.4000	0.3653	
* 88 Phenanthrene-d10	188	8.555	8.557	-0.002	99	420764	8.00	8.00	
* 103 Chrysene-d12	240	11.193	11.197	-0.004	99	325177	8.00	8.00	
* 110 Perylene-d12	264	13.133	13.132	0.001	98	361601	8.00	8.00	

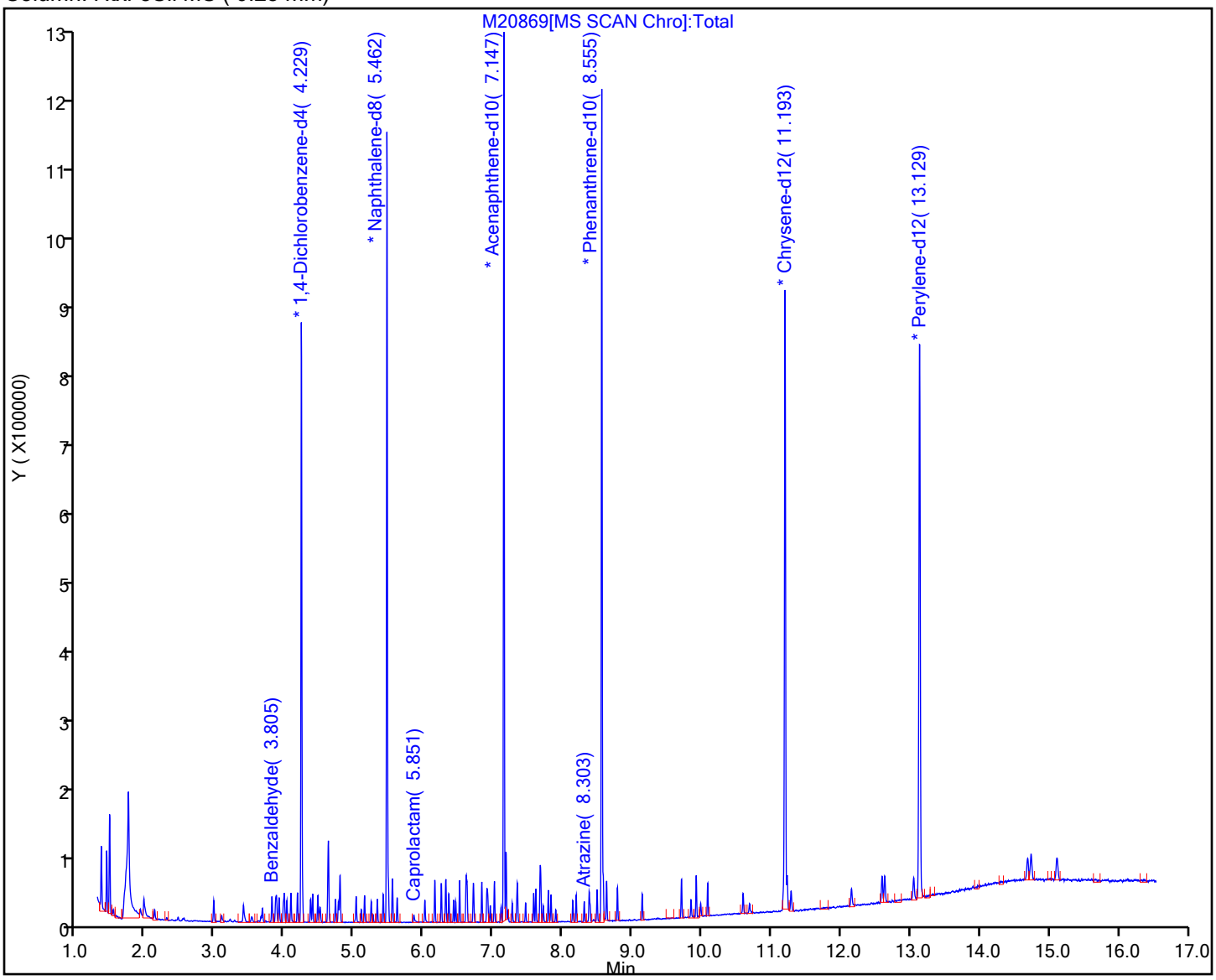
QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:34 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20869.D
Injection Date: 20-Jun-2023 11:19:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20871.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Jun-2023 12:01:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-009
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:35 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 12:24:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	1.976	1.941	0.035	96	6893	0.4000	0.3041	
$ 4 2-Fluorophenol	112	2.968	2.969	-0.001	95	4152	0.2000	0.1737	
5 Benzaldehyde	77	3.805	3.806	-0.001	94	3589	0.2000	0.1794	
$ 6 Phenol-d5	99	3.859	3.863	-0.004	0	5499	0.2000	0.1887	
9 Bis(2-chloroethyl)ether	93	3.971	3.972	-0.001	97	4623	0.2000	0.1962	
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.230	-0.001	95	136648	8.00	8.00	
24 N-Methylaniline	106	4.612	4.614	-0.002	93	6151	0.2000	0.1781	
25 N-Nitrosodi-n-propylamine	70	4.622	4.623	-0.001	83	3036	0.2000	0.1906	
27 Hexachloroethane	117	4.721	4.722	-0.001	94	2110	0.2000	0.1979	
$ 28 Nitrobenzene-d5	82	4.762	4.764	-0.002	85	4230	0.2000	0.1829	
29 Nitrobenzene	123	4.781	4.783	-0.002	97	2110	0.2000	0.1864	
30 n,n'-Dimethylaniline	120	4.788	4.789	-0.001	95	6962	0.2000	0.2029	
31 Isophorone	82	5.018	5.019	-0.001	99	7654	0.2000	0.1836	
37 1,2,4-Trichlorobenzene	180	5.410	5.409	0.001	95	4115	0.2000	0.2014	
* 38 Naphthalene-d8	136	5.461	5.463	-0.002	99	485286	8.00	8.00	
39 Naphthalene	128	5.484	5.483	0.001	98	13649	0.2000	0.2002	
40 4-Chloroaniline	127	5.538	5.540	-0.002	98	5197	0.2000	0.1875	
42 Hexachlorobutadiene	225	5.608	5.610	-0.002	94	2070	0.2000	0.1984	
44 Caprolactam	113	5.854	5.860	-0.006	82	399	0.2000	0.2037	
46 2-Methylnaphthalene	142	6.151	6.153	-0.002	87	8099	0.2000	0.1976	
47 1-Methylnaphthalene	142	6.246	6.246	0.000	90	7593	0.2000	0.1995	
50 2-tertbutyl-4-methylphenol	149	6.352	6.355	-0.003	90	4138	0.2000	0.1878	
51 2,4,6-Trichlorophenol	196	6.422	6.425	-0.003	90	2250	0.2000	0.1842	
$ 53 2-Fluorobiphenyl	172	6.508	6.511	-0.003	97	8601	0.2000	0.2002	
61 2,6-Dinitrotoluene	165	6.949	6.952	-0.003	85	1372	0.2000	0.1597	
* 64 Acenaphthene-d10	164	7.147	7.147	0.000	96	237327	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.332	7.333	-0.001	90	1602	0.2000	0.1460	a
$ 80 2,4,6-Tribromophenol	330	7.894	7.895	-0.001	85	1085	0.2000	0.1533	
84 Hexachlorobenzene	284	8.187	8.189	-0.002	95	2799	0.2000	0.1940	
85 Atrazine	200	8.302	8.304	-0.002	89	1355	0.2000	0.1499	
* 88 Phenanthrene-d10	188	8.554	8.557	-0.003	99	416030	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.704	9.704	0.000	96	10349	0.2000	0.1838	
95 Pyrene	202	9.914	9.918	-0.004	95	10685	0.2000	0.1925	
$ 97 Terphenyl-d14	244	10.080	10.081	-0.001	96	7470	0.2000	0.1892	
101 3,3'-Dichlorobenzidine	252	11.166	11.171	-0.005	96	3154	0.2000	0.1636	
102 Benzo[a]anthracene	228	11.185	11.184	0.001	99	9743	0.2000	0.1928	
* 103 Chrysene-d12	240	11.195	11.197	-0.002	99	314103	8.00	8.00	
104 Chrysene	228	11.224	11.229	-0.005	95	9031	0.2000	0.1905	
105 Bis(2-ethylhexyl) phthalate	149	11.281	11.283	-0.002	86	5587	0.2000	0.1529	a
107 Benzo[b]fluoranthene	252	12.591	12.594	-0.003	97	9707	0.2000	0.1883	
108 Benzo[k]fluoranthene	252	12.630	12.633	-0.003	97	10090	0.2000	0.1836	
109 Benzo[a]pyrene	252	13.045	13.049	-0.004	93	7881	0.2000	0.1721	
* 110 Perylene-d12	264	13.132	13.132	0.000	98	353873	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.686	14.690	-0.004	96	9689	0.2000	0.1920	
112 Dibenz(a,h)anthracene	278	14.734	14.742	-0.008	94	10323	0.2000	0.1883	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

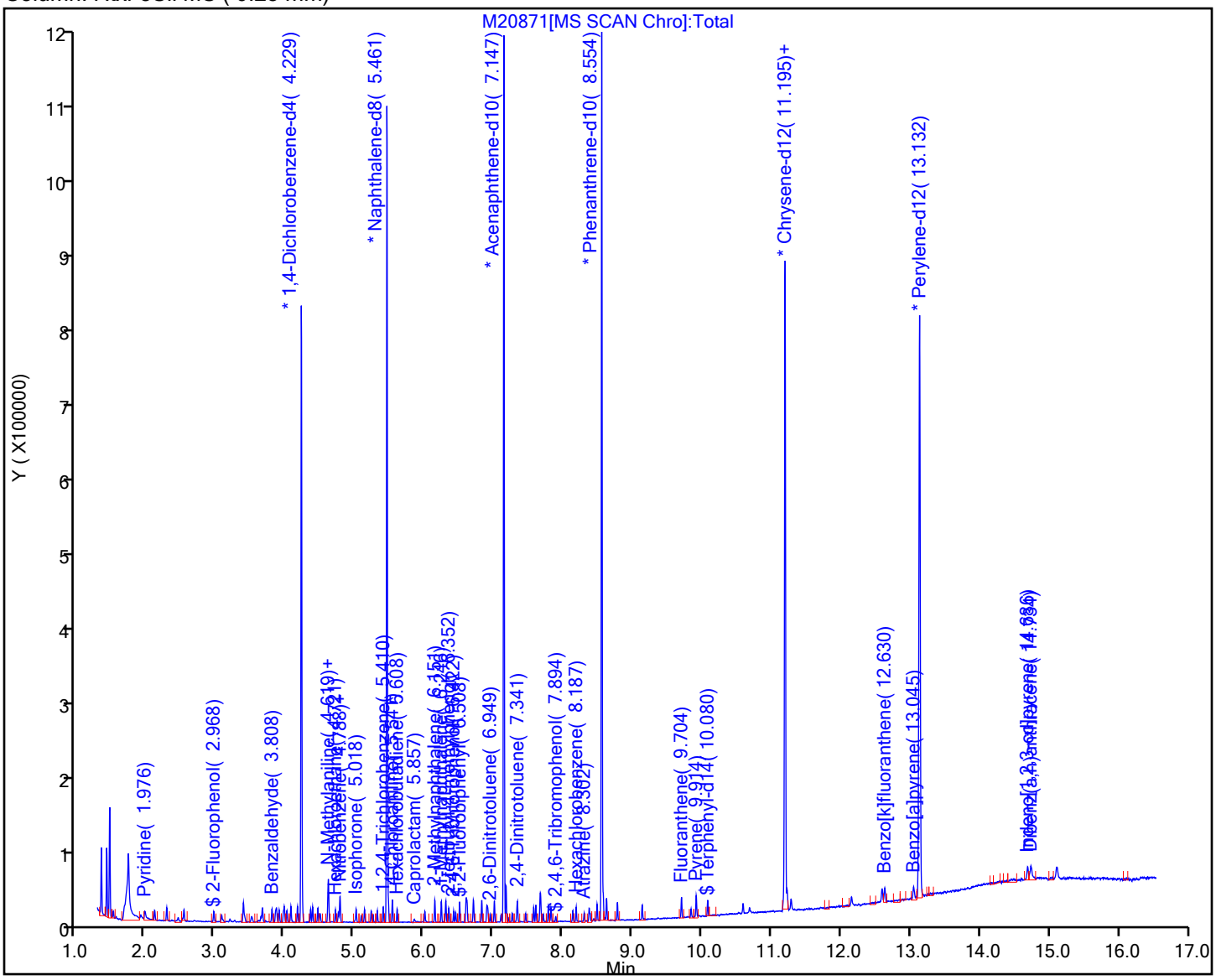
Reagents:

SV_BNAL2_LVI_00005 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:37 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20871.D
Injection Date: 20-Jun-2023 12:01:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

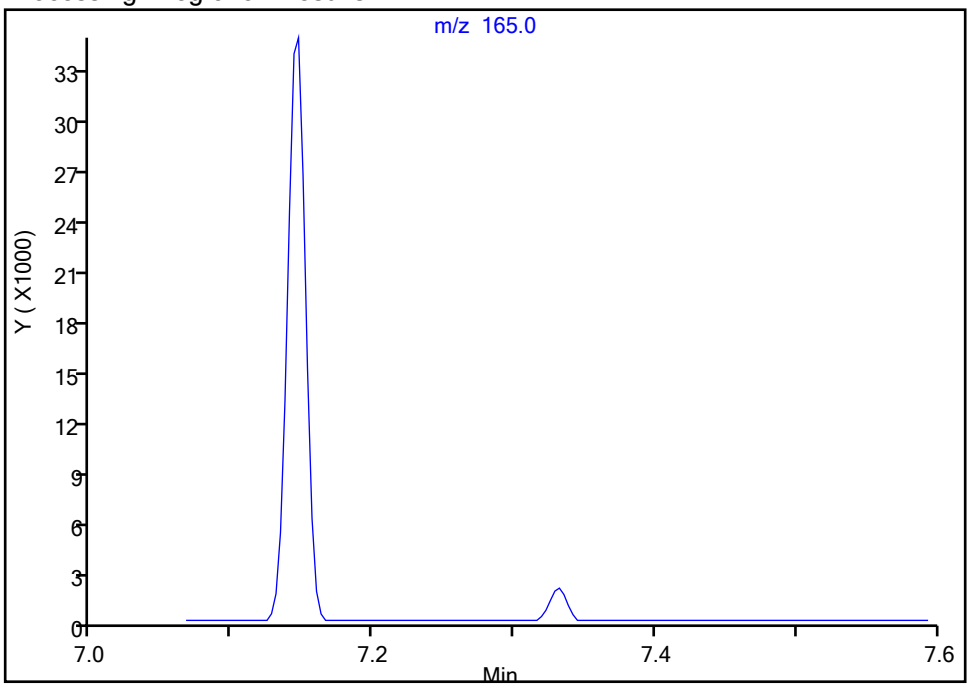
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20871.D
Injection Date: 20-Jun-2023 12:01:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

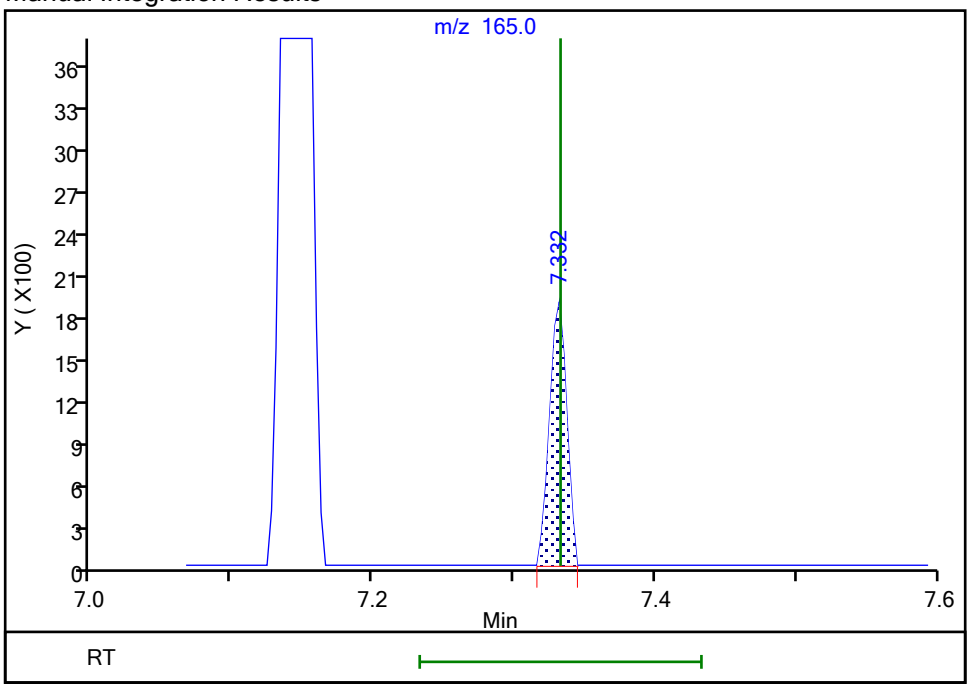
Not Detected
Expected RT: 7.33

Processing Integration Results



Manual Integration Results

RT: 7.33
Area: 1602
Amount: 0.146035
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 12:23:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

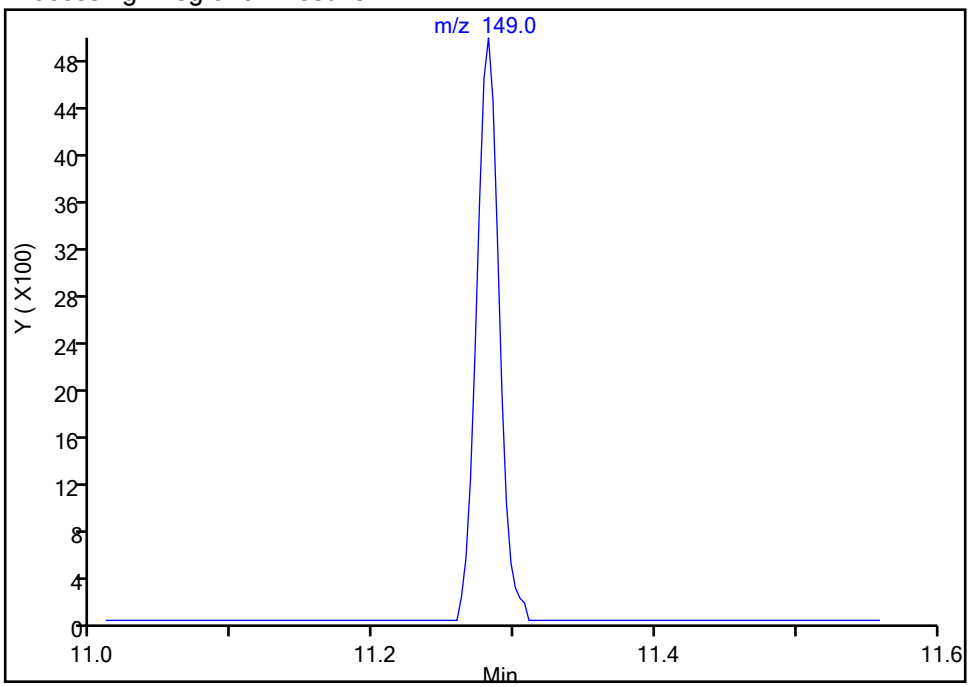
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20871.D
Injection Date: 20-Jun-2023 12:01:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

105 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

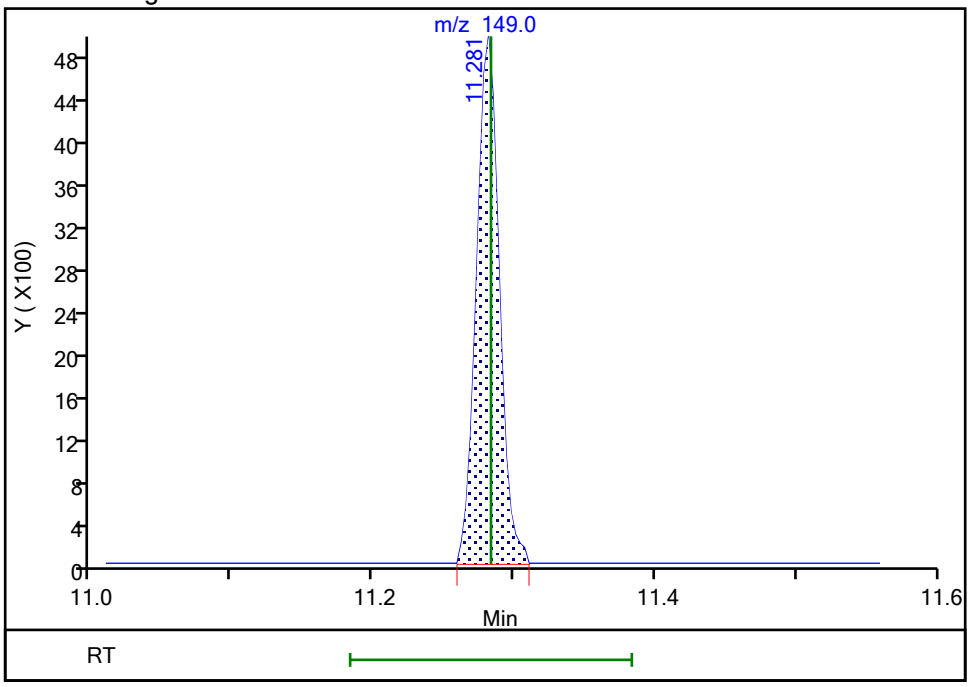
Not Detected
Expected RT: 11.28

Processing Integration Results



Manual Integration Results

RT: 11.28
Area: 5587
Amount: 0.152852
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 12:23:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Jun-2023 12:43:30 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-010
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 14:51:39 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 13:20:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	1.995	1.941	0.054	90	2848	0.2000	0.1333	a
$ 6 Phenol-d5	99	3.859	3.863	-0.004	0	2218	0.1000	0.0808	
9 Bis(2-chloroethyl)ether	93	3.971	3.972	-0.001	93	2180	0.1000	0.0982	
* 15 1,4-Dichlorobenzene-d4	152	4.229	4.230	-0.001	95	128779	8.00	8.00	
24 N-Methylaniline	106	4.612	4.614	-0.002	96	2551	0.1000	0.0784	
25 N-Nitrosodi-n-propylamine	70	4.622	4.623	-0.001	78	1450	0.1000	0.0966	a
27 Hexachloroethane	117	4.721	4.722	-0.001	90	968	0.1000	0.0964	
$ 28 Nitrobenzene-d5	82	4.765	4.764	0.001	85	1877	0.1000	0.0884	
29 Nitrobenzene	123	4.781	4.783	-0.002	94	927	0.1000	0.0869	
30 n,n'-Dimethylaniline	120	4.788	4.789	-0.001	93	2846	0.1000	0.0880	
37 1,2,4-Trichlorobenzene	180	5.410	5.409	0.001	91	1807	0.1000	0.0963	
* 38 Naphthalene-d8	136	5.461	5.463	-0.002	99	445574	8.00	8.00	
39 Naphthalene	128	5.483	5.483	0.000	99	6201	0.1000	0.0990	
40 4-Chloroaniline	127	5.538	5.540	-0.002	97	2242	0.1000	0.0881	
42 Hexachlorobutadiene	225	5.611	5.610	0.001	89	954	0.1000	0.0996	
$ 53 2-Fluorobiphenyl	172	6.508	6.511	-0.003	95	3713	0.1000	0.0925	
* 64 Acenaphthene-d10	164	7.146	7.147	-0.001	96	221599	8.00	8.00	
84 Hexachlorobenzene	284	8.187	8.189	-0.002	92	1286	0.1000	0.0958	
* 88 Phenanthrene-d10	188	8.554	8.557	-0.003	99	387074	8.00	8.00	
$ 97 Terphenyl-d14	244	10.080	10.081	-0.001	95	3425	0.1000	0.0900	
102 Benzo[a]anthracene	228	11.185	11.184	0.001	99	4993	0.1000	0.1025	
* 103 Chrysene-d12	240	11.194	11.197	-0.003	99	302762	8.00	8.00	
107 Benzo[b]fluoranthene	252	12.590	12.594	-0.004	96	4566	0.1000	0.0953	
108 Benzo[k]fluoranthene	252	12.632	12.633	-0.001	97	5126	0.1000	0.1004	
109 Benzo[a]pyrene	252	13.047	13.049	-0.002	92	3663	0.1000	0.0861	
* 110 Perylene-d12	264	13.130	13.132	-0.002	97	328860	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.687	14.690	-0.003	94	4264	0.1000	0.0909	
112 Dibenz(a,h)anthracene	278	14.735	14.742	-0.007	95	4802	0.1000	0.0943	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

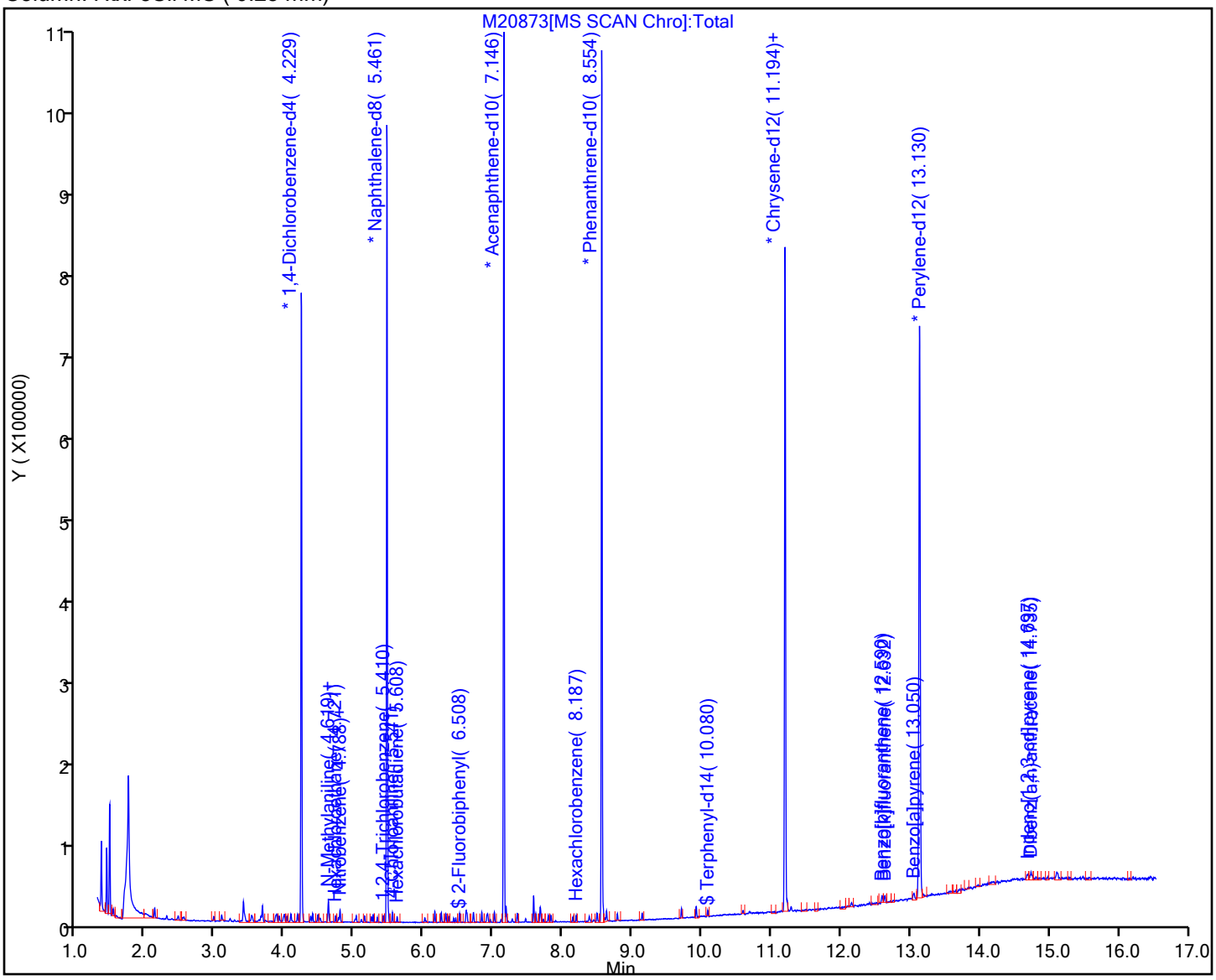
Reagents:

SV_BNAL1_LVI_00005 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 14:51:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D
Injection Date: 20-Jun-2023 12:43:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

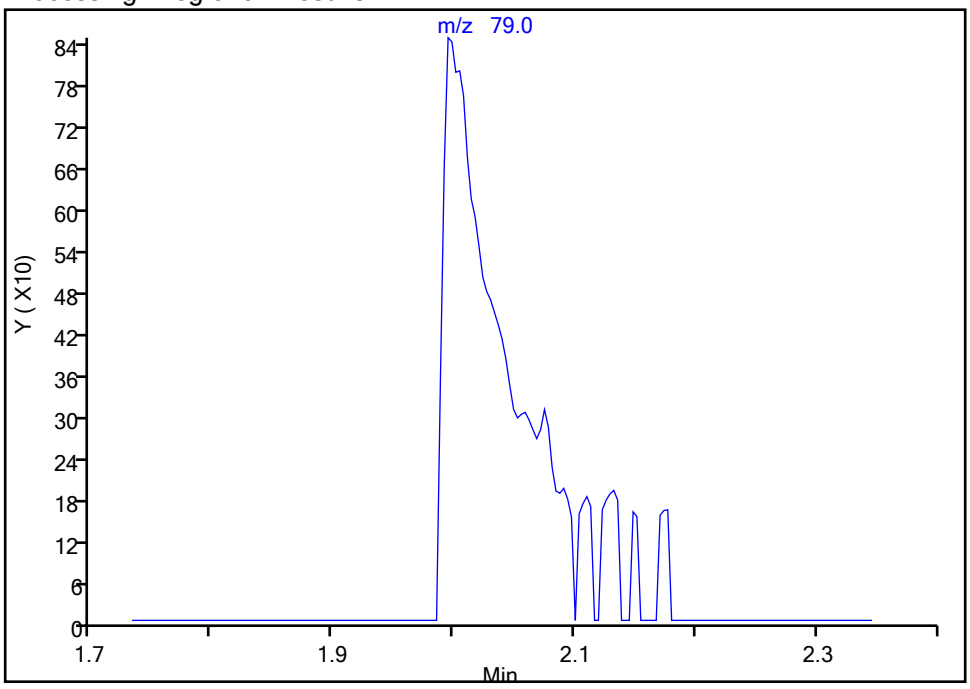
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D				
Injection Date:	20-Jun-2023 12:43:30	Instrument ID:	CBNAMS17		
Lims ID:	STD01				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

3 Pyridine, CAS: 110-86-1

Signal: 1

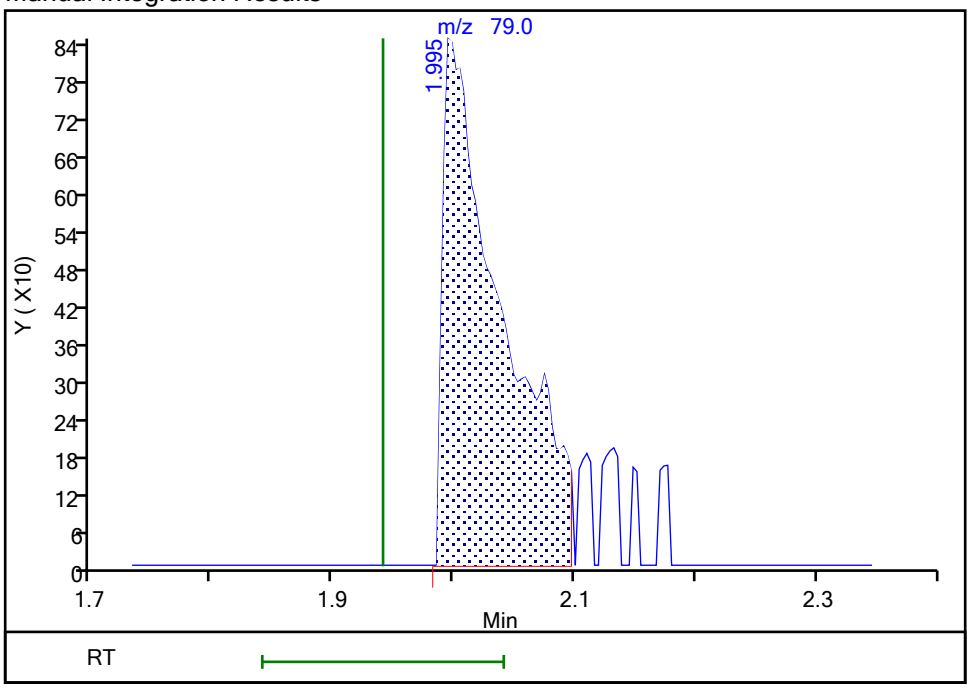
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.99
Area: 2848
Amount: 0.133322
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 13:20:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

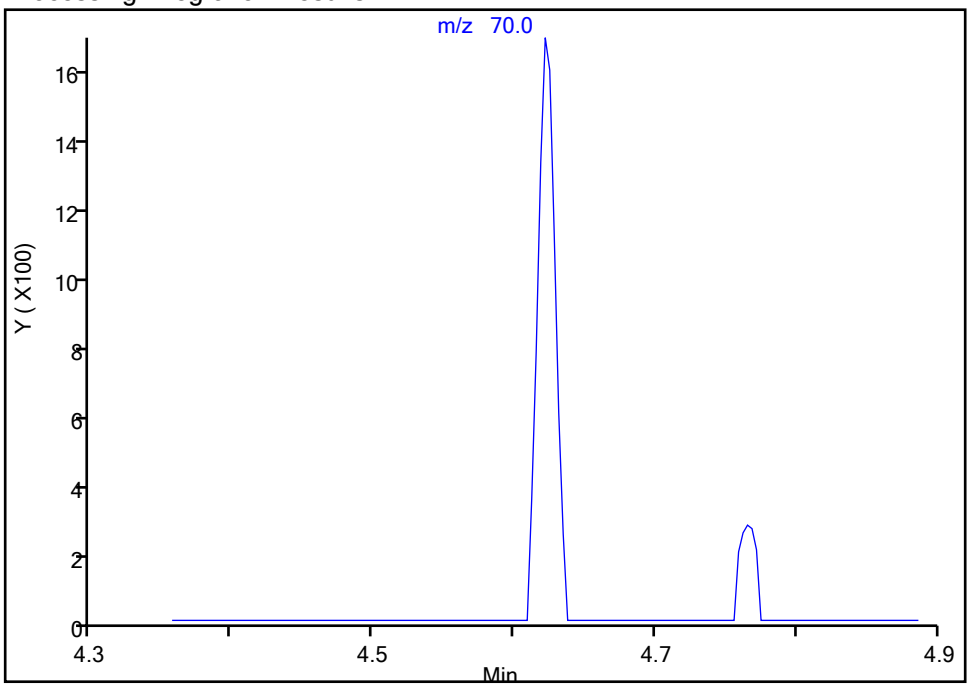
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D
Injection Date: 20-Jun-2023 12:43:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

25 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

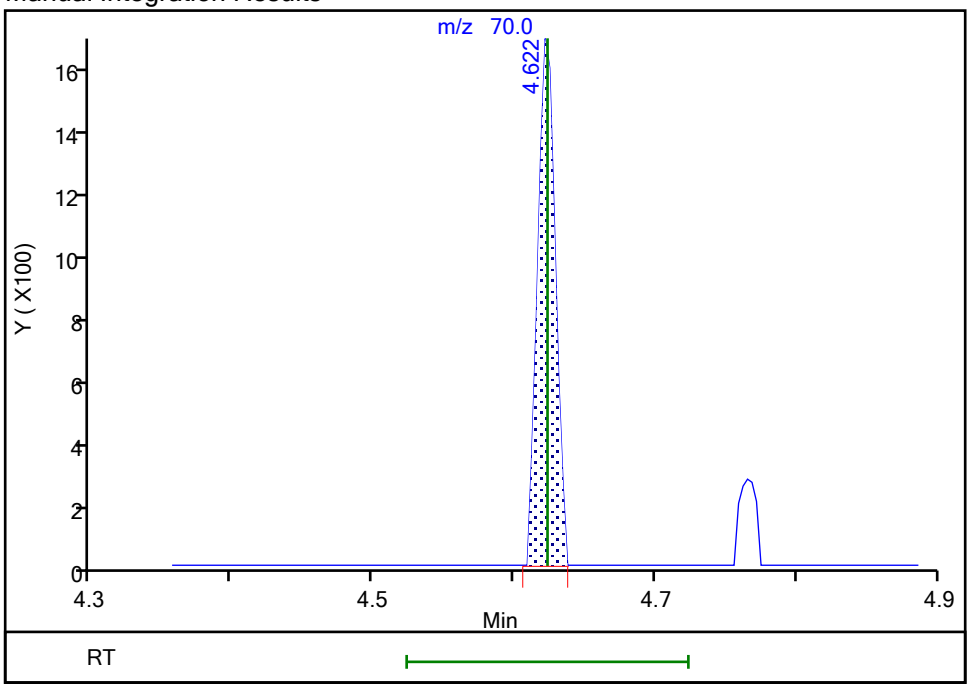
Not Detected
Expected RT: 4.62

Processing Integration Results



Manual Integration Results

RT: 4.62
Area: 1450
Amount: 0.096597
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 13:20:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / 1,4-Dioxane

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

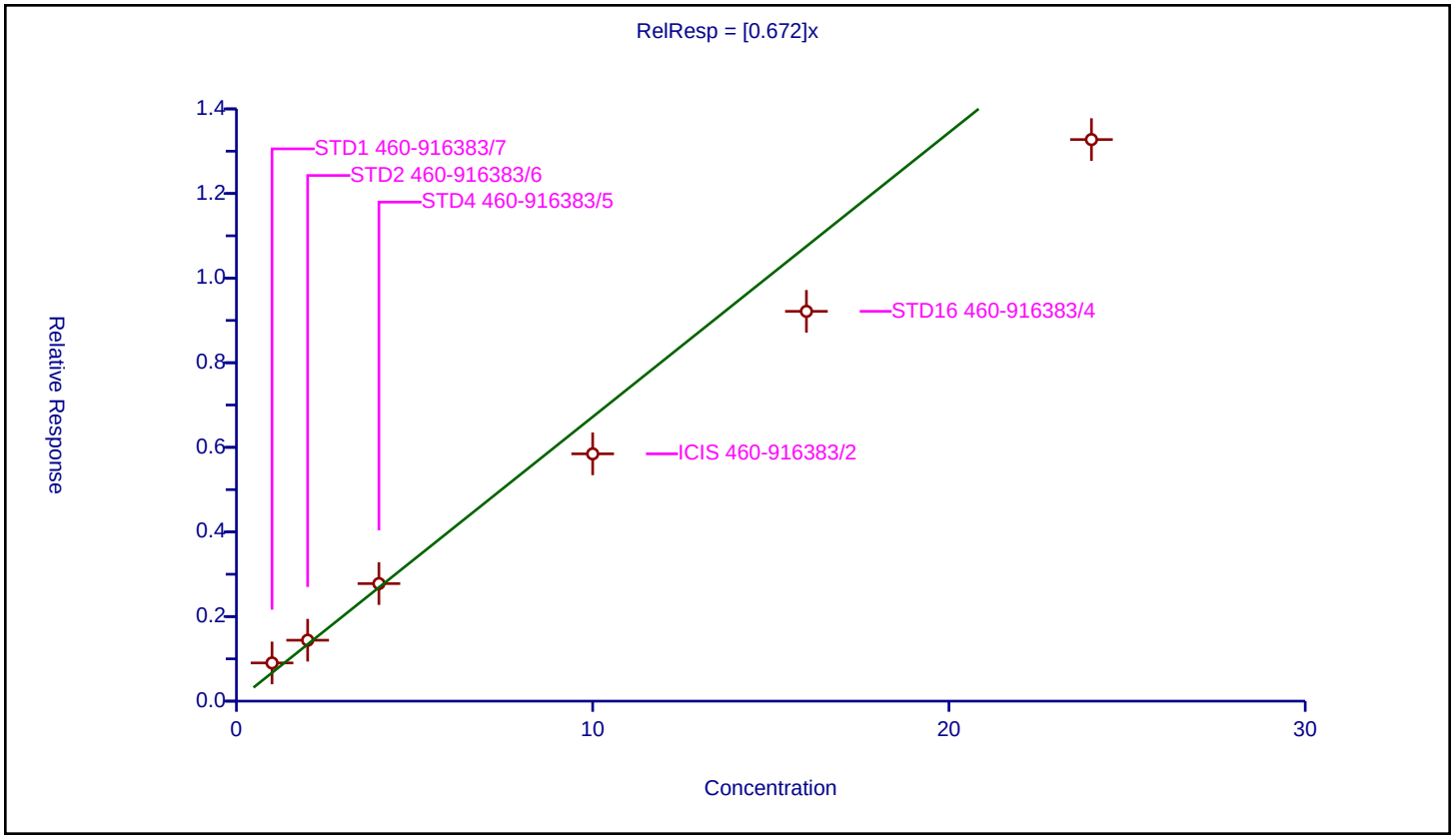
Curve Coefficients

Intercept:	0
Slope:	0.672

Error Coefficients

Standard Error:	126000
Relative Standard Error:	19.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.911

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.903365	8.0	130180.0	0.903365	Y
2	STD2 460-916383/6	2.0	1.44048	8.0	130090.0	0.72024	Y
3	STD4 460-916383/5	4.0	2.77877	8.0	127930.0	0.694692	Y
4	ICIS 460-916383/2	10.0	5.845792	8.0	142185.0	0.584579	Y
5	STD16 460-916383/4	16.0	9.21449	8.0	126486.0	0.575906	Y
6	STD24 460-916383/3	24.0	13.274595	8.0	126572.0	0.553108	Y



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

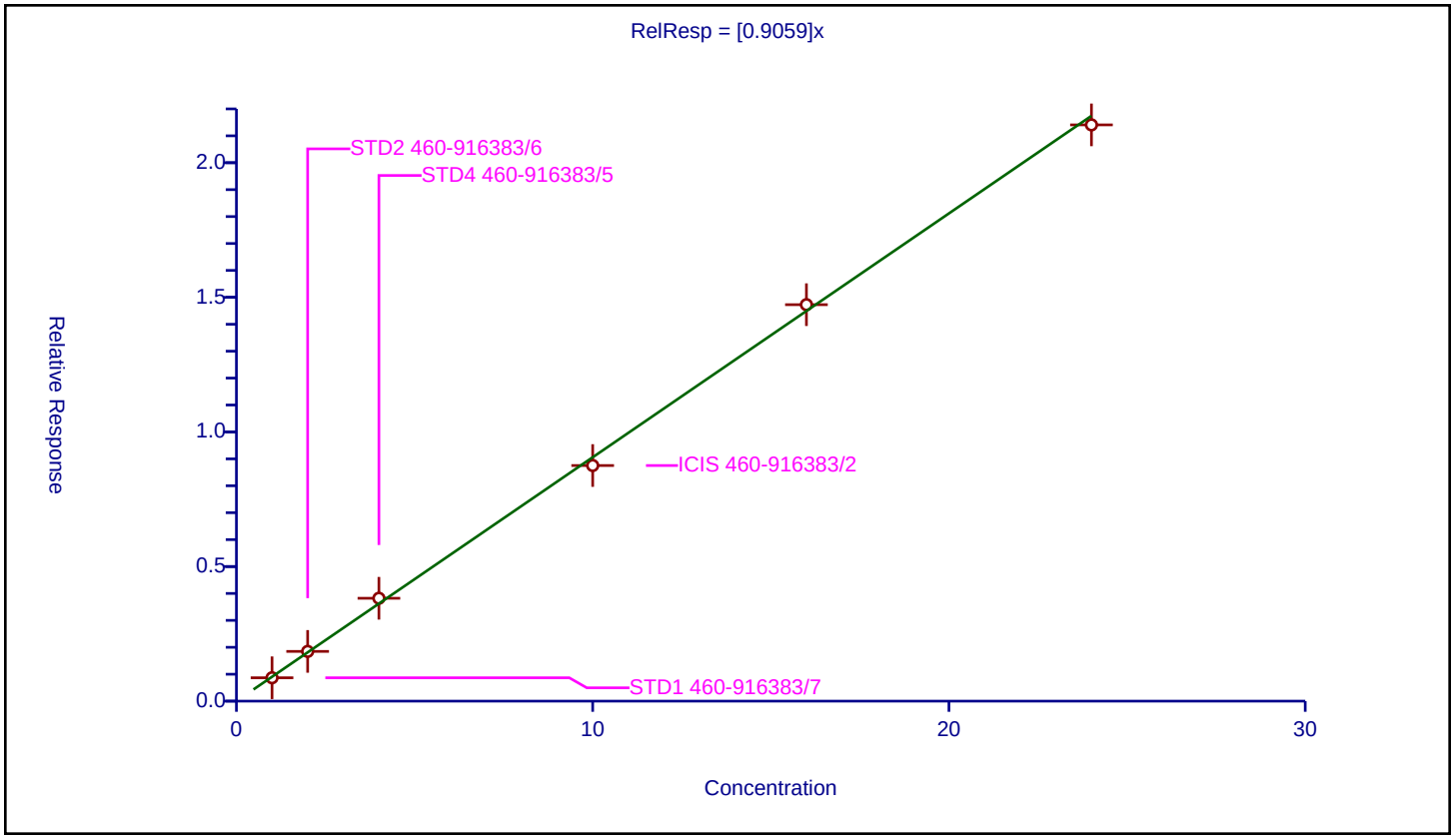
Curve Coefficients

Intercept:	0
Slope:	0.9059

Error Coefficients

Standard Error:	199000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.868275	8.0	130180.0	0.868275	Y
2	STD2 460-916383/6	2.0	1.847521	8.0	130090.0	0.92376	Y
3	STD4 460-916383/5	4.0	3.82184	8.0	127930.0	0.95546	Y
4	ICIS 460-916383/2	10.0	8.752428	8.0	142185.0	0.875243	Y
5	STD16 460-916383/4	16.0	14.727258	8.0	126486.0	0.920454	Y
6	STD24 460-916383/3	24.0	21.405998	8.0	126572.0	0.891917	Y



Calibration / Pyridine

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

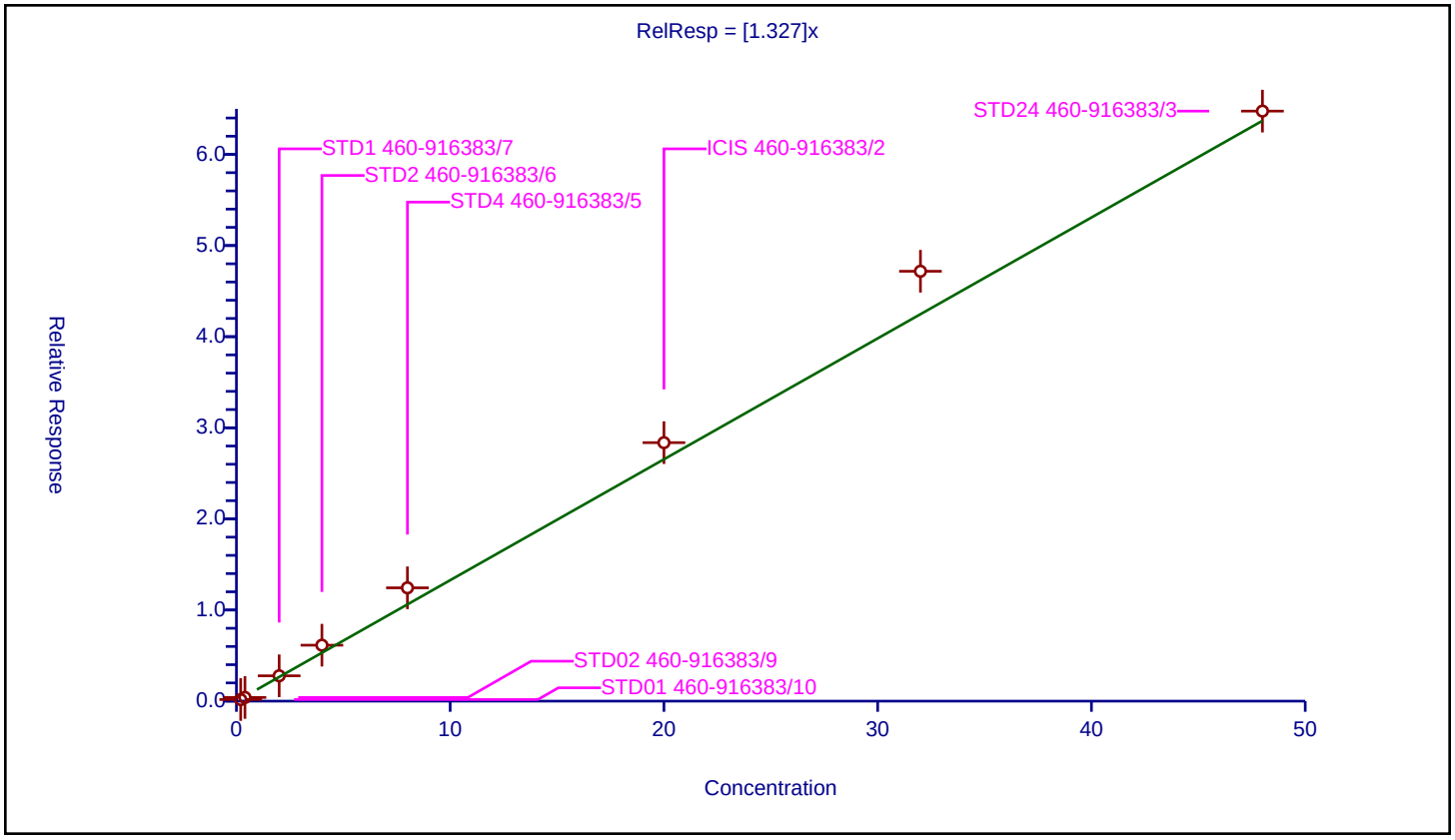
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Standard Error:	523000
Relative Standard Error:	18.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.2	0.176923	8.0	128779.0	0.884616	Y
2	STD02 460-916383/9	0.4	0.403548	8.0	136648.0	1.00887	Y
3	STD1 460-916383/7	2.0	2.782547	8.0	130180.0	1.391274	Y
4	STD2 460-916383/6	4.0	6.139503	8.0	130090.0	1.534876	Y
5	STD4 460-916383/5	8.0	12.436739	8.0	127930.0	1.554592	Y
6	ICIS 460-916383/2	20.0	28.3698	8.0	142185.0	1.41849	Y
7	STD16 460-916383/4	32.0	47.18157	8.0	126486.0	1.474424	Y
8	STD24 460-916383/3	48.0	64.757766	8.0	126572.0	1.34912	Y



7/12/2023
10:47 AM

Calibration / 2-Fluorophenol

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

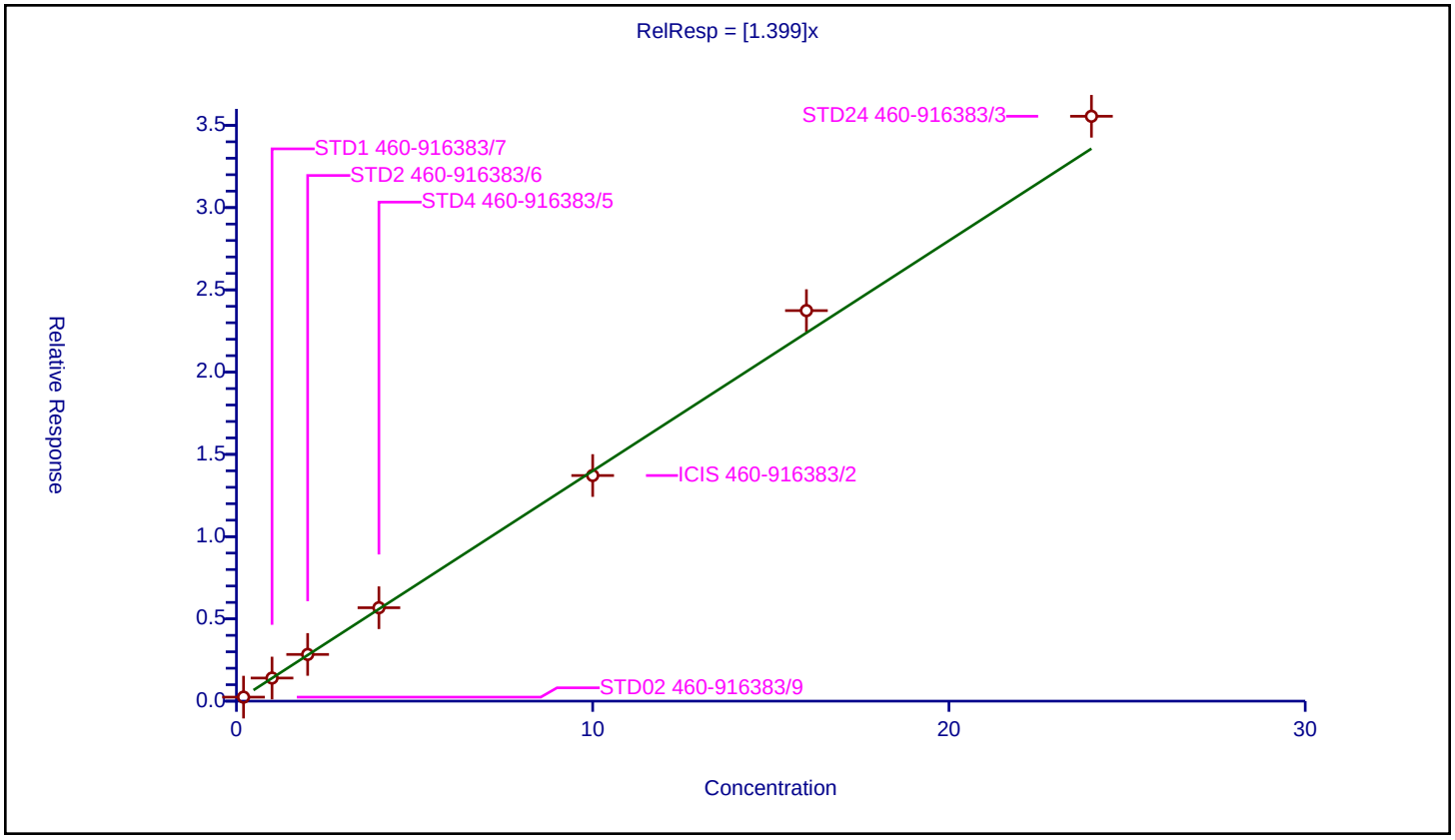
Curve Coefficients

Intercept:	0
Slope:	1.399

Error Coefficients

Standard Error:	297000
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	STD02 460-916383/9	0.2	0.243077	8.0	136648.0	1.215386	Y
2	STD1 460-916383/7	1.0	1.405008	8.0	130180.0	1.405008	Y
3	STD2 460-916383/6	2.0	2.838097	8.0	130090.0	1.419048	Y
4	STD4 460-916383/5	4.0	5.678043	8.0	127930.0	1.419511	Y
5	ICIS 460-916383/2	10.0	13.715427	8.0	142185.0	1.371543	Y
6	STD16 460-916383/4	16.0	23.740303	8.0	126486.0	1.483769	Y
7	STD24 460-916383/3	24.0	35.550738	8.0	126572.0	1.481281	Y



Calibration / Benzaldehyde

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

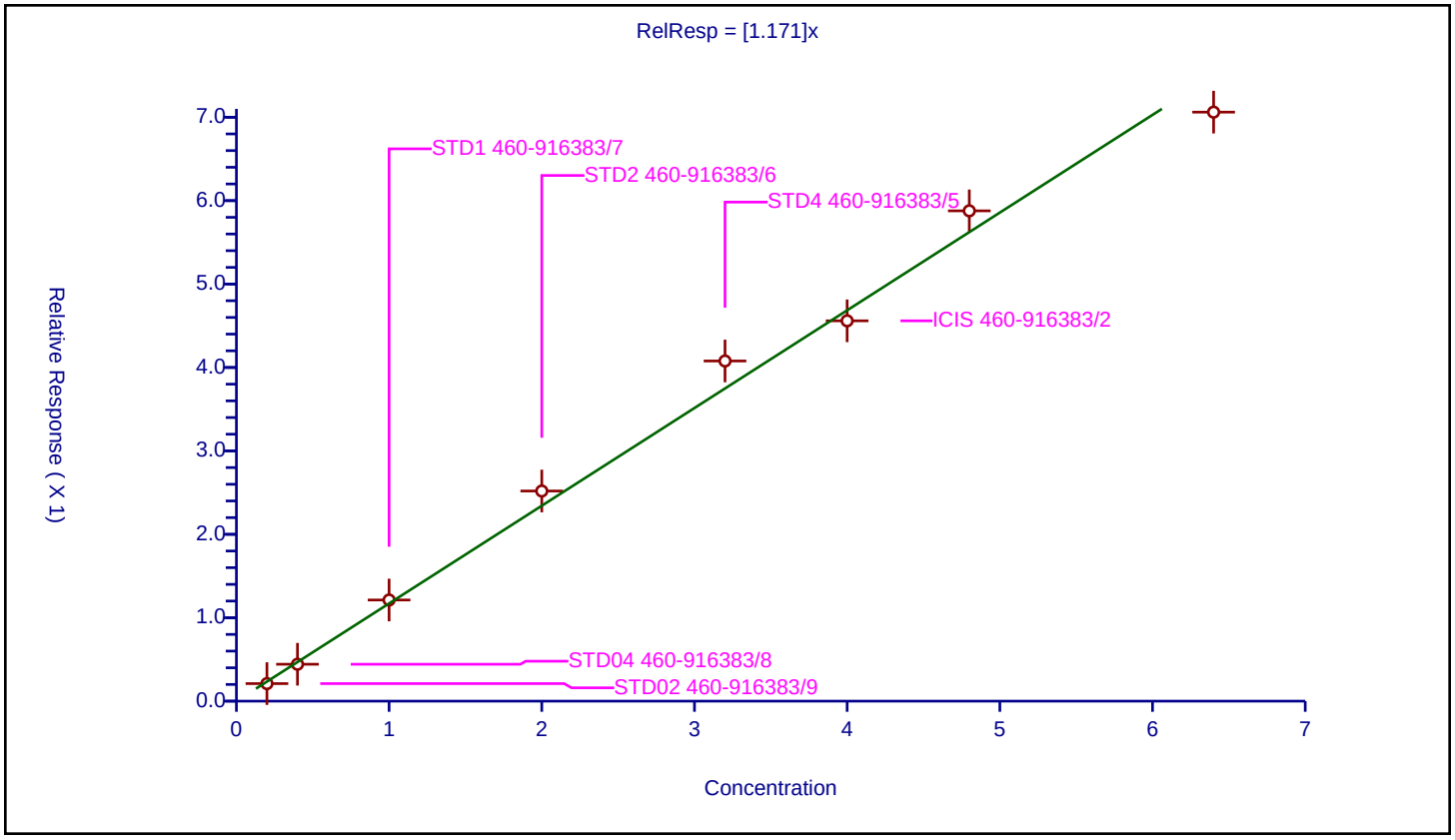
Curve Coefficients

Intercept:	0
Slope:	1.171

Error Coefficients

Standard Error:	69800
Relative Standard Error:	7.0
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.210117	8.0	136648.0	1.050583	Y
2	STD04 460-916383/8	0.4	0.442363	8.0	138366.0	1.105908	Y
3	STD1 460-916383/7	1.0	1.212659	8.0	130180.0	1.212659	Y
4	STD2 460-916383/6	2.0	2.519056	8.0	130090.0	1.259528	Y
5	STD4 460-916383/5	3.2	4.077793	8.0	127930.0	1.27431	Y
6	ICIS 460-916383/2	4.0	4.559468	8.0	142185.0	1.139867	Y
7	STD16 460-916383/4	4.8	5.87771	8.0	126486.0	1.224523	Y
8	STD24 460-916383/3	6.4	7.061088	8.0	126572.0	1.103295	Y



Calibration / Phenol-d5

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

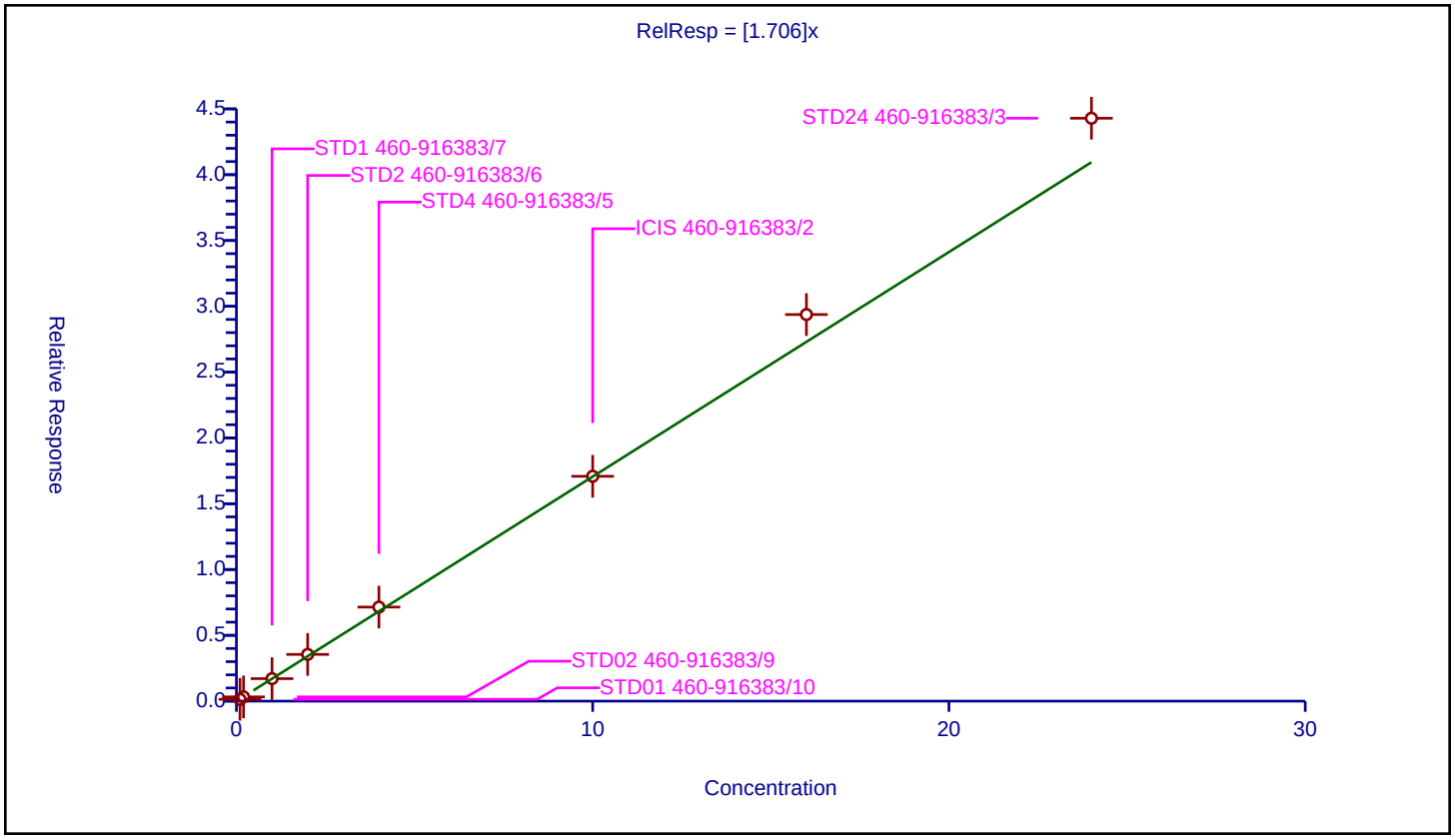
Curve Coefficients

Intercept:	0
Slope:	1.706

Error Coefficients

Standard Error:	341000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.137786	8.0	128779.0	1.377864	Y
2	STD02 460-916383/9	0.2	0.321937	8.0	136648.0	1.609683	Y
3	STD1 460-916383/7	1.0	1.709387	8.0	130180.0	1.709387	Y
4	STD2 460-916383/6	2.0	3.550773	8.0	130090.0	1.775386	Y
5	STD4 460-916383/5	4.0	7.146783	8.0	127930.0	1.786696	Y
6	ICIS 460-916383/2	10.0	17.084784	8.0	142185.0	1.708478	Y
7	STD16 460-916383/4	16.0	29.374192	8.0	126486.0	1.835887	Y
8	STD24 460-916383/3	24.0	44.289353	8.0	126572.0	1.84539	Y



Calibration / Phenol

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

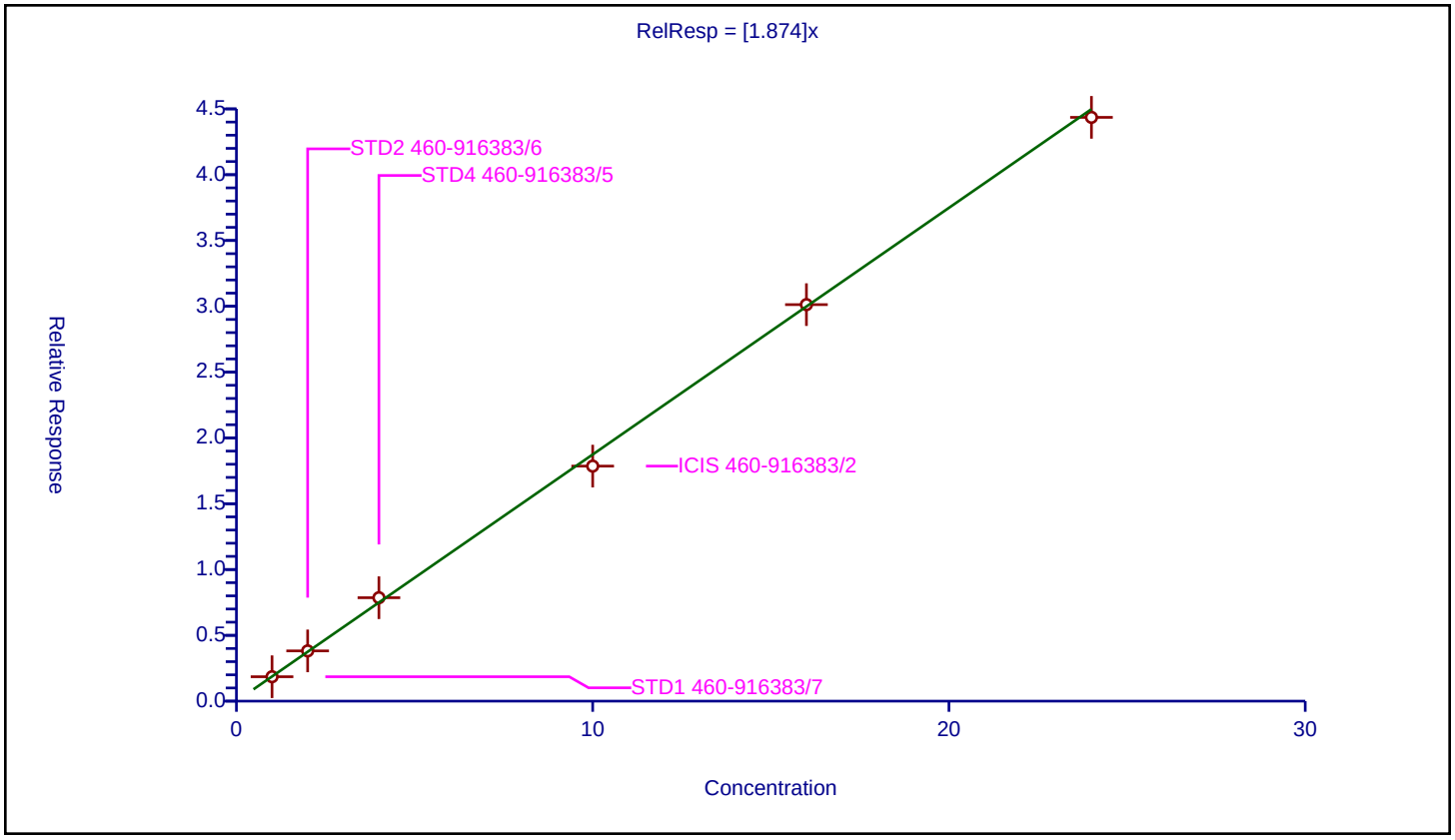
Curve Coefficients

Intercept:	0
Slope:	1.874

Error Coefficients

Standard Error:	410000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.85411	8.0	130180.0	1.85411	Y
2	STD2 460-916383/6	2.0	3.817788	8.0	130090.0	1.908894	Y
3	STD4 460-916383/5	4.0	7.85886	8.0	127930.0	1.964715	Y
4	ICIS 460-916383/2	10.0	17.858311	8.0	142185.0	1.785831	Y
5	STD16 460-916383/4	16.0	30.128362	8.0	126486.0	1.883023	Y
6	STD24 460-916383/3	24.0	44.356035	8.0	126572.0	1.848168	Y



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

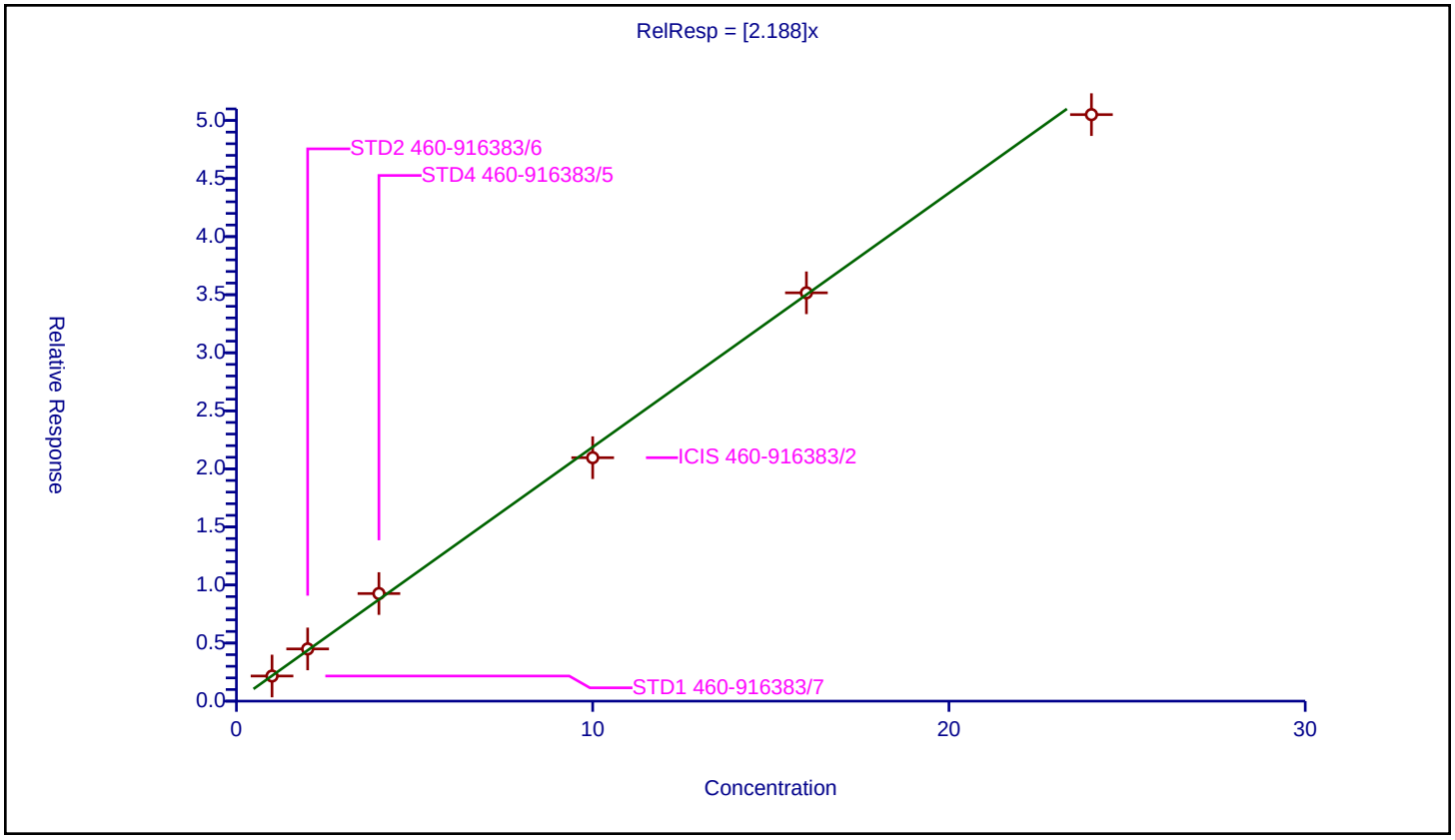
Curve Coefficients

Intercept:	0
Slope:	2.188

Error Coefficients

Standard Error:	472000
Relative Standard Error:	3.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	2.16322	8.0	130180.0	2.16322	Y
2	STD2 460-916383/6	2.0	4.496518	8.0	130090.0	2.248259	Y
3	STD4 460-916383/5	4.0	9.265317	8.0	127930.0	2.316329	Y
4	ICIS 460-916383/2	10.0	20.964687	8.0	142185.0	2.096469	Y
5	STD16 460-916383/4	16.0	35.162975	8.0	126486.0	2.197686	Y
6	STD24 460-916383/3	24.0	50.505894	8.0	126572.0	2.104412	Y



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

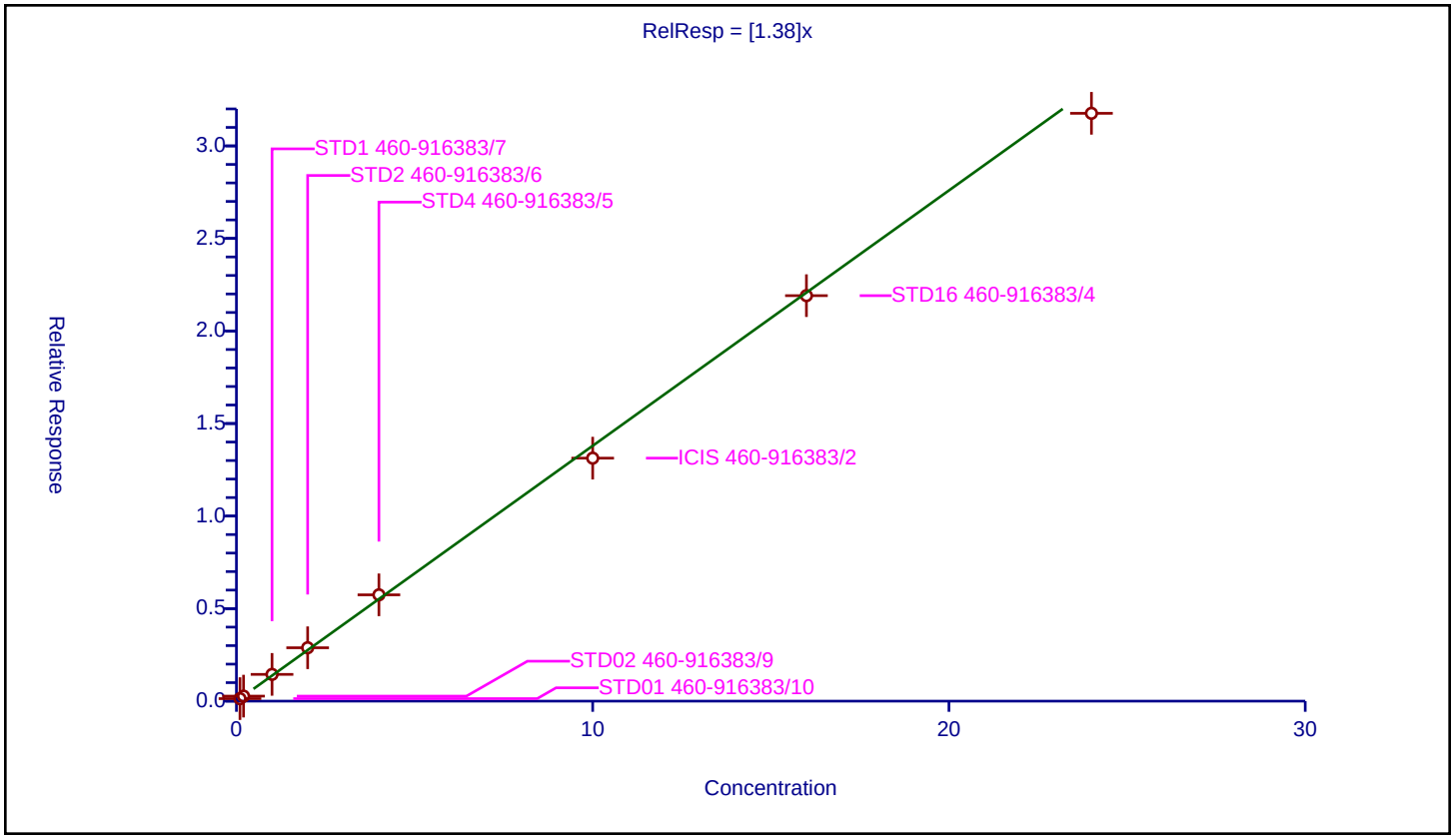
Curve Coefficients

Intercept:	0
Slope:	1.38

Error Coefficients

Standard Error:	250000
Relative Standard Error:	3.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.135426	8.0	128779.0	1.354258	Y
2	STD02 460-916383/9	0.2	0.270652	8.0	136648.0	1.353258	Y
3	STD1 460-916383/7	1.0	1.44526	8.0	130180.0	1.44526	Y
4	STD2 460-916383/6	2.0	2.885203	8.0	130090.0	1.442601	Y
5	STD4 460-916383/5	4.0	5.743954	8.0	127930.0	1.435988	Y
6	ICIS 460-916383/2	10.0	13.129261	8.0	142185.0	1.312926	Y
7	STD16 460-916383/4	16.0	21.909207	8.0	126486.0	1.369325	Y
8	STD24 460-916383/3	24.0	31.761274	8.0	126572.0	1.323386	Y



Calibration / 2-Chlorophenol

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

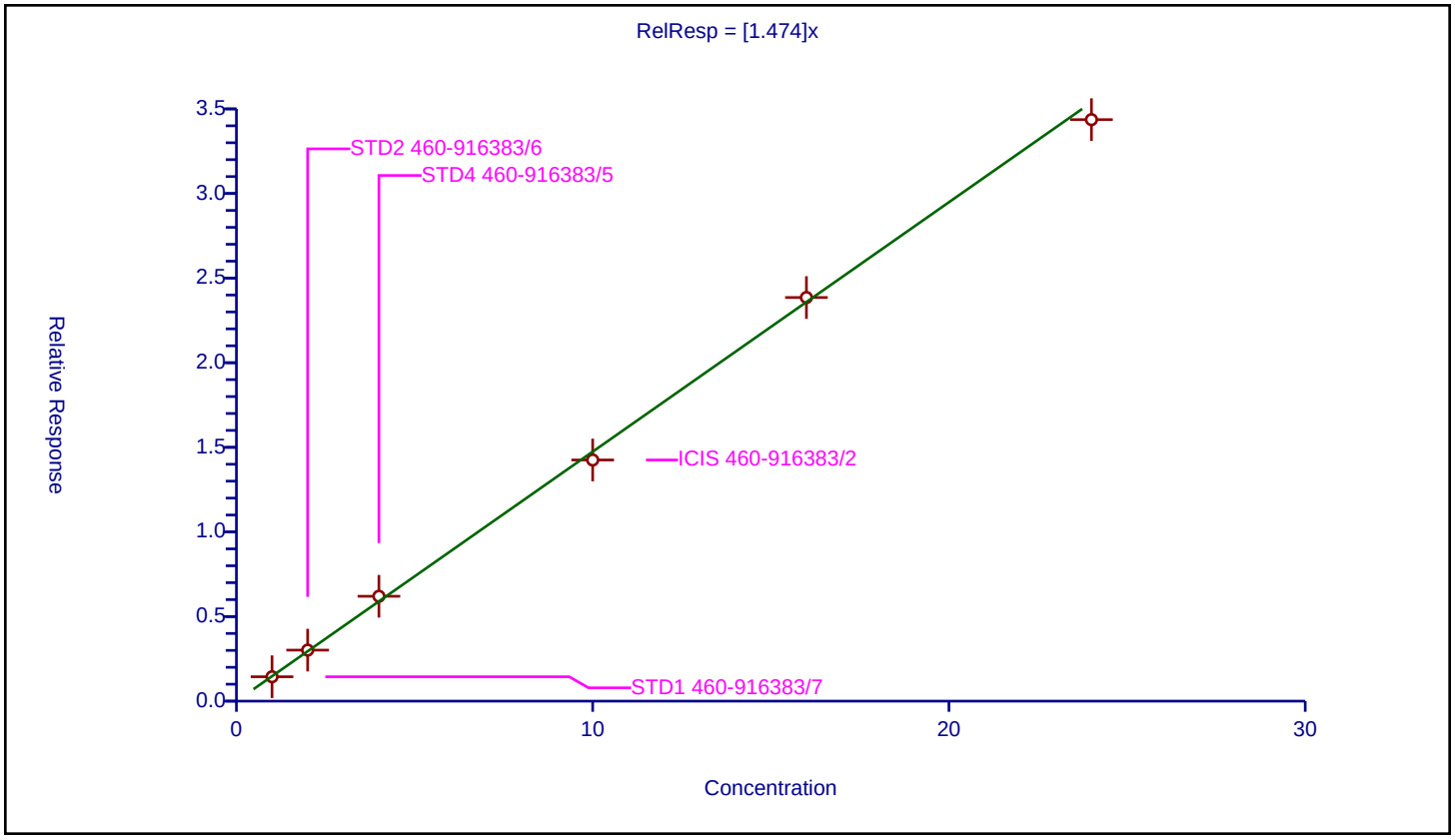
Curve Coefficients

Intercept:	0
Slope:	1.474

Error Coefficients

Standard Error:	321000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.440221	8.0	130180.0	1.440221	Y
2	STD2 460-916383/6	2.0	3.015635	8.0	130090.0	1.507818	Y
3	STD4 460-916383/5	4.0	6.197952	8.0	127930.0	1.549488	Y
4	ICIS 460-916383/2	10.0	14.250898	8.0	142185.0	1.42509	Y
5	STD16 460-916383/4	16.0	23.853075	8.0	126486.0	1.490817	Y
6	STD24 460-916383/3	24.0	34.365452	8.0	126572.0	1.431894	Y



Calibration / n-Decane

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

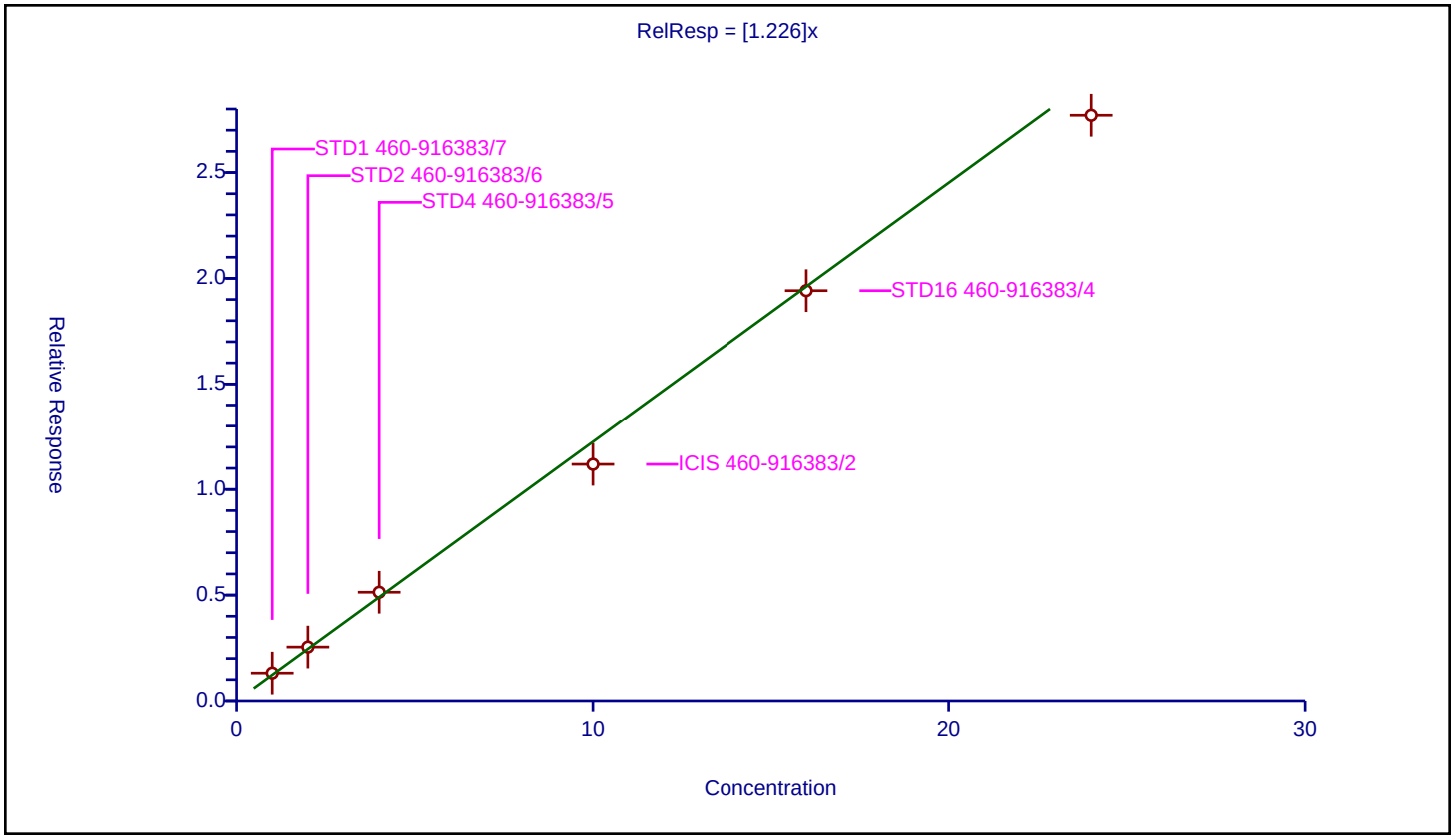
Curve Coefficients

Intercept:	0
Slope:	1.226

Error Coefficients

Standard Error:	259000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.312029	8.0	130180.0	1.312029	Y
2	STD2 460-916383/6	2.0	2.542486	8.0	130090.0	1.271243	Y
3	STD4 460-916383/5	4.0	5.134808	8.0	127930.0	1.283702	Y
4	ICIS 460-916383/2	10.0	11.189028	8.0	142185.0	1.118903	Y
5	STD16 460-916383/4	16.0	19.419509	8.0	126486.0	1.213719	Y
6	STD24 460-916383/3	24.0	27.705527	8.0	126572.0	1.154397	Y



Calibration / 1,3-Dichlorobenzene

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

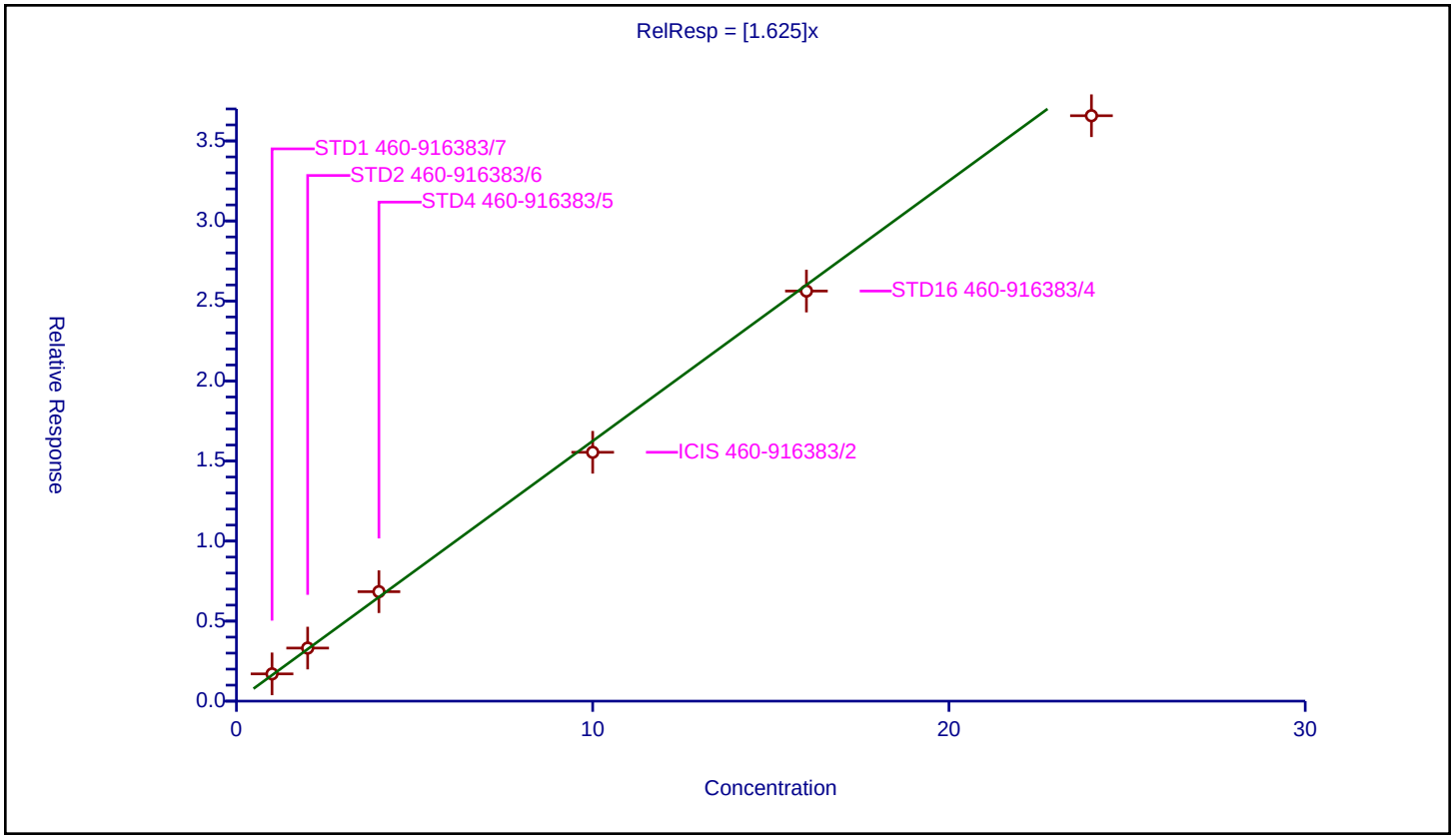
Curve Coefficients

Intercept:	0
Slope:	1.625

Error Coefficients

Standard Error:	344000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.703426	8.0	130180.0	1.703426	Y
2	STD2 460-916383/6	2.0	3.316104	8.0	130090.0	1.658052	Y
3	STD4 460-916383/5	4.0	6.837177	8.0	127930.0	1.709294	Y
4	ICIS 460-916383/2	10.0	15.547519	8.0	142185.0	1.554752	Y
5	STD16 460-916383/4	16.0	25.620859	8.0	126486.0	1.601304	Y
6	STD24 460-916383/3	24.0	36.573397	8.0	126572.0	1.523892	Y



Calibration / 1,4-Dichlorobenzene

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

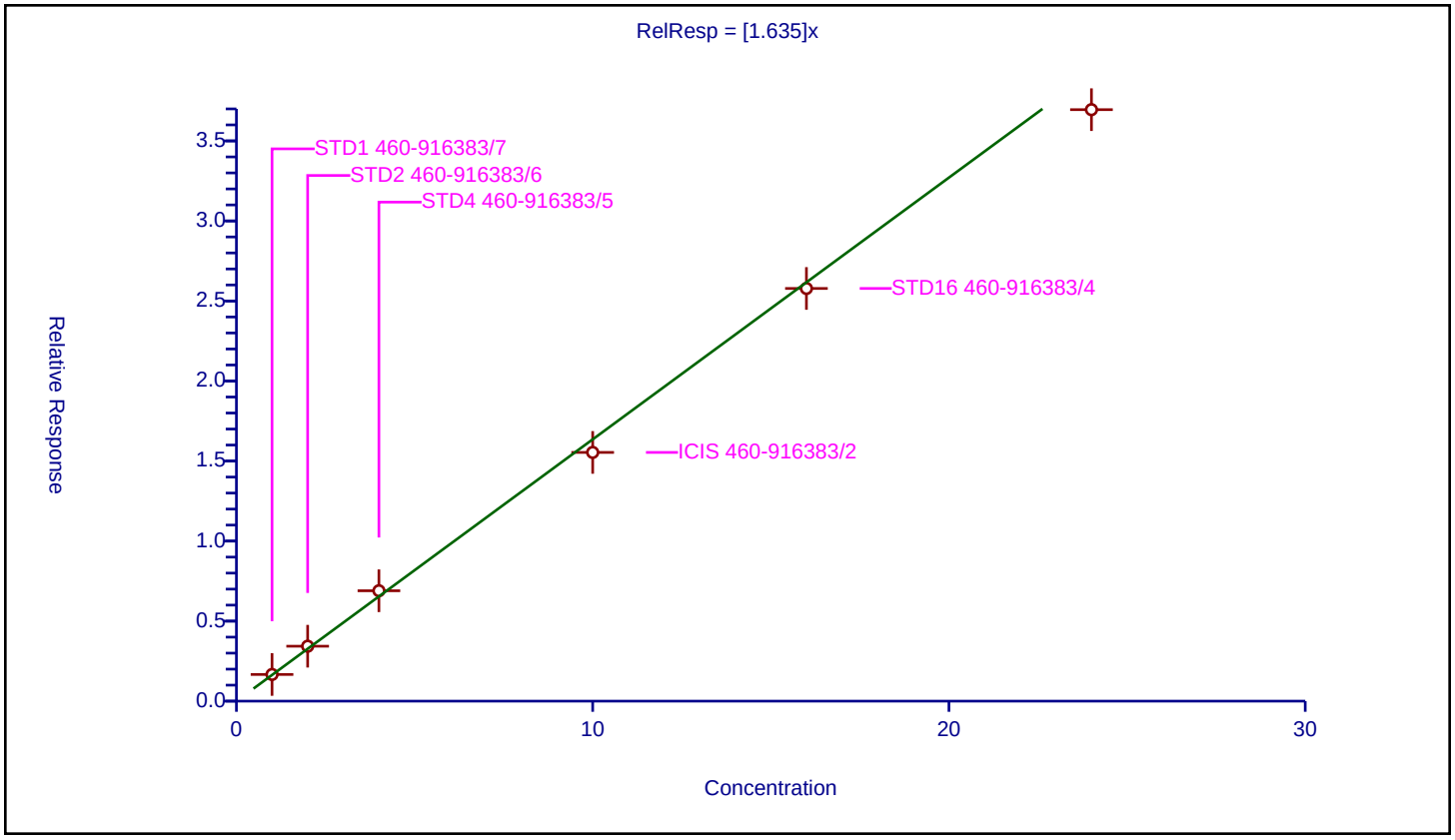
Curve Coefficients

Intercept:	0
Slope:	1.635

Error Coefficients

Standard Error:	346000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.666984	8.0	130180.0	1.666984	Y
2	STD2 460-916383/6	2.0	3.432393	8.0	130090.0	1.716196	Y
3	STD4 460-916383/5	4.0	6.896021	8.0	127930.0	1.724005	Y
4	ICIS 460-916383/2	10.0	15.537898	8.0	142185.0	1.55379	Y
5	STD16 460-916383/4	16.0	25.782015	8.0	126486.0	1.611376	Y
6	STD24 460-916383/3	24.0	36.952249	8.0	126572.0	1.539677	Y



Calibration / Benzyl alcohol

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

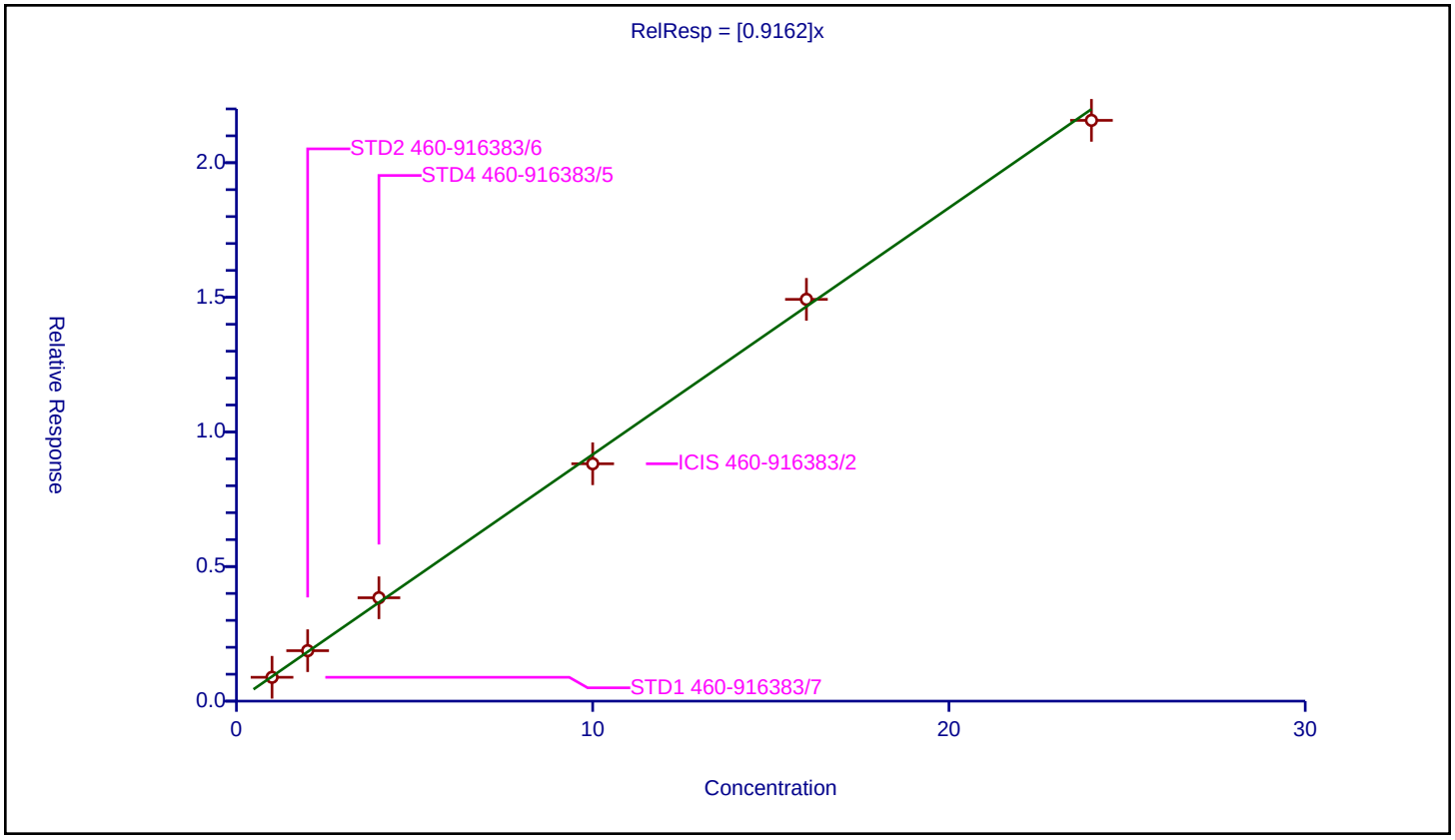
Curve Coefficients

Intercept:	0
Slope:	0.9162

Error Coefficients

Standard Error:	201000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.886281	8.0	130180.0	0.886281	Y
2	STD2 460-916383/6	2.0	1.874456	8.0	130090.0	0.937228	Y
3	STD4 460-916383/5	4.0	3.840288	8.0	127930.0	0.960072	Y
4	ICIS 460-916383/2	10.0	8.818089	8.0	142185.0	0.881809	Y
5	STD16 460-916383/4	16.0	14.925478	8.0	126486.0	0.932842	Y
6	STD24 460-916383/3	24.0	21.57444	8.0	126572.0	0.898935	Y



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Calibration / 1,2-Dichlorobenzene

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

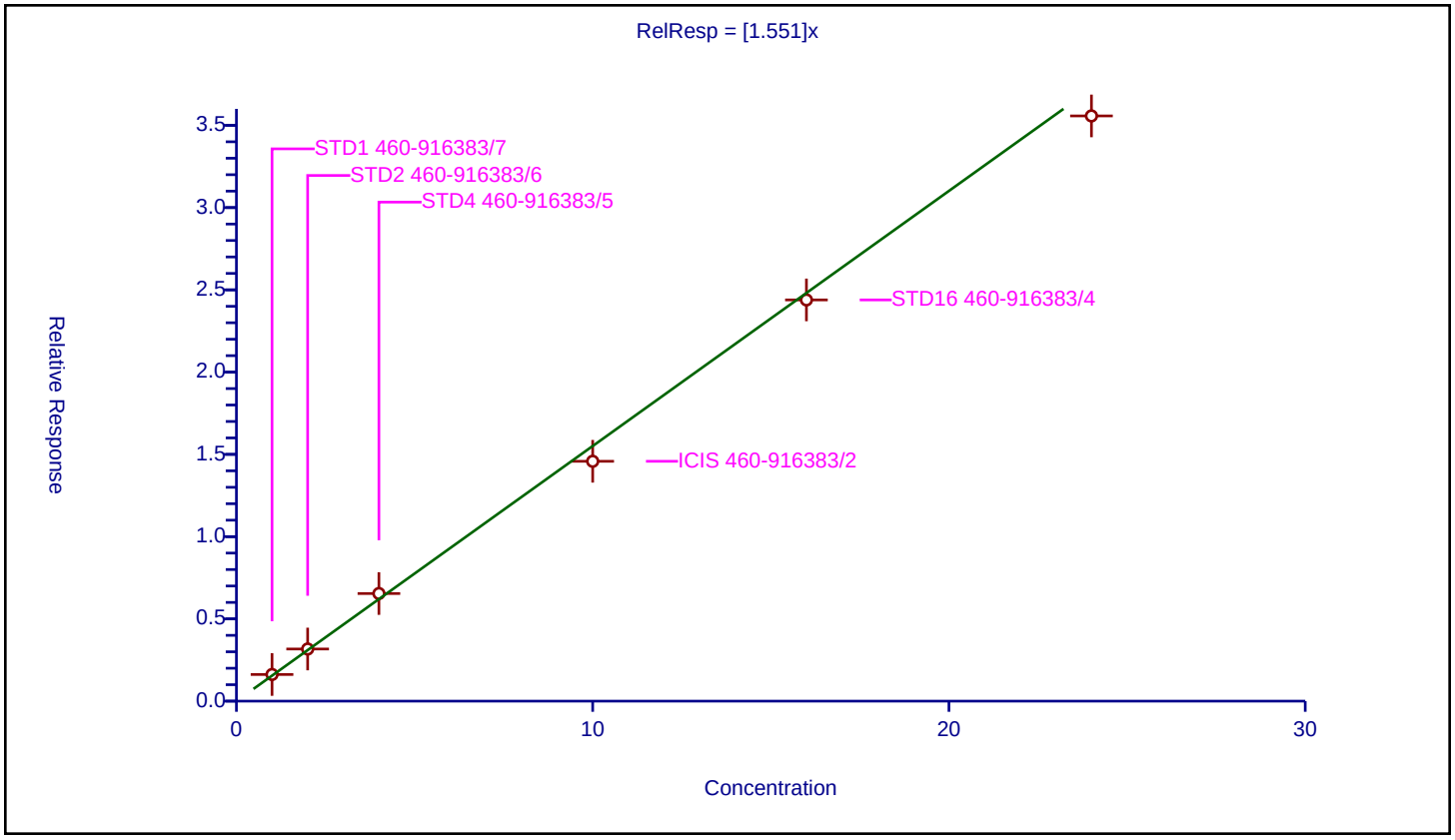
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Standard Error:	331000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.619849	8.0	130180.0	1.619849	Y
2	STD2 460-916383/6	2.0	3.168945	8.0	130090.0	1.584472	Y
3	STD4 460-916383/5	4.0	6.541452	8.0	127930.0	1.635363	Y
4	ICIS 460-916383/2	10.0	14.578866	8.0	142185.0	1.457887	Y
5	STD16 460-916383/4	16.0	24.38866	8.0	126486.0	1.524291	Y
6	STD24 460-916383/3	24.0	35.572354	8.0	126572.0	1.482181	Y



Calibration / 2-Methylphenol

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

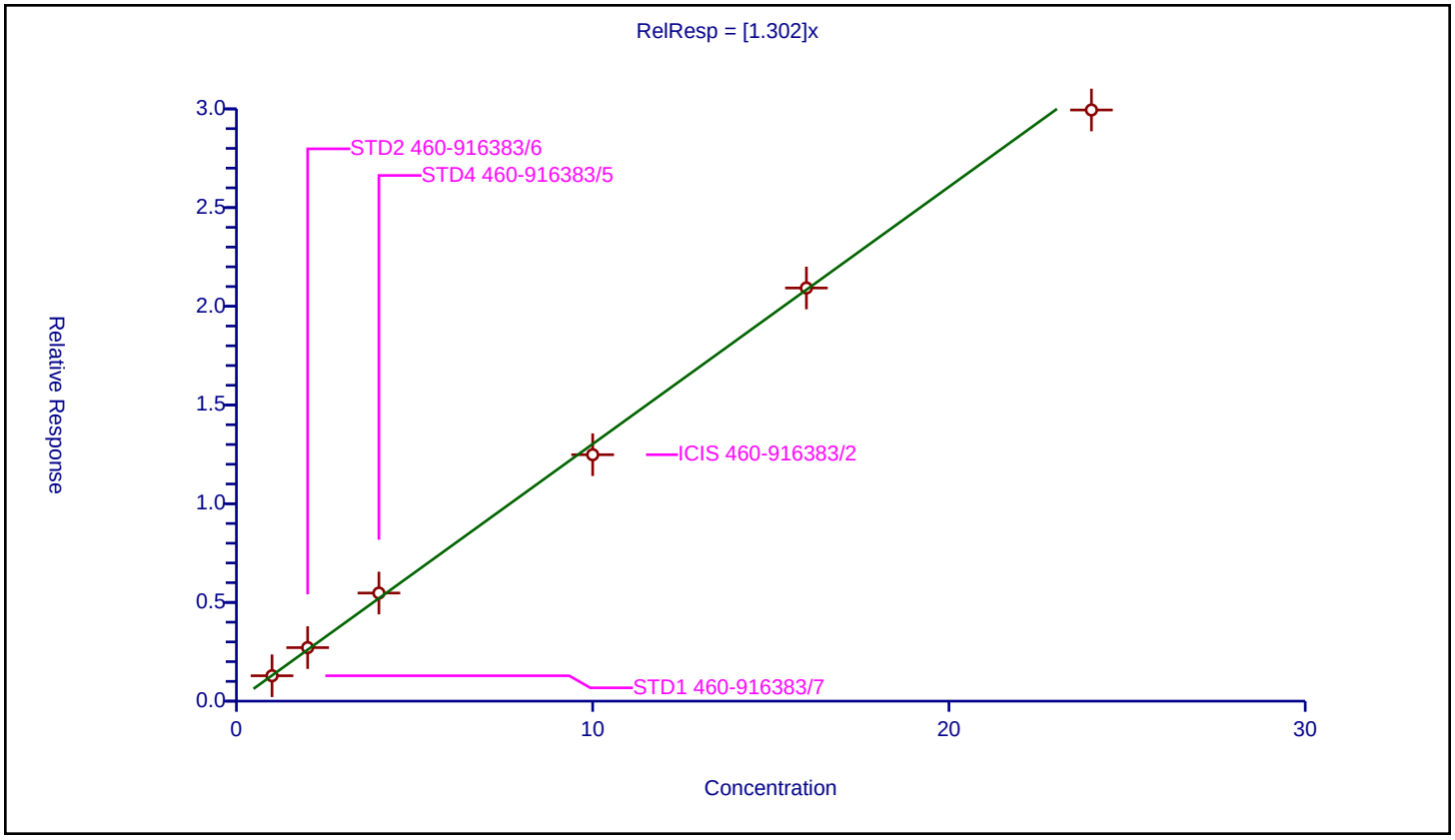
Curve Coefficients

Intercept:	0
Slope:	1.302

Error Coefficients

Standard Error:	280000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.286035	8.0	130180.0	1.286035	Y
2	STD2 460-916383/6	2.0	2.711723	8.0	130090.0	1.355861	Y
3	STD4 460-916383/5	4.0	5.475995	8.0	127930.0	1.368999	Y
4	ICIS 460-916383/2	10.0	12.483173	8.0	142185.0	1.248317	Y
5	STD16 460-916383/4	16.0	20.928545	8.0	126486.0	1.308034	Y
6	STD24 460-916383/3	24.0	29.945201	8.0	126572.0	1.247717	Y



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Calibration / 2,2'-oxybis[1-chloropropane]

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

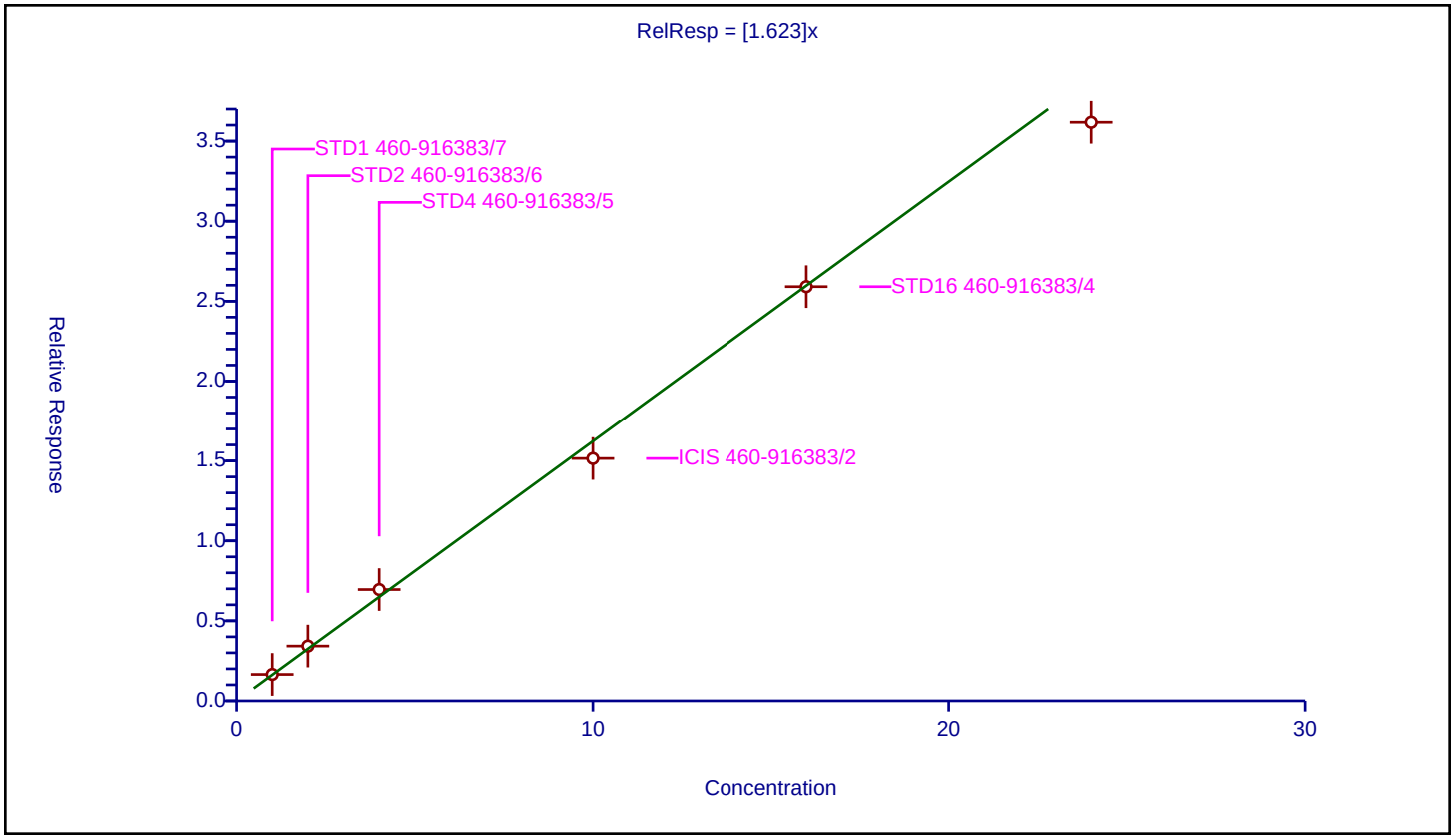
Curve Coefficients

Intercept:	0
Slope:	1.623

Error Coefficients

Standard Error:	342000
Relative Standard Error:	6.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.647381	8.0	130180.0	1.647381	Y
2	STD2 460-916383/6	2.0	3.422185	8.0	130090.0	1.711092	Y
3	STD4 460-916383/5	4.0	6.954678	8.0	127930.0	1.73867	Y
4	ICIS 460-916383/2	10.0	15.154285	8.0	142185.0	1.515428	Y
5	STD16 460-916383/4	16.0	25.909903	8.0	126486.0	1.619369	Y
6	STD24 460-916383/3	24.0	36.1759	8.0	126572.0	1.507329	Y



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Calibration / N-Methylaniline

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

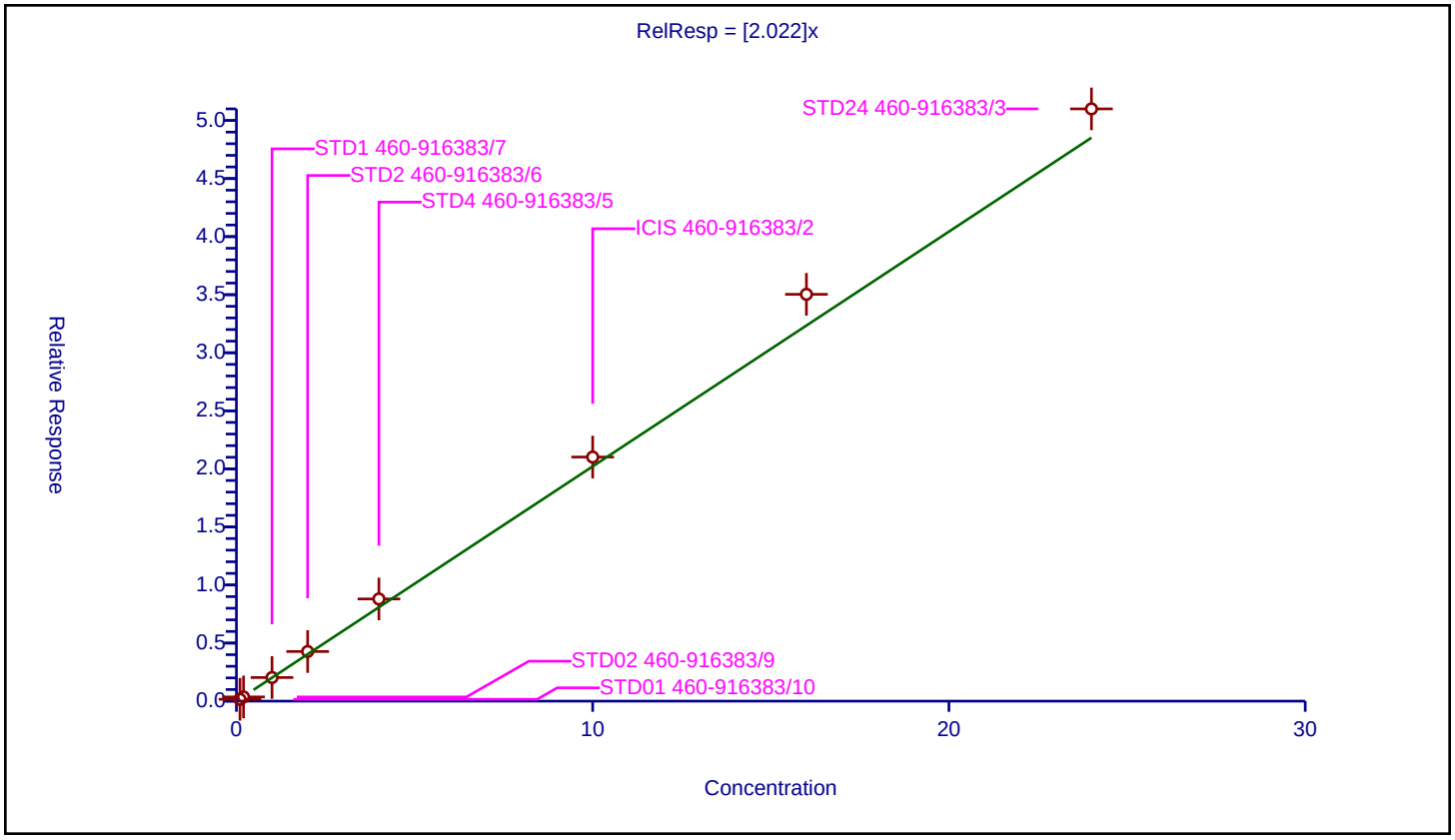
Curve Coefficients

Intercept:	0
Slope:	2.022

Error Coefficients

Standard Error:	401000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.158473	8.0	128779.0	1.58473	Y
2	STD02 460-916383/9	0.2	0.360108	8.0	136648.0	1.800539	Y
3	STD1 460-916383/7	1.0	2.033861	8.0	130180.0	2.033861	Y
4	STD2 460-916383/6	2.0	4.274333	8.0	130090.0	2.137167	Y
5	STD4 460-916383/5	4.0	8.799312	8.0	127930.0	2.199828	Y
6	ICIS 460-916383/2	10.0	21.017913	8.0	142185.0	2.101791	Y
7	STD16 460-916383/4	16.0	35.032051	8.0	126486.0	2.189503	Y
8	STD24 460-916383/3	24.0	50.999589	8.0	126572.0	2.124983	Y



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Calibration / 3 & 4 Methylphenol

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

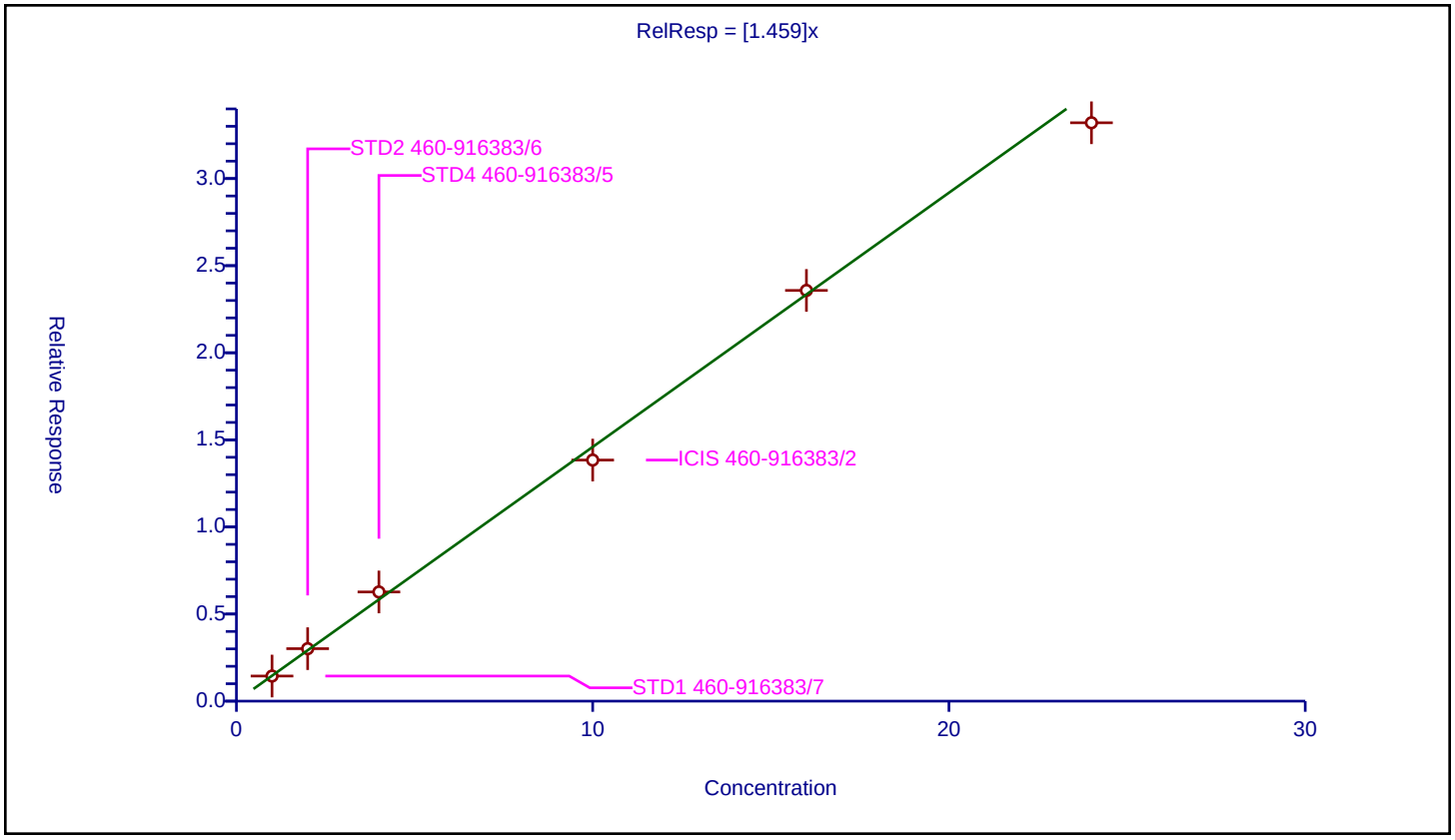
Curve Coefficients

Intercept:	0
Slope:	1.459

Error Coefficients

Standard Error:	313000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.440467	8.0	130180.0	1.440467	Y
2	STD2 460-916383/6	2.0	3.013667	8.0	130090.0	1.506834	Y
3	STD4 460-916383/5	4.0	6.268741	8.0	127930.0	1.567185	Y
4	ICIS 460-916383/2	10.0	13.839153	8.0	142185.0	1.383915	Y
5	STD16 460-916383/4	16.0	23.578262	8.0	126486.0	1.473641	Y
6	STD24 460-916383/3	24.0	33.203489	8.0	126572.0	1.383479	Y



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Calibration / 4-Methylphenol

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

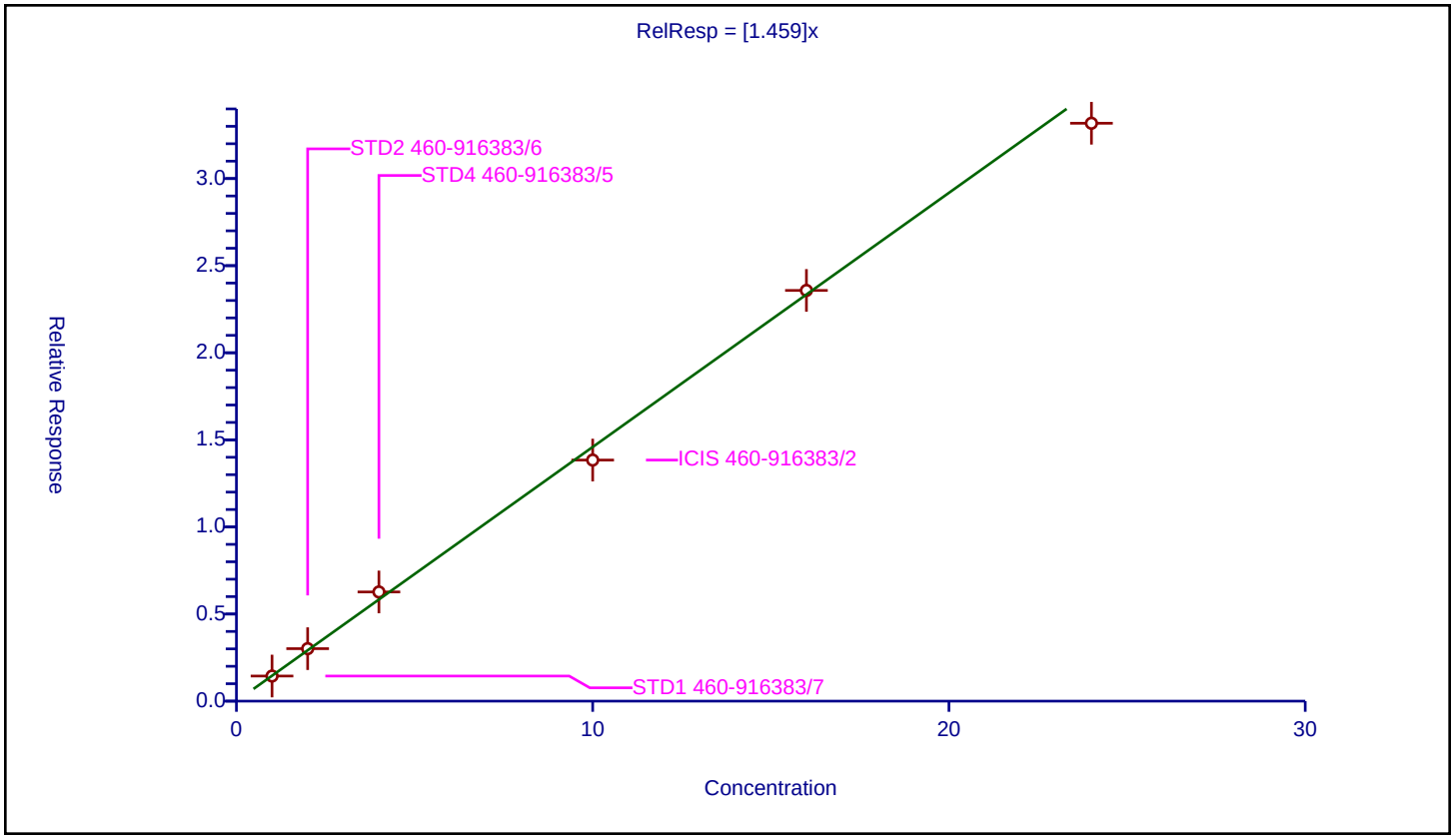
Curve Coefficients

Intercept:	0
Slope:	1.459

Error Coefficients

Standard Error:	312000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.440467	8.0	130180.0	1.440467	Y
2	STD2 460-916383/6	2.0	3.013667	8.0	130090.0	1.506834	Y
3	STD4 460-916383/5	4.0	6.268741	8.0	127930.0	1.567185	Y
4	ICIS 460-916383/2	10.0	13.839153	8.0	142185.0	1.383915	Y
5	STD16 460-916383/4	16.0	23.578262	8.0	126486.0	1.473641	Y
6	STD24 460-916383/3	24.0	33.175742	8.0	126572.0	1.382323	Y



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Calibration / Acetophenone

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

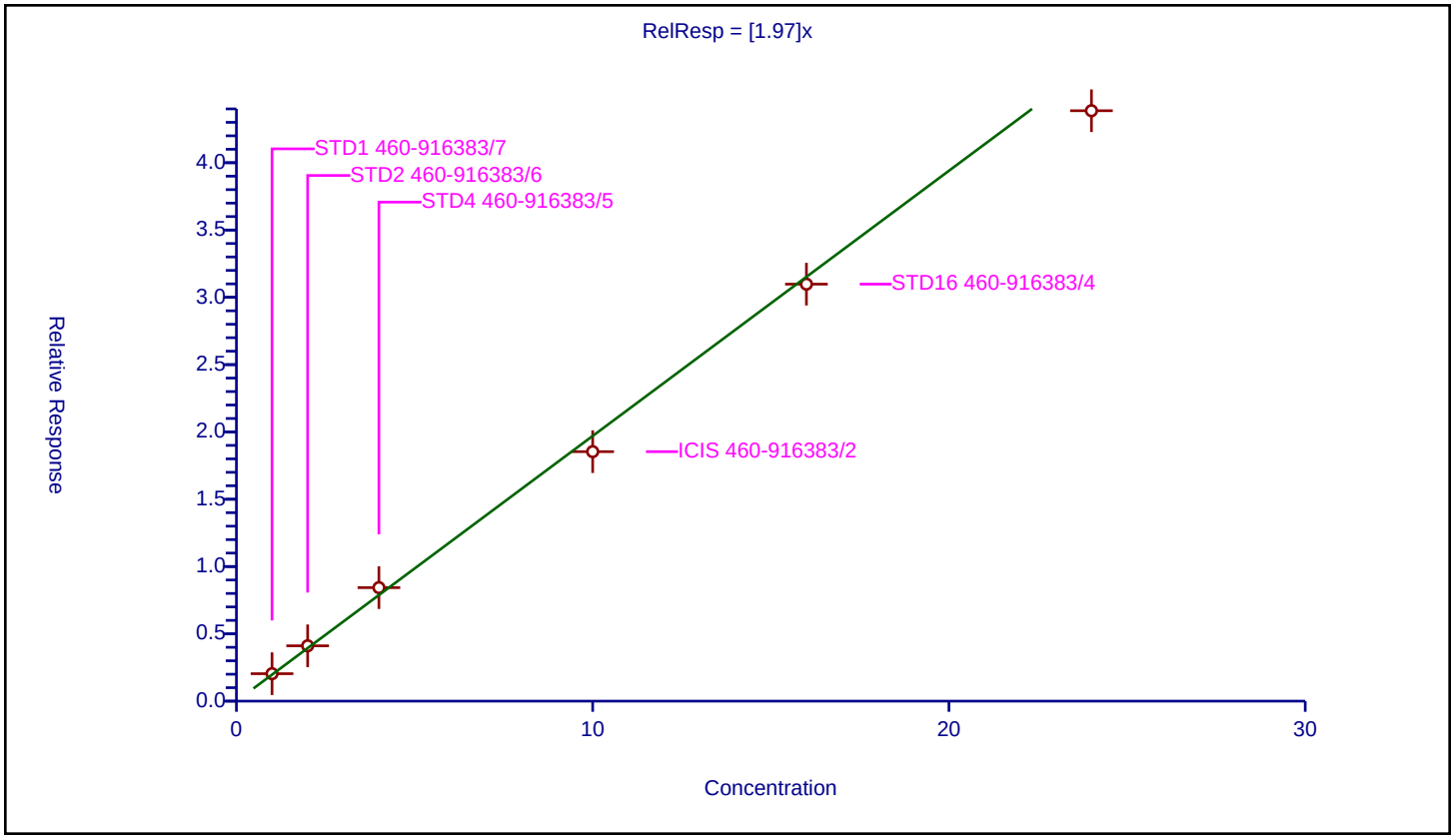
Curve Coefficients

Intercept:	0
Slope:	1.97

Error Coefficients

Standard Error:	413000
Relative Standard Error:	5.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	2.039515	8.0	130180.0	2.039515	Y
2	STD2 460-916383/6	2.0	4.111677	8.0	130090.0	2.055838	Y
3	STD4 460-916383/5	4.0	8.431423	8.0	127930.0	2.107856	Y
4	ICIS 460-916383/2	10.0	18.535457	8.0	142185.0	1.853546	Y
5	STD16 460-916383/4	16.0	30.979682	8.0	126486.0	1.93623	Y
6	STD24 460-916383/3	24.0	43.863919	8.0	126572.0	1.827663	Y



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Calibration / N-Nitrosodi-n-propylamine

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

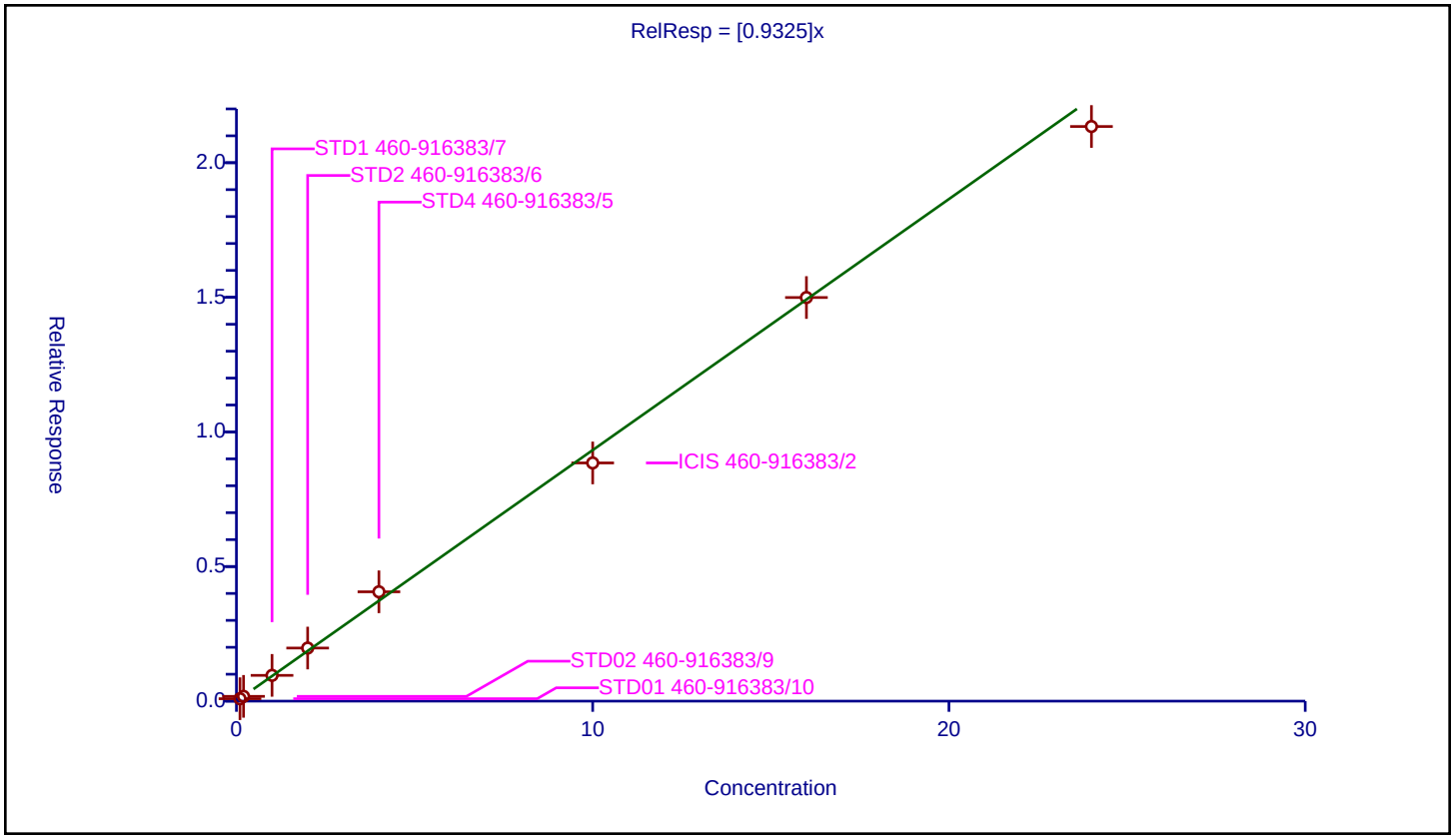
Curve Coefficients

Intercept:	0
Slope:	0.9325

Error Coefficients

Standard Error:	169000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.090077	8.0	128779.0	0.900768	Y
2	STD02 460-916383/9	0.2	0.177741	8.0	136648.0	0.888707	Y
3	STD1 460-916383/7	1.0	0.957321	8.0	130180.0	0.957321	Y
4	STD2 460-916383/6	2.0	1.972604	8.0	130090.0	0.986302	Y
5	STD4 460-916383/5	4.0	4.062284	8.0	127930.0	1.015571	Y
6	ICIS 460-916383/2	10.0	8.848134	8.0	142185.0	0.884813	Y
7	STD16 460-916383/4	16.0	14.993406	8.0	126486.0	0.937088	Y
8	STD24 460-916383/3	24.0	21.34589	8.0	126572.0	0.889412	Y



Calibration / Hexachloroethane

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

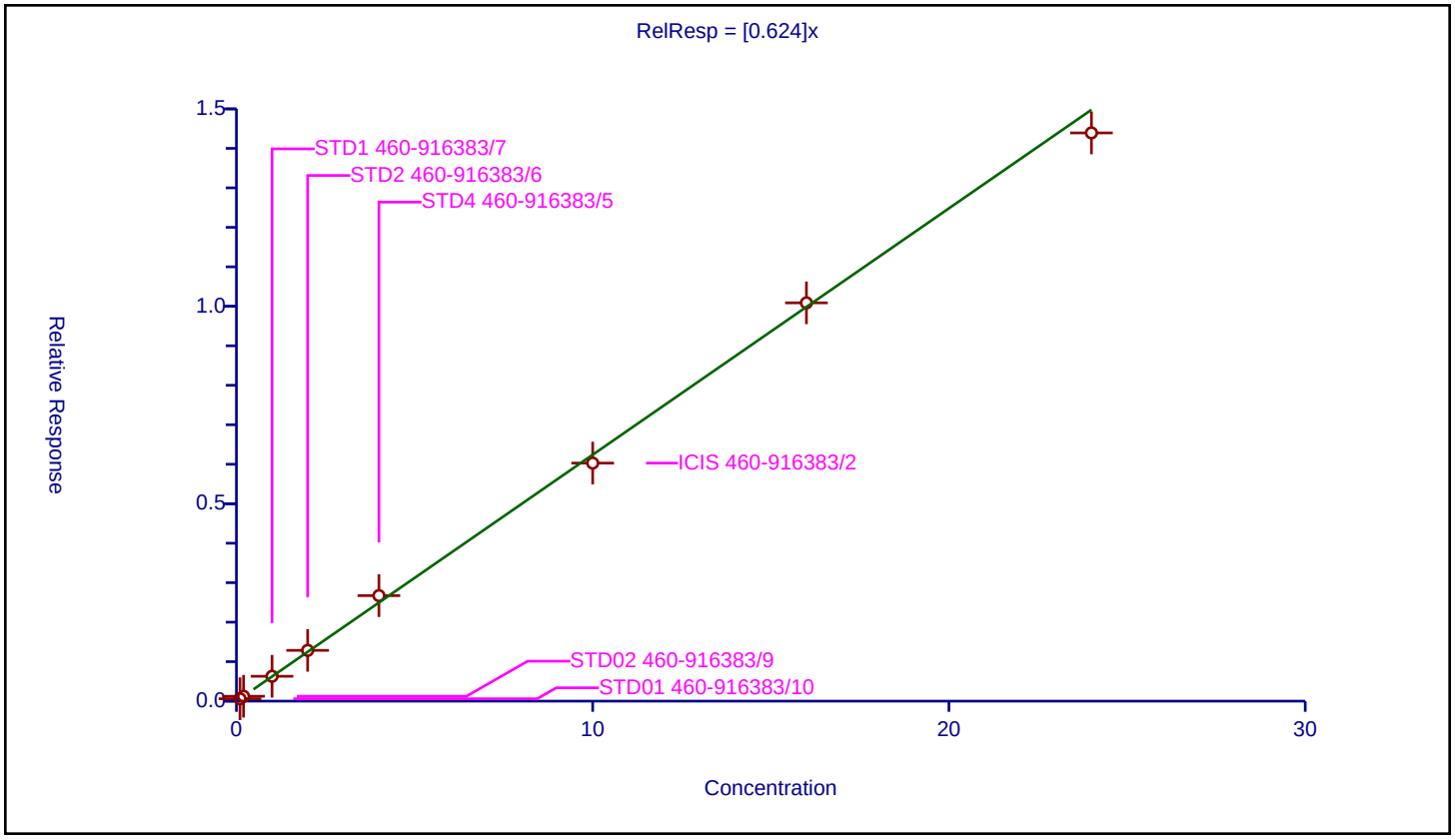
Curve Coefficients

Intercept:	0
Slope:	0.624

Error Coefficients

Standard Error:	114000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.060134	8.0	128779.0	0.60134	Y
2	STD02 460-916383/9	0.2	0.123529	8.0	136648.0	0.617645	Y
3	STD1 460-916383/7	1.0	0.629405	8.0	130180.0	0.629405	Y
4	STD2 460-916383/6	2.0	1.285879	8.0	130090.0	0.64294	Y
5	STD4 460-916383/5	4.0	2.671961	8.0	127930.0	0.66799	Y
6	ICIS 460-916383/2	10.0	6.029215	8.0	142185.0	0.602922	Y
7	STD16 460-916383/4	16.0	10.087693	8.0	126486.0	0.630481	Y
8	STD24 460-916383/3	24.0	14.391556	8.0	126572.0	0.599648	Y



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Calibration / Nitrobenzene-d5

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

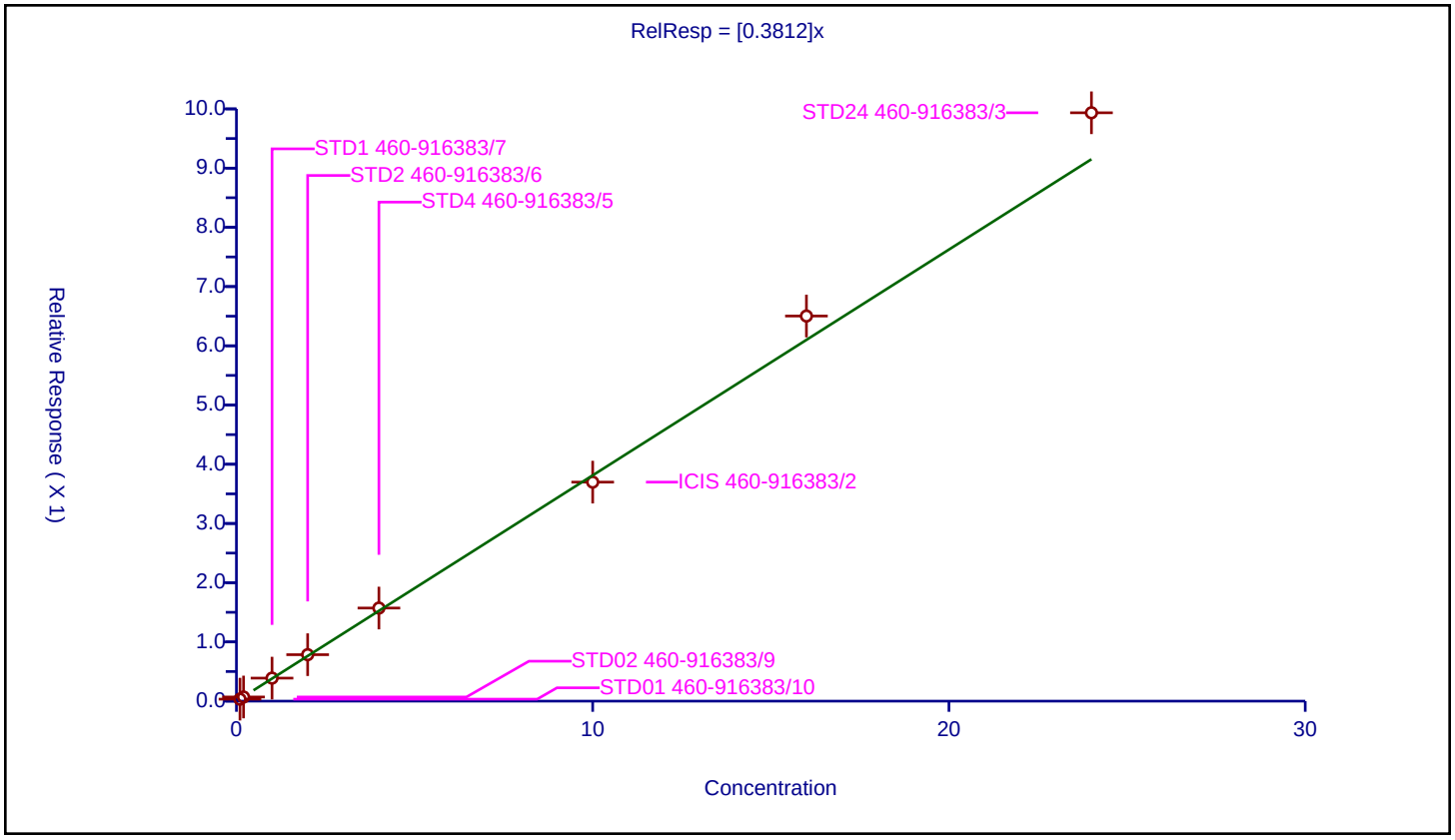
Curve Coefficients

Intercept:	0
Slope:	0.3812

Error Coefficients

Standard Error:	269000
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	STD01 460-916383/10	0.1	0.0337	8.0	445574.0	0.337004	Y
2	STD02 460-916383/9	0.2	0.069732	8.0	485286.0	0.34866	Y
3	STD1 460-916383/7	1.0	0.388811	8.0	465769.0	0.388811	Y
4	STD2 460-916383/6	2.0	0.784657	8.0	469902.0	0.392329	Y
5	STD4 460-916383/5	4.0	1.571839	8.0	466114.0	0.39296	Y
6	ICIS 460-916383/2	10.0	3.698339	8.0	508929.0	0.369834	Y
7	STD16 460-916383/4	16.0	6.502688	8.0	450749.0	0.406418	Y
8	STD24 460-916383/3	24.0	9.934403	8.0	444805.0	0.413933	Y



Calibration / Nitrobenzene

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

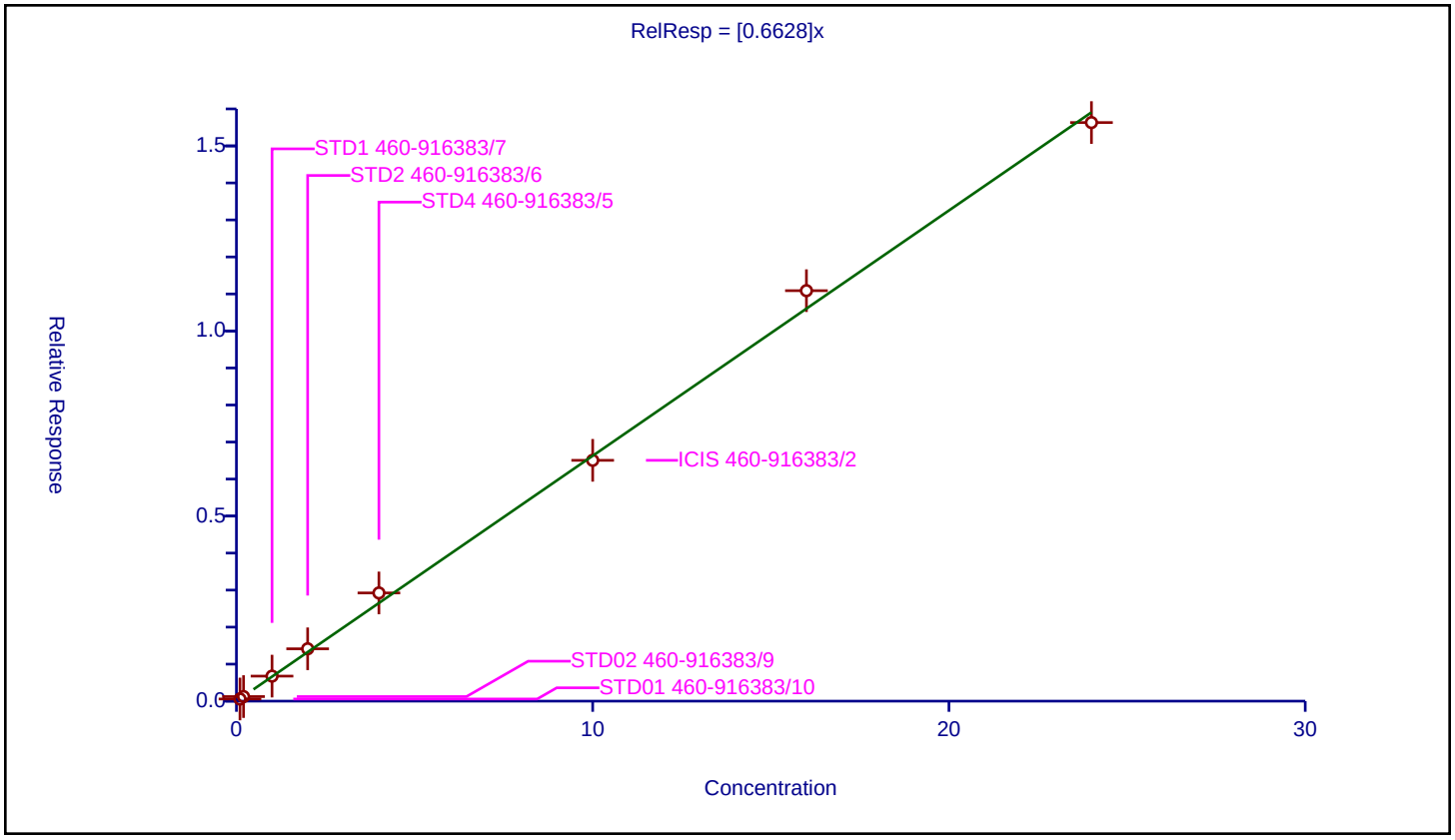
Curve Coefficients

Intercept:	0
Slope:	0.6628

Error Coefficients

Standard Error:	124000
Relative Standard Error:	7.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.057587	8.0	128779.0	0.57587	Y
2	STD02 460-916383/9	0.2	0.123529	8.0	136648.0	0.617645	Y
3	STD1 460-916383/7	1.0	0.675741	8.0	130180.0	0.675741	Y
4	STD2 460-916383/6	2.0	1.414344	8.0	130090.0	0.707172	Y
5	STD4 460-916383/5	4.0	2.922974	8.0	127930.0	0.730743	Y
6	ICIS 460-916383/2	10.0	6.50544	8.0	142185.0	0.650544	Y
7	STD16 460-916383/4	16.0	11.088974	8.0	126486.0	0.693061	Y
8	STD24 460-916383/3	24.0	15.630756	8.0	126572.0	0.651281	Y



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Calibration / n,n'-Dimethylaniline

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

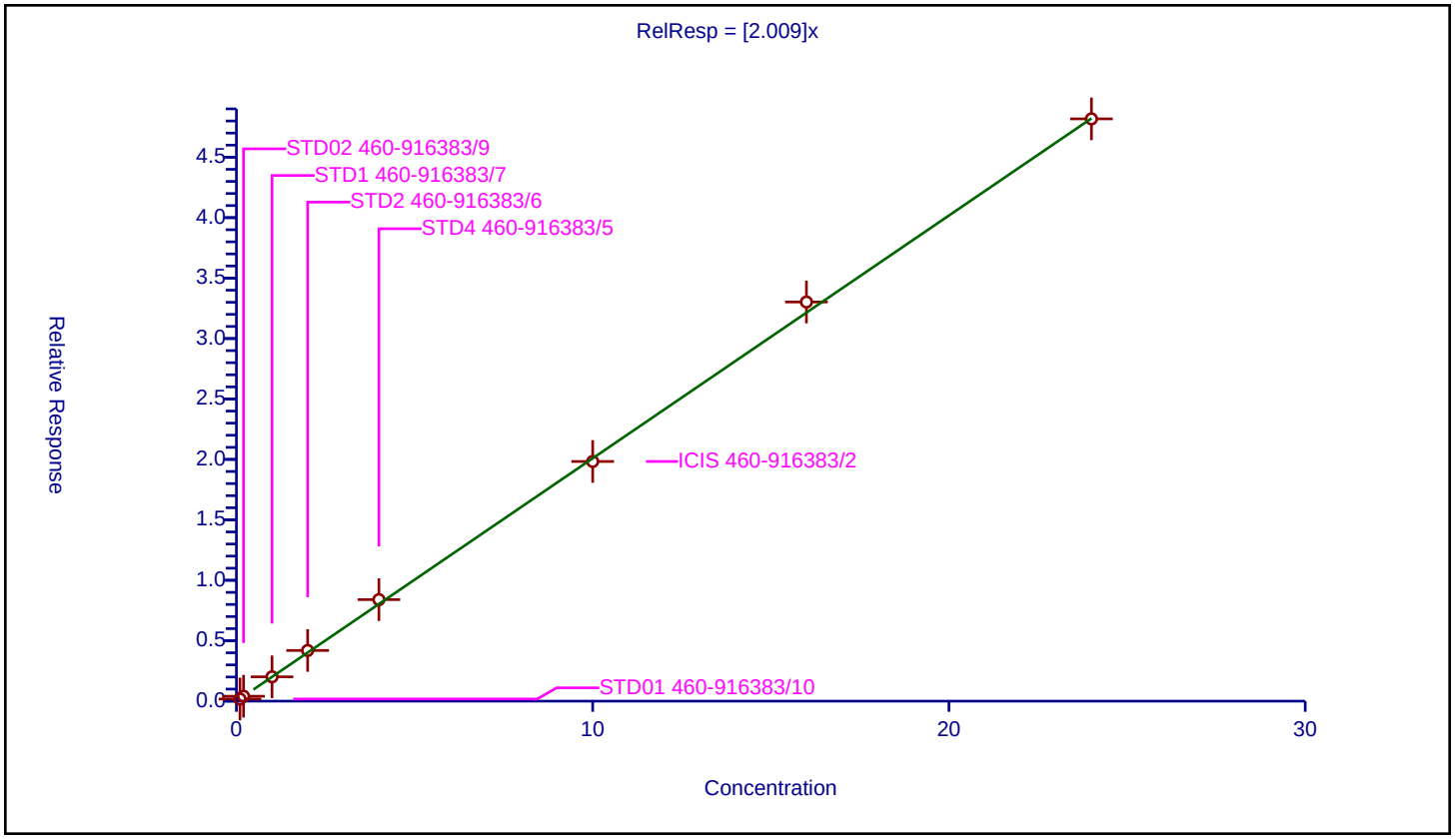
Curve Coefficients

Intercept:	0
Slope:	2.009

Error Coefficients

Standard Error:	378000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.176799	8.0	128779.0	1.76799	Y
2	STD02 460-916383/9	0.2	0.407587	8.0	136648.0	2.037937	Y
3	STD1 460-916383/7	1.0	2.014073	8.0	130180.0	2.014073	Y
4	STD2 460-916383/6	2.0	4.193405	8.0	130090.0	2.096702	Y
5	STD4 460-916383/5	4.0	8.400532	8.0	127930.0	2.100133	Y
6	ICIS 460-916383/2	10.0	19.829771	8.0	142185.0	1.982977	Y
7	STD16 460-916383/4	16.0	33.025062	8.0	126486.0	2.064066	Y
8	STD24 460-916383/3	24.0	48.174067	8.0	126572.0	2.007253	Y



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Calibration / Isophorone

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

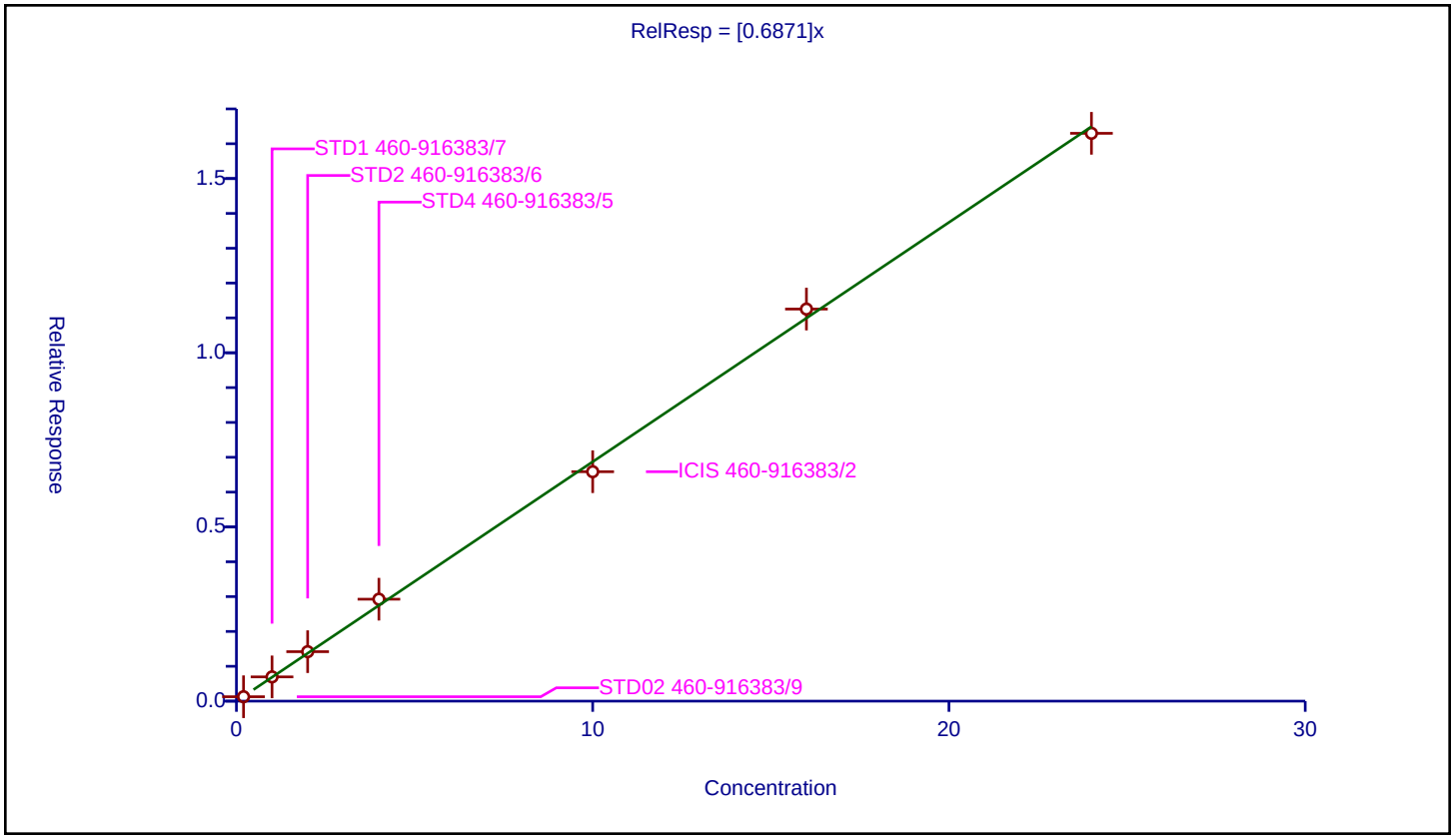
Curve Coefficients

Intercept:	0
Slope:	0.6871

Error Coefficients

Standard Error:	489000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.126177	8.0	485286.0	0.630886	Y
2	STD1 460-916383/7	1.0	0.696002	8.0	465769.0	0.696002	Y
3	STD2 460-916383/6	2.0	1.420398	8.0	469902.0	0.710199	Y
4	STD4 460-916383/5	4.0	2.926254	8.0	466114.0	0.731564	Y
5	ICIS 460-916383/2	10.0	6.585642	8.0	508929.0	0.658564	Y
6	STD16 460-916383/4	16.0	11.254033	8.0	450749.0	0.703377	Y
7	STD24 460-916383/3	24.0	16.299097	8.0	444805.0	0.679129	Y



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Calibration / 2-Nitrophenol

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

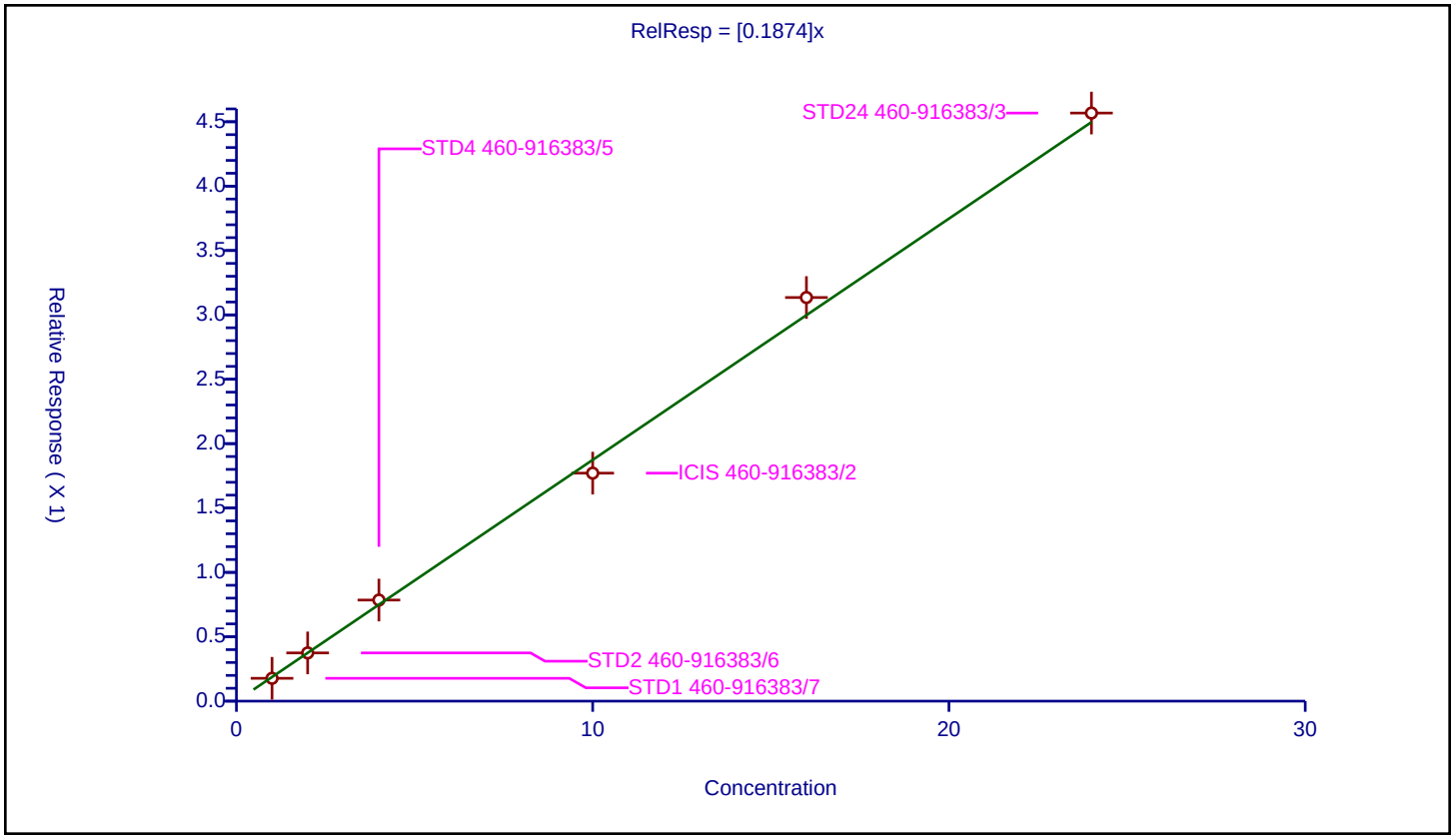
Curve Coefficients

Intercept:	0
Slope:	0.1874

Error Coefficients

Standard Error:	149000
Relative Standard Error:	4.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.177358	8.0	465769.0	0.177358	Y
2	STD2 460-916383/6	2.0	0.374597	8.0	469902.0	0.187299	Y
3	STD4 460-916383/5	4.0	0.785078	8.0	466114.0	0.19627	Y
4	ICIS 460-916383/2	10.0	1.770966	8.0	508929.0	0.177097	Y
5	STD16 460-916383/4	16.0	3.134889	8.0	450749.0	0.195931	Y
6	STD24 460-916383/3	24.0	4.567664	8.0	444805.0	0.190319	Y



Calibration / 2,4-Dimethylphenol

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

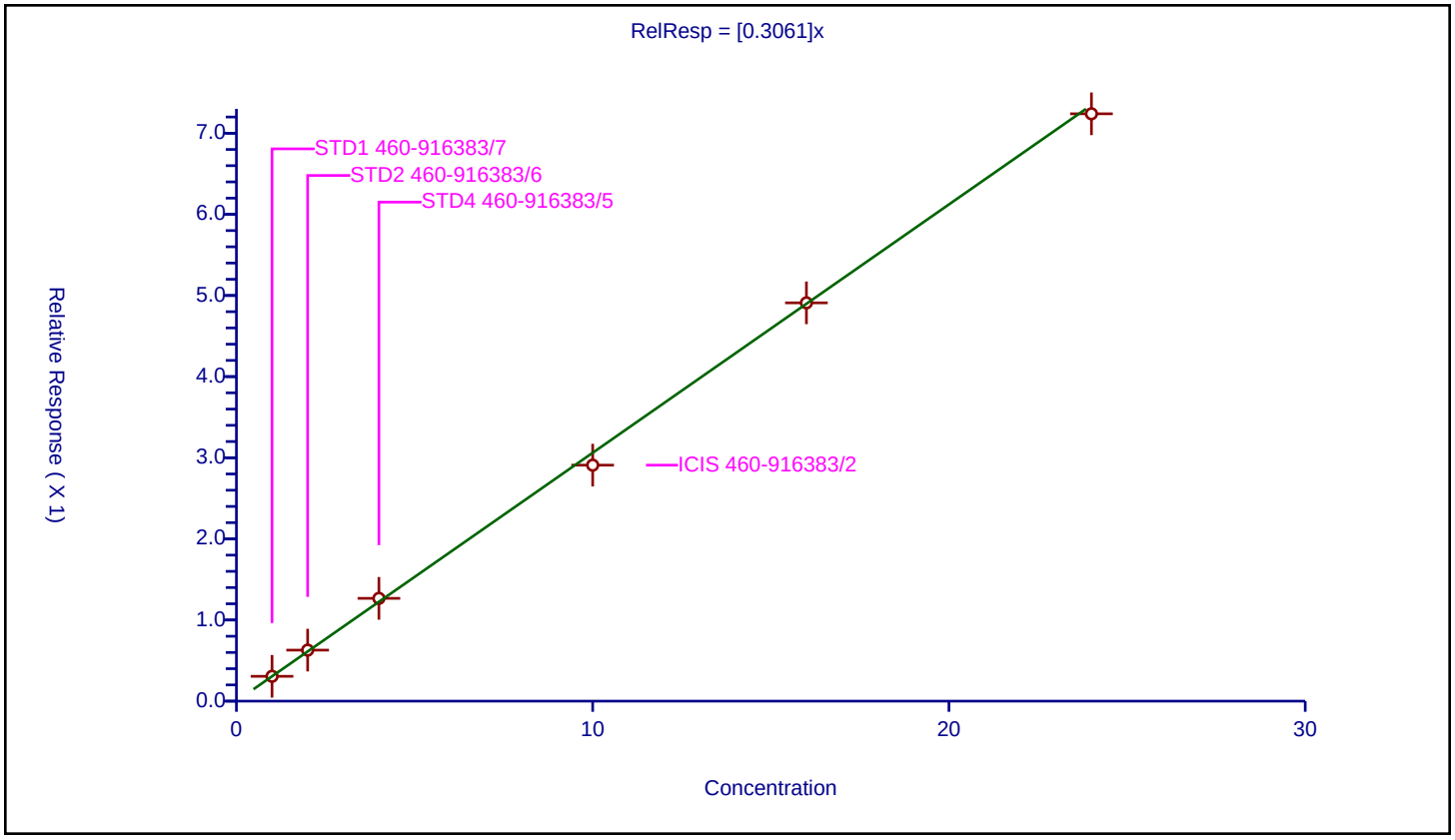
Curve Coefficients

Intercept:	0
Slope:	0.3061

Error Coefficients

Standard Error:	237000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.306143	8.0	465769.0	0.306143	Y
2	STD2 460-916383/6	2.0	0.628846	8.0	469902.0	0.314423	Y
3	STD4 460-916383/5	4.0	1.266969	8.0	466114.0	0.316742	Y
4	ICIS 460-916383/2	10.0	2.908901	8.0	508929.0	0.29089	Y
5	STD16 460-916383/4	16.0	4.909287	8.0	450749.0	0.30683	Y
6	STD24 460-916383/3	24.0	7.239703	8.0	444805.0	0.301654	Y



Calibration / Benzoic acid

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

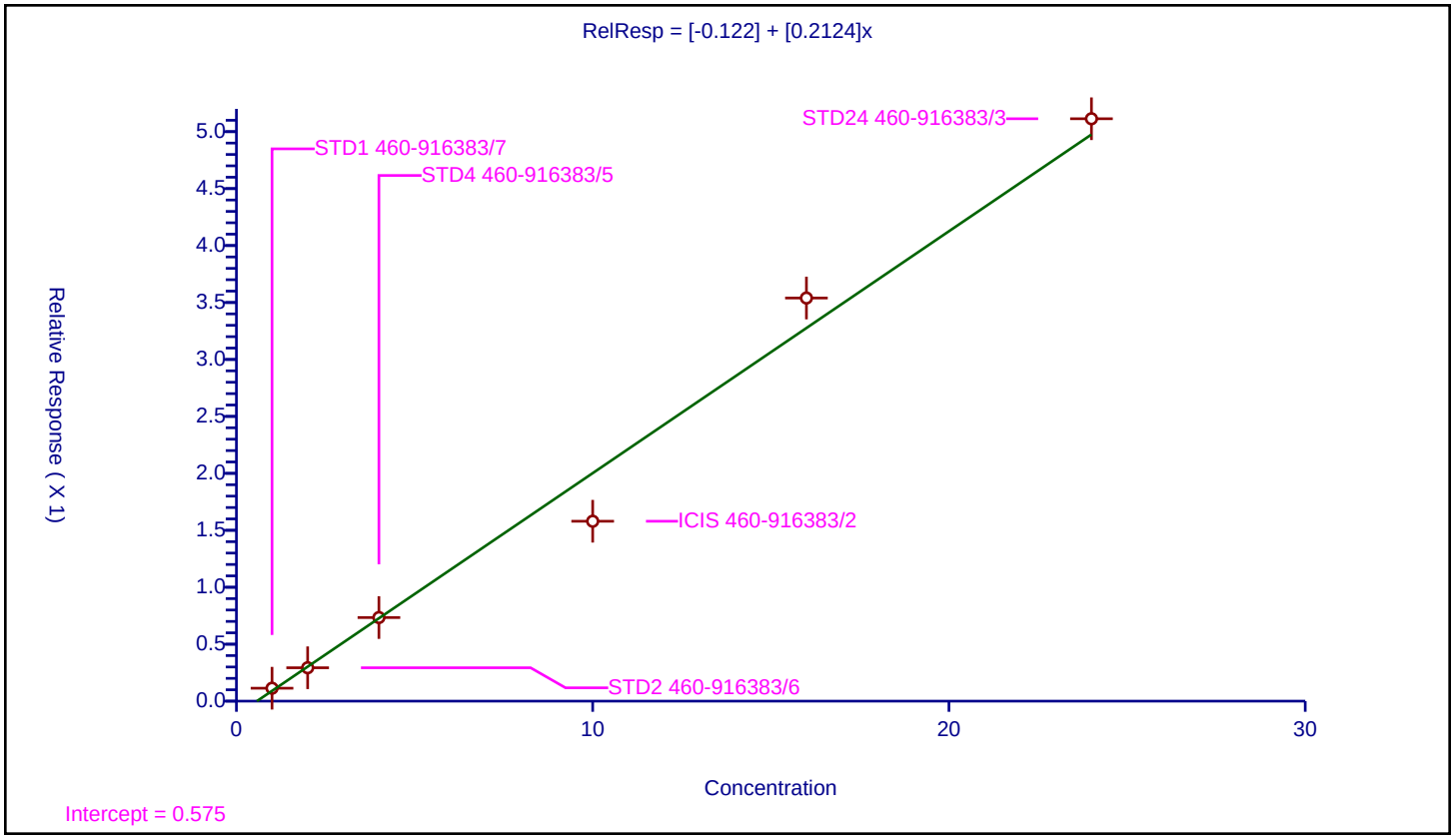
Curve Coefficients

Intercept:	-0.122
Slope:	0.2124

Error Coefficients

Standard Error:	182000
Relative Standard Error:	12.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.113498	8.0	465769.0	0.113498	Y
2	STD2 460-916383/6	2.0	0.293048	8.0	469902.0	0.146524	Y
3	STD4 460-916383/5	4.0	0.734018	8.0	466114.0	0.183504	Y
4	ICIS 460-916383/2	10.0	1.579647	8.0	508929.0	0.157965	Y
5	STD16 460-916383/4	16.0	3.539478	8.0	450749.0	0.221217	Y
6	STD24 460-916383/3	24.0	5.113576	8.0	444805.0	0.213066	Y



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Calibration / Bis(2-chloroethoxy)methane

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

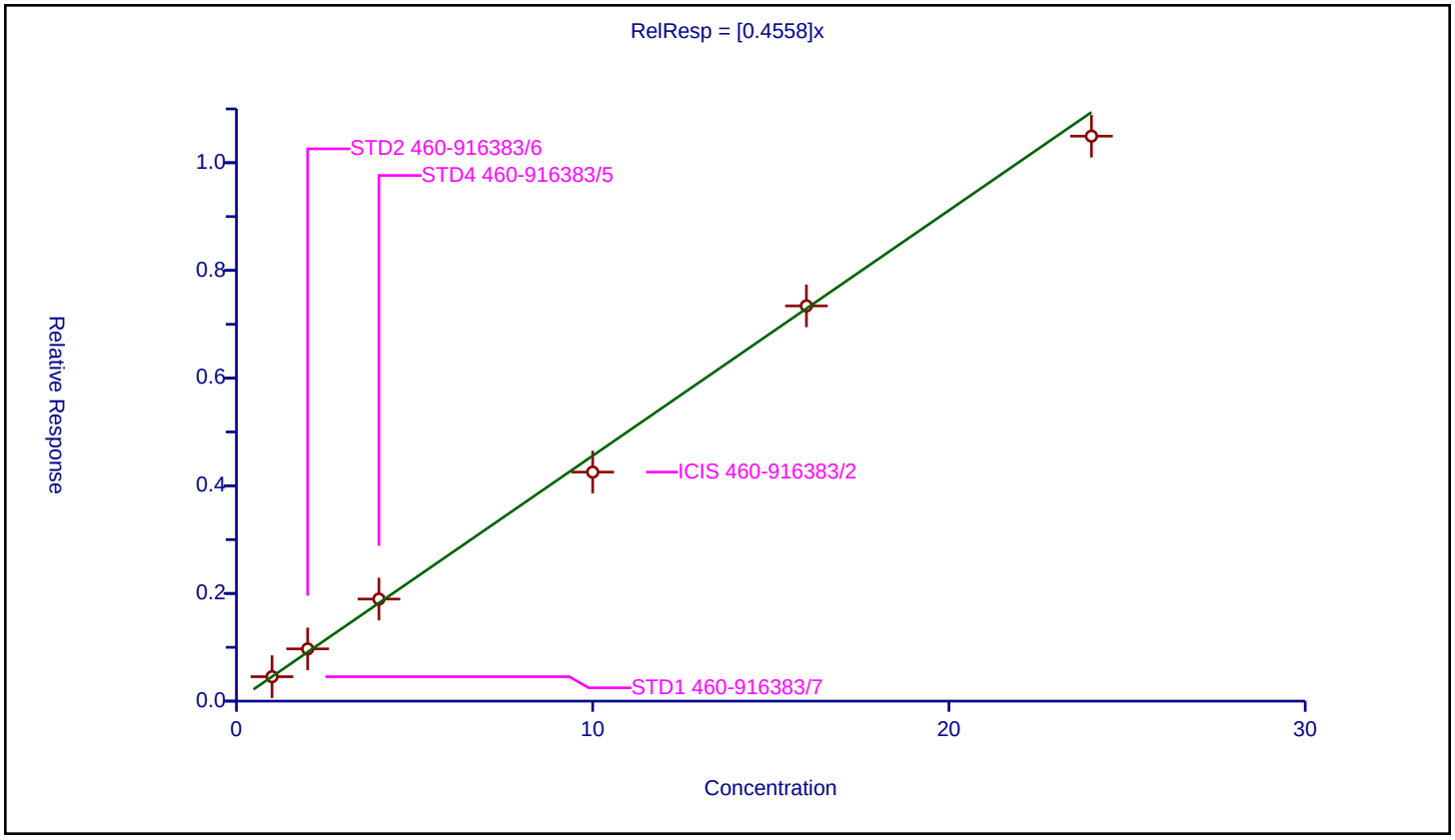
Curve Coefficients

Intercept:	0
Slope:	0.4558

Error Coefficients

Standard Error:	347000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.454028	8.0	465769.0	0.454028	Y
2	STD2 460-916383/6	2.0	0.970143	8.0	469902.0	0.485071	Y
3	STD4 460-916383/5	4.0	1.895965	8.0	466114.0	0.473991	Y
4	ICIS 460-916383/2	10.0	4.253969	8.0	508929.0	0.425397	Y
5	STD16 460-916383/4	16.0	7.341452	8.0	450749.0	0.458841	Y
6	STD24 460-916383/3	24.0	10.494073	8.0	444805.0	0.437253	Y



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Calibration / 2,4-Dichlorophenol

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

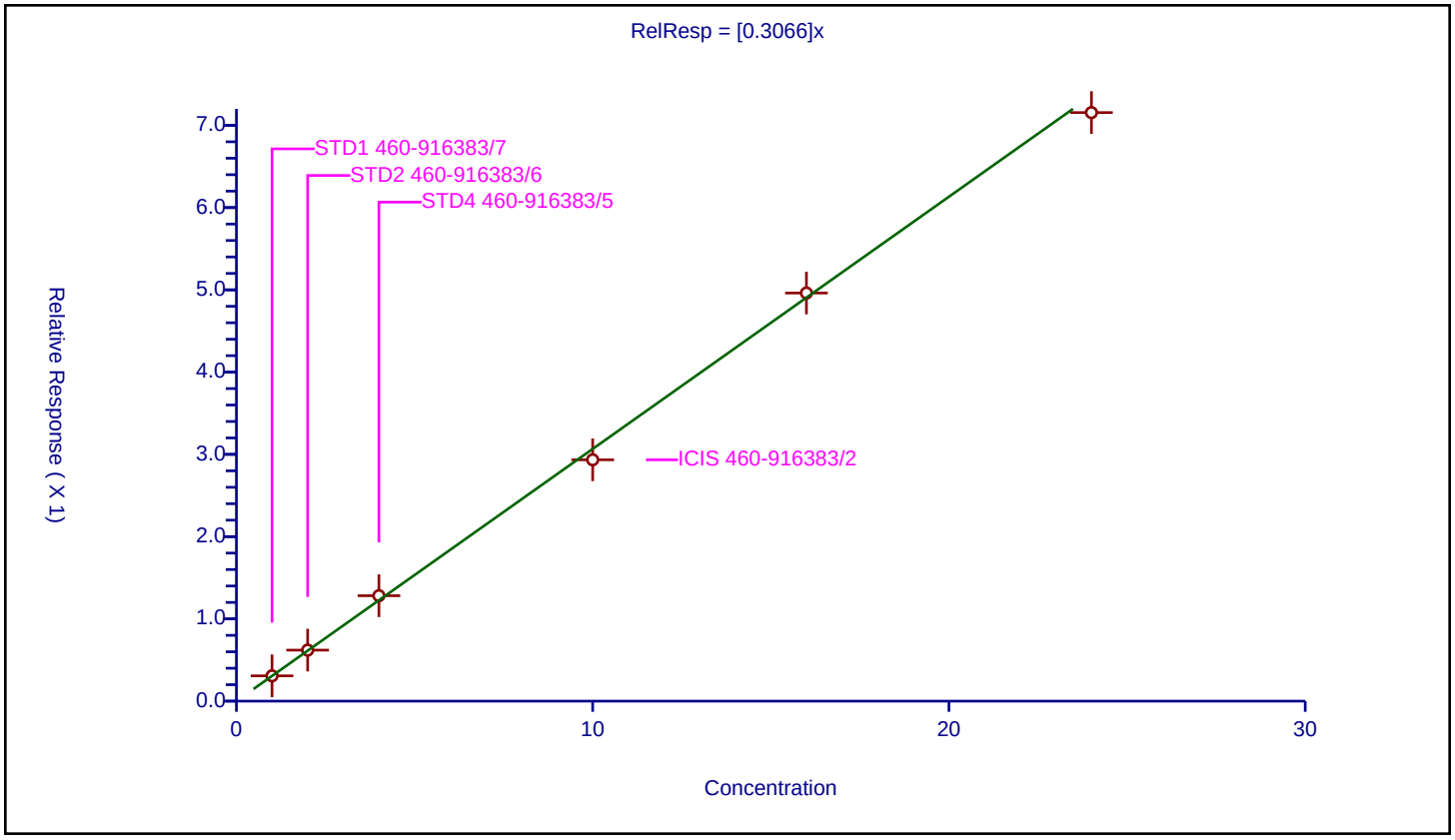
Curve Coefficients

Intercept:	0
Slope:	0.3066

Error Coefficients

Standard Error:	236000
Relative Standard Error:	3.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.307414	8.0	465769.0	0.307414	Y
2	STD2 460-916383/6	2.0	0.620334	8.0	469902.0	0.310167	Y
3	STD4 460-916383/5	4.0	1.281764	8.0	466114.0	0.320441	Y
4	ICIS 460-916383/2	10.0	2.93413	8.0	508929.0	0.293413	Y
5	STD16 460-916383/4	16.0	4.961715	8.0	450749.0	0.310107	Y
6	STD24 460-916383/3	24.0	7.154902	8.0	444805.0	0.298121	Y



7/12/2023
10:47 AM

Calibration / 1,2,4-Trichlorobenzene

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

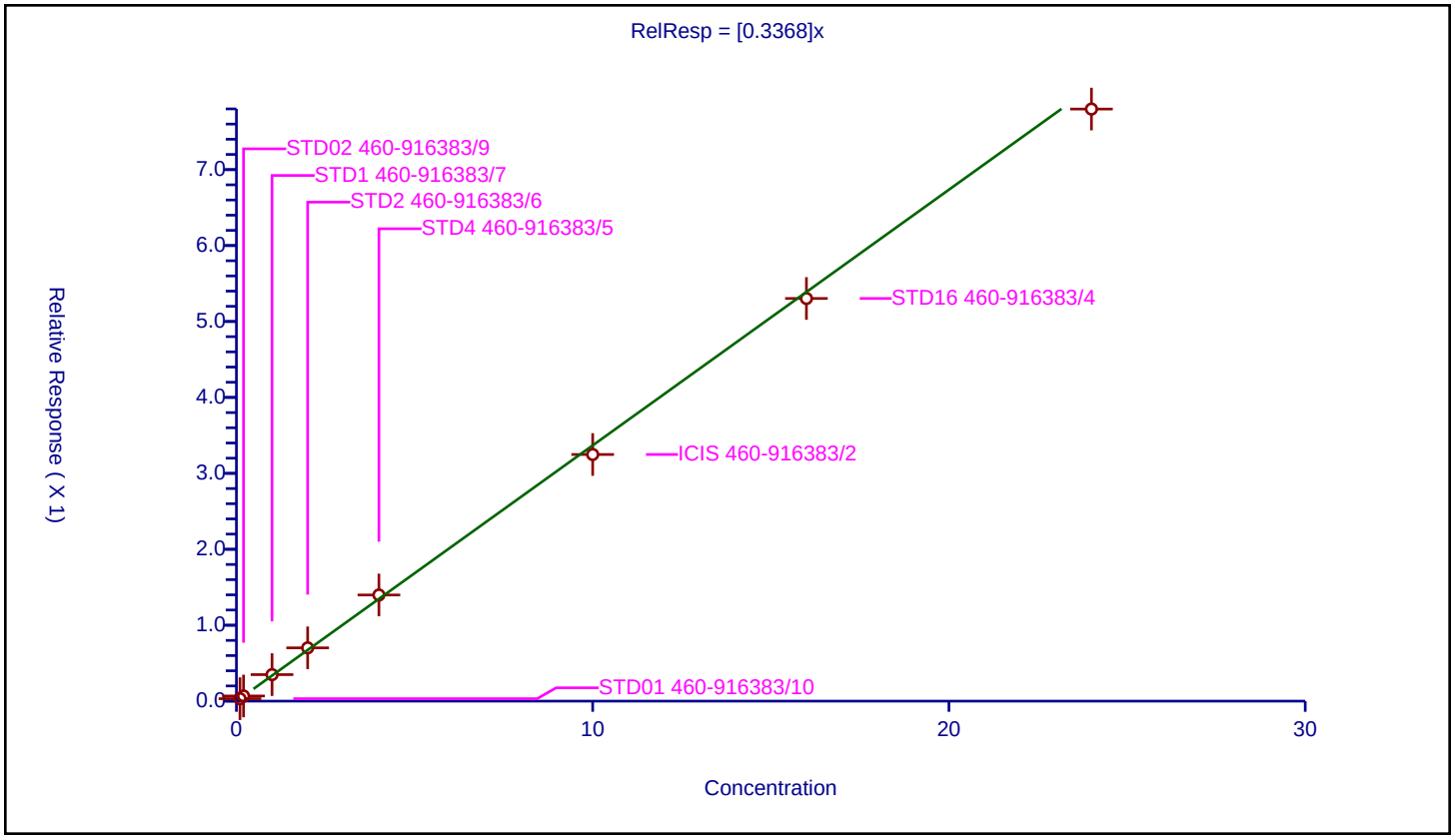
Curve Coefficients

Intercept:	0
Slope:	0.3368

Error Coefficients

Standard Error:	217000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.032444	8.0	445574.0	0.324435	Y
2	STD02 460-916383/9	0.2	0.067836	8.0	485286.0	0.339181	Y
3	STD1 460-916383/7	1.0	0.349134	8.0	465769.0	0.349134	Y
4	STD2 460-916383/6	2.0	0.701797	8.0	469902.0	0.350899	Y
5	STD4 460-916383/5	4.0	1.398164	8.0	466114.0	0.349541	Y
6	ICIS 460-916383/2	10.0	3.248422	8.0	508929.0	0.324842	Y
7	STD16 460-916383/4	16.0	5.303013	8.0	450749.0	0.331438	Y
8	STD24 460-916383/3	24.0	7.797754	8.0	444805.0	0.324906	Y



7/12/2023
10:47 AM

Calibration / Naphthalene

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

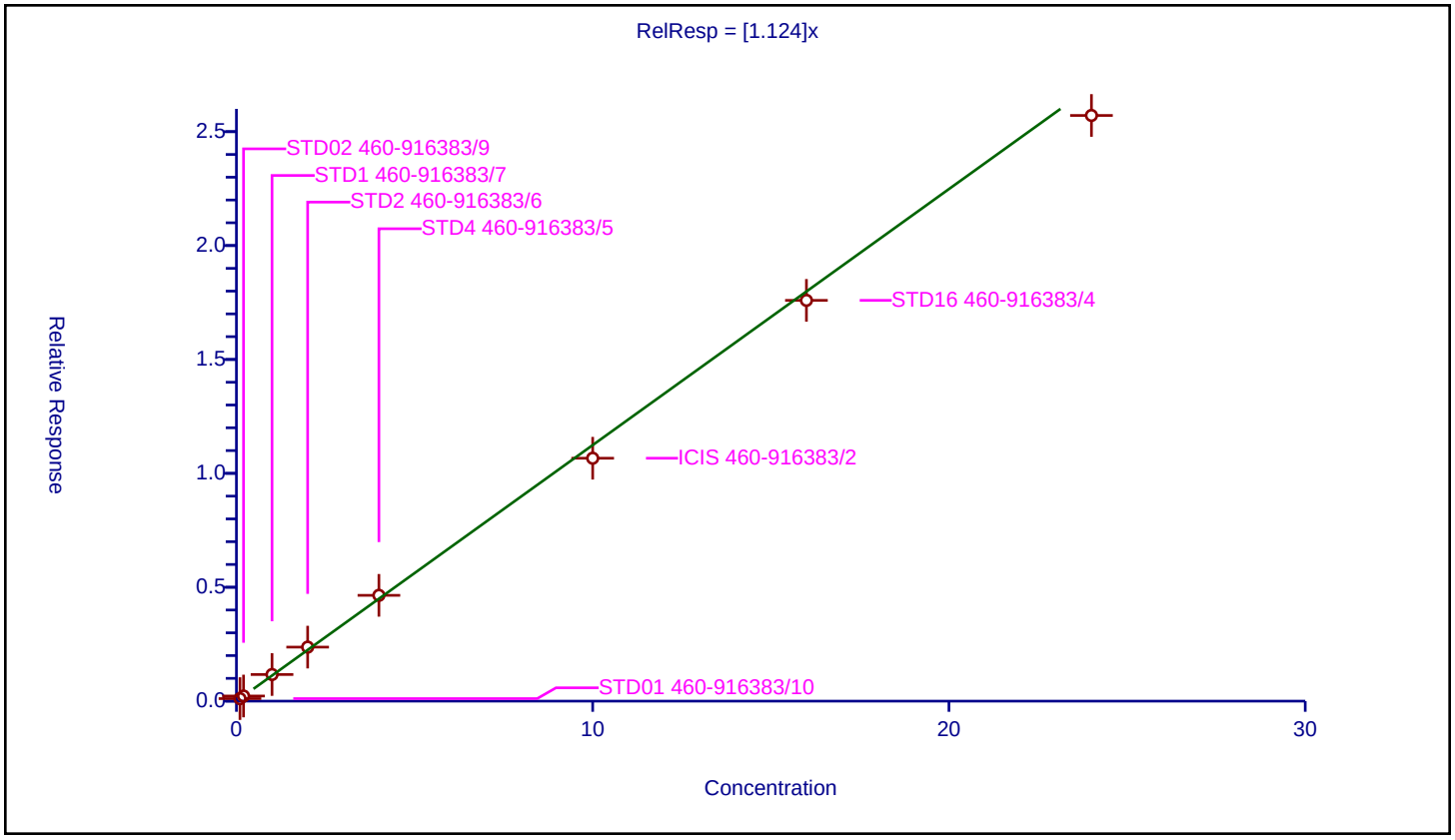
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Standard Error:	716000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.111335	8.0	445574.0	1.11335	Y
2	STD02 460-916383/9	0.2	0.225005	8.0	485286.0	1.125027	Y
3	STD1 460-916383/7	1.0	1.169112	8.0	465769.0	1.169112	Y
4	STD2 460-916383/6	2.0	2.372273	8.0	469902.0	1.186137	Y
5	STD4 460-916383/5	4.0	4.645233	8.0	466114.0	1.161308	Y
6	ICIS 460-916383/2	10.0	10.664419	8.0	508929.0	1.066442	Y
7	STD16 460-916383/4	16.0	17.593685	8.0	450749.0	1.099605	Y
8	STD24 460-916383/3	24.0	25.711492	8.0	444805.0	1.071312	Y



7/12/2023
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Calibration / 4-Chloroaniline

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

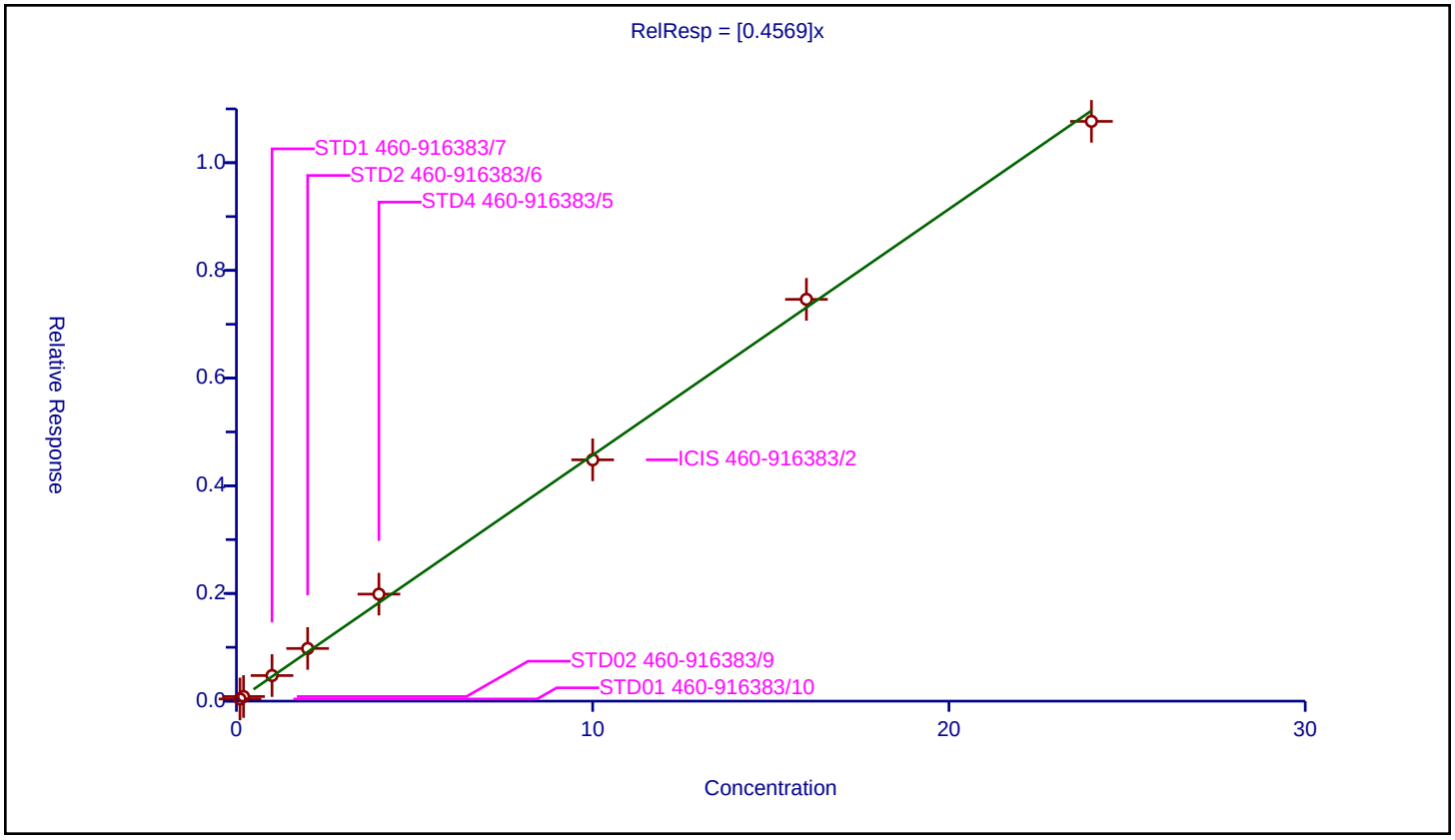
Curve Coefficients

Intercept:	0
Slope:	0.4569

Error Coefficients

Standard Error:	301000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.040254	8.0	445574.0	0.402537	Y
2	STD02 460-916383/9	0.2	0.085673	8.0	485286.0	0.428366	Y
3	STD1 460-916383/7	1.0	0.475171	8.0	465769.0	0.475171	Y
4	STD2 460-916383/6	2.0	0.978417	8.0	469902.0	0.489208	Y
5	STD4 460-916383/5	4.0	1.987428	8.0	466114.0	0.496857	Y
6	ICIS 460-916383/2	10.0	4.482055	8.0	508929.0	0.448206	Y
7	STD16 460-916383/4	16.0	7.462495	8.0	450749.0	0.466406	Y
8	STD24 460-916383/3	24.0	10.768584	8.0	444805.0	0.448691	Y



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10:47 AM

Calibration / 2,6-Dichlorophenol

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

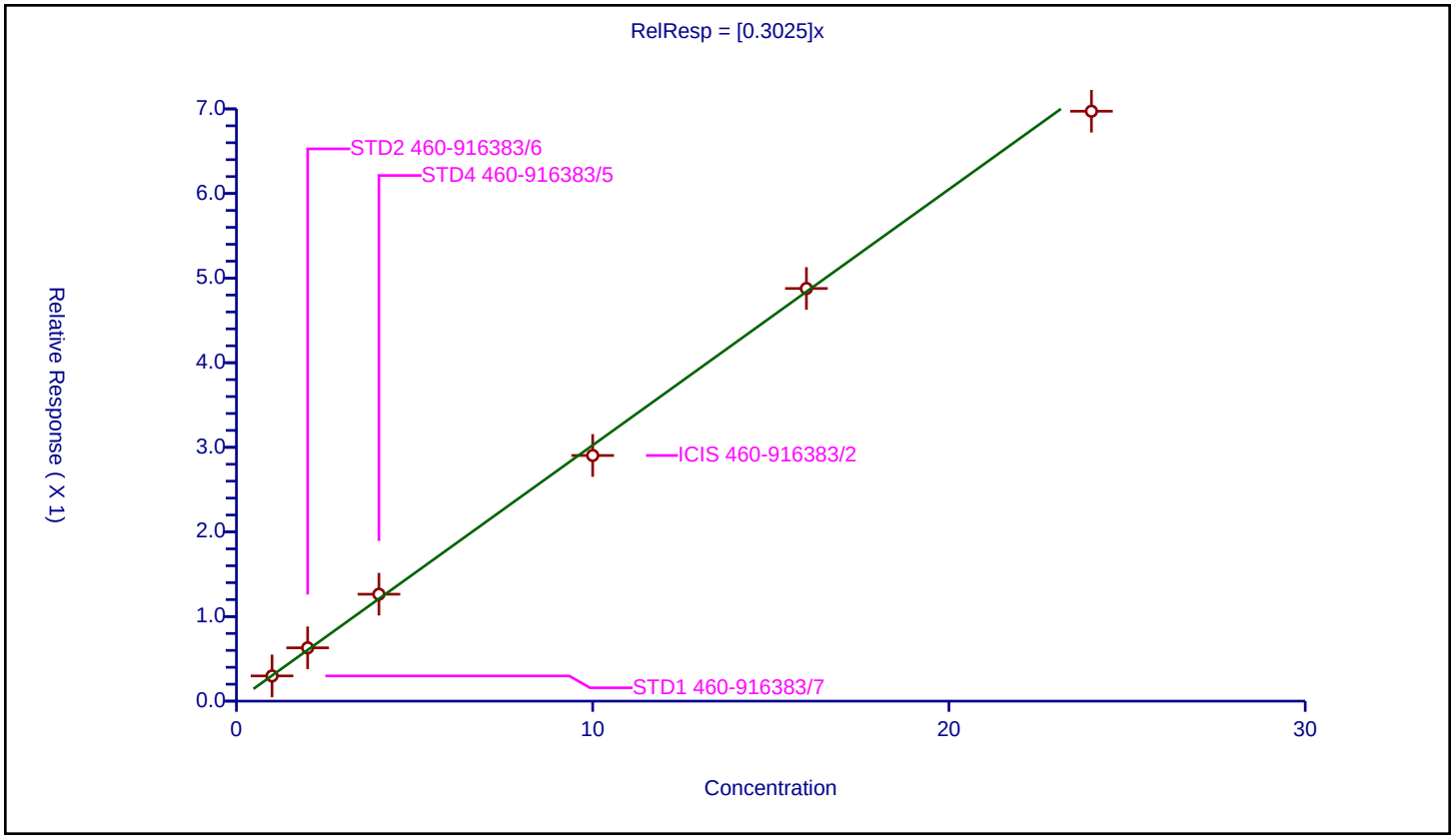
Curve Coefficients

Intercept:	0
Slope:	0.3025

Error Coefficients

Standard Error:	231000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.298019	8.0	465769.0	0.298019	Y
2	STD2 460-916383/6	2.0	0.630123	8.0	469902.0	0.315061	Y
3	STD4 460-916383/5	4.0	1.263897	8.0	466114.0	0.315974	Y
4	ICIS 460-916383/2	10.0	2.903603	8.0	508929.0	0.29036	Y
5	STD16 460-916383/4	16.0	4.877198	8.0	450749.0	0.304825	Y
6	STD24 460-916383/3	24.0	6.972727	8.0	444805.0	0.29053	Y



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

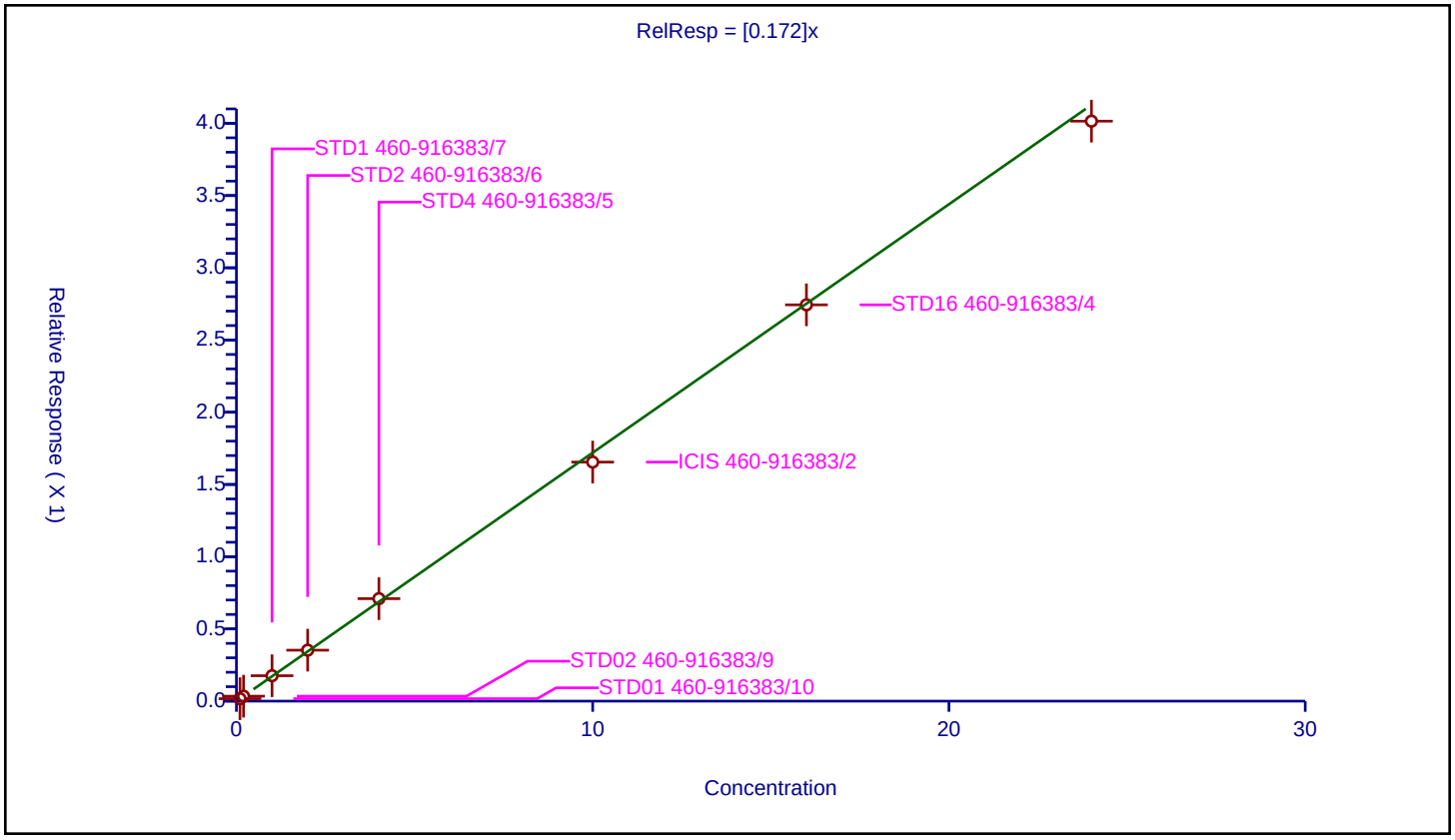
Curve Coefficients

Intercept:	0
Slope:	0.172

Error Coefficients

Standard Error:	112000
Relative Standard Error:	2.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.017128	8.0	445574.0	0.171285	Y
2	STD02 460-916383/9	0.2	0.034124	8.0	485286.0	0.170621	Y
3	STD1 460-916383/7	1.0	0.175916	8.0	465769.0	0.175916	Y
4	STD2 460-916383/6	2.0	0.35284	8.0	469902.0	0.17642	Y
5	STD4 460-916383/5	4.0	0.709475	8.0	466114.0	0.177369	Y
6	ICIS 460-916383/2	10.0	1.654911	8.0	508929.0	0.165491	Y
7	STD16 460-916383/4	16.0	2.743522	8.0	450749.0	0.17147	Y
8	STD24 460-916383/3	24.0	4.015135	8.0	444805.0	0.167297	Y



Calibration / Caprolactam

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

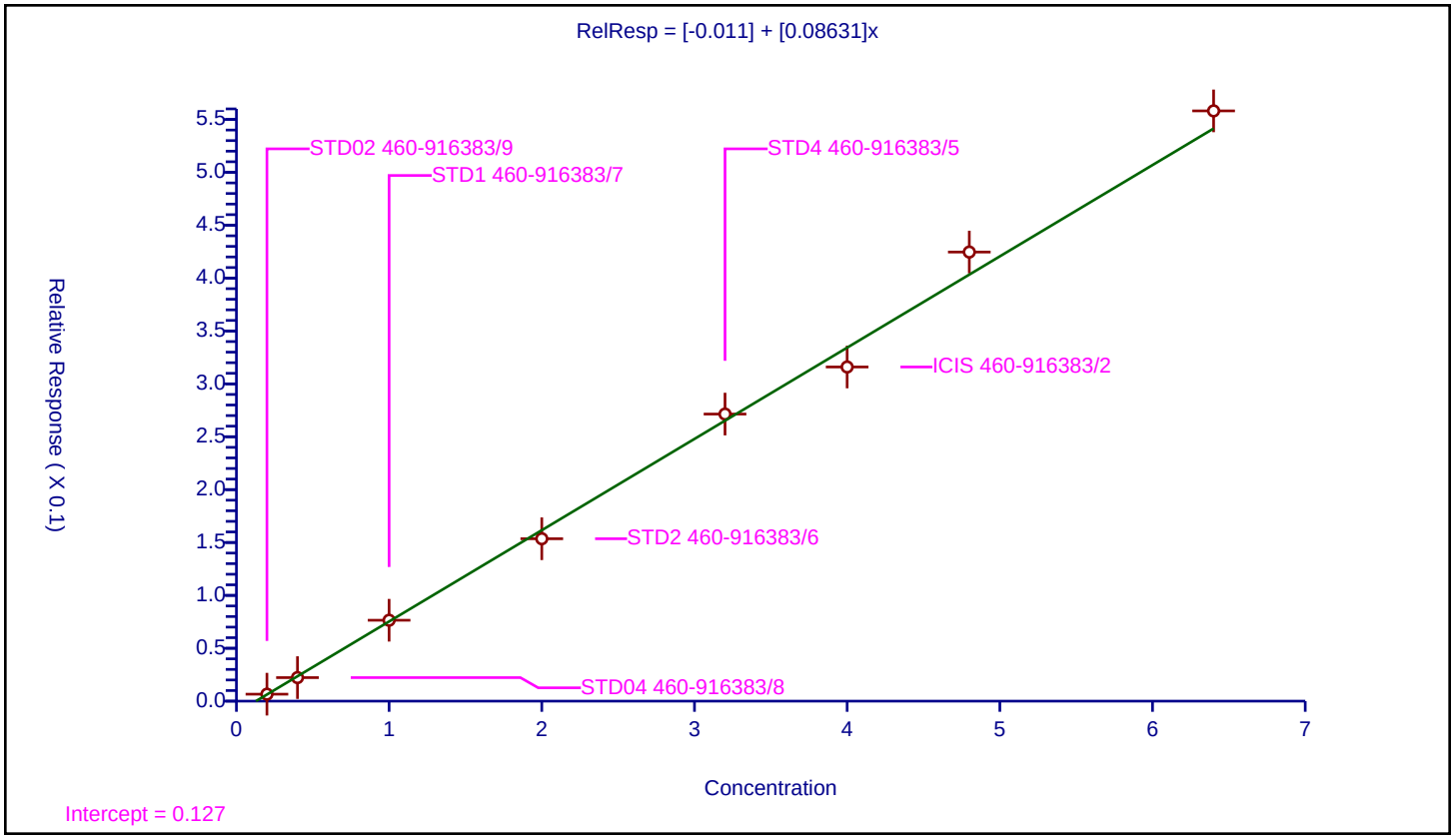
Curve Coefficients

Intercept:	-0.011
Slope:	0.08631

Error Coefficients

Standard Error:	19500
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.006578	8.0	485286.0	0.032888	Y
2	STD04 460-916383/8	0.4	0.02226	8.0	498472.0	0.05565	Y
3	STD1 460-916383/7	1.0	0.076484	8.0	465769.0	0.076484	Y
4	STD2 460-916383/6	2.0	0.153564	8.0	469902.0	0.076782	Y
5	STD4 460-916383/5	3.2	0.271436	8.0	466114.0	0.084824	Y
6	ICIS 460-916383/2	4.0	0.315958	8.0	508929.0	0.078989	Y
7	STD16 460-916383/4	4.8	0.424644	8.0	450749.0	0.088468	Y
8	STD24 460-916383/3	6.4	0.558105	8.0	444805.0	0.087204	Y



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10:47 AM

Calibration / 4-Chloro-3-methylphenol

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

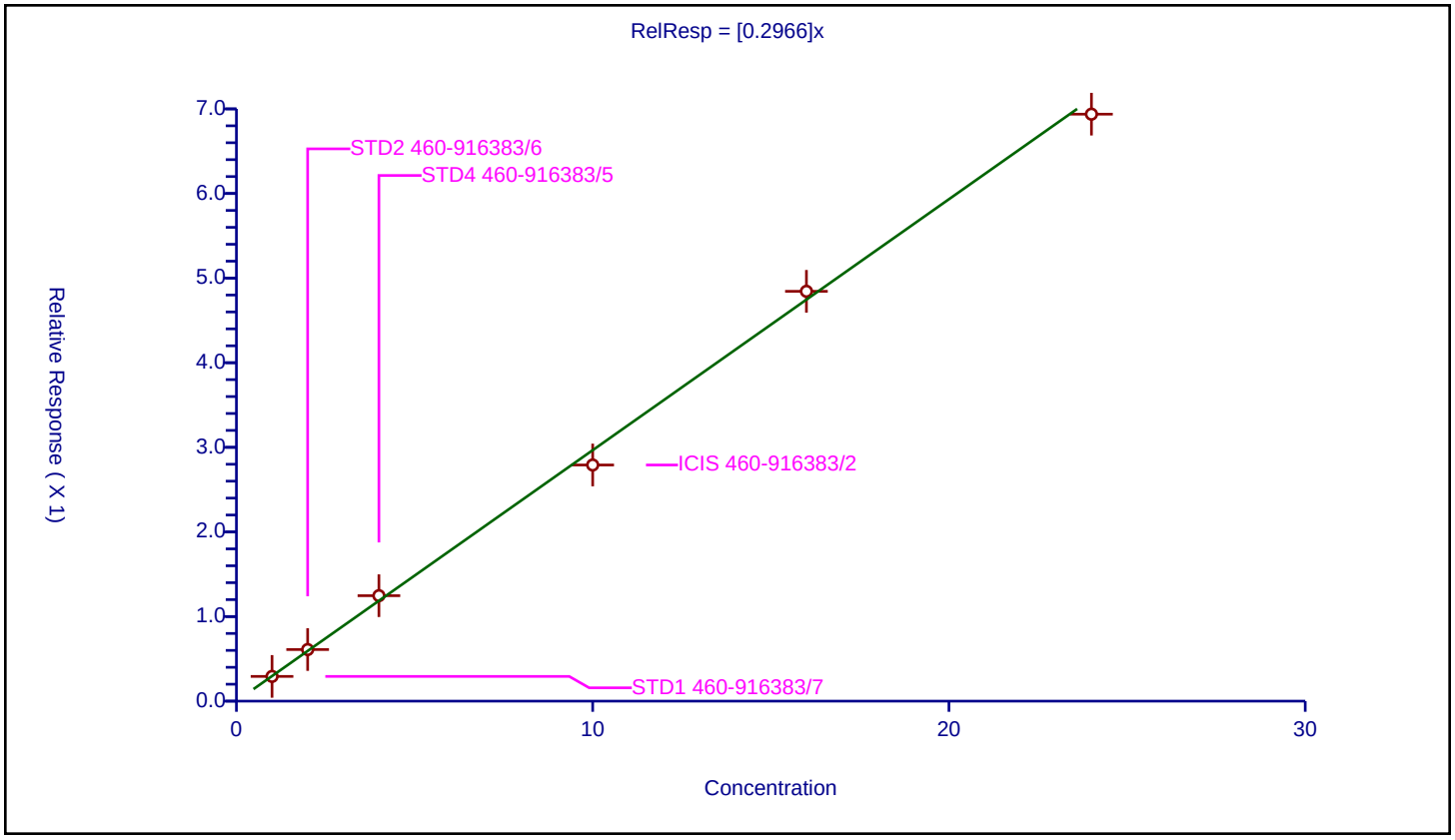
Curve Coefficients

Intercept:	0
Slope:	0.2966

Error Coefficients

Standard Error:	229000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.292299	8.0	465769.0	0.292299	Y
2	STD2 460-916383/6	2.0	0.609761	8.0	469902.0	0.304881	Y
3	STD4 460-916383/5	4.0	1.246339	8.0	466114.0	0.311585	Y
4	ICIS 460-916383/2	10.0	2.791179	8.0	508929.0	0.279118	Y
5	STD16 460-916383/4	16.0	4.843955	8.0	450749.0	0.302747	Y
6	STD24 460-916383/3	24.0	6.9378	8.0	444805.0	0.289075	Y



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Calibration / 2-Methylnaphthalene

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

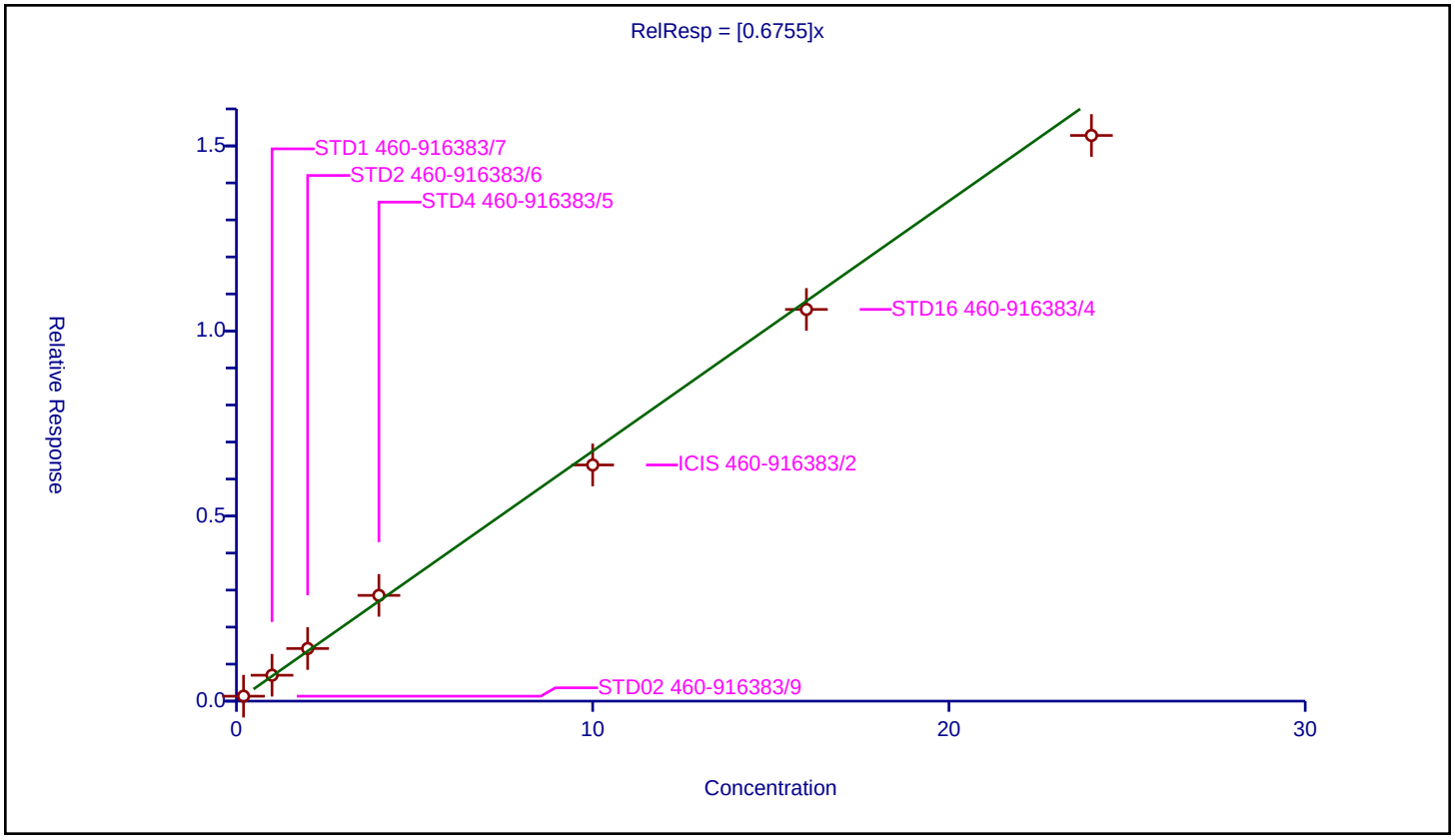
Curve Coefficients

Intercept:	0
Slope:	0.6755

Error Coefficients

Standard Error:	462000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.133513	8.0	485286.0	0.667565	Y
2	STD1 460-916383/7	1.0	0.699918	8.0	465769.0	0.699918	Y
3	STD2 460-916383/6	2.0	1.421488	8.0	469902.0	0.710744	Y
4	STD4 460-916383/5	4.0	2.857121	8.0	466114.0	0.71428	Y
5	ICIS 460-916383/2	10.0	6.380411	8.0	508929.0	0.638041	Y
6	STD16 460-916383/4	16.0	10.582475	8.0	450749.0	0.661405	Y
7	STD24 460-916383/3	24.0	15.282454	8.0	444805.0	0.636769	Y



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10:47 AM

Calibration / 1-Methylnaphthalene

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

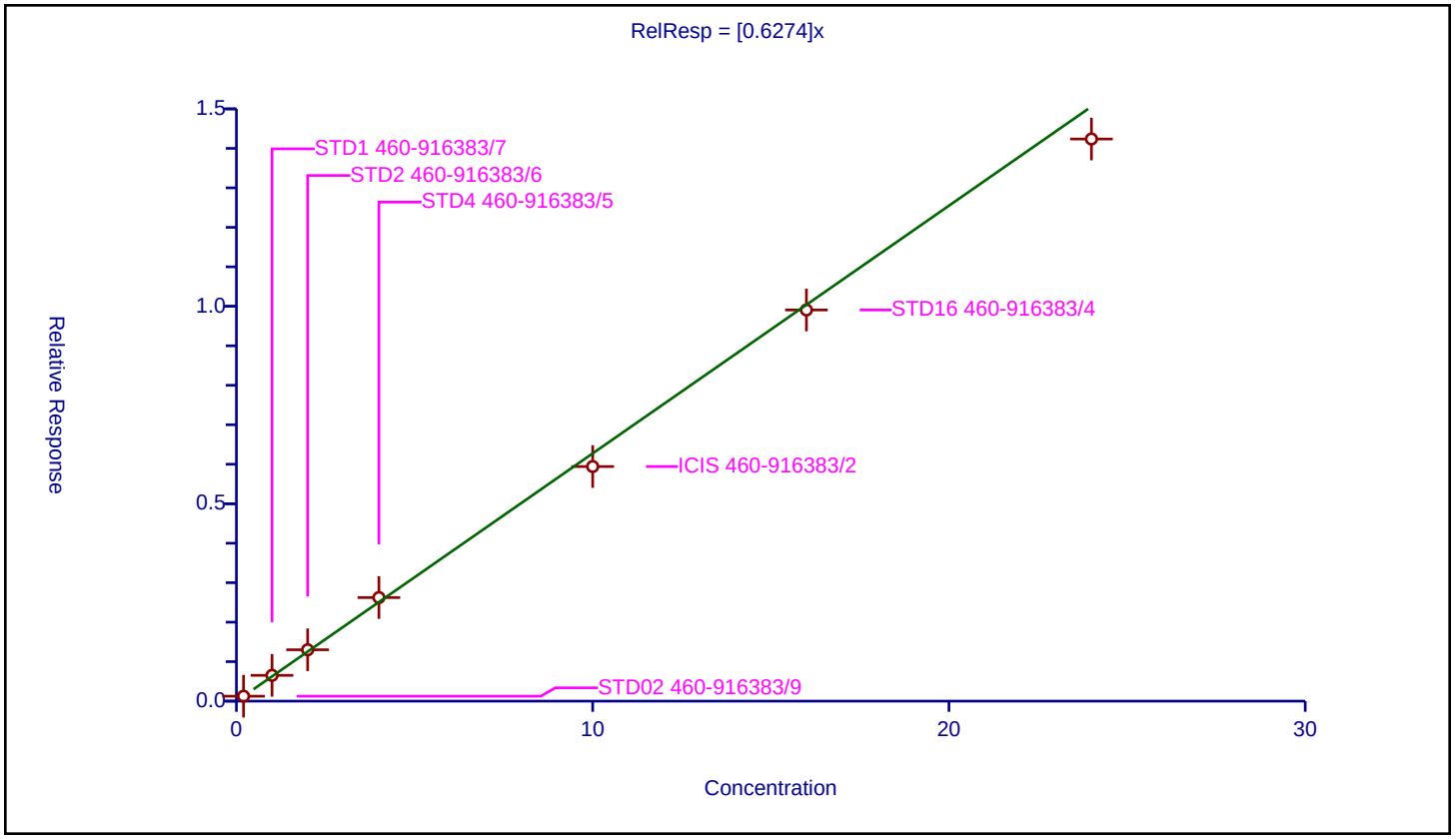
Curve Coefficients

Intercept:	0
Slope:	0.6274

Error Coefficients

Standard Error:	430000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.125172	8.0	485286.0	0.625858	Y
2	STD1 460-916383/7	1.0	0.653199	8.0	465769.0	0.653199	Y
3	STD2 460-916383/6	2.0	1.30085	8.0	469902.0	0.650425	Y
4	STD4 460-916383/5	4.0	2.623204	8.0	466114.0	0.655801	Y
5	ICIS 460-916383/2	10.0	5.941811	8.0	508929.0	0.594181	Y
6	STD16 460-916383/4	16.0	9.90735	8.0	450749.0	0.619209	Y
7	STD24 460-916383/3	24.0	14.23716	8.0	444805.0	0.593215	Y



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Calibration / Hexachlorocyclopentadiene

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

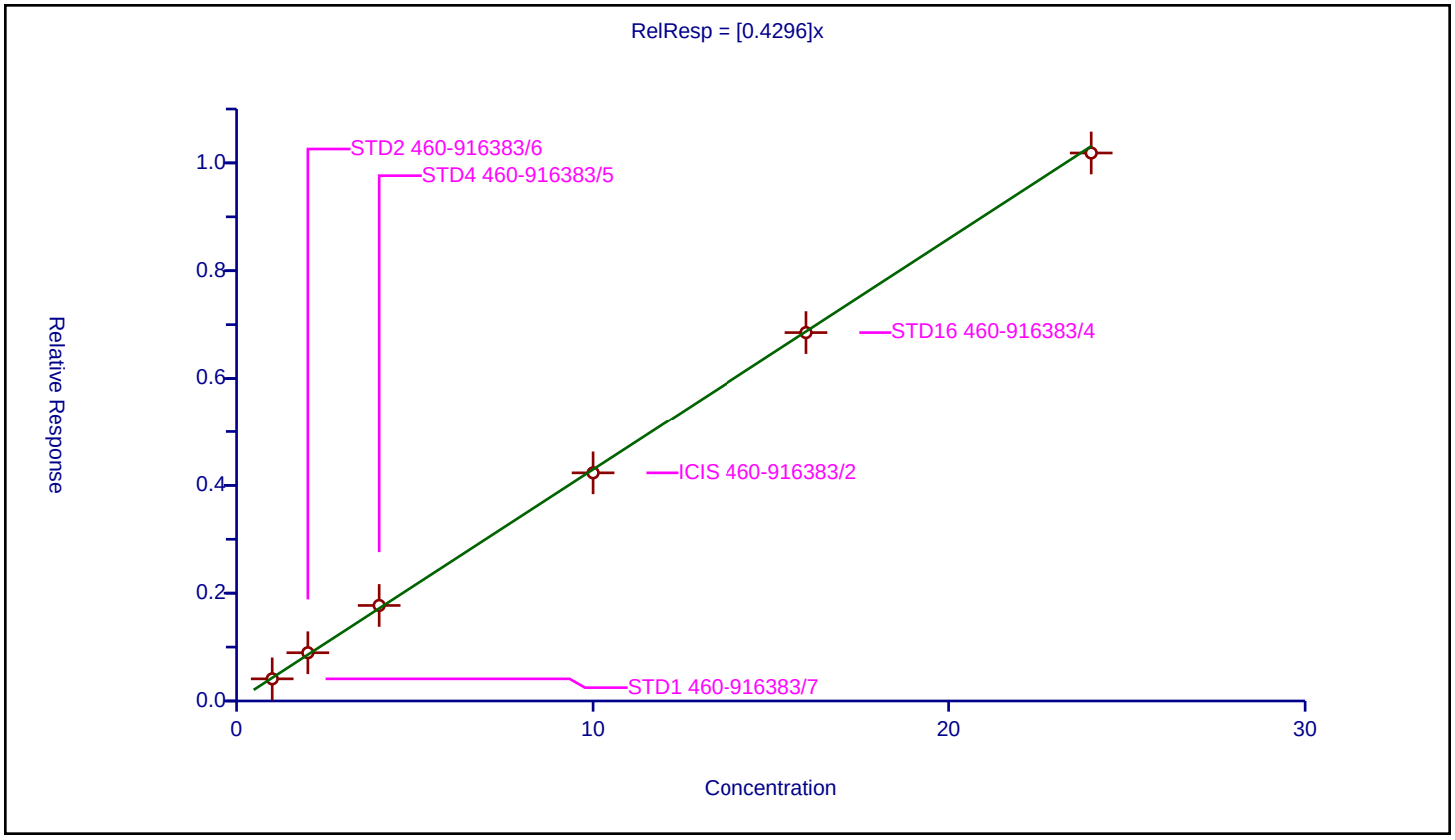
Curve Coefficients

Intercept:	0
Slope:	0.4296

Error Coefficients

Standard Error:	159000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.410896	8.0	230793.0	0.410896	Y
2	STD2 460-916383/6	2.0	0.895116	8.0	230406.0	0.447558	Y
3	STD4 460-916383/5	4.0	1.772325	8.0	225137.0	0.443081	Y
4	ICIS 460-916383/2	10.0	4.232493	8.0	240764.0	0.423249	Y
5	STD16 460-916383/4	16.0	6.852505	8.0	217329.0	0.428282	Y
6	STD24 460-916383/3	24.0	10.184432	8.0	212035.0	0.424351	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

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

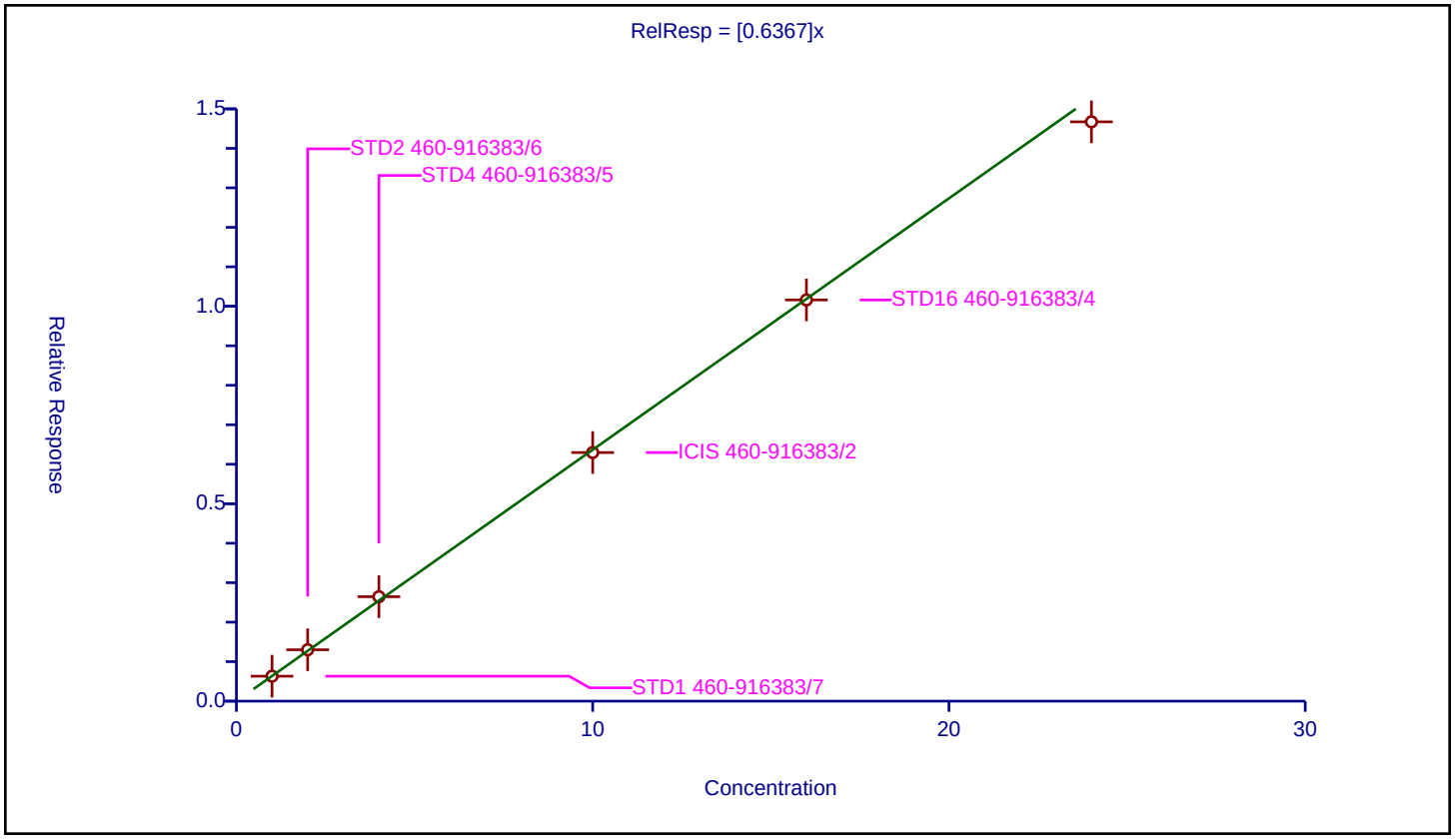
Curve Coefficients

Intercept:	0
Slope:	0.6367

Error Coefficients

Standard Error:	233000
Relative Standard Error:	2.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.631943	8.0	230793.0	0.631943	Y
2	STD2 460-916383/6	2.0	1.301563	8.0	230406.0	0.650782	Y
3	STD4 460-916383/5	4.0	2.645216	8.0	225137.0	0.661304	Y
4	ICIS 460-916383/2	10.0	6.296257	8.0	240764.0	0.629626	Y
5	STD16 460-916383/4	16.0	10.161111	8.0	217329.0	0.635069	Y
6	STD24 460-916383/3	24.0	14.67237	8.0	212035.0	0.611349	Y



Calibration / 2-tertbutyl-4-methylphenol

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

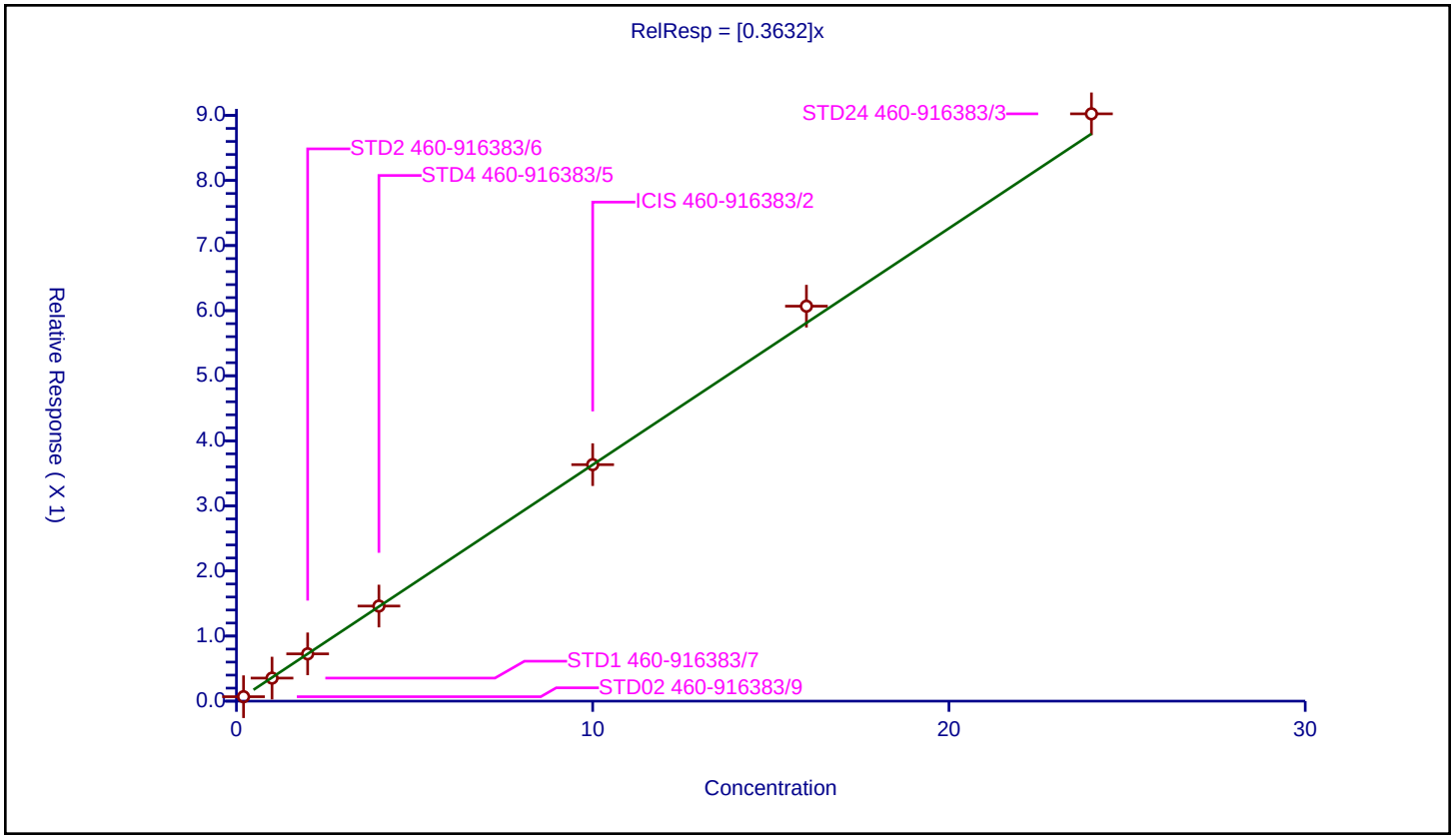
Curve Coefficients

Intercept:	0
Slope:	0.3632

Error Coefficients

Standard Error:	268000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.068215	8.0	485286.0	0.341077	Y
2	STD1 460-916383/7	1.0	0.354167	8.0	465769.0	0.354167	Y
3	STD2 460-916383/6	2.0	0.726671	8.0	469902.0	0.363335	Y
4	STD4 460-916383/5	4.0	1.46117	8.0	466114.0	0.365293	Y
5	ICIS 460-916383/2	10.0	3.633796	8.0	508929.0	0.36338	Y
6	STD16 460-916383/4	16.0	6.06869	8.0	450749.0	0.379293	Y
7	STD24 460-916383/3	24.0	9.024377	8.0	444805.0	0.376016	Y



Calibration / 2,4,6-Trichlorophenol

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

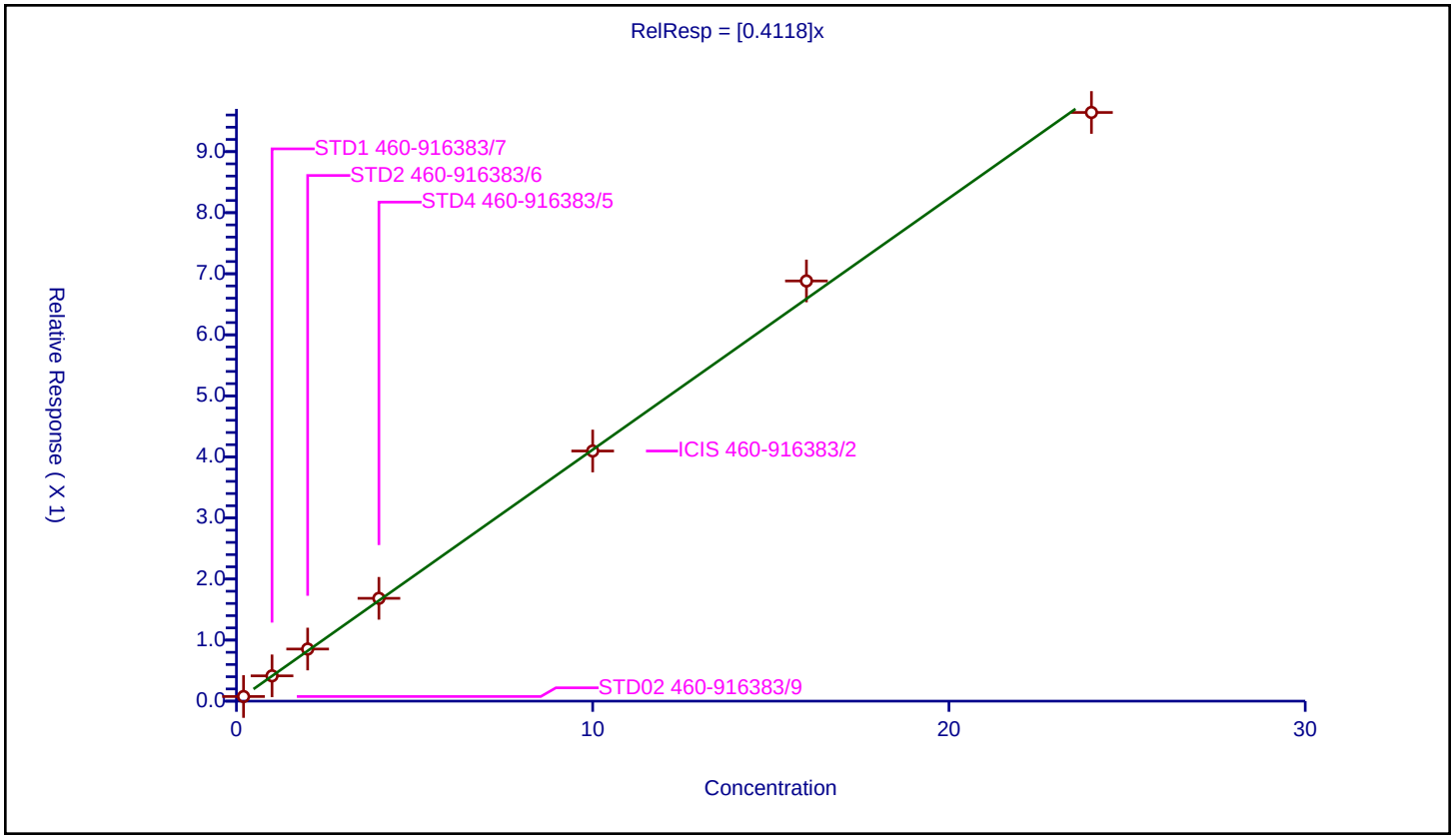
Curve Coefficients

Intercept:	0
Slope:	0.4118

Error Coefficients

Standard Error:	141000
Relative Standard Error:	4.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.075845	8.0	237327.0	0.379224	Y
2	STD1 460-916383/7	1.0	0.414363	8.0	230793.0	0.414363	Y
3	STD2 460-916383/6	2.0	0.853485	8.0	230406.0	0.426742	Y
4	STD4 460-916383/5	4.0	1.683952	8.0	225137.0	0.420988	Y
5	ICIS 460-916383/2	10.0	4.096858	8.0	240764.0	0.409686	Y
6	STD16 460-916383/4	16.0	6.882064	8.0	217329.0	0.430129	Y
7	STD24 460-916383/3	24.0	9.641654	8.0	212035.0	0.401736	Y



Calibration / 2,4,5-Trichlorophenol

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

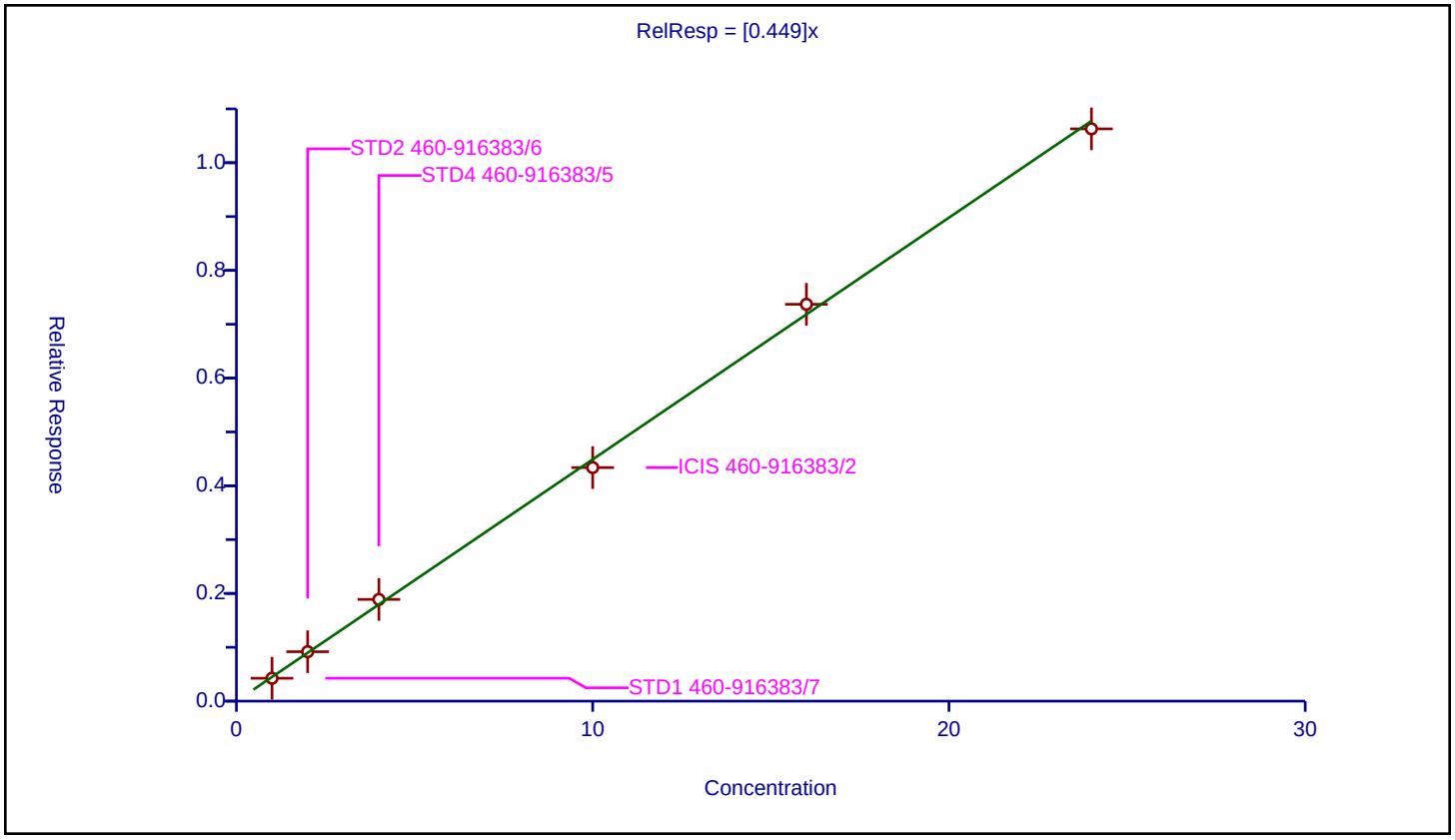
Curve Coefficients

Intercept:	0
Slope:	0.449

Error Coefficients

Standard Error:	167000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.425282	8.0	230793.0	0.425282	Y
2	STD2 460-916383/6	2.0	0.917789	8.0	230406.0	0.458894	Y
3	STD4 460-916383/5	4.0	1.889481	8.0	225137.0	0.47237	Y
4	ICIS 460-916383/2	10.0	4.338157	8.0	240764.0	0.433816	Y
5	STD16 460-916383/4	16.0	7.371239	8.0	217329.0	0.460702	Y
6	STD24 460-916383/3	24.0	10.629075	8.0	212035.0	0.442878	Y



Calibration / 2-Fluorobiphenyl

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

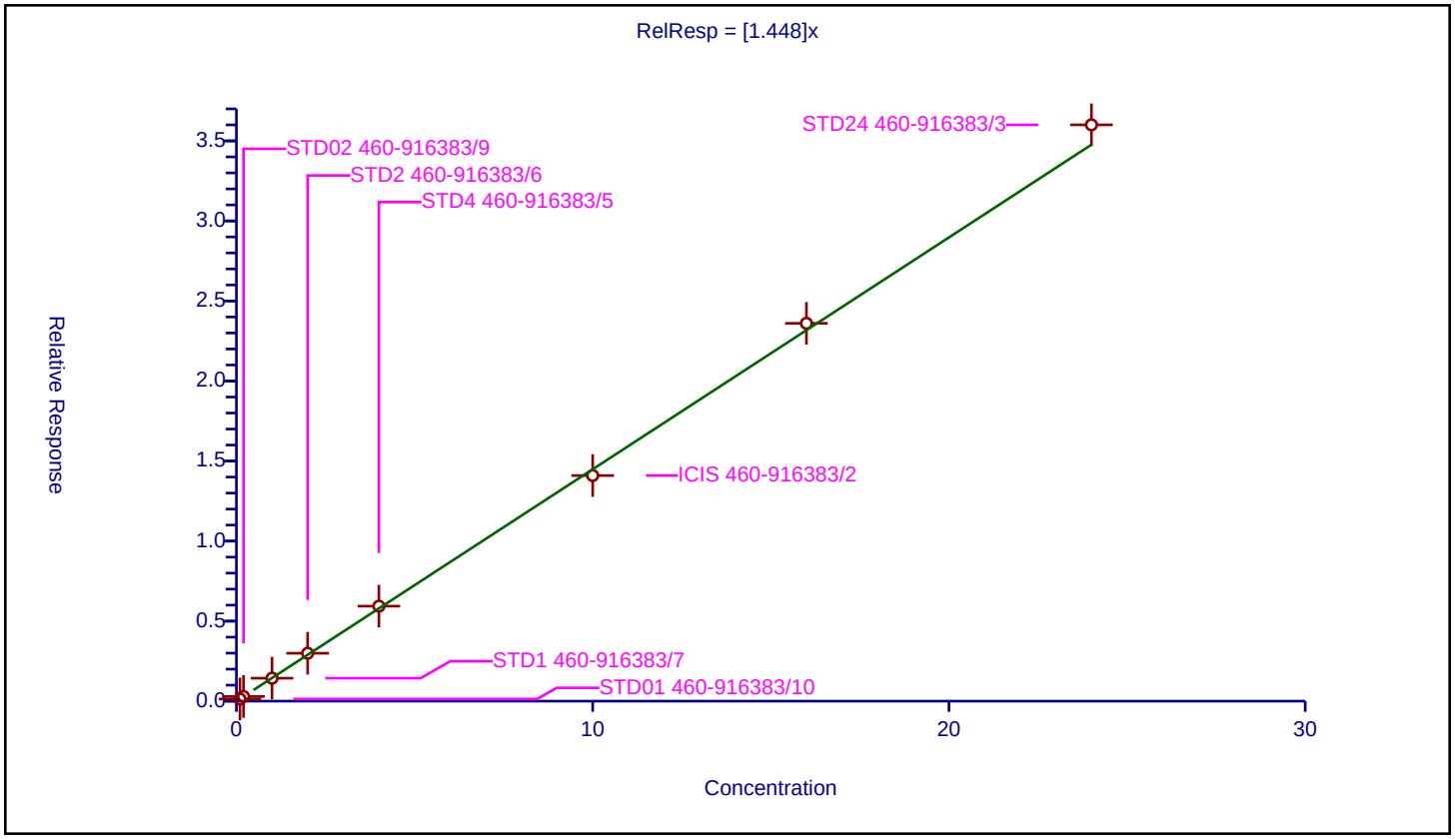
Curve Coefficients

Intercept:	0
Slope:	1.448

Error Coefficients

Standard Error:	469000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.134044	8.0	221599.0	1.340439	Y
2	STD02 460-916383/9	0.2	0.289929	8.0	237327.0	1.449645	Y
3	STD1 460-916383/7	1.0	1.432868	8.0	230793.0	1.432868	Y
4	STD2 460-916383/6	2.0	2.992492	8.0	230406.0	1.496246	Y
5	STD4 460-916383/5	4.0	5.933916	8.0	225137.0	1.483479	Y
6	ICIS 460-916383/2	10.0	14.094599	8.0	240764.0	1.40946	Y
7	STD16 460-916383/4	16.0	23.603698	8.0	217329.0	1.475231	Y
8	STD24 460-916383/3	24.0	36.003641	8.0	212035.0	1.500152	Y



Calibration / 1,1'-Biphenyl

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

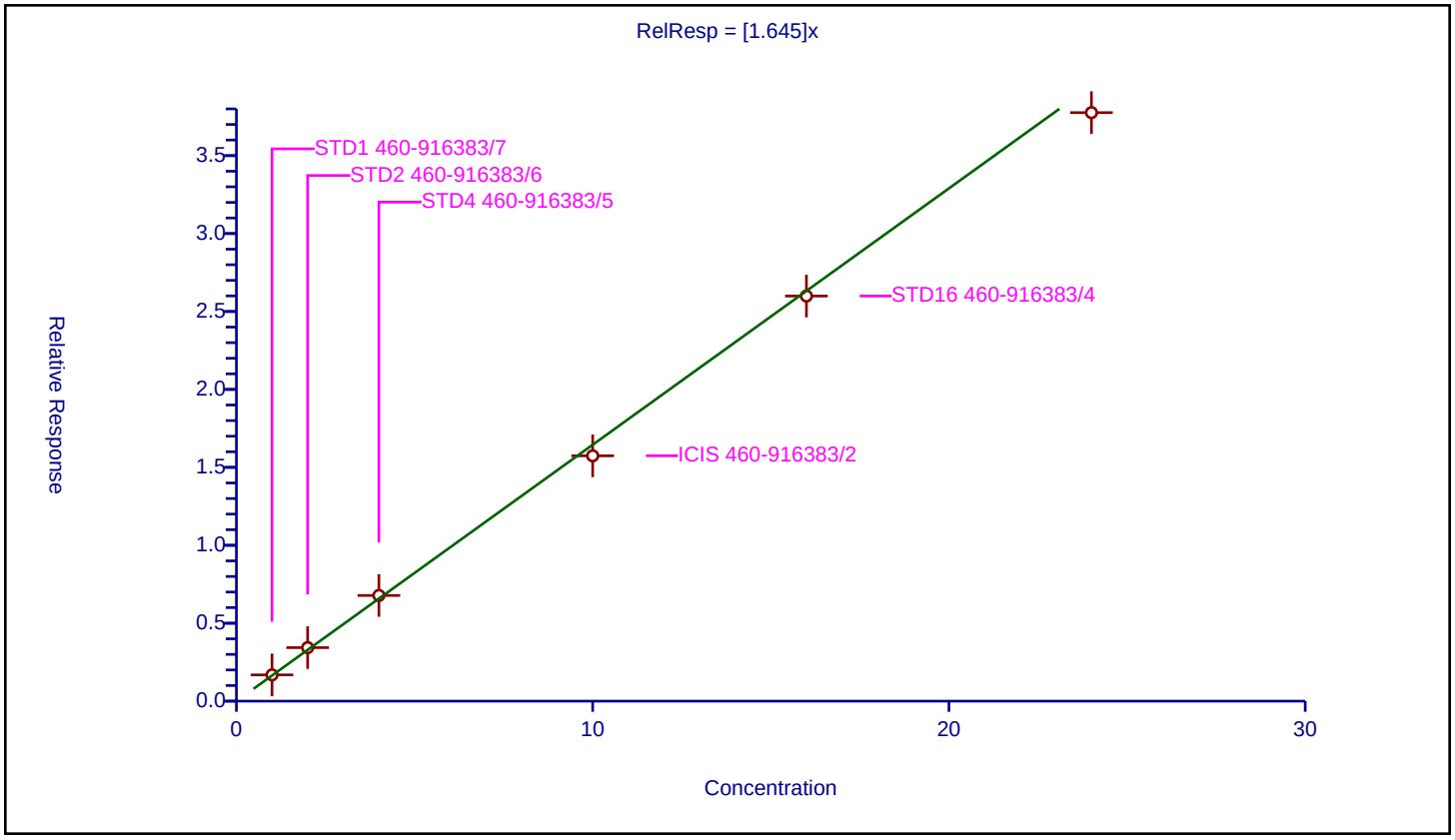
Curve Coefficients

Intercept:	0
Slope:	1.645

Error Coefficients

Standard Error:	595000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.685805	8.0	230793.0	1.685805	Y
2	STD2 460-916383/6	2.0	3.434459	8.0	230406.0	1.71723	Y
3	STD4 460-916383/5	4.0	6.780156	8.0	225137.0	1.695039	Y
4	ICIS 460-916383/2	10.0	15.739961	8.0	240764.0	1.573996	Y
5	STD16 460-916383/4	16.0	25.991892	8.0	217329.0	1.624493	Y
6	STD24 460-916383/3	24.0	37.759087	8.0	212035.0	1.573295	Y



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Calibration / 2-Chloronaphthalene

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

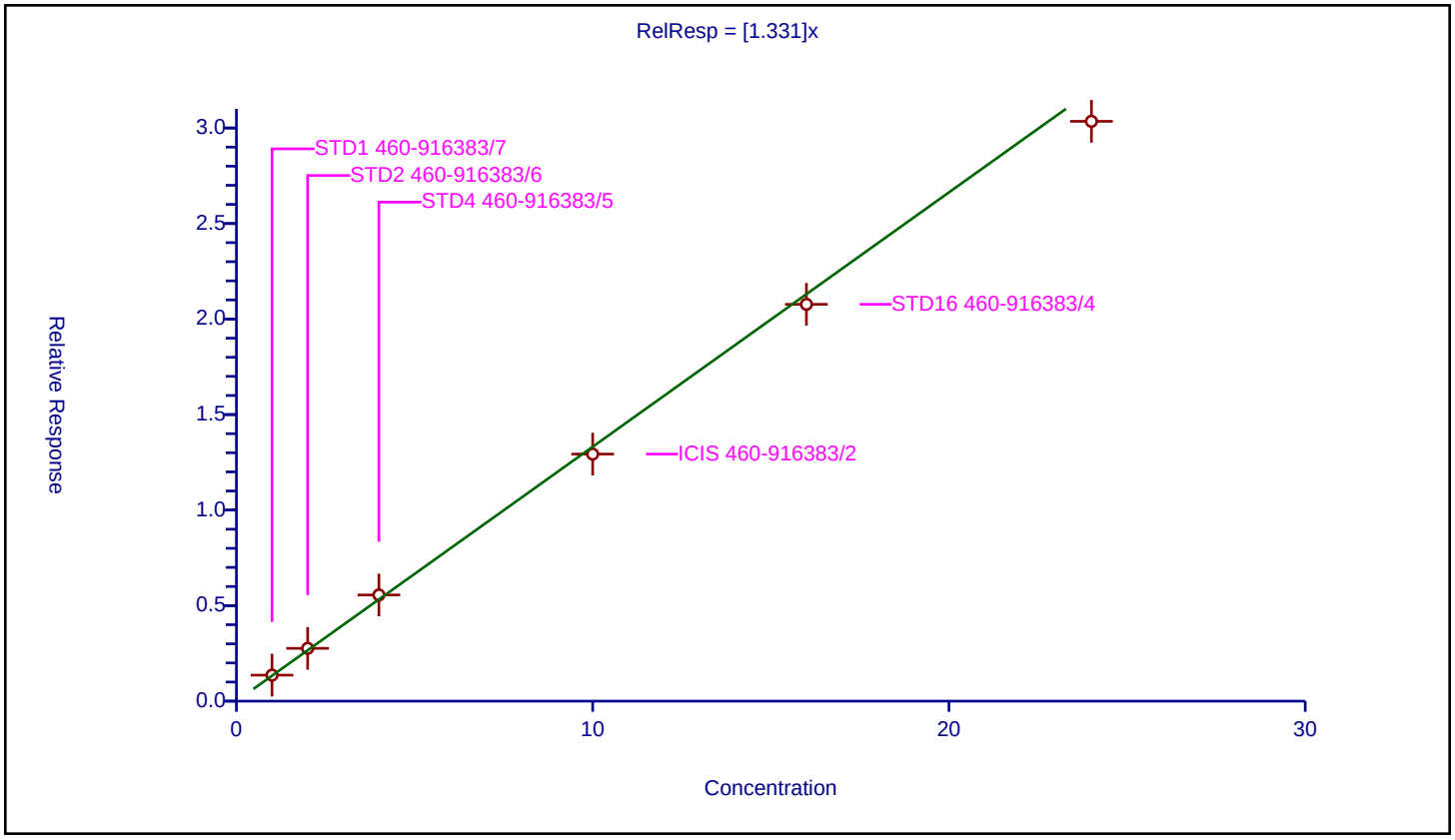
Curve Coefficients

Intercept:	0
Slope:	1.331

Error Coefficients

Standard Error:	479000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.361358	8.0	230793.0	1.361358	Y
2	STD2 460-916383/6	2.0	2.764199	8.0	230406.0	1.382099	Y
3	STD4 460-916383/5	4.0	5.558002	8.0	225137.0	1.389501	Y
4	ICIS 460-916383/2	10.0	12.931668	8.0	240764.0	1.293167	Y
5	STD16 460-916383/4	16.0	20.770905	8.0	217329.0	1.298182	Y
6	STD24 460-916383/3	24.0	30.348763	8.0	212035.0	1.264532	Y



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

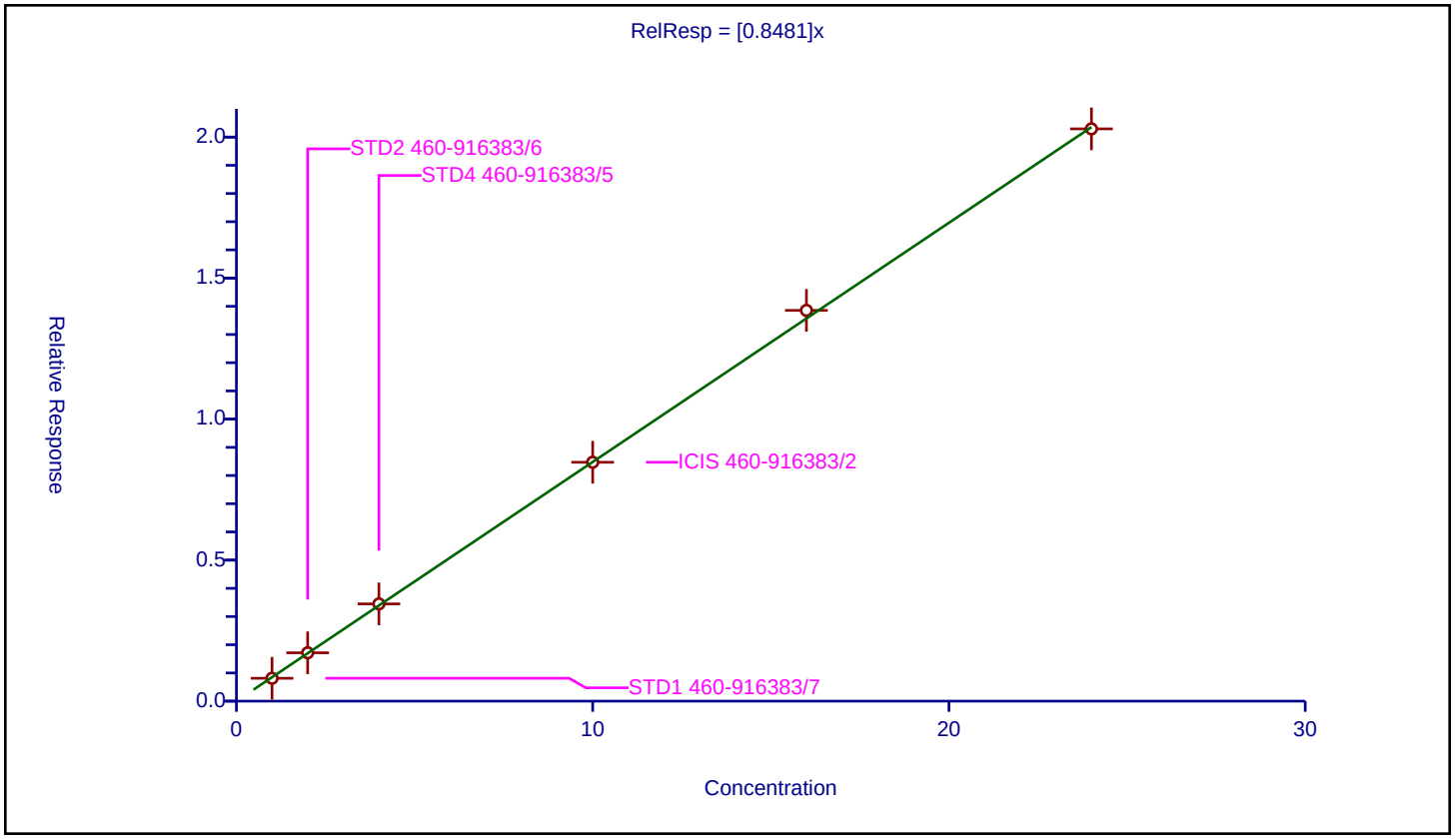
Curve Coefficients

Intercept:	0
Slope:	0.8481

Error Coefficients

Standard Error:	319000
Relative Standard Error:	2.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.810666	8.0	230793.0	0.810666	Y
2	STD2 460-916383/6	2.0	1.714087	8.0	230406.0	0.857044	Y
3	STD4 460-916383/5	4.0	3.448851	8.0	225137.0	0.862213	Y
4	ICIS 460-916383/2	10.0	8.469672	8.0	240764.0	0.846967	Y
5	STD16 460-916383/4	16.0	13.855565	8.0	217329.0	0.865973	Y
6	STD24 460-916383/3	24.0	20.29182	8.0	212035.0	0.845492	Y



Calibration / 2-Nitroaniline

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

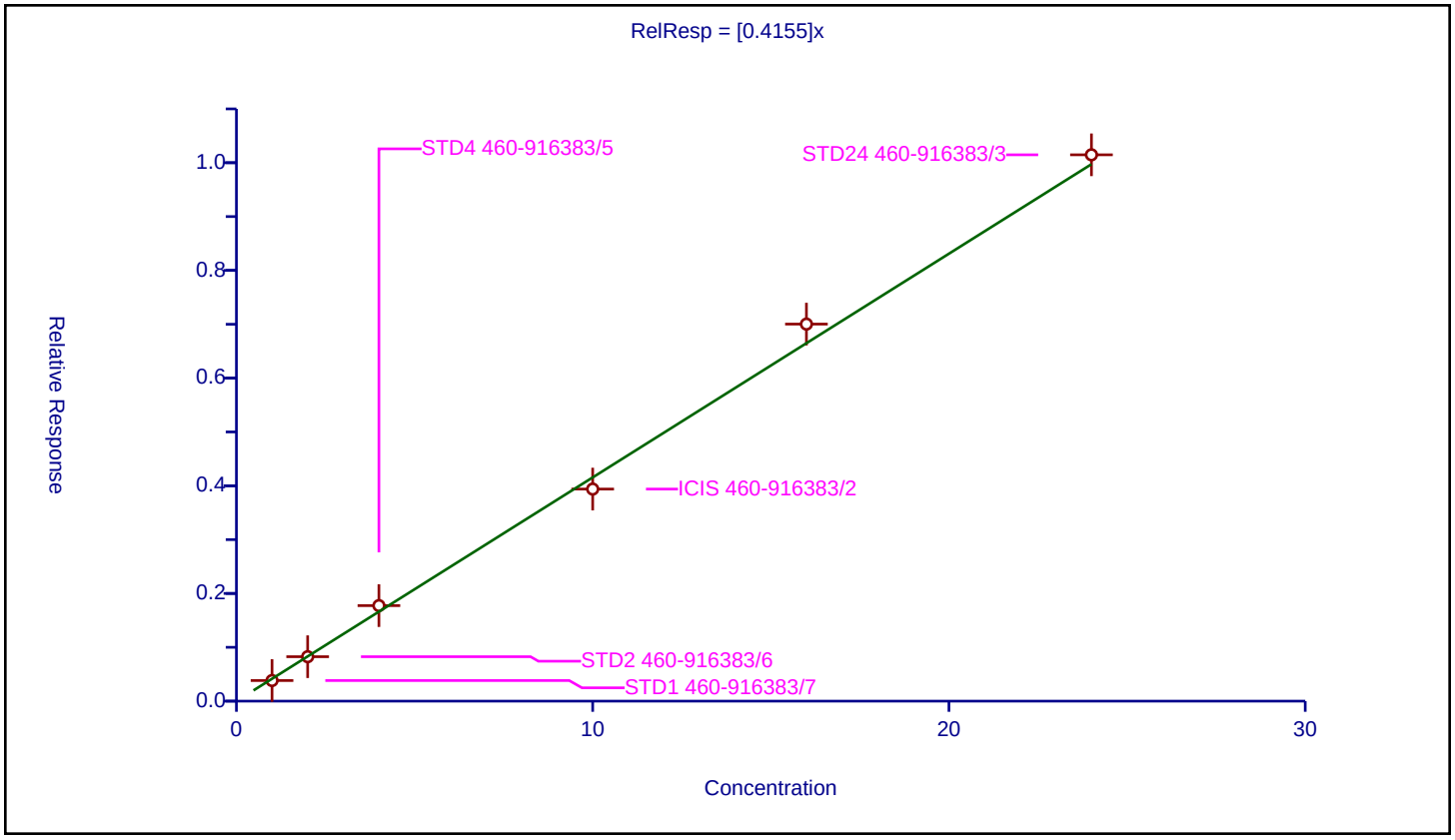
Curve Coefficients

Intercept:	0
Slope:	0.4155

Error Coefficients

Standard Error:	159000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.382646	8.0	230793.0	0.382646	Y
2	STD2 460-916383/6	2.0	0.825222	8.0	230406.0	0.412611	Y
3	STD4 460-916383/5	4.0	1.77396	8.0	225137.0	0.44349	Y
4	ICIS 460-916383/2	10.0	3.938861	8.0	240764.0	0.393886	Y
5	STD16 460-916383/4	16.0	7.002876	8.0	217329.0	0.43768	Y
6	STD24 460-916383/3	24.0	10.147381	8.0	212035.0	0.422808	Y



Calibration / 1,3-Dimethylnaphthalene

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

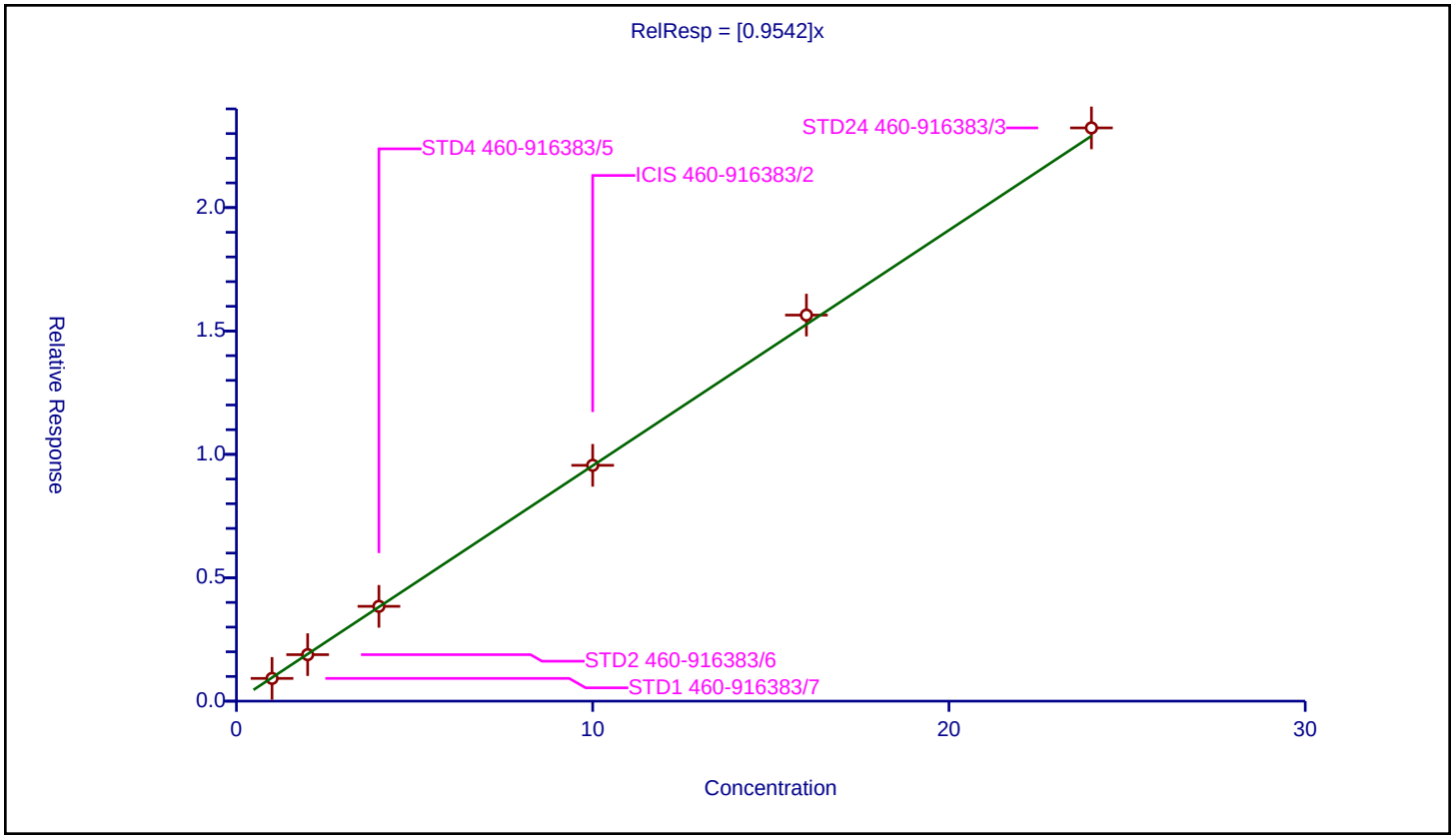
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Standard Error:	363000
Relative Standard Error:	2.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.921345	8.0	230793.0	0.921345	Y
2	STD2 460-916383/6	2.0	1.884118	8.0	230406.0	0.942059	Y
3	STD4 460-916383/5	4.0	3.841963	8.0	225137.0	0.960491	Y
4	ICIS 460-916383/2	10.0	9.556877	8.0	240764.0	0.955688	Y
5	STD16 460-916383/4	16.0	15.6436	8.0	217329.0	0.977725	Y
6	STD24 460-916383/3	24.0	23.229108	8.0	212035.0	0.96788	Y



Calibration / Dimethyl phthalate

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

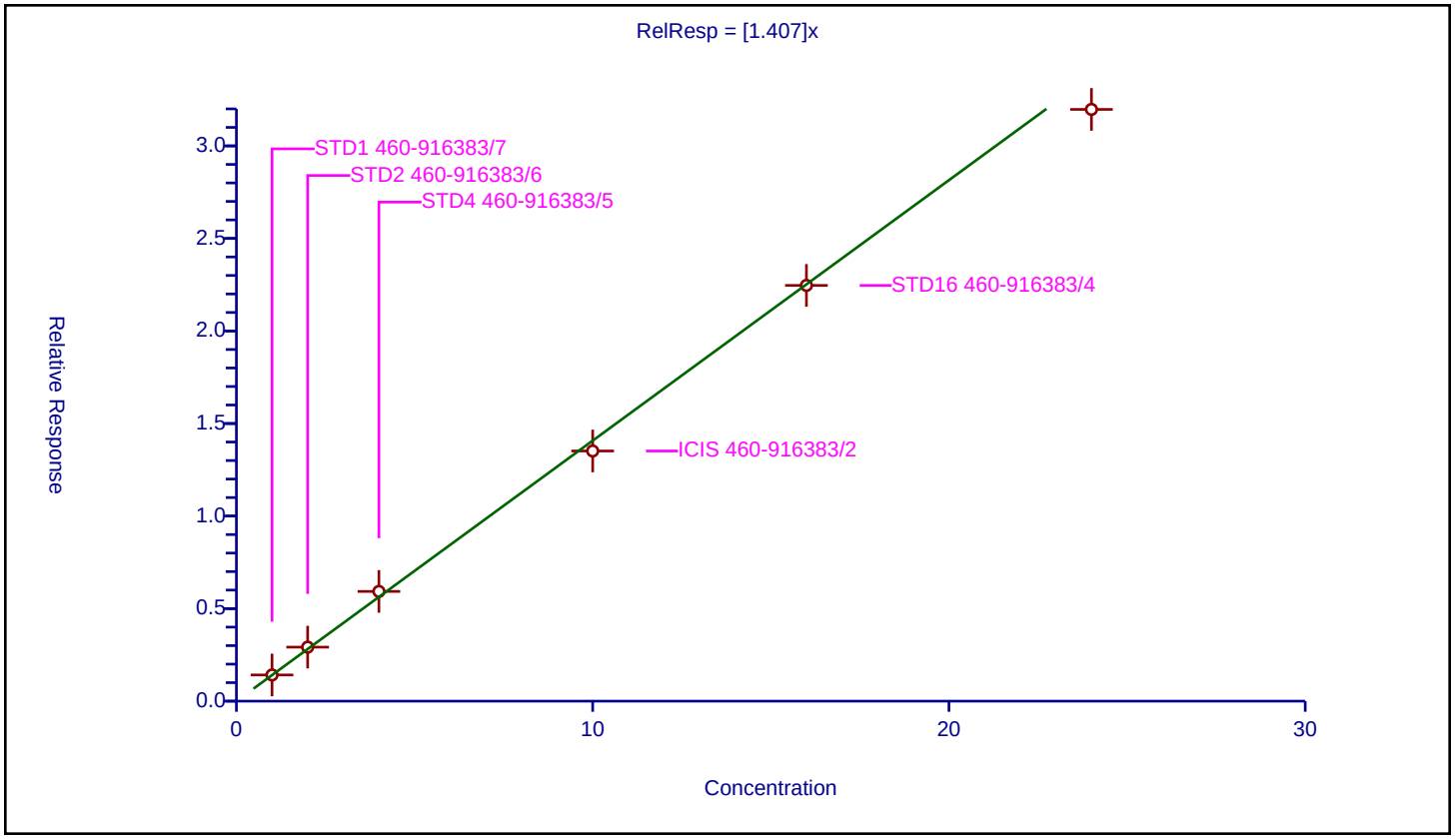
Curve Coefficients

Intercept:	0
Slope:	1.407

Error Coefficients

Standard Error:	508000
Relative Standard Error:	4.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.416022	8.0	230793.0	1.416022	Y
2	STD2 460-916383/6	2.0	2.917806	8.0	230406.0	1.458903	Y
3	STD4 460-916383/5	4.0	5.927697	8.0	225137.0	1.481924	Y
4	ICIS 460-916383/2	10.0	13.517071	8.0	240764.0	1.351707	Y
5	STD16 460-916383/4	16.0	22.461945	8.0	217329.0	1.403872	Y
6	STD24 460-916383/3	24.0	31.971137	8.0	212035.0	1.332131	Y



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Calibration / Coumarin

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

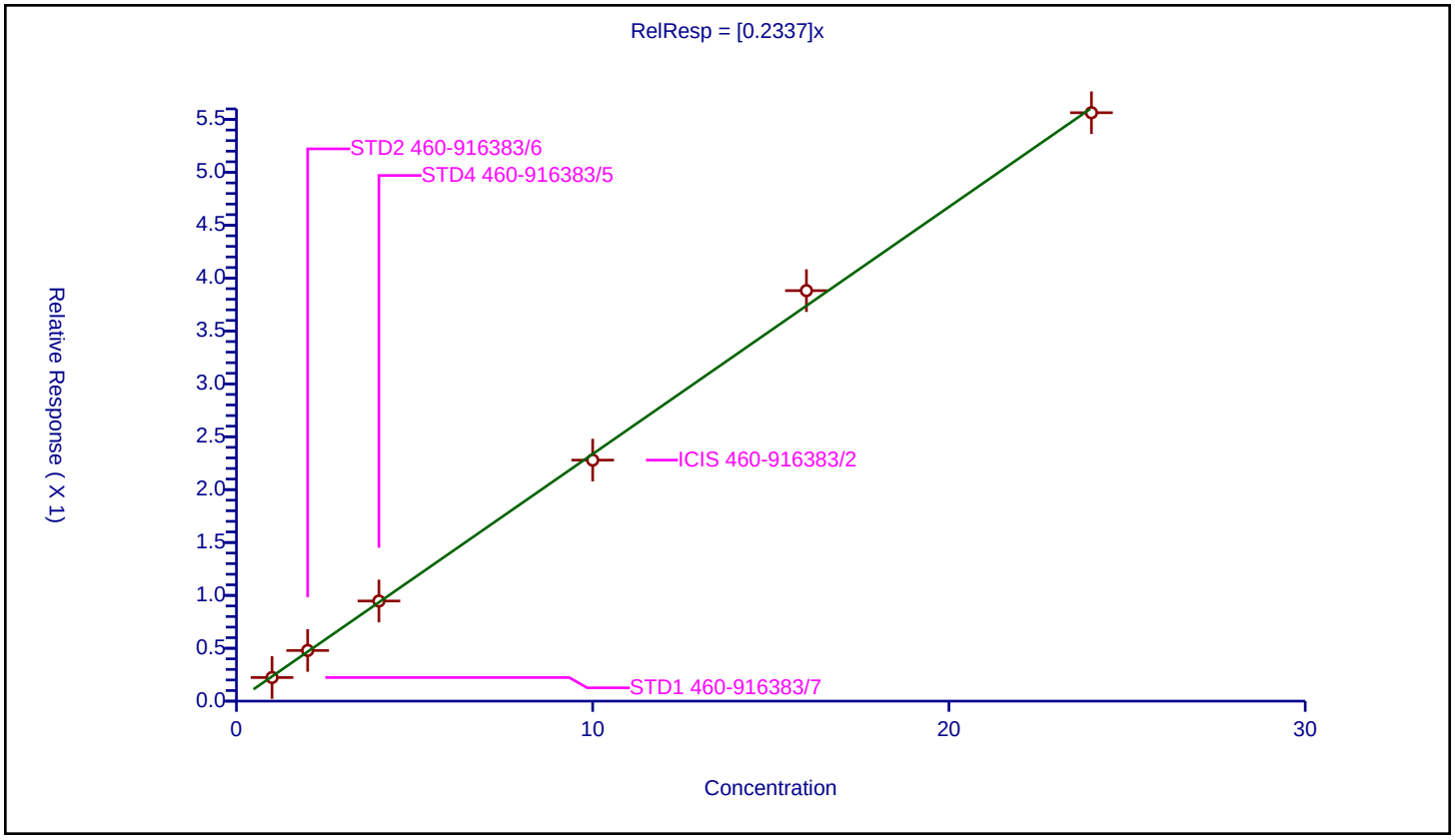
Curve Coefficients

Intercept:	0
Slope:	0.2337

Error Coefficients

Standard Error:	184000
Relative Standard Error:	3.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.223287	8.0	465769.0	0.223287	Y
2	STD2 460-916383/6	2.0	0.479198	8.0	469902.0	0.239599	Y
3	STD4 460-916383/5	4.0	0.946893	8.0	466114.0	0.236723	Y
4	ICIS 460-916383/2	10.0	2.278888	8.0	508929.0	0.227889	Y
5	STD16 460-916383/4	16.0	3.88161	8.0	450749.0	0.242601	Y
6	STD24 460-916383/3	24.0	5.563804	8.0	444805.0	0.231825	Y



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Calibration / 2,6-Dinitrotoluene

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

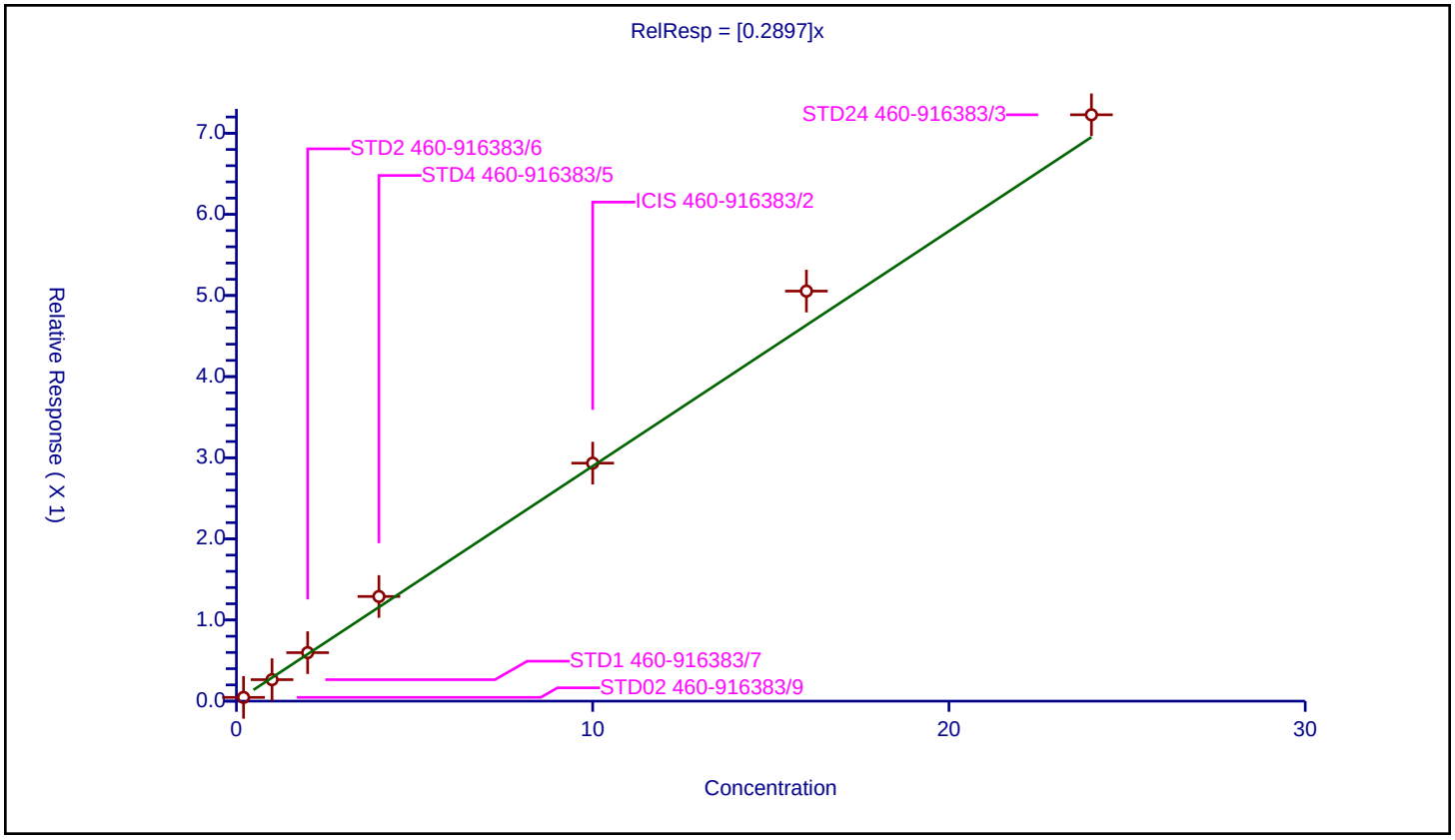
Curve Coefficients

Intercept:	0
Slope:	0.2897

Error Coefficients

Standard Error:	104000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.046248	8.0	237327.0	0.231242	Y
2	STD1 460-916383/7	1.0	0.264687	8.0	230793.0	0.264687	Y
3	STD2 460-916383/6	2.0	0.597797	8.0	230406.0	0.298898	Y
4	STD4 460-916383/5	4.0	1.290059	8.0	225137.0	0.322515	Y
5	ICIS 460-916383/2	10.0	2.933362	8.0	240764.0	0.293336	Y
6	STD16 460-916383/4	16.0	5.054309	8.0	217329.0	0.315894	Y
7	STD24 460-916383/3	24.0	7.227411	8.0	212035.0	0.301142	Y



Calibration / Acenaphthylene

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

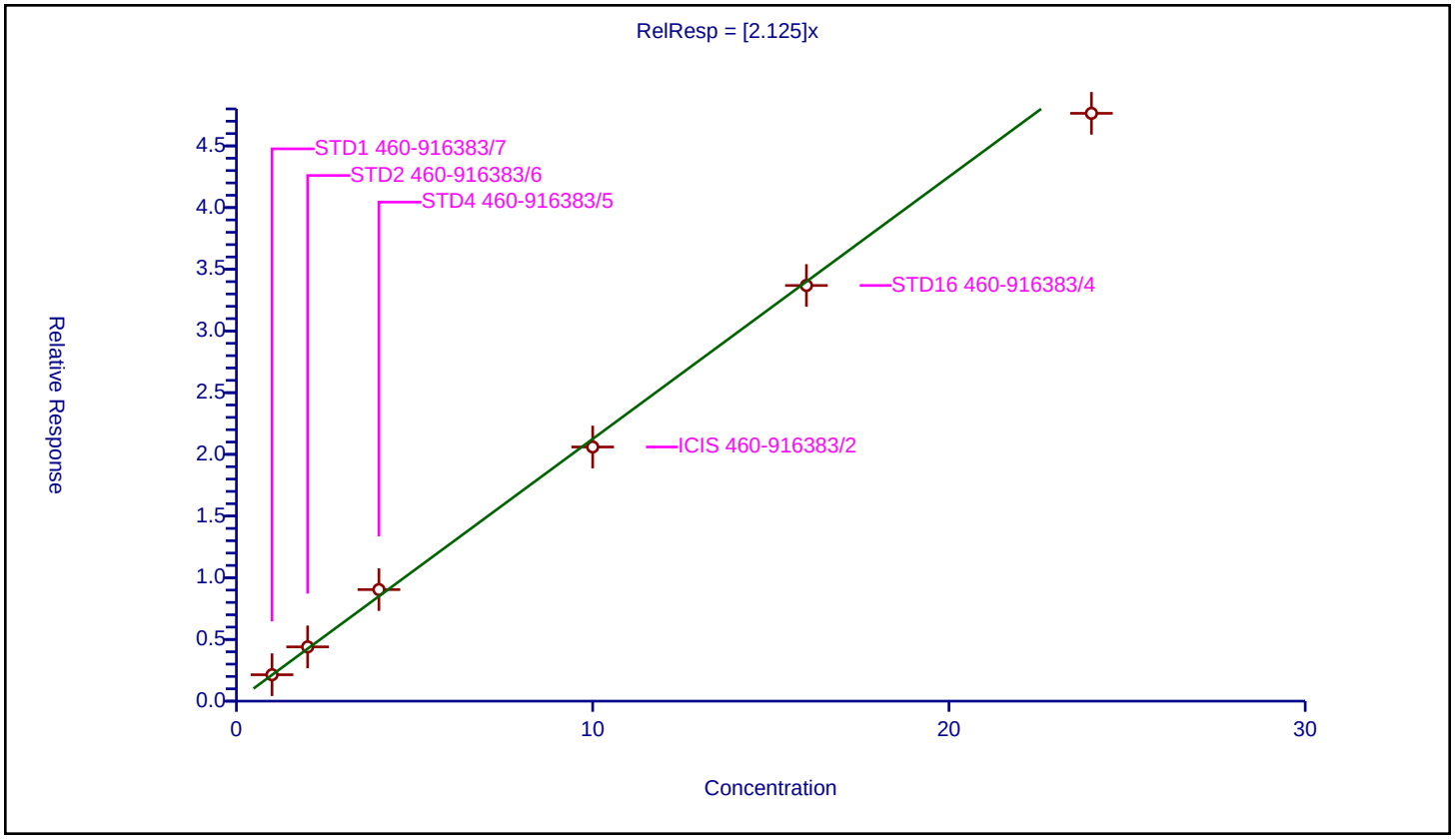
Curve Coefficients

Intercept:	0
Slope:	2.125

Error Coefficients

Standard Error:	762000
Relative Standard Error:	4.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	2.140931	8.0	230793.0	2.140931	Y
2	STD2 460-916383/6	2.0	4.397594	8.0	230406.0	2.198797	Y
3	STD4 460-916383/5	4.0	9.040646	8.0	225137.0	2.260162	Y
4	ICIS 460-916383/2	10.0	20.598561	8.0	240764.0	2.059856	Y
5	STD16 460-916383/4	16.0	33.688353	8.0	217329.0	2.105522	Y
6	STD24 460-916383/3	24.0	47.638588	8.0	212035.0	1.984941	Y



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Calibration / 3-Nitroaniline

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

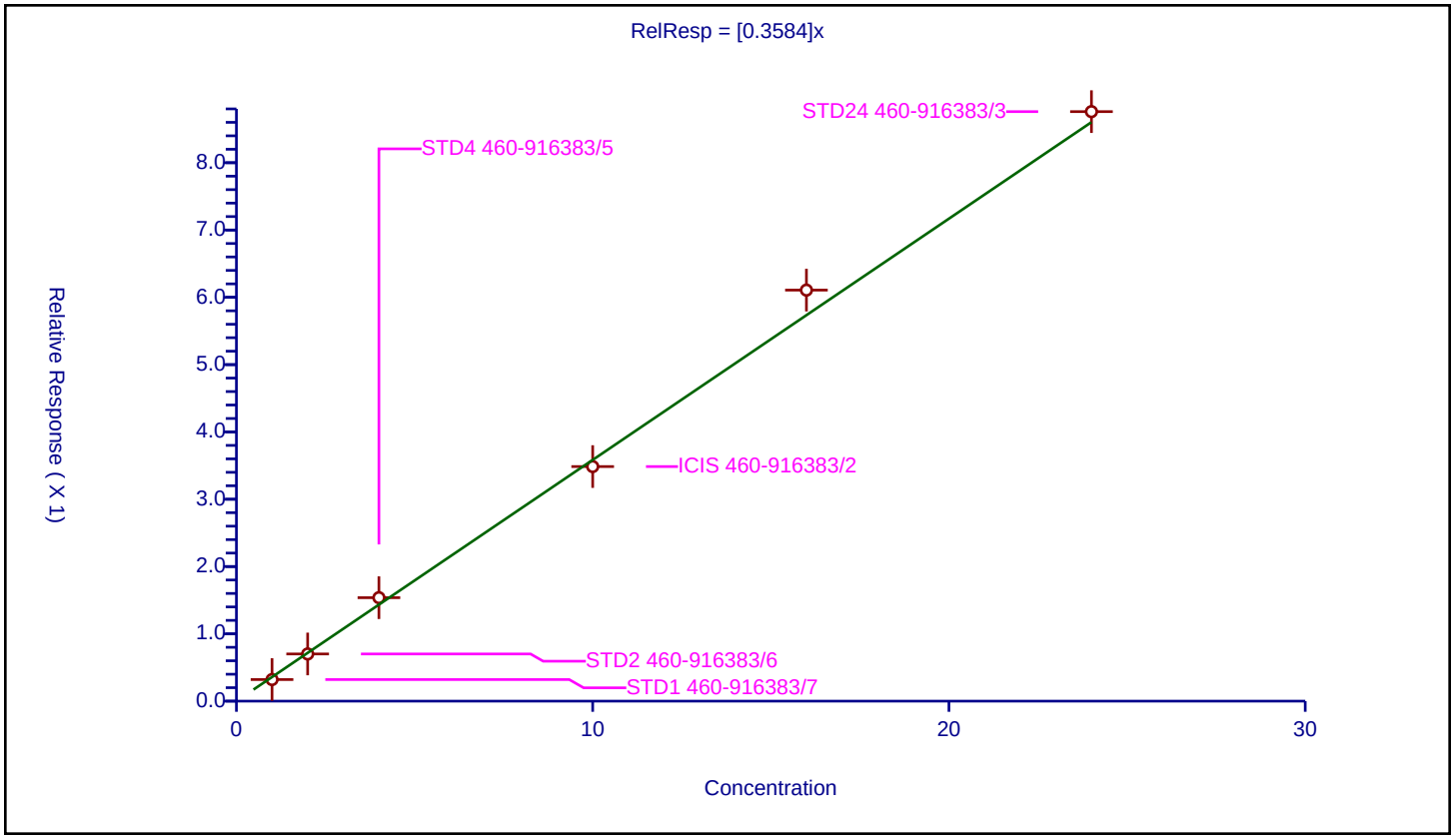
Curve Coefficients

Intercept:	0
Slope:	0.3584

Error Coefficients

Standard Error:	138000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.320564	8.0	230793.0	0.320564	Y
2	STD2 460-916383/6	2.0	0.701023	8.0	230406.0	0.350512	Y
3	STD4 460-916383/5	4.0	1.537411	8.0	225137.0	0.384353	Y
4	ICIS 460-916383/2	10.0	3.485471	8.0	240764.0	0.348547	Y
5	STD16 460-916383/4	16.0	6.107312	8.0	217329.0	0.381707	Y
6	STD24 460-916383/3	24.0	8.759309	8.0	212035.0	0.364971	Y



Calibration / Acenaphthene

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

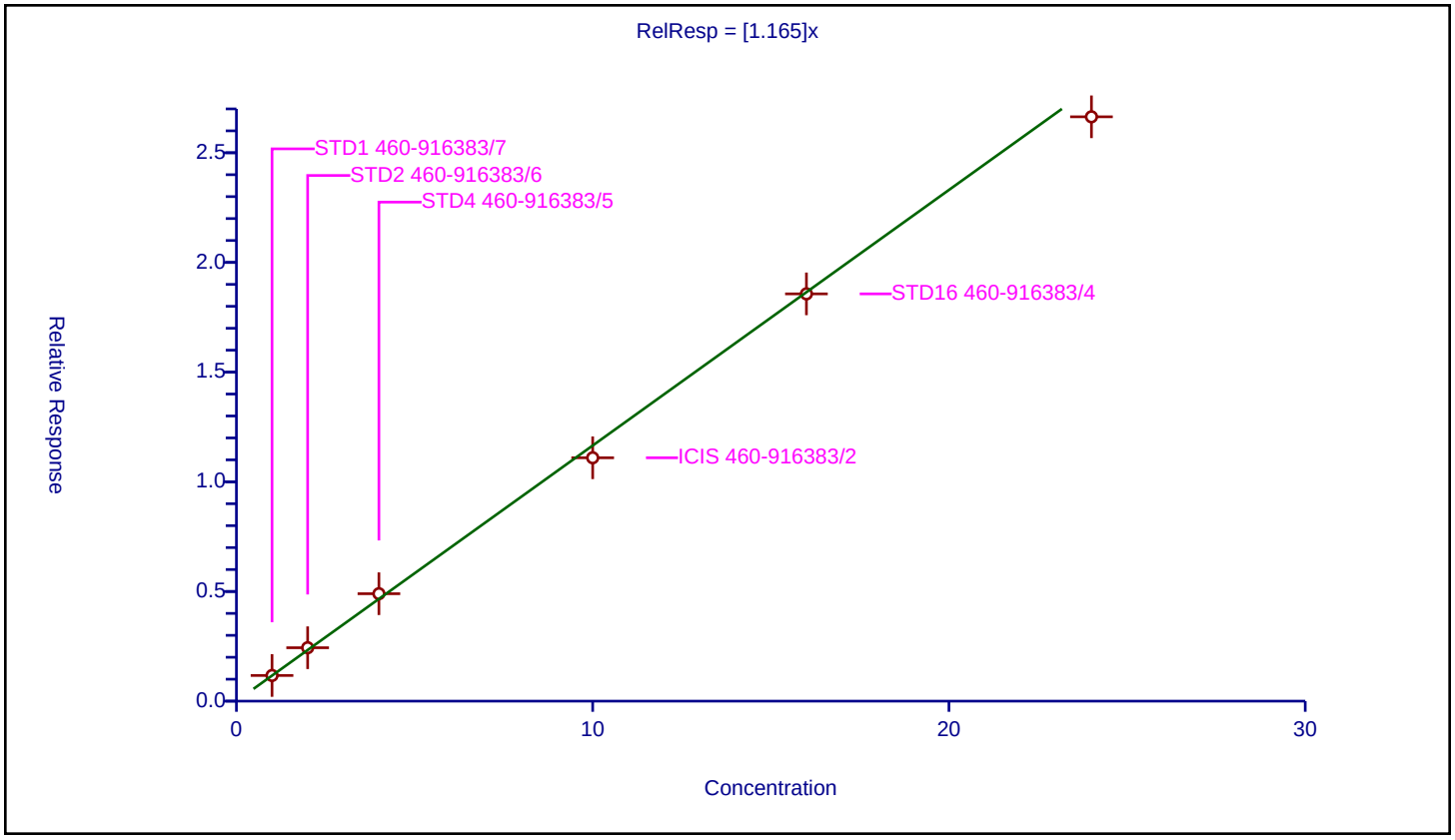
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Standard Error:	422000
Relative Standard Error:	4.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.169741	8.0	230793.0	1.169741	Y
2	STD2 460-916383/6	2.0	2.434937	8.0	230406.0	1.217468	Y
3	STD4 460-916383/5	4.0	4.897534	8.0	225137.0	1.224383	Y
4	ICIS 460-916383/2	10.0	11.094649	8.0	240764.0	1.109465	Y
5	STD16 460-916383/4	16.0	18.567389	8.0	217329.0	1.160462	Y
6	STD24 460-916383/3	24.0	26.639866	8.0	212035.0	1.109994	Y



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Calibration / 3,5-di-tert-butyl-4-hydroxytol

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

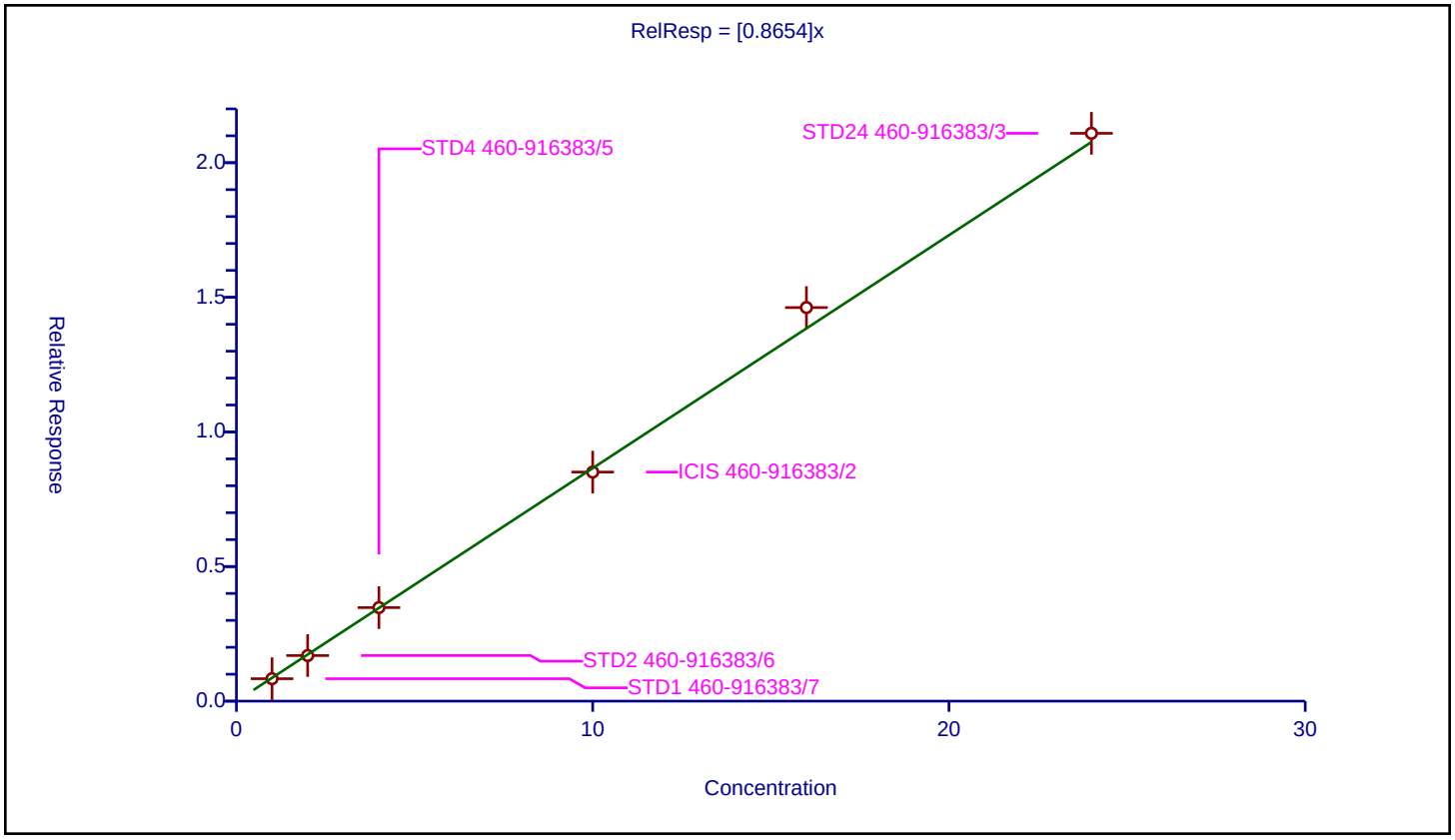
Curve Coefficients

Intercept:	0
Slope:	0.8654

Error Coefficients

Standard Error:	331000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.833093	8.0	230793.0	0.833093	Y
2	STD2 460-916383/6	2.0	1.693636	8.0	230406.0	0.846818	Y
3	STD4 460-916383/5	4.0	3.475075	8.0	225137.0	0.868769	Y
4	ICIS 460-916383/2	10.0	8.509079	8.0	240764.0	0.850908	Y
5	STD16 460-916383/4	16.0	14.619899	8.0	217329.0	0.913744	Y
6	STD24 460-916383/3	24.0	21.092555	8.0	212035.0	0.878856	Y



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Calibration / 2,4-Dinitrophenol

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

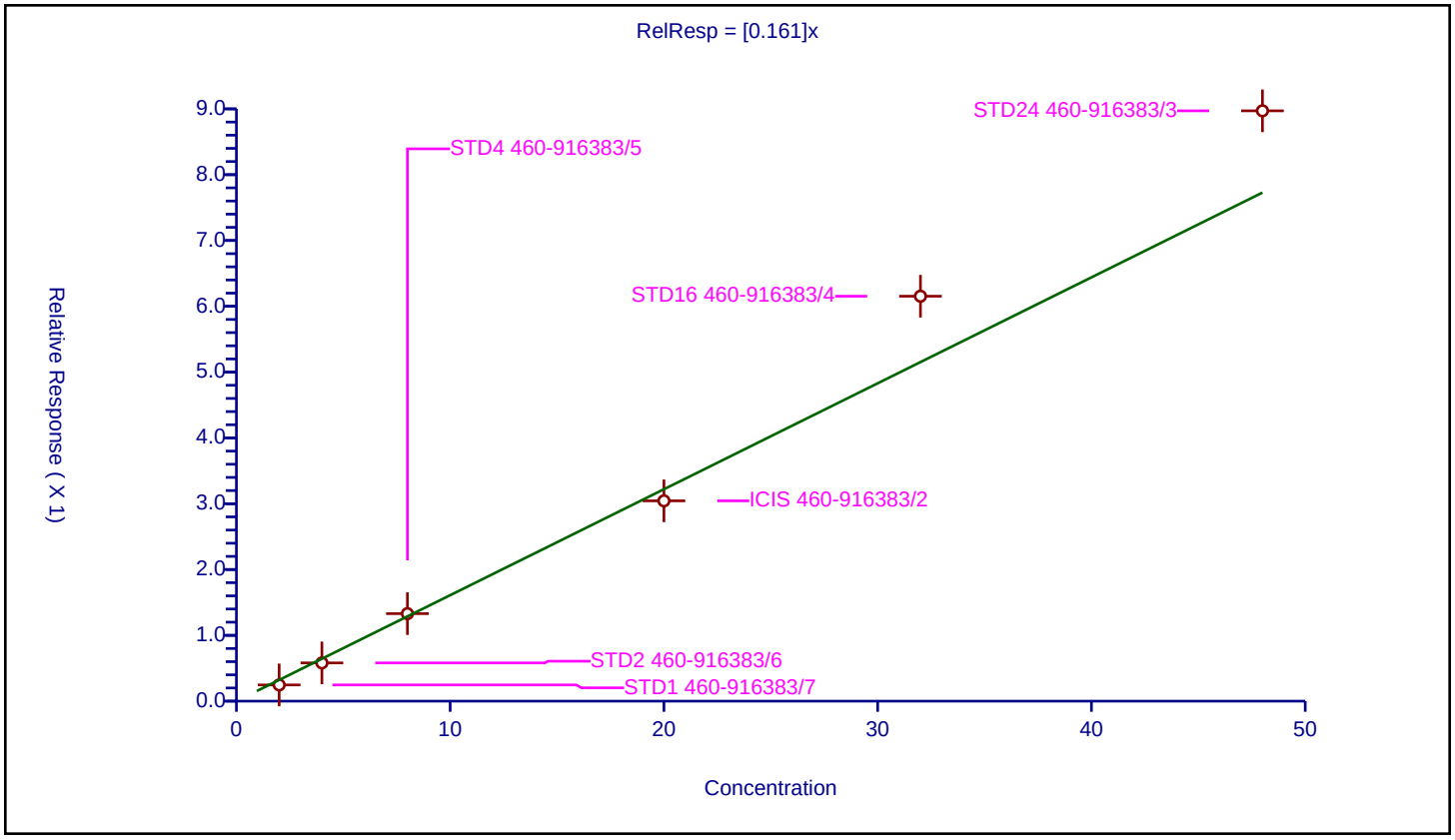
Curve Coefficients

Intercept:	0
Slope:	0.161

Error Coefficients

Standard Error:	138000
Relative Standard Error:	16.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	2.0	0.246385	8.0	230793.0	0.123193	Y
2	STD2 460-916383/6	4.0	0.580818	8.0	230406.0	0.145205	Y
3	STD4 460-916383/5	8.0	1.329608	8.0	225137.0	0.166201	Y
4	ICIS 460-916383/2	20.0	3.043877	8.0	240764.0	0.152194	Y
5	STD16 460-916383/4	32.0	6.153325	8.0	217329.0	0.192291	Y
6	STD24 460-916383/3	48.0	8.970255	8.0	212035.0	0.18688	Y



Calibration / 4-Nitrophenol

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

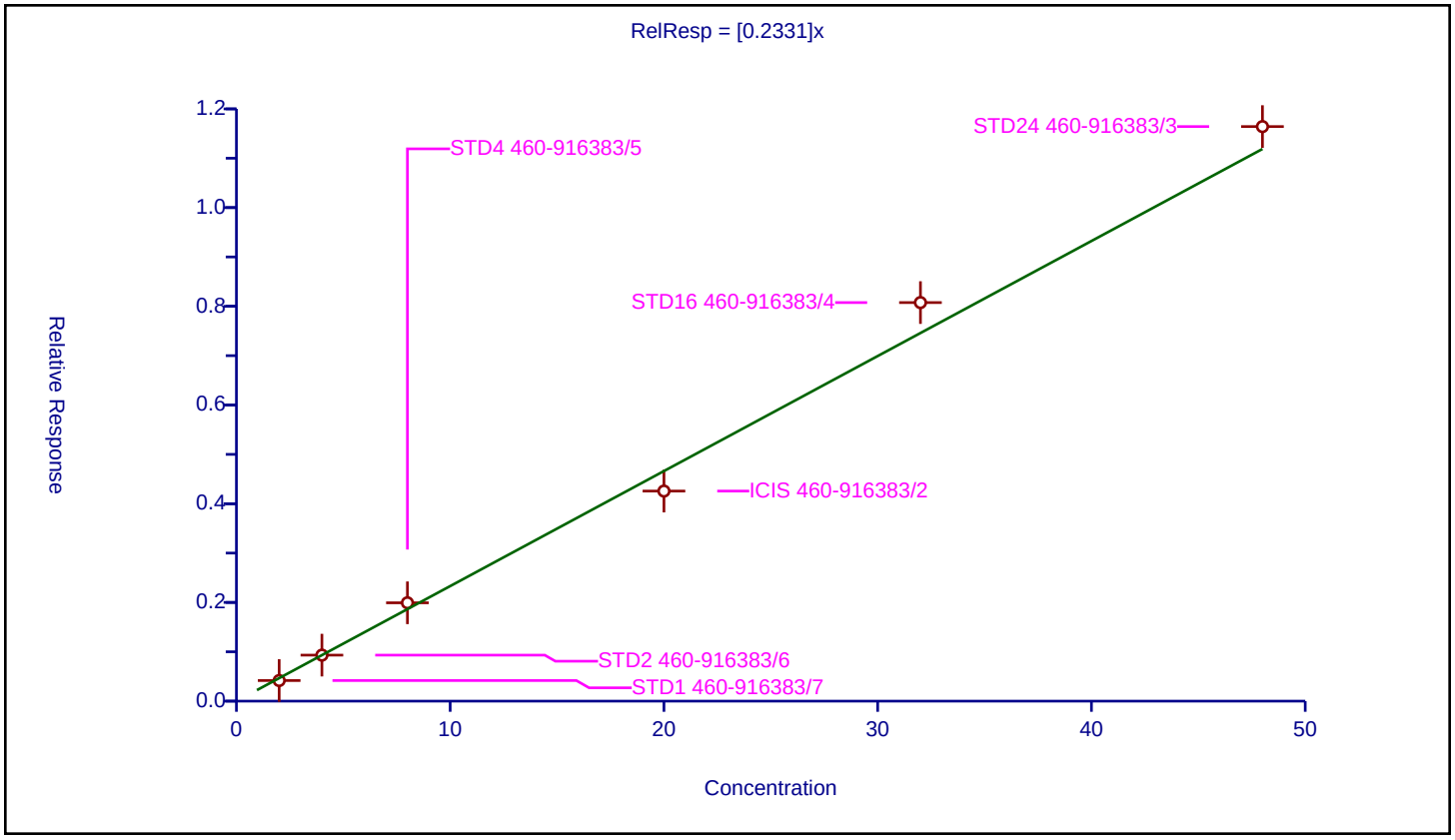
Curve Coefficients

Intercept:	0
Slope:	0.2331

Error Coefficients

Standard Error:	181000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	2.0	0.417309	8.0	230793.0	0.208655	Y
2	STD2 460-916383/6	4.0	0.932129	8.0	230406.0	0.233032	Y
3	STD4 460-916383/5	8.0	1.992422	8.0	225137.0	0.249053	Y
4	ICIS 460-916383/2	20.0	4.256284	8.0	240764.0	0.212814	Y
5	STD16 460-916383/4	32.0	8.075903	8.0	217329.0	0.252372	Y
6	STD24 460-916383/3	48.0	11.641399	8.0	212035.0	0.242529	Y



Calibration / 2,4-Dinitrotoluene

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

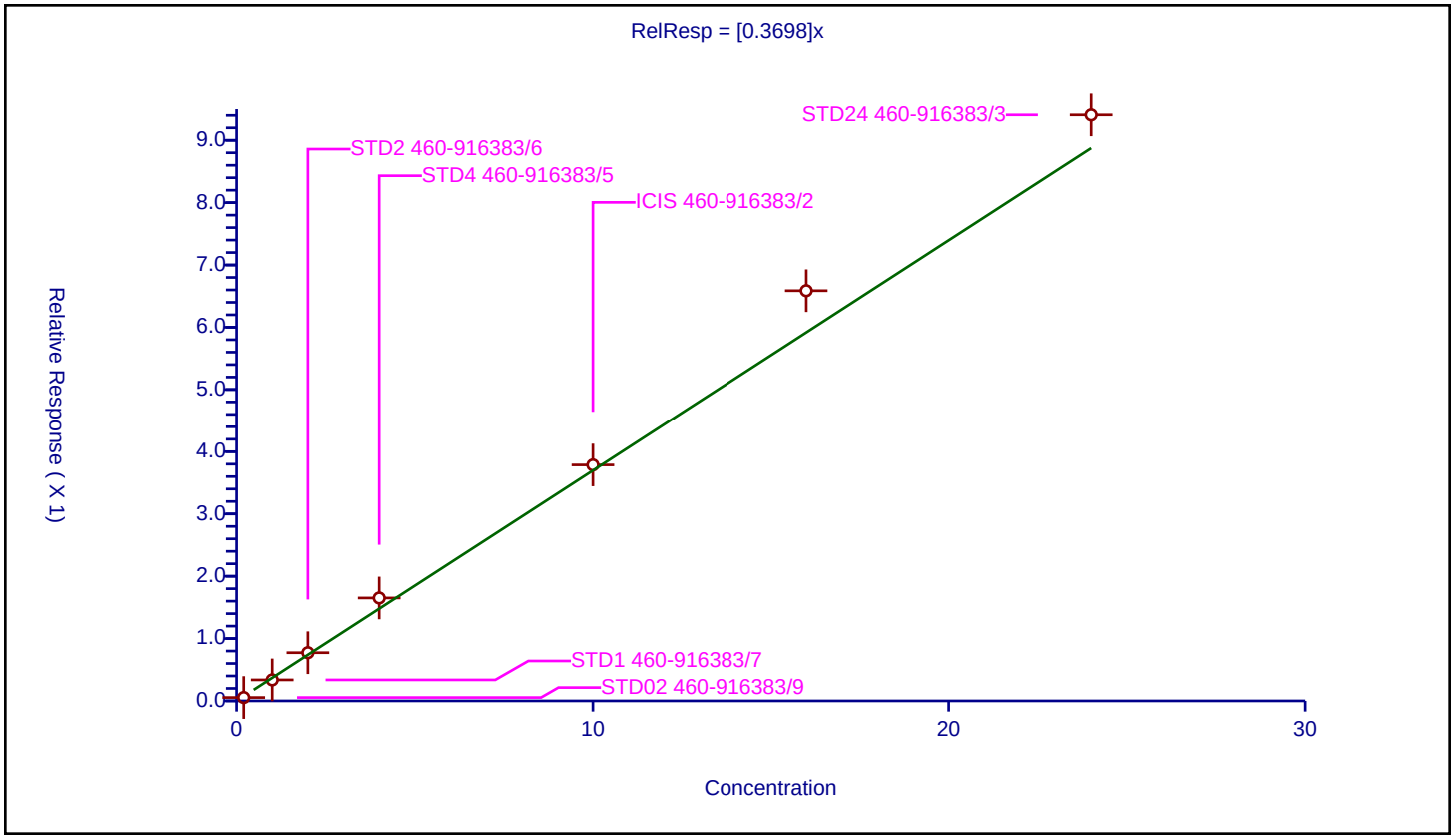
Curve Coefficients

Intercept:	0
Slope:	0.3698

Error Coefficients

Standard Error:	135000
Relative Standard Error:	13.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.054001	8.0	237327.0	0.270007	Y
2	STD1 460-916383/7	1.0	0.336787	8.0	230793.0	0.336787	Y
3	STD2 460-916383/6	2.0	0.772931	8.0	230406.0	0.386466	Y
4	STD4 460-916383/5	4.0	1.651297	8.0	225137.0	0.412824	Y
5	ICIS 460-916383/2	10.0	3.786978	8.0	240764.0	0.378698	Y
6	STD16 460-916383/4	16.0	6.587137	8.0	217329.0	0.411696	Y
7	STD24 460-916383/3	24.0	9.408334	8.0	212035.0	0.392014	Y



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

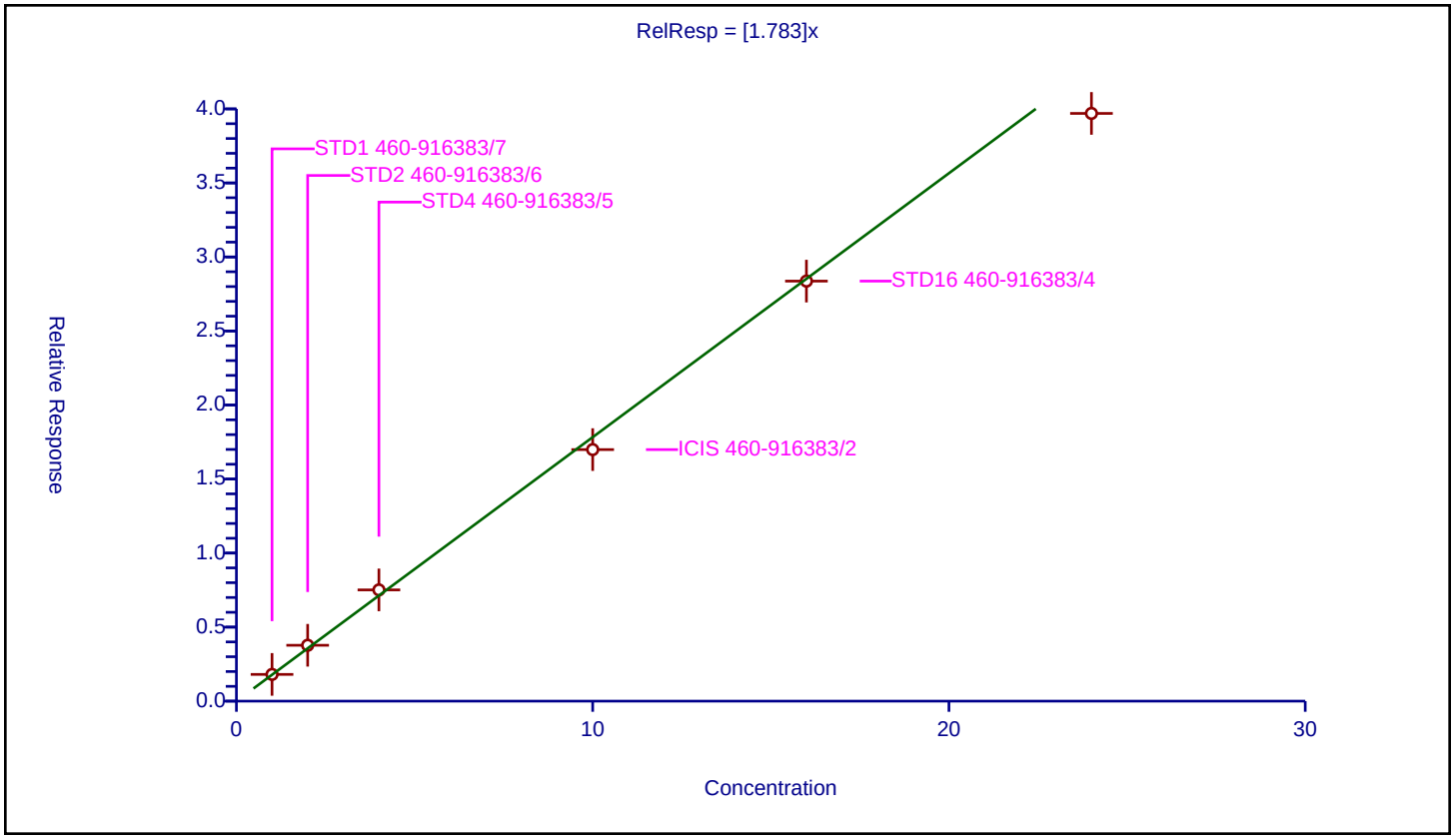
Curve Coefficients

Intercept:	0
Slope:	1.783

Error Coefficients

Standard Error:	636000
Relative Standard Error:	5.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.805843	8.0	230793.0	1.805843	Y
2	STD2 460-916383/6	2.0	3.772818	8.0	230406.0	1.886409	Y
3	STD4 460-916383/5	4.0	7.513043	8.0	225137.0	1.878261	Y
4	ICIS 460-916383/2	10.0	16.989616	8.0	240764.0	1.698962	Y
5	STD16 460-916383/4	16.0	28.368529	8.0	217329.0	1.773033	Y
6	STD24 460-916383/3	24.0	39.694013	8.0	212035.0	1.653917	Y



Calibration / 2,3,4,6-Tetrachlorophenol

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

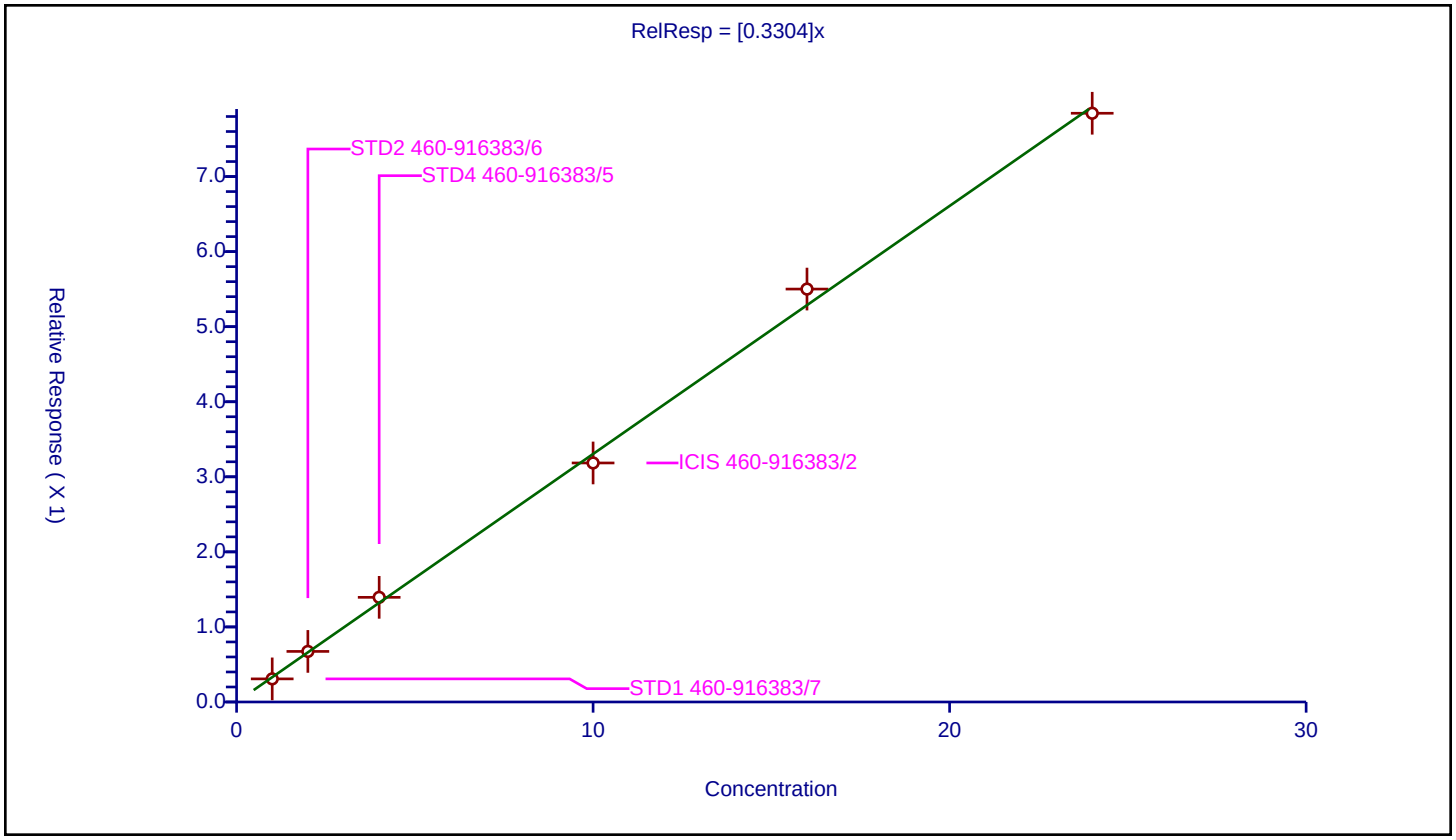
Curve Coefficients

Intercept:	0
Slope:	0.3304

Error Coefficients

Standard Error:	124000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.308016	8.0	230793.0	0.308016	Y
2	STD2 460-916383/6	2.0	0.673802	8.0	230406.0	0.336901	Y
3	STD4 460-916383/5	4.0	1.394351	8.0	225137.0	0.348588	Y
4	ICIS 460-916383/2	10.0	3.184629	8.0	240764.0	0.318463	Y
5	STD16 460-916383/4	16.0	5.501079	8.0	217329.0	0.343817	Y
6	STD24 460-916383/3	24.0	7.843535	8.0	212035.0	0.326814	Y



Calibration / Diethyl phthalate

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

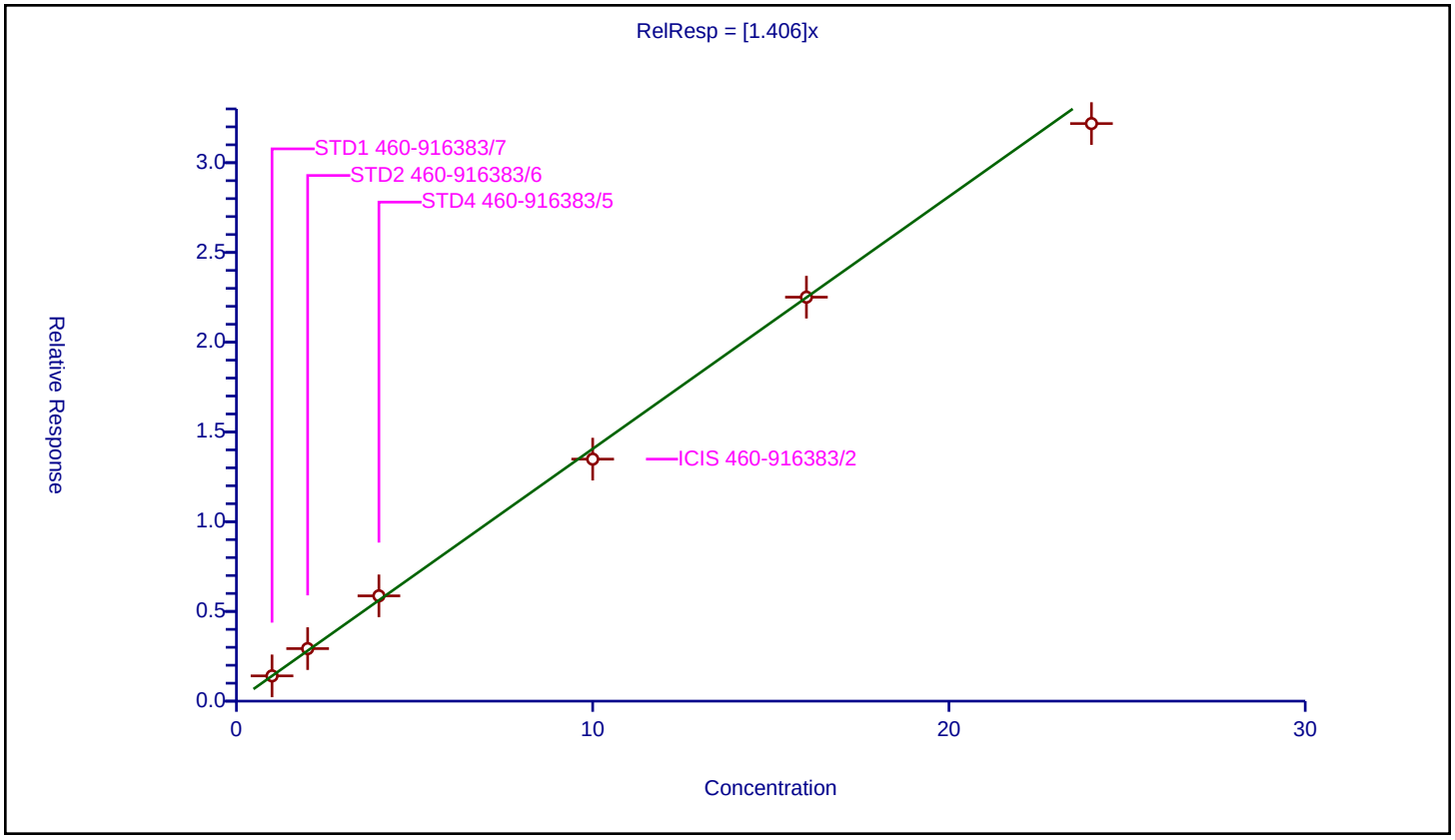
Curve Coefficients

Intercept:	0
Slope:	1.406

Error Coefficients

Standard Error:	510000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.407842	8.0	230793.0	1.407842	Y
2	STD2 460-916383/6	2.0	2.927493	8.0	230406.0	1.463747	Y
3	STD4 460-916383/5	4.0	5.867538	8.0	225137.0	1.466885	Y
4	ICIS 460-916383/2	10.0	13.484973	8.0	240764.0	1.348497	Y
5	STD16 460-916383/4	16.0	22.509357	8.0	217329.0	1.406835	Y
6	STD24 460-916383/3	24.0	32.182989	8.0	212035.0	1.340958	Y



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Calibration / n-Octadecane

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

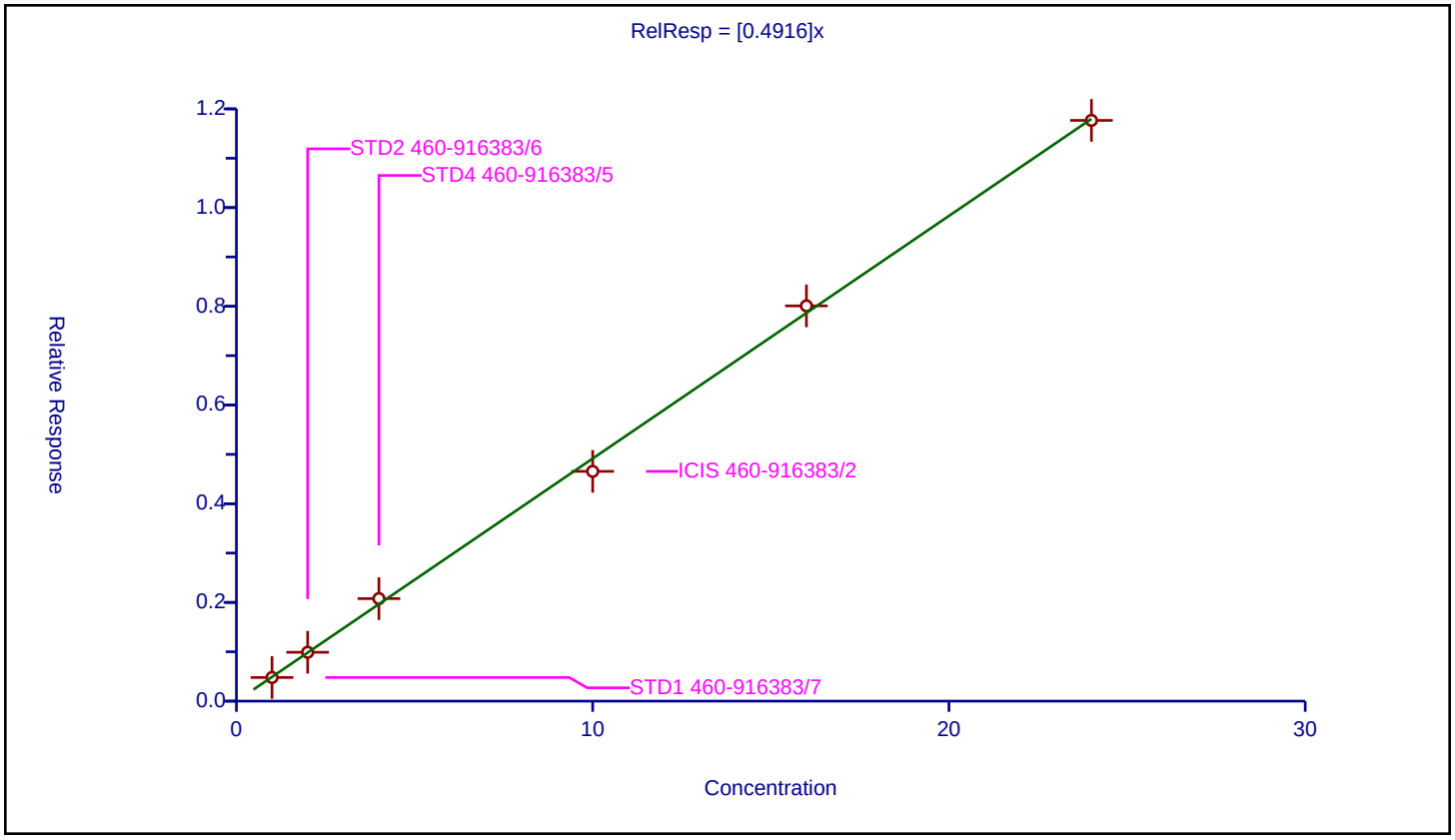
Curve Coefficients

Intercept:	0
Slope:	0.4916

Error Coefficients

Standard Error:	310000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.478744	8.0	397991.0	0.478744	Y
2	STD2 460-916383/6	2.0	0.98976	8.0	399903.0	0.49488	Y
3	STD4 460-916383/5	4.0	2.077426	8.0	384418.0	0.519357	Y
4	ICIS 460-916383/2	10.0	4.655882	8.0	408311.0	0.465588	Y
5	STD16 460-916383/4	16.0	8.008655	8.0	370663.0	0.500541	Y
6	STD24 460-916383/3	24.0	11.766716	8.0	355412.0	0.49028	Y



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Calibration / Fluorene

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

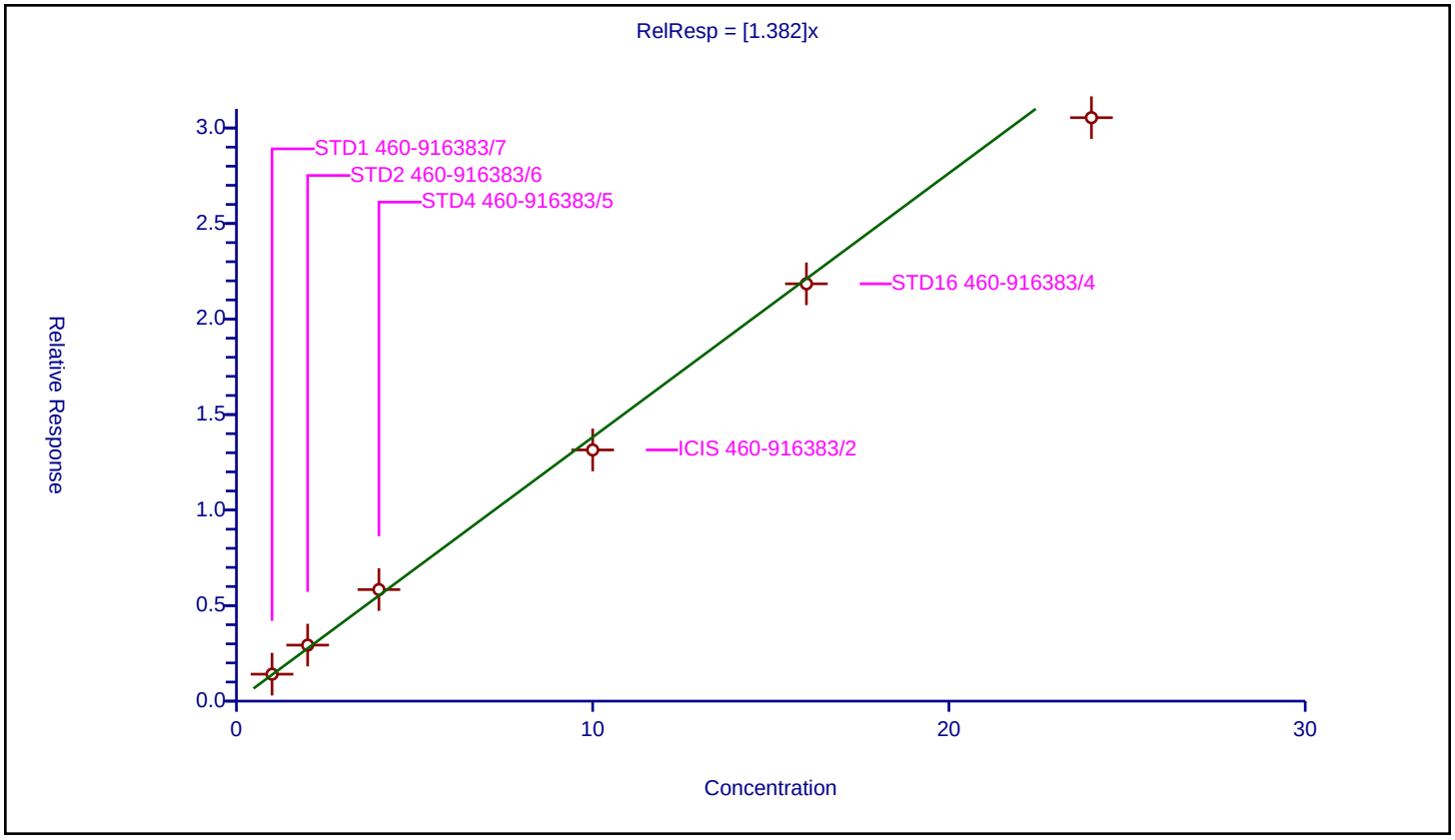
Curve Coefficients

Intercept:	0
Slope:	1.382

Error Coefficients

Standard Error:	490000
Relative Standard Error:	5.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.411135	8.0	230793.0	1.411135	Y
2	STD2 460-916383/6	2.0	2.933083	8.0	230406.0	1.466542	Y
3	STD4 460-916383/5	4.0	5.839182	8.0	225137.0	1.459796	Y
4	ICIS 460-916383/2	10.0	13.149175	8.0	240764.0	1.314918	Y
5	STD16 460-916383/4	16.0	21.845184	8.0	217329.0	1.365324	Y
6	STD24 460-916383/3	24.0	30.542014	8.0	212035.0	1.272584	Y



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Calibration / 4-Chlorophenyl phenyl ether

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

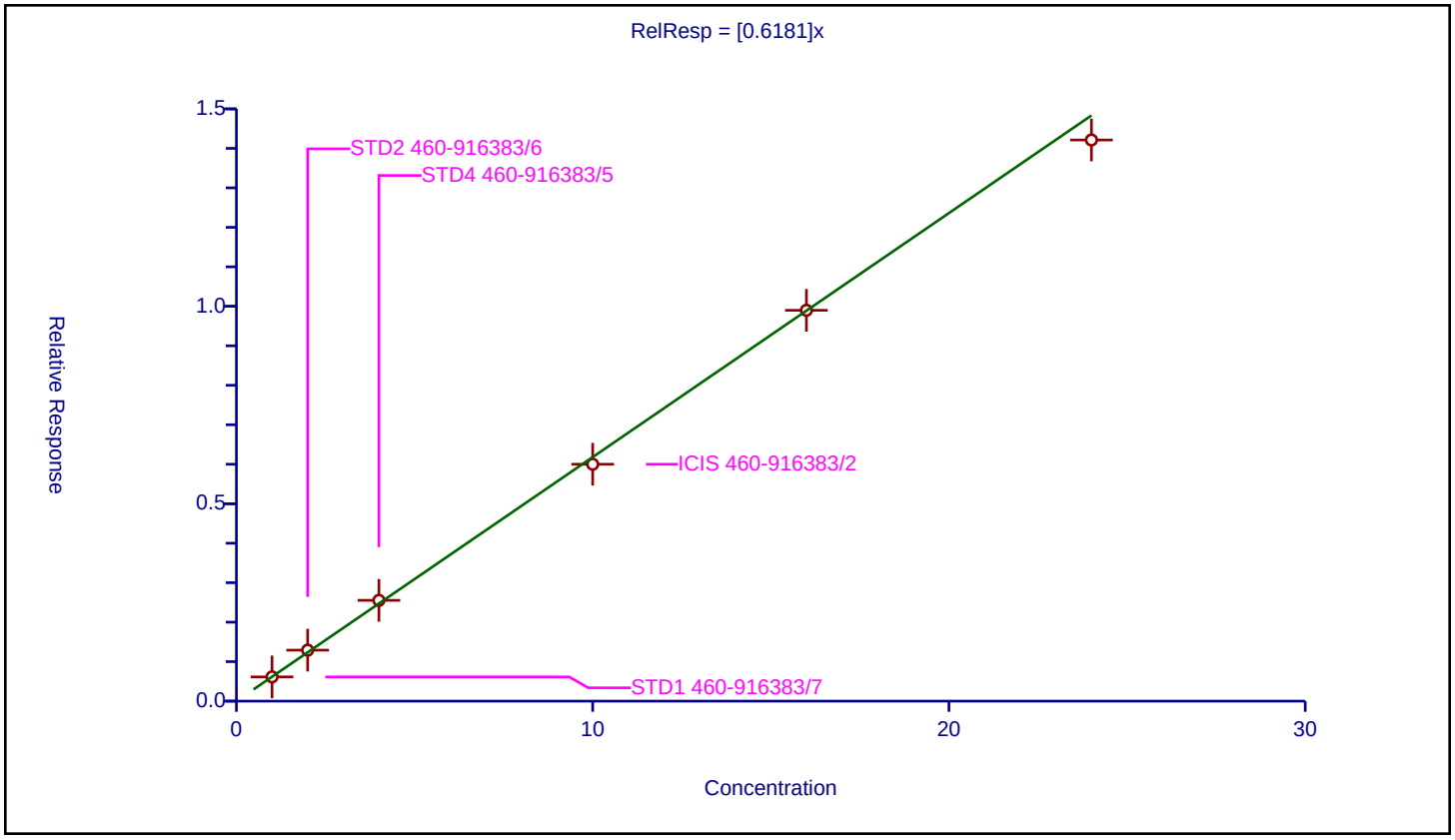
Curve Coefficients

Intercept:	0
Slope:	0.6181

Error Coefficients

Standard Error:	225000
Relative Standard Error:	3.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.613606	8.0	230793.0	0.613606	Y
2	STD2 460-916383/6	2.0	1.291147	8.0	230406.0	0.645573	Y
3	STD4 460-916383/5	4.0	2.553006	8.0	225137.0	0.638251	Y
4	ICIS 460-916383/2	10.0	6.000166	8.0	240764.0	0.600017	Y
5	STD16 460-916383/4	16.0	9.899204	8.0	217329.0	0.6187	Y
6	STD24 460-916383/3	24.0	14.212408	8.0	212035.0	0.592184	Y



Calibration / 4-Nitroaniline

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

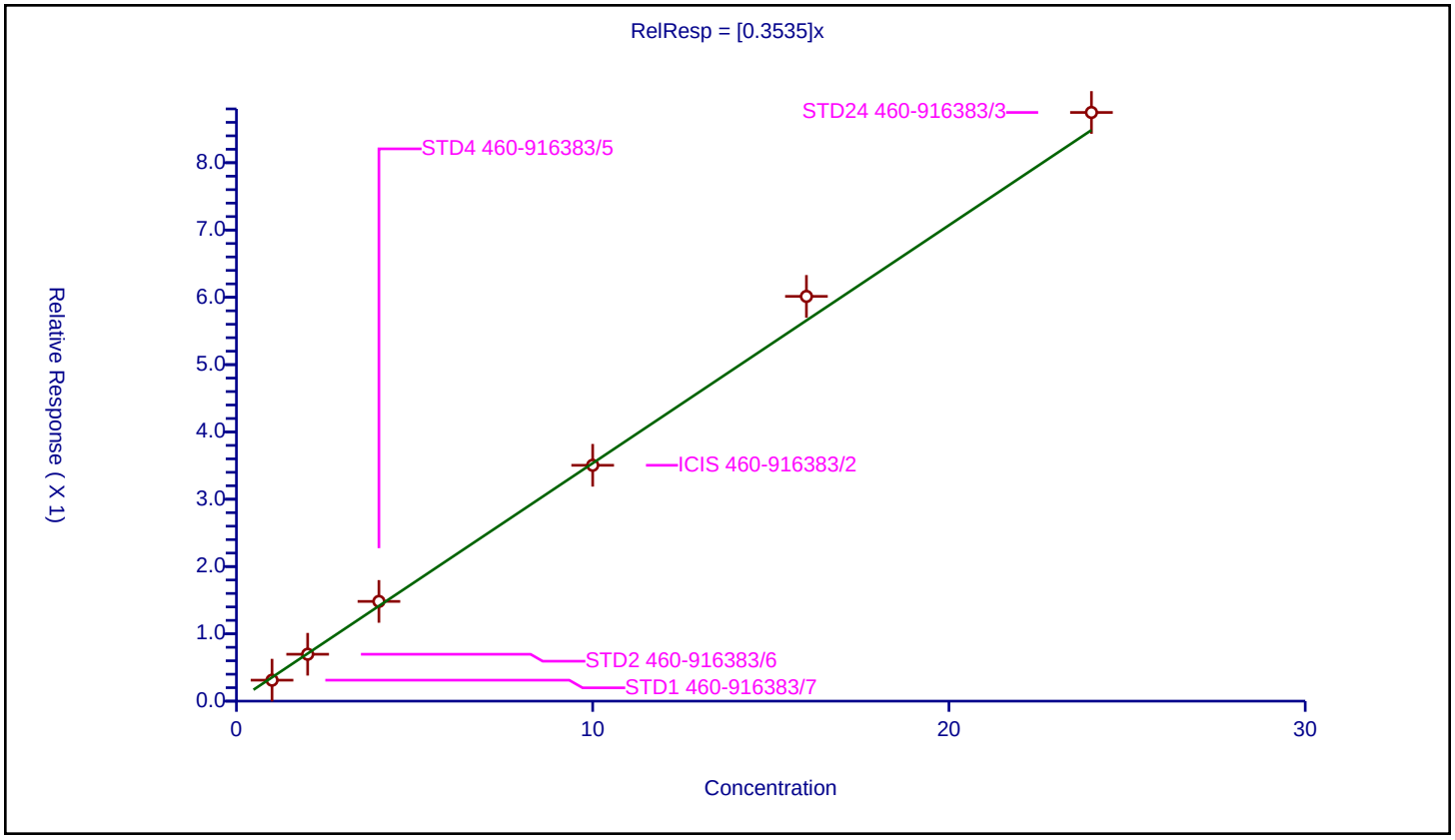
Curve Coefficients

Intercept:	0
Slope:	0.3535

Error Coefficients

Standard Error:	137000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.311448	8.0	230793.0	0.311448	Y
2	STD2 460-916383/6	2.0	0.696857	8.0	230406.0	0.348428	Y
3	STD4 460-916383/5	4.0	1.481978	8.0	225137.0	0.370494	Y
4	ICIS 460-916383/2	10.0	3.504644	8.0	240764.0	0.350464	Y
5	STD16 460-916383/4	16.0	6.014144	8.0	217329.0	0.375884	Y
6	STD24 460-916383/3	24.0	8.746782	8.0	212035.0	0.364449	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

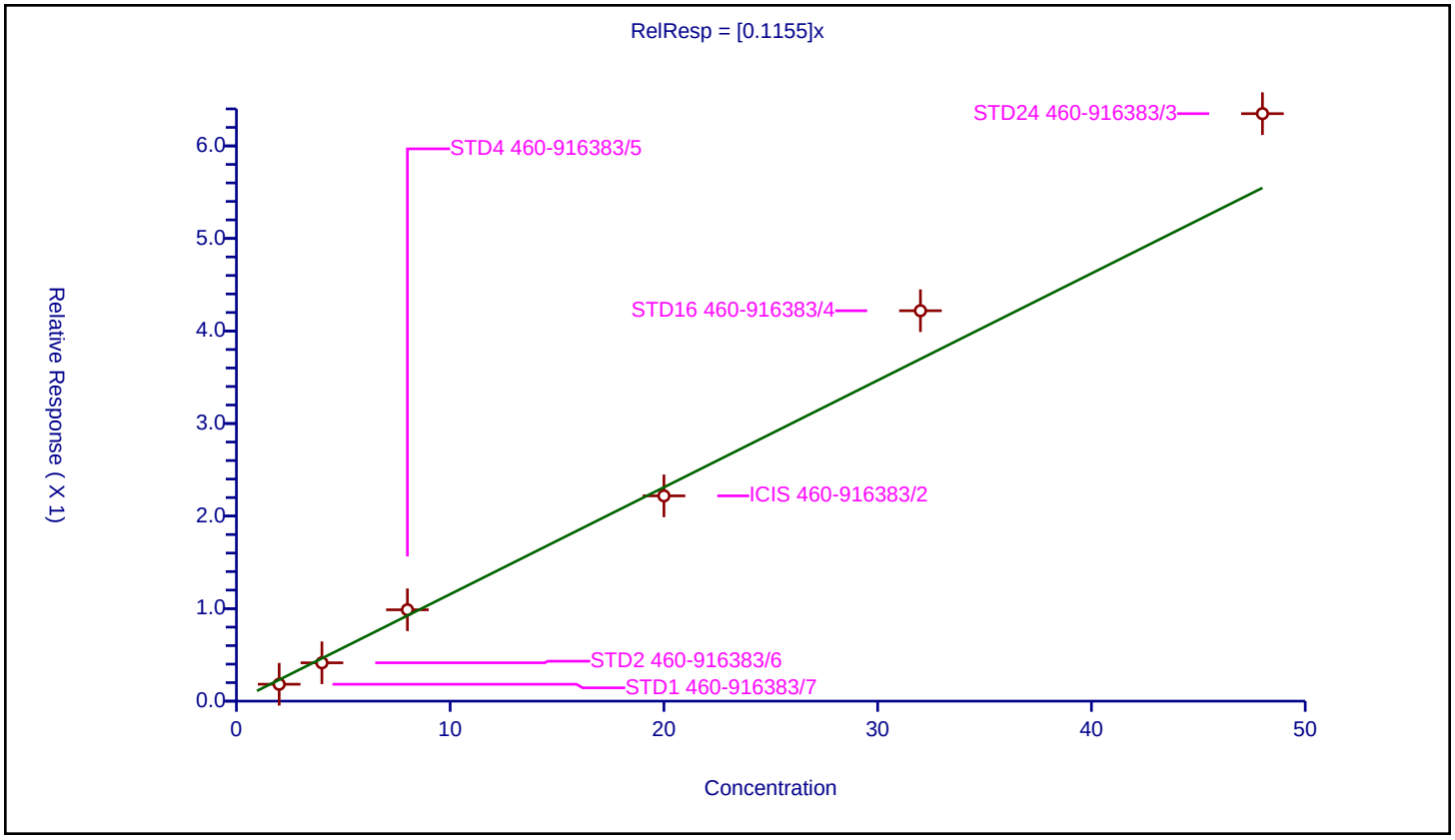
Curve Coefficients

Intercept:	0
Slope:	0.1155

Error Coefficients

Standard Error:	163000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	2.0	0.182517	8.0	397991.0	0.091258	Y
2	STD2 460-916383/6	4.0	0.41428	8.0	399903.0	0.10357	Y
3	STD4 460-916383/5	8.0	0.987467	8.0	384418.0	0.123433	Y
4	ICIS 460-916383/2	20.0	2.218427	8.0	408311.0	0.110921	Y
5	STD16 460-916383/4	32.0	4.218819	8.0	370663.0	0.131838	Y
6	STD24 460-916383/3	48.0	6.348508	8.0	355412.0	0.132261	Y



Calibration / N-Nitrosodiphenylamine

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

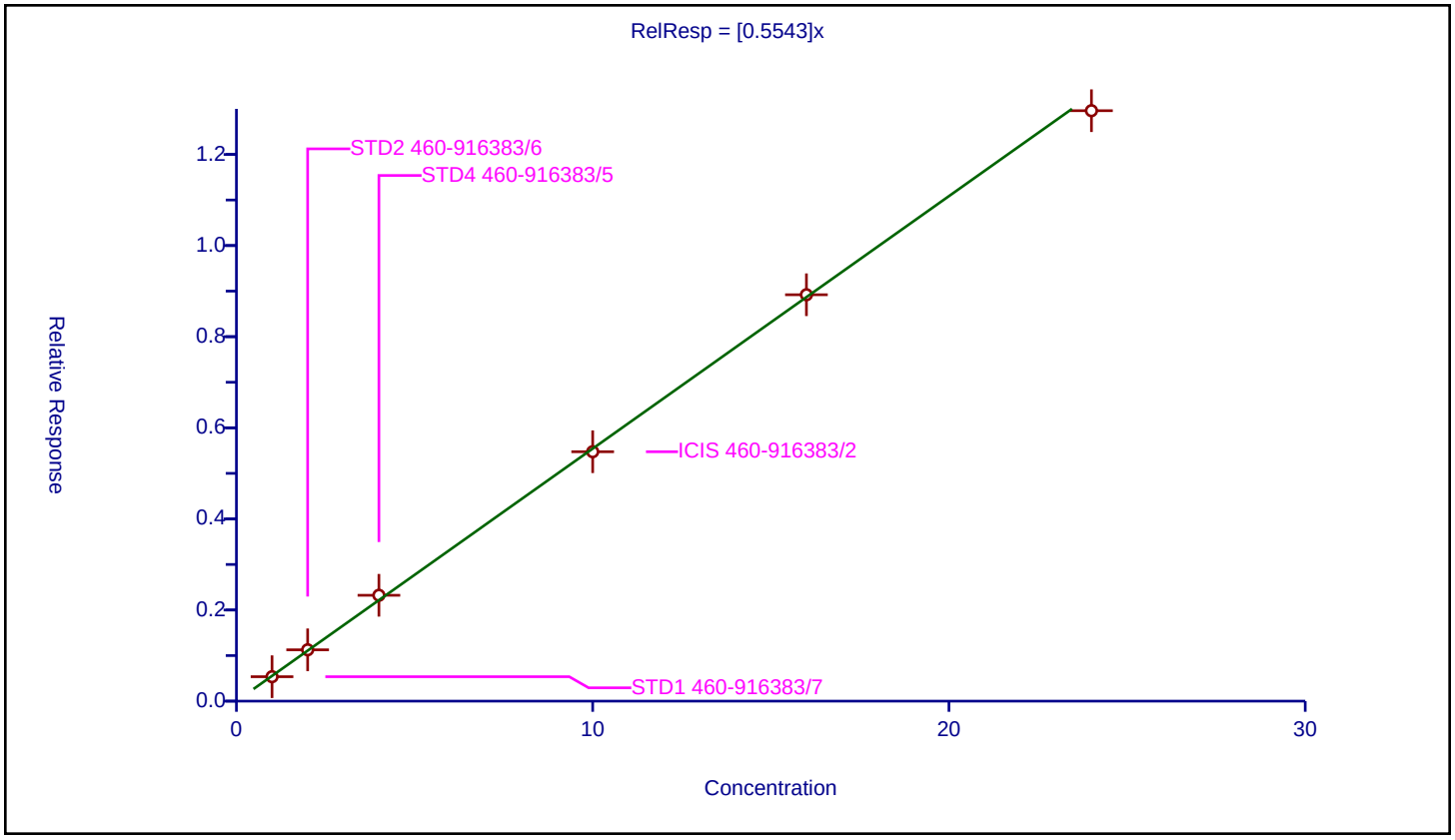
Curve Coefficients

Intercept:	0
Slope:	0.5543

Error Coefficients

Standard Error:	345000
Relative Standard Error:	3.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.536294	8.0	397991.0	0.536294	Y
2	STD2 460-916383/6	2.0	1.126853	8.0	399903.0	0.563427	Y
3	STD4 460-916383/5	4.0	2.323512	8.0	384418.0	0.580878	Y
4	ICIS 460-916383/2	10.0	5.474455	8.0	408311.0	0.547445	Y
5	STD16 460-916383/4	16.0	8.92034	8.0	370663.0	0.557521	Y
6	STD24 460-916383/3	24.0	12.960035	8.0	355412.0	0.540001	Y



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Calibration / 1,2-Diphenylhydrazine

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

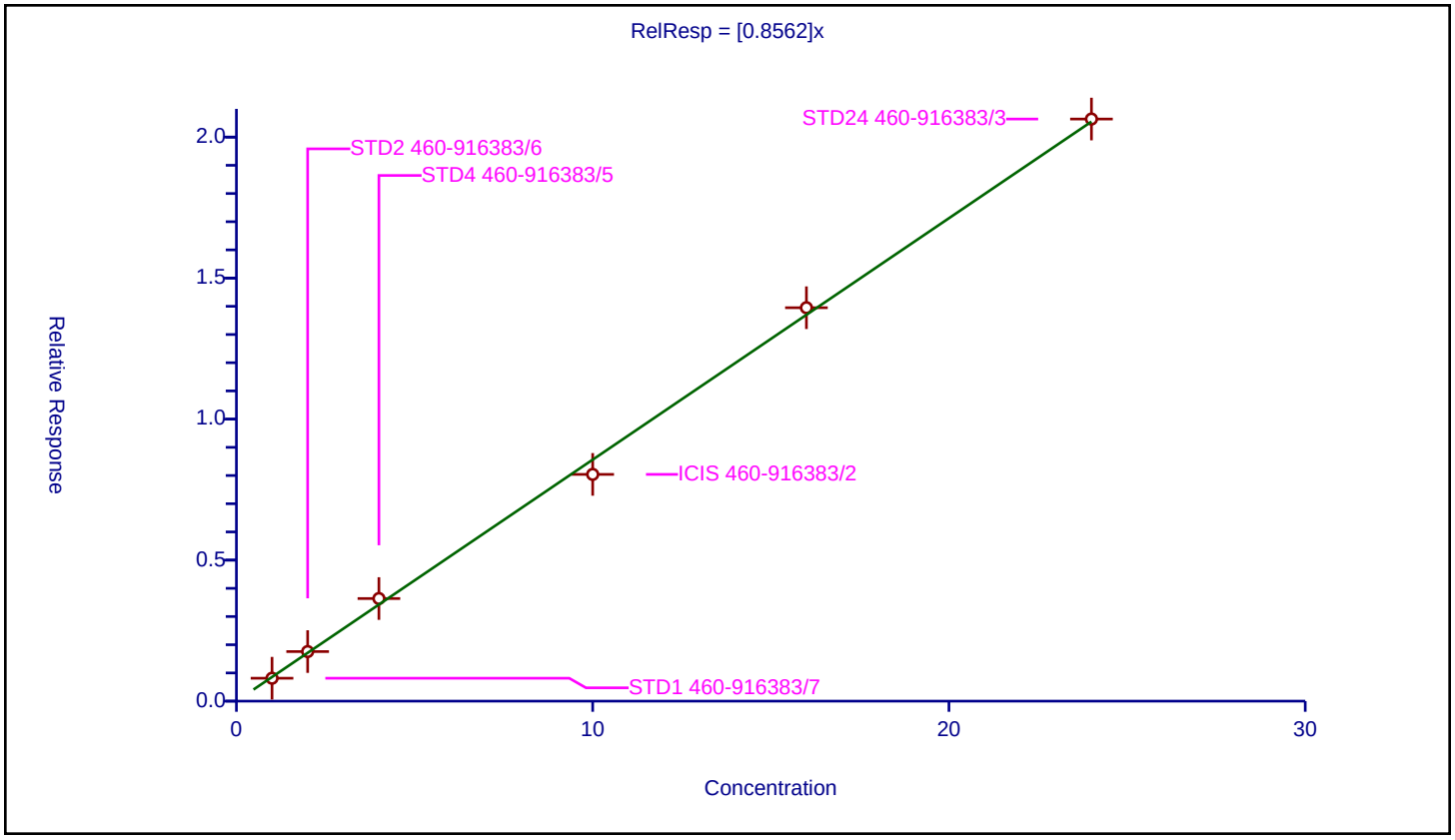
Curve Coefficients

Intercept:	0
Slope:	0.8562

Error Coefficients

Standard Error:	542000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.812541	8.0	397991.0	0.812541	Y
2	STD2 460-916383/6	2.0	1.758226	8.0	399903.0	0.879113	Y
3	STD4 460-916383/5	4.0	3.637998	8.0	384418.0	0.9095	Y
4	ICIS 460-916383/2	10.0	8.039989	8.0	408311.0	0.803999	Y
5	STD16 460-916383/4	16.0	13.949663	8.0	370663.0	0.871854	Y
6	STD24 460-916383/3	24.0	20.640406	8.0	355412.0	0.860017	Y



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Calibration / Azobenzene

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

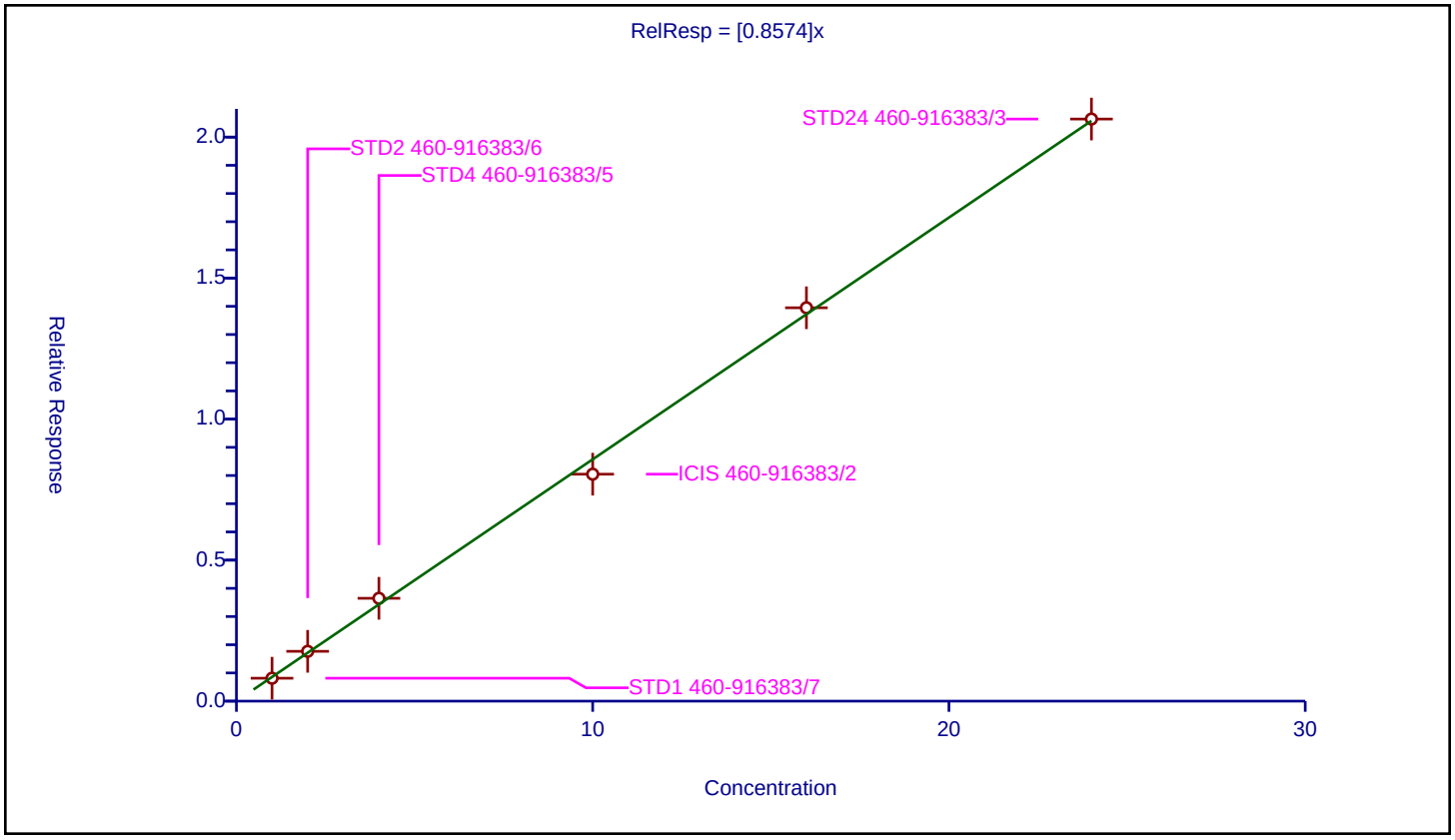
Curve Coefficients

Intercept:	0
Slope:	0.8574

Error Coefficients

Standard Error:	542000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.812541	8.0	397991.0	0.812541	Y
2	STD2 460-916383/6	2.0	1.766888	8.0	399903.0	0.883444	Y
3	STD4 460-916383/5	4.0	3.646364	8.0	384418.0	0.911591	Y
4	ICIS 460-916383/2	10.0	8.047317	8.0	408311.0	0.804732	Y
5	STD16 460-916383/4	16.0	13.94867	8.0	370663.0	0.871792	Y
6	STD24 460-916383/3	24.0	20.640406	8.0	355412.0	0.860017	Y



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Calibration / 2,4,6-Tribromophenol

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

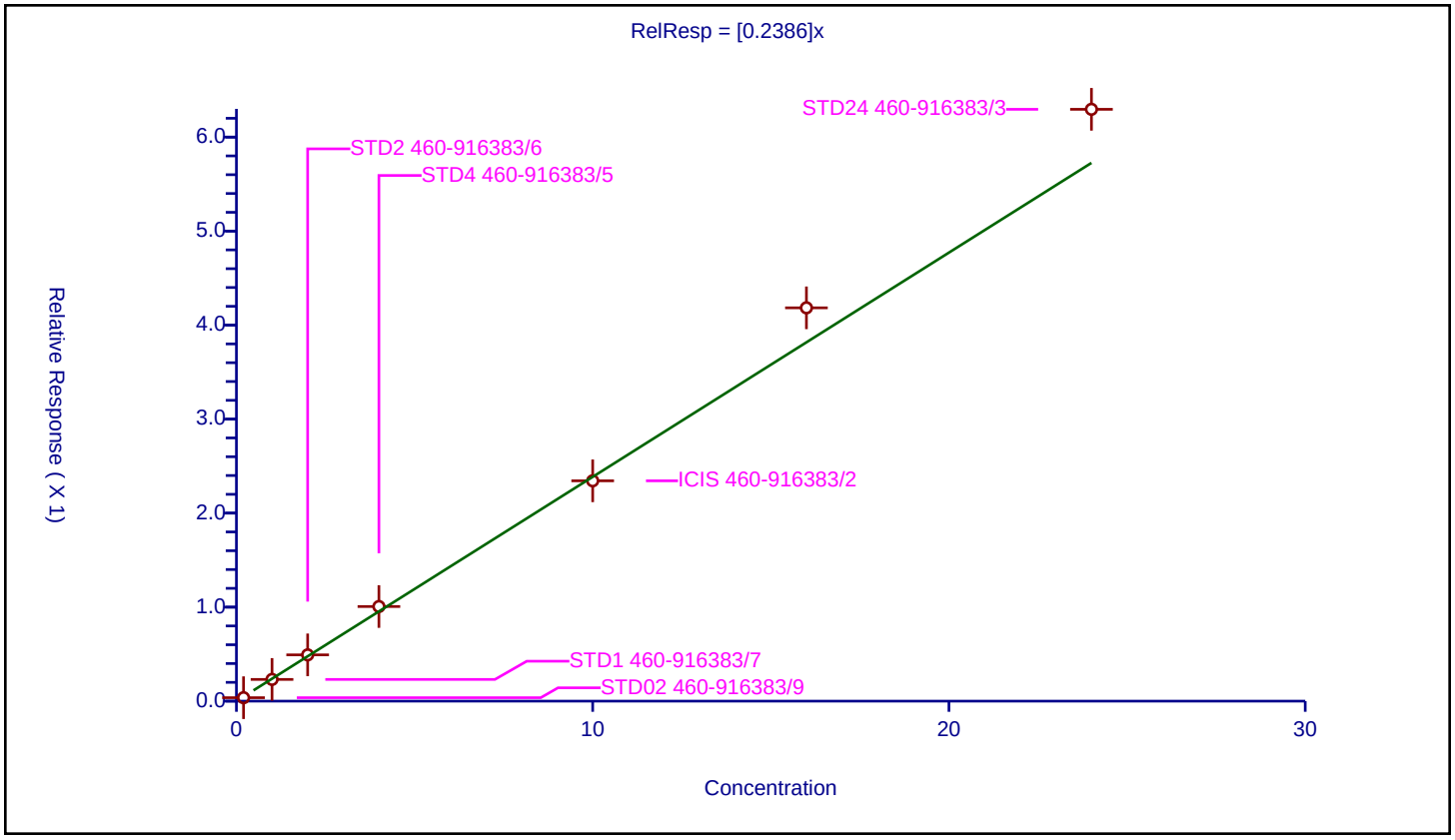
Curve Coefficients

Intercept:	0
Slope:	0.2386

Error Coefficients

Standard Error:	88300
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.036574	8.0	237327.0	0.18287	Y
2	STD1 460-916383/7	1.0	0.231134	8.0	230793.0	0.231134	Y
3	STD2 460-916383/6	2.0	0.492244	8.0	230406.0	0.246122	Y
4	STD4 460-916383/5	4.0	1.006427	8.0	225137.0	0.251607	Y
5	ICIS 460-916383/2	10.0	2.343772	8.0	240764.0	0.234377	Y
6	STD16 460-916383/4	16.0	4.18385	8.0	217329.0	0.261491	Y
7	STD24 460-916383/3	24.0	6.295489	8.0	212035.0	0.262312	Y



Calibration / 4-Bromophenyl phenyl ether

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

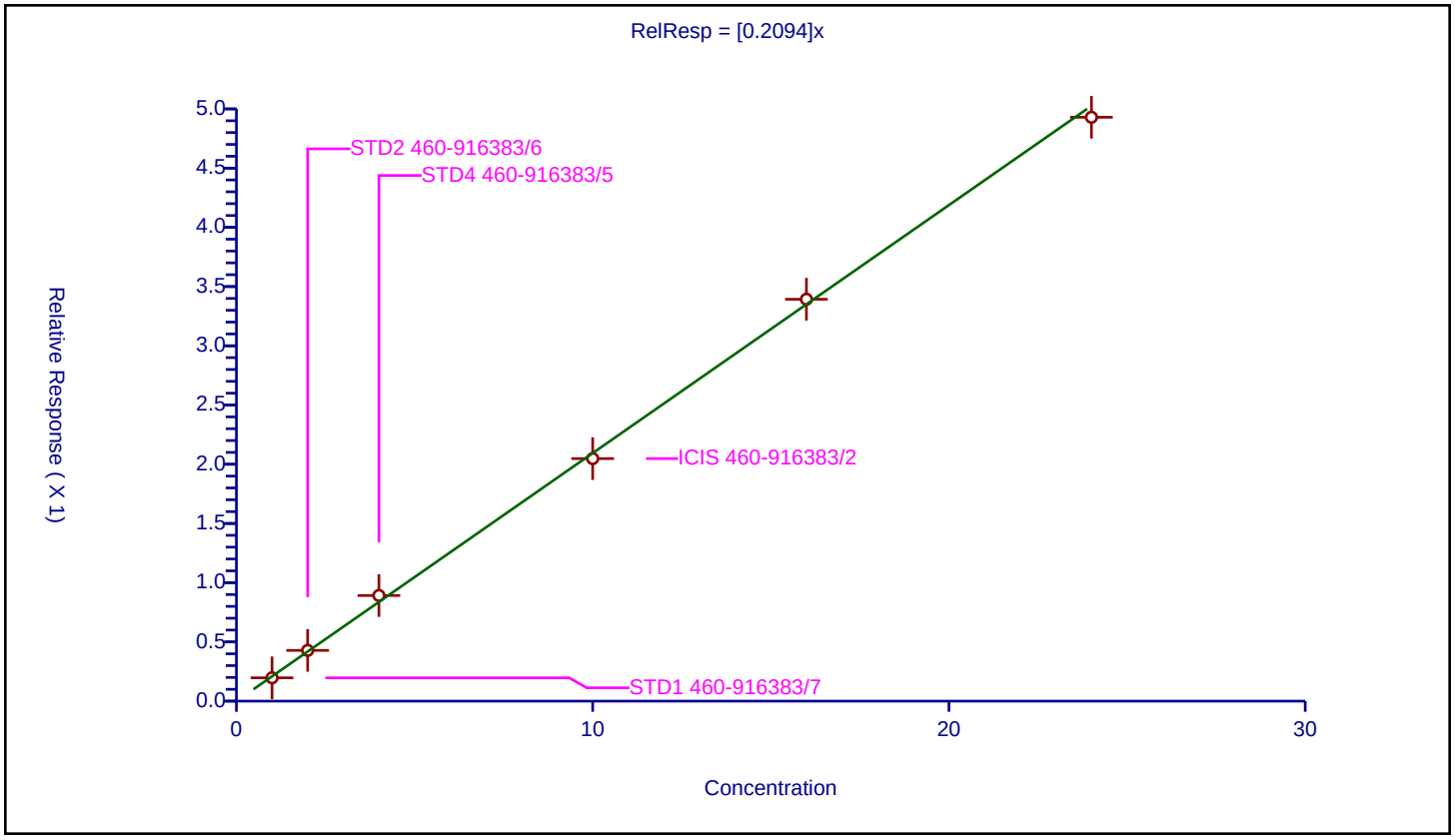
Curve Coefficients

Intercept:	0
Slope:	0.2094

Error Coefficients

Standard Error:	131000
Relative Standard Error:	4.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.196909	8.0	397991.0	0.196909	Y
2	STD2 460-916383/6	2.0	0.428444	8.0	399903.0	0.214222	Y
3	STD4 460-916383/5	4.0	0.891987	8.0	384418.0	0.222997	Y
4	ICIS 460-916383/2	10.0	2.047557	8.0	408311.0	0.204756	Y
5	STD16 460-916383/4	16.0	3.392882	8.0	370663.0	0.212055	Y
6	STD24 460-916383/3	24.0	4.929355	8.0	355412.0	0.20539	Y



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Calibration / Hexachlorobenzene

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

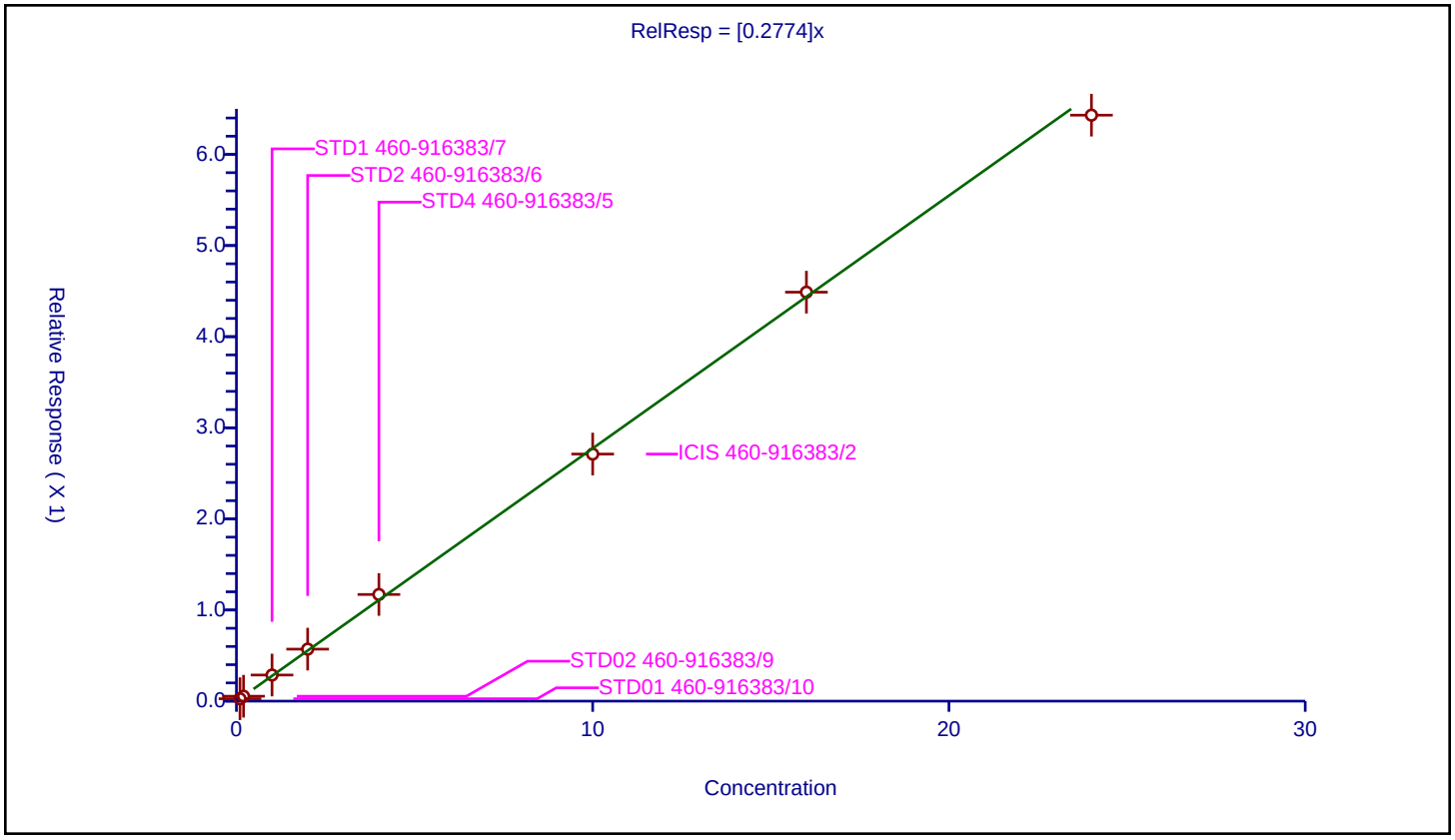
Curve Coefficients

Intercept:	0
Slope:	0.2774

Error Coefficients

Standard Error:	146000
Relative Standard Error:	3.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.026579	8.0	387074.0	0.265789	Y
2	STD02 460-916383/9	0.2	0.053823	8.0	416030.0	0.269115	Y
3	STD1 460-916383/7	1.0	0.28662	8.0	397991.0	0.28662	Y
4	STD2 460-916383/6	2.0	0.570818	8.0	399903.0	0.285409	Y
5	STD4 460-916383/5	4.0	1.170518	8.0	384418.0	0.292629	Y
6	ICIS 460-916383/2	10.0	2.711521	8.0	408311.0	0.271152	Y
7	STD16 460-916383/4	16.0	4.488692	8.0	370663.0	0.280543	Y
8	STD24 460-916383/3	24.0	6.431207	8.0	355412.0	0.267967	Y



Calibration / Atrazine

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

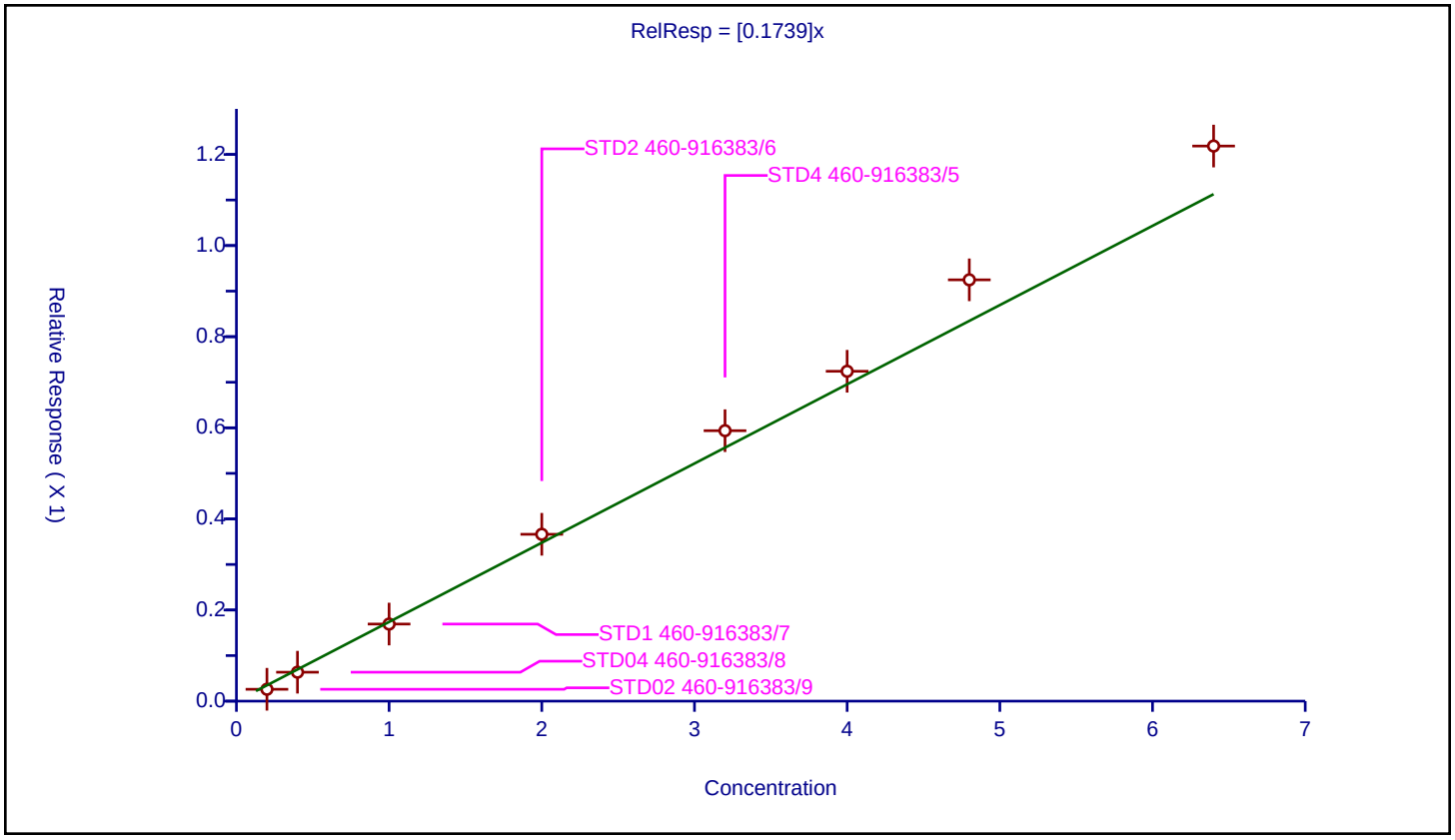
Curve Coefficients

Intercept:	0
Slope:	0.1739

Error Coefficients

Standard Error:	32400
Relative Standard Error:	12.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.026056	8.0	416030.0	0.130279	Y
2	STD04 460-916383/8	0.4	0.063523	8.0	420764.0	0.158806	Y
3	STD1 460-916383/7	1.0	0.16921	8.0	397991.0	0.16921	Y
4	STD2 460-916383/6	2.0	0.366249	8.0	399903.0	0.183124	Y
5	STD4 460-916383/5	3.2	0.593645	8.0	384418.0	0.185514	Y
6	ICIS 460-916383/2	4.0	0.724115	8.0	408311.0	0.181029	Y
7	STD16 460-916383/4	4.8	0.924765	8.0	370663.0	0.192659	Y
8	STD24 460-916383/3	6.4	1.218417	8.0	355412.0	0.190378	Y



Calibration / Pentachlorophenol

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

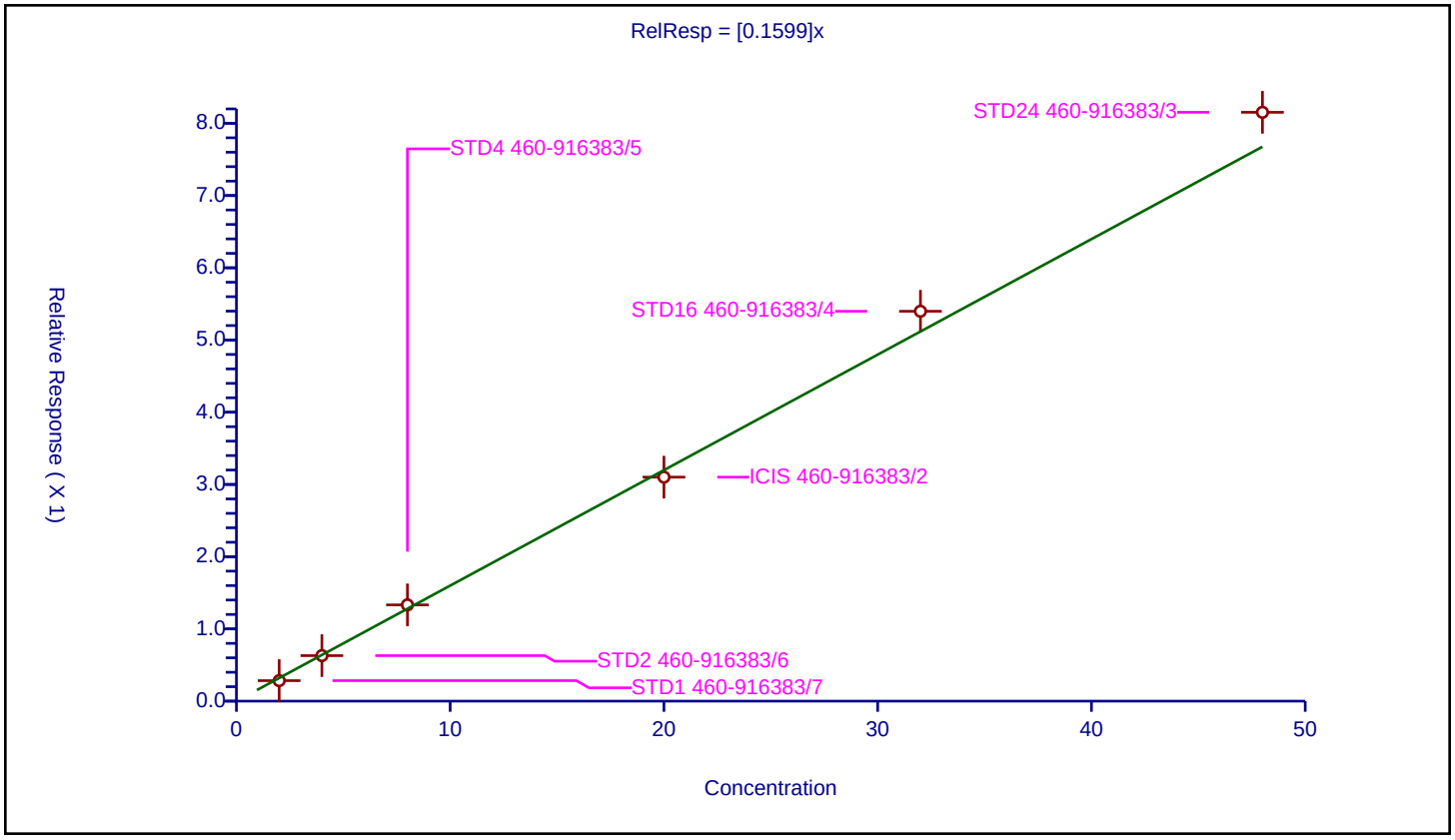
Curve Coefficients

Intercept:	0
Slope:	0.1599

Error Coefficients

Standard Error:	212000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	2.0	0.283745	8.0	397991.0	0.141873	Y
2	STD2 460-916383/6	4.0	0.629893	8.0	399903.0	0.157473	Y
3	STD4 460-916383/5	8.0	1.332383	8.0	384418.0	0.166548	Y
4	ICIS 460-916383/2	20.0	3.101616	8.0	408311.0	0.155081	Y
5	STD16 460-916383/4	32.0	5.398219	8.0	370663.0	0.168694	Y
6	STD24 460-916383/3	48.0	8.152724	8.0	355412.0	0.169848	Y



Calibration / Pentachloronitrobenzene

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

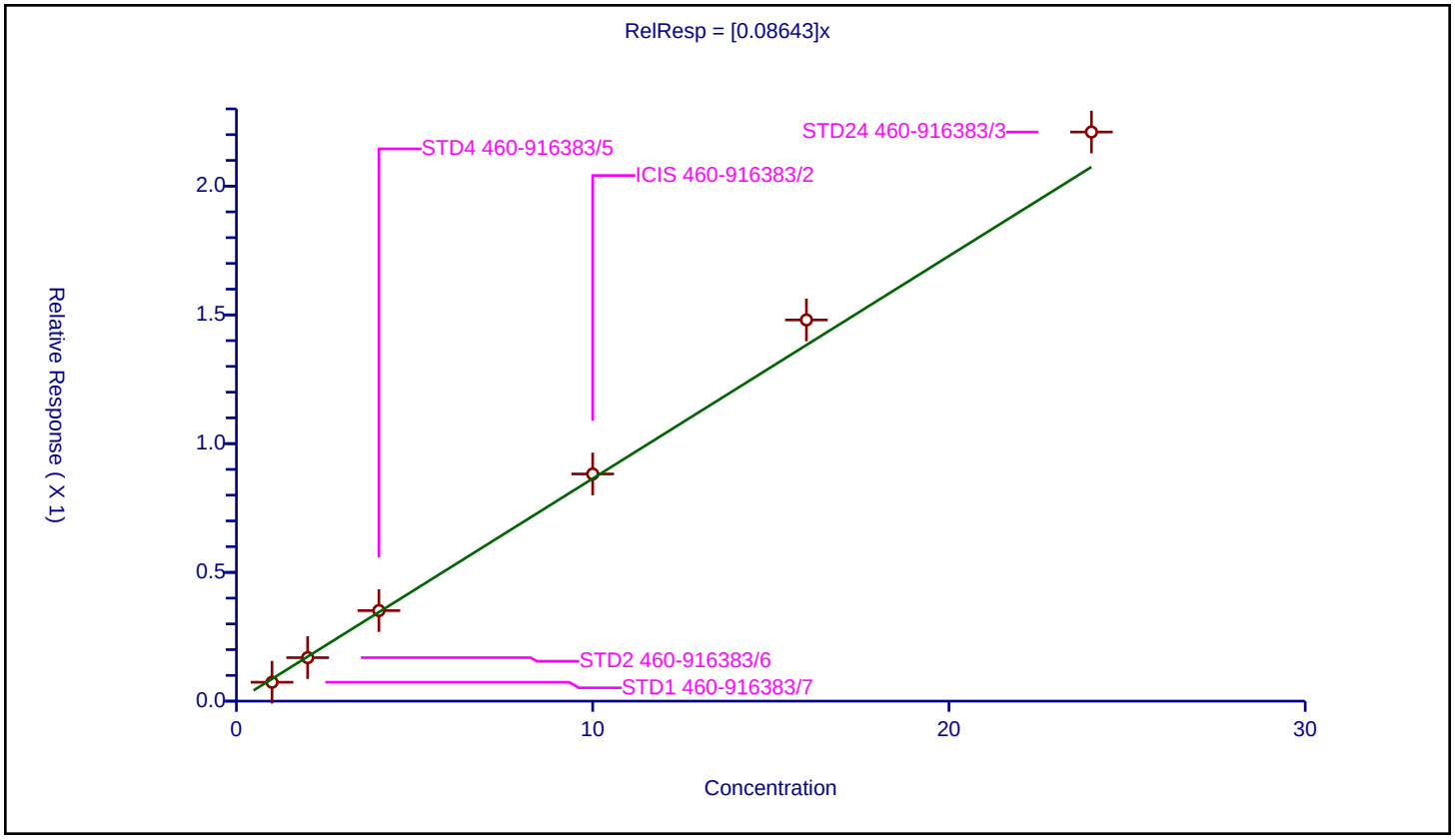
Curve Coefficients

Intercept:	0
Slope:	0.08643

Error Coefficients

Standard Error:	57900
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.073389	8.0	397991.0	0.073389	Y
2	STD2 460-916383/6	2.0	0.168861	8.0	399903.0	0.08443	Y
3	STD4 460-916383/5	4.0	0.351742	8.0	384418.0	0.087936	Y
4	ICIS 460-916383/2	10.0	0.88221	8.0	408311.0	0.088221	Y
5	STD16 460-916383/4	16.0	1.480396	8.0	370663.0	0.092525	Y
6	STD24 460-916383/3	24.0	2.210122	8.0	355412.0	0.092088	Y



Calibration / Phenanthrene

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

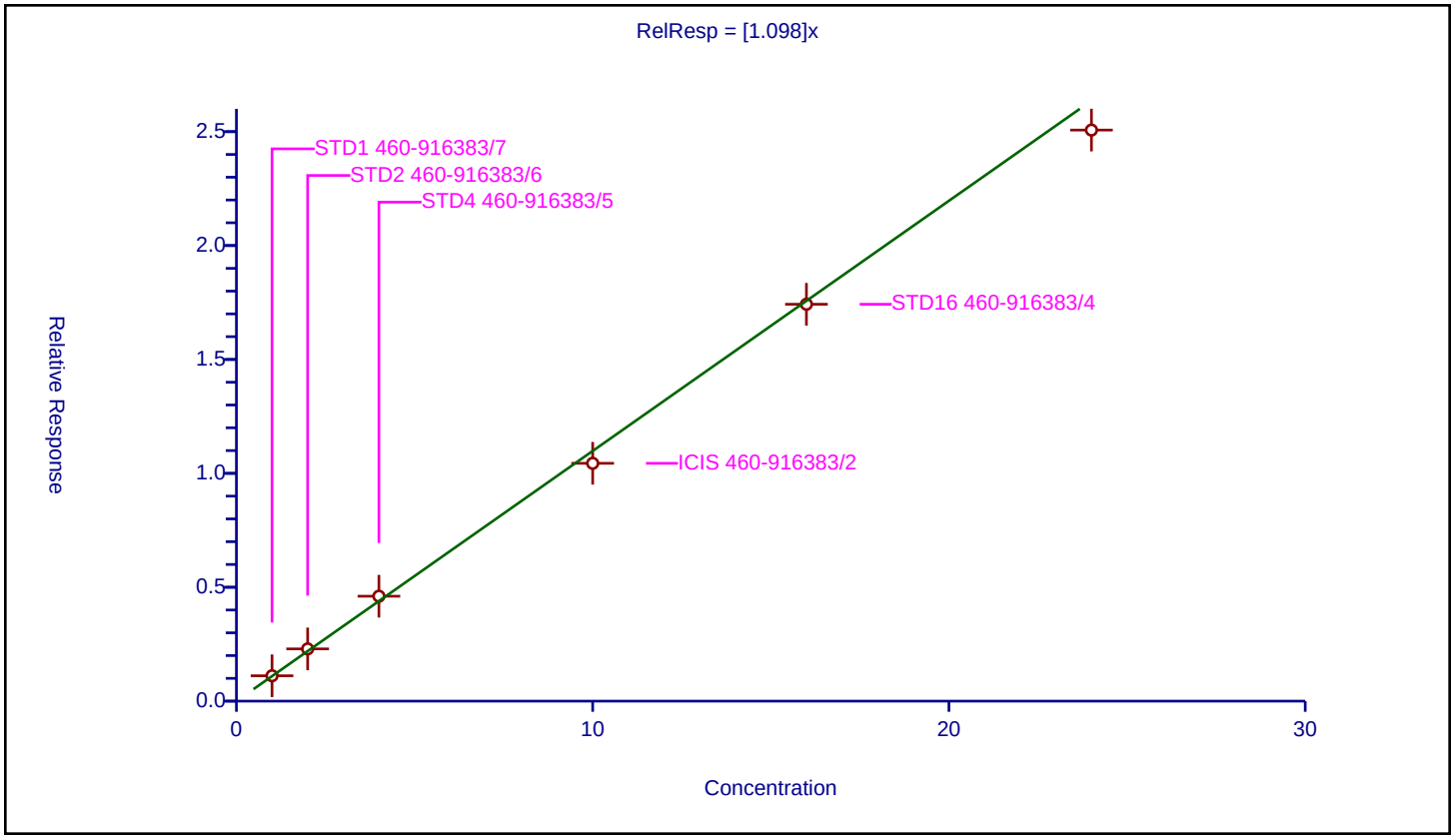
Curve Coefficients

Intercept:	0
Slope:	1.098

Error Coefficients

Standard Error:	670000
Relative Standard Error:	4.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.113814	8.0	397991.0	1.113814	Y
2	STD2 460-916383/6	2.0	2.293176	8.0	399903.0	1.146588	Y
3	STD4 460-916383/5	4.0	4.606361	8.0	384418.0	1.15159	Y
4	ICIS 460-916383/2	10.0	10.440277	8.0	408311.0	1.044028	Y
5	STD16 460-916383/4	16.0	17.423352	8.0	370663.0	1.08896	Y
6	STD24 460-916383/3	24.0	25.070442	8.0	355412.0	1.044602	Y



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Calibration / Anthracene

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

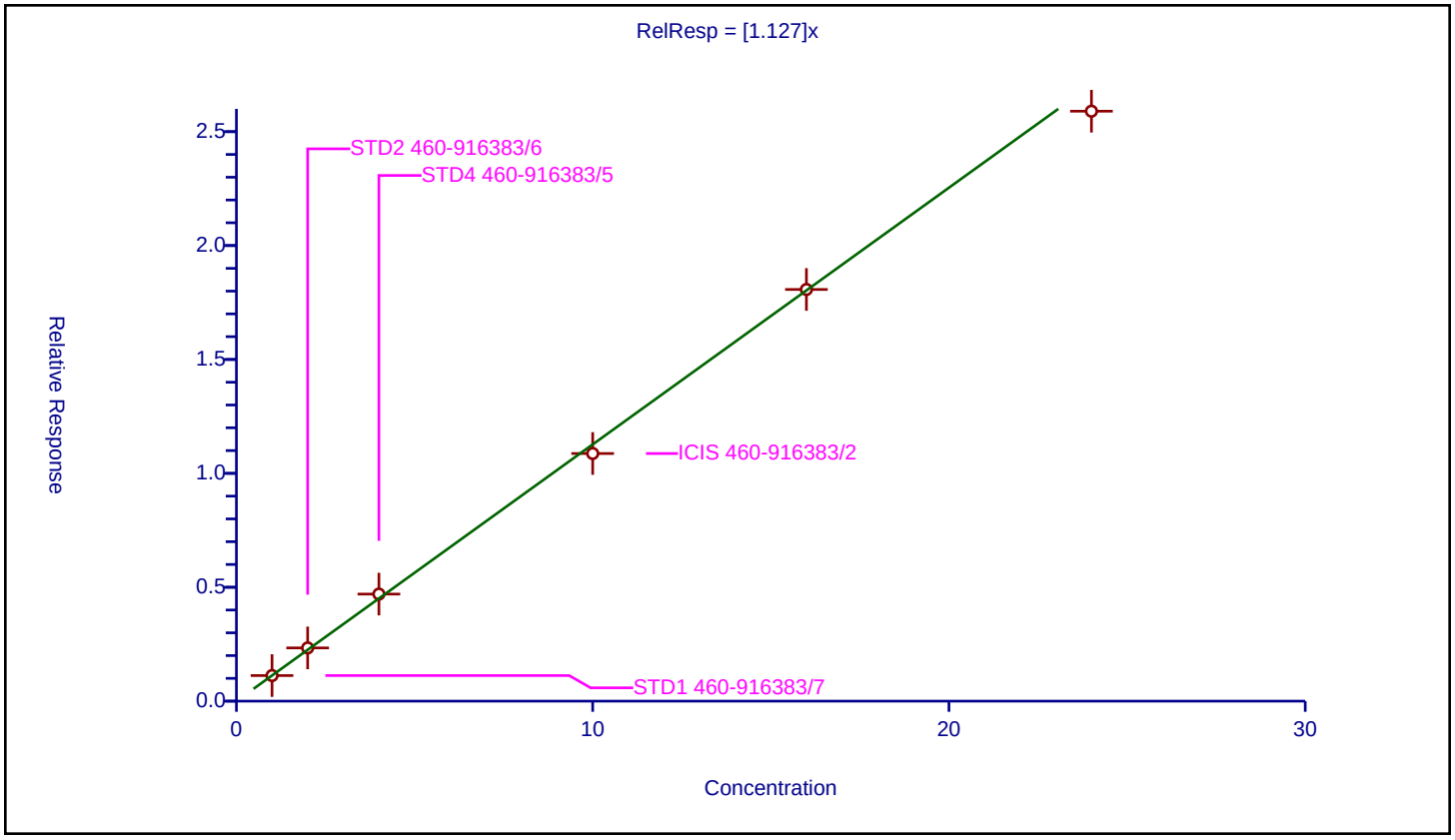
Curve Coefficients

Intercept:	0
Slope:	1.127

Error Coefficients

Standard Error:	693000
Relative Standard Error:	3.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.122779	8.0	397991.0	1.122779	Y
2	STD2 460-916383/6	2.0	2.336967	8.0	399903.0	1.168483	Y
3	STD4 460-916383/5	4.0	4.699988	8.0	384418.0	1.174997	Y
4	ICIS 460-916383/2	10.0	10.870694	8.0	408311.0	1.087069	Y
5	STD16 460-916383/4	16.0	18.072244	8.0	370663.0	1.129515	Y
6	STD24 460-916383/3	24.0	25.898507	8.0	355412.0	1.079104	Y



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Calibration / Carbazole

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

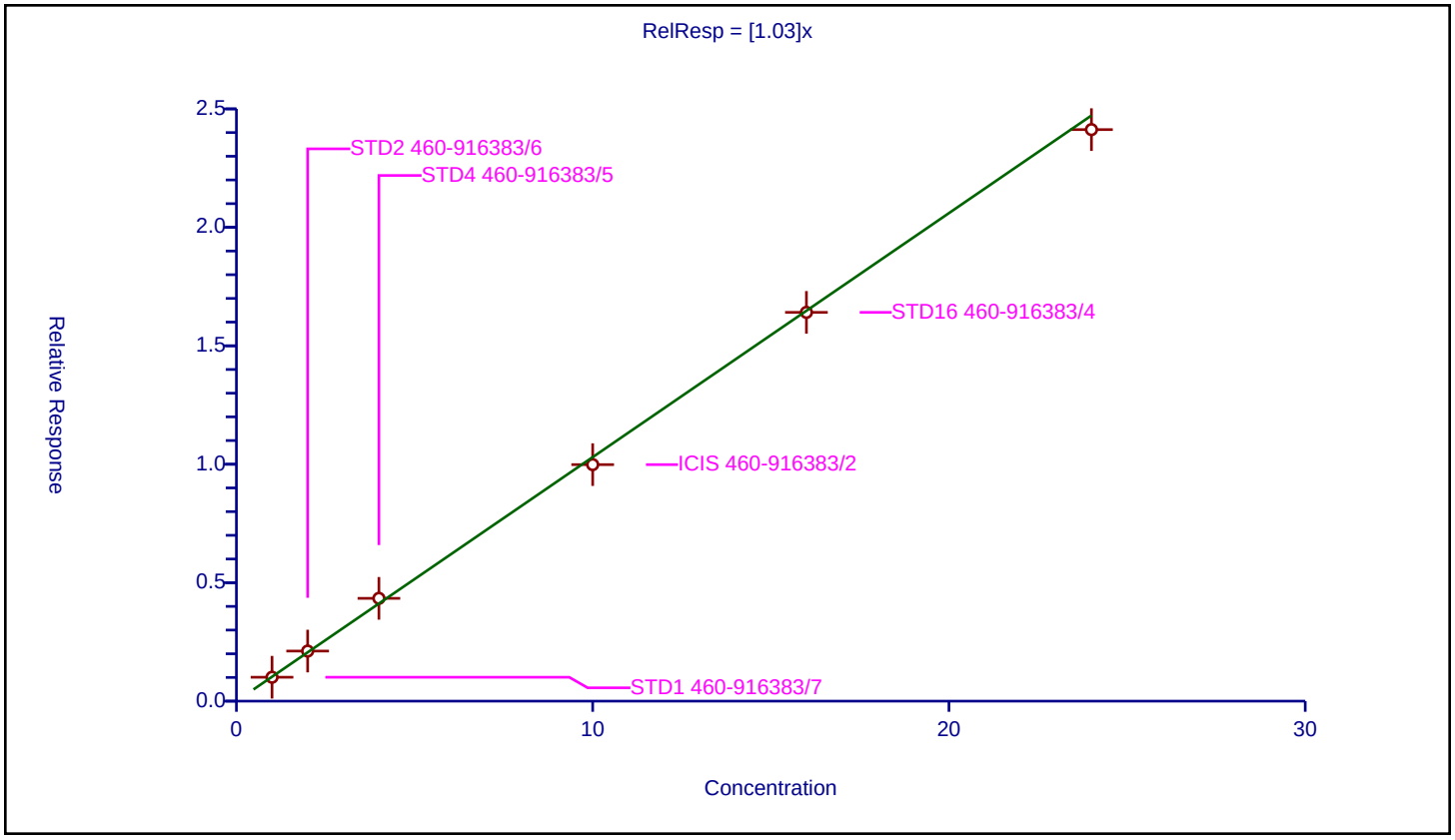
Curve Coefficients

Intercept:	0
Slope:	1.03

Error Coefficients

Standard Error:	639000
Relative Standard Error:	3.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.008867	8.0	397991.0	1.008867	Y
2	STD2 460-916383/6	2.0	2.113853	8.0	399903.0	1.056926	Y
3	STD4 460-916383/5	4.0	4.339651	8.0	384418.0	1.084913	Y
4	ICIS 460-916383/2	10.0	9.983684	8.0	408311.0	0.998368	Y
5	STD16 460-916383/4	16.0	16.410529	8.0	370663.0	1.025658	Y
6	STD24 460-916383/3	24.0	24.125015	8.0	355412.0	1.005209	Y



Calibration / Di-n-butyl phthalate

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

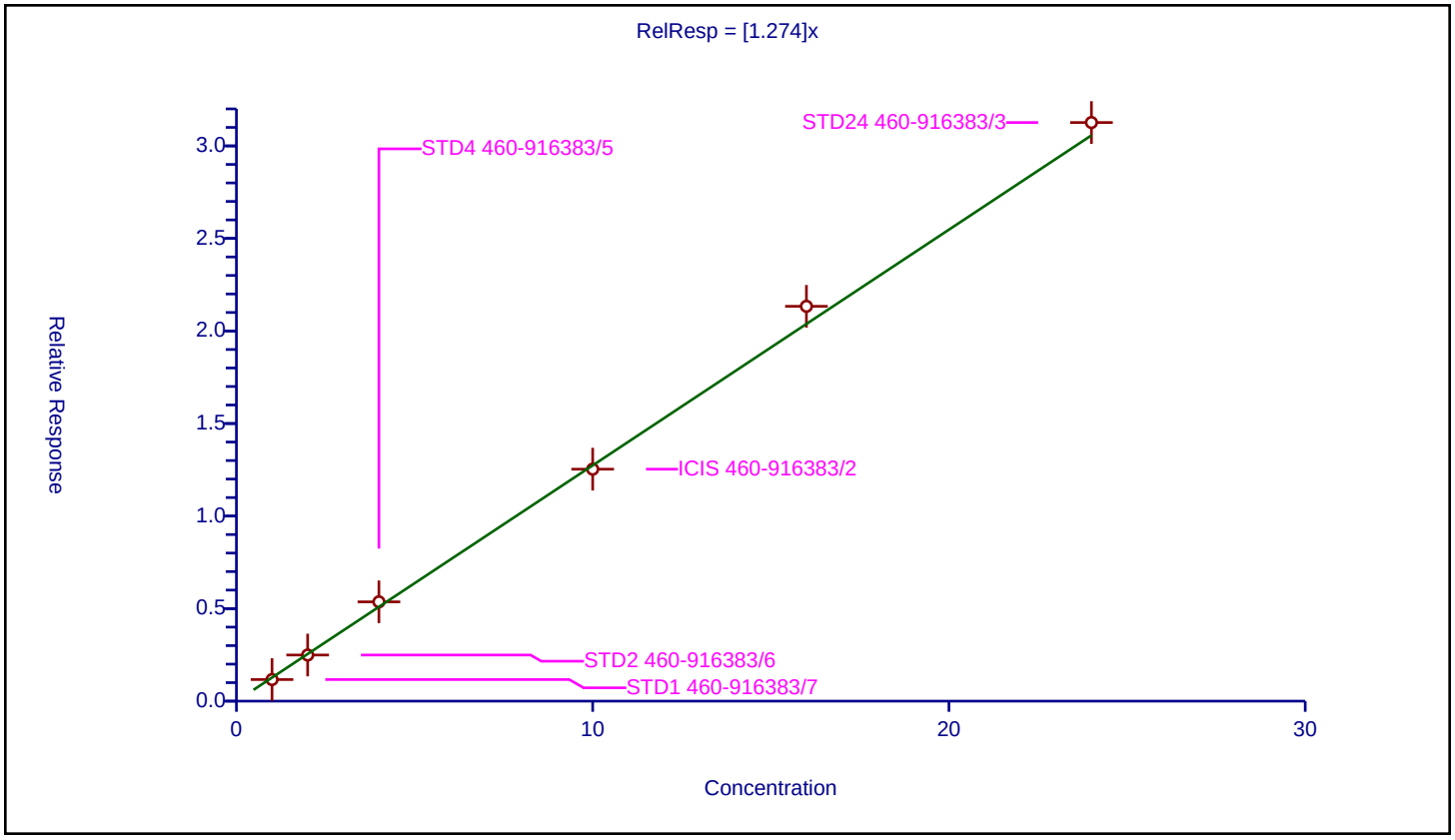
Curve Coefficients

Intercept:	0
Slope:	1.274

Error Coefficients

Standard Error:	825000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.166137	8.0	397991.0	1.166137	Y
2	STD2 460-916383/6	2.0	2.491544	8.0	399903.0	1.245772	Y
3	STD4 460-916383/5	4.0	5.365097	8.0	384418.0	1.341274	Y
4	ICIS 460-916383/2	10.0	12.53327	8.0	408311.0	1.253327	Y
5	STD16 460-916383/4	16.0	21.333189	8.0	370663.0	1.333324	Y
6	STD24 460-916383/3	24.0	31.26285	8.0	355412.0	1.302619	Y



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Calibration / Fluoranthene

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

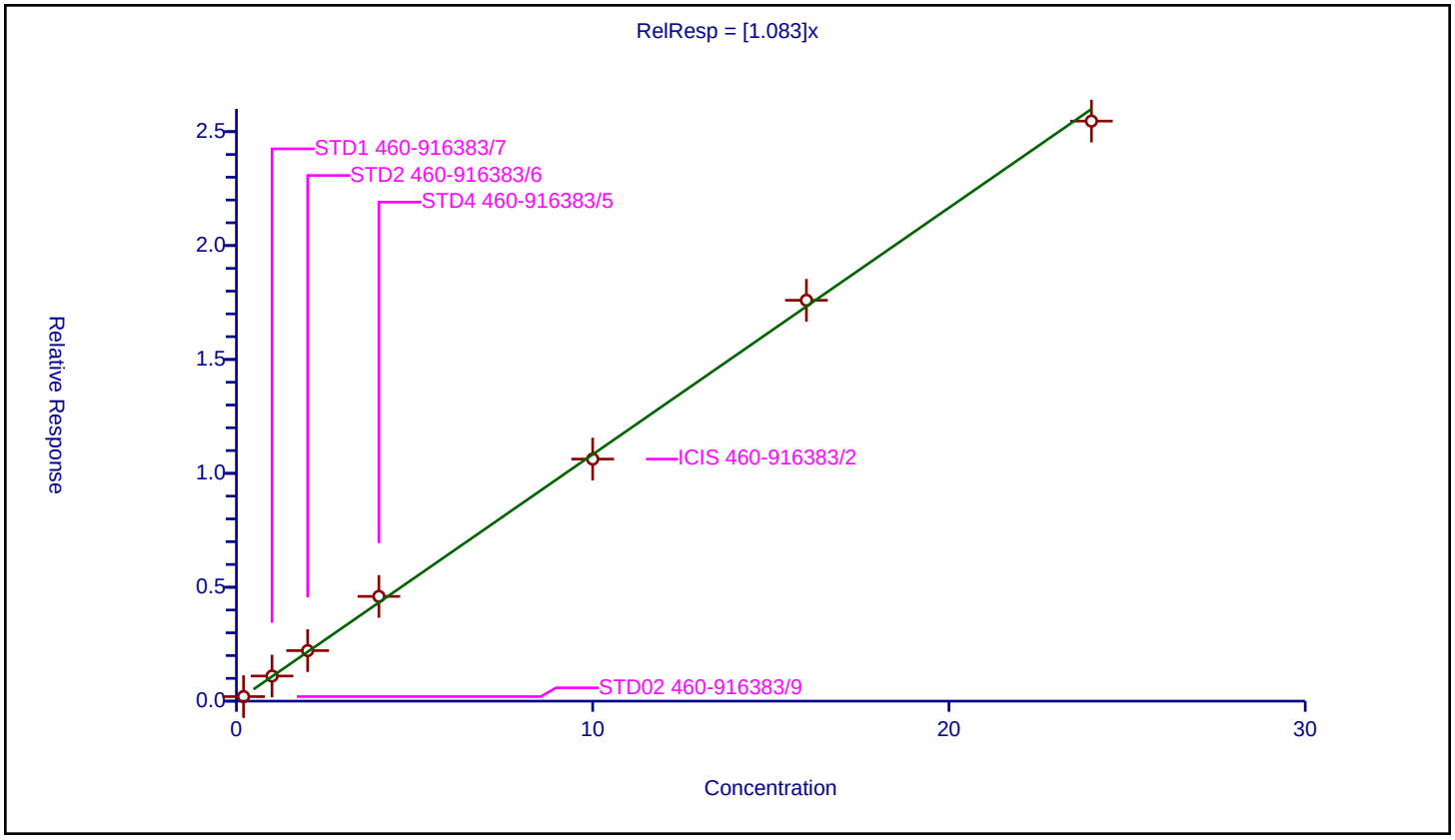
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Standard Error:	620000
Relative Standard Error:	4.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.199005	8.0	416030.0	0.995024	Y
2	STD1 460-916383/7	1.0	1.102638	8.0	397991.0	1.102638	Y
3	STD2 460-916383/6	2.0	2.219138	8.0	399903.0	1.109569	Y
4	STD4 460-916383/5	4.0	4.598598	8.0	384418.0	1.14965	Y
5	ICIS 460-916383/2	10.0	10.626292	8.0	408311.0	1.062629	Y
6	STD16 460-916383/4	16.0	17.599253	8.0	370663.0	1.099953	Y
7	STD24 460-916383/3	24.0	25.464351	8.0	355412.0	1.061015	Y



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Calibration / Benzidine

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

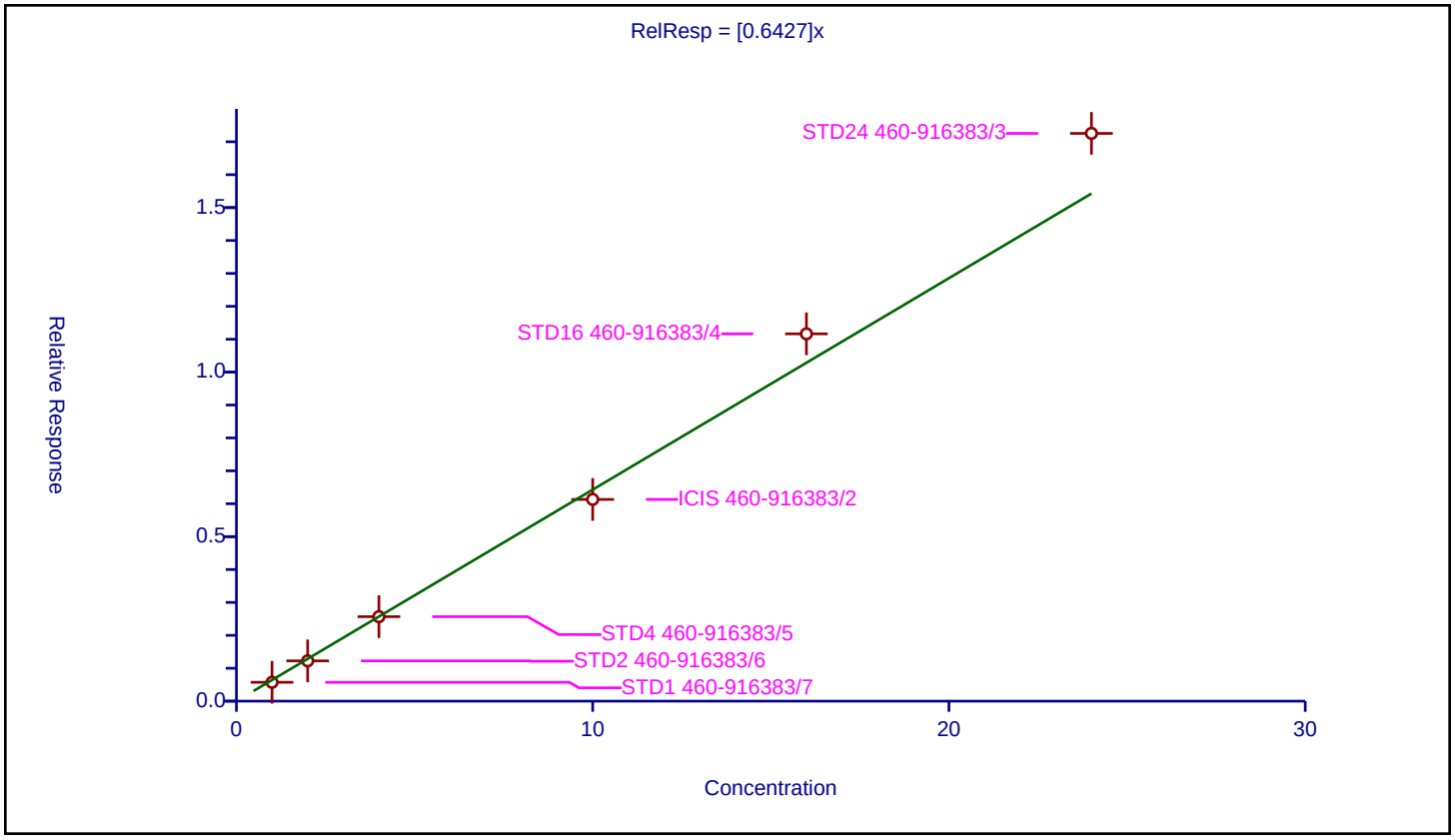
Curve Coefficients

Intercept:	0
Slope:	0.6427

Error Coefficients

Standard Error:	441000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.572897	8.0	397991.0	0.572897	Y
2	STD2 460-916383/6	2.0	1.223937	8.0	399903.0	0.611968	Y
3	STD4 460-916383/5	4.0	2.567164	8.0	384418.0	0.641791	Y
4	ICIS 460-916383/2	10.0	6.130856	8.0	408311.0	0.613086	Y
5	STD16 460-916383/4	16.0	11.163477	8.0	370663.0	0.697717	Y
6	STD24 460-916383/3	24.0	17.254949	8.0	355412.0	0.718956	Y



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Calibration / Pyrene

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

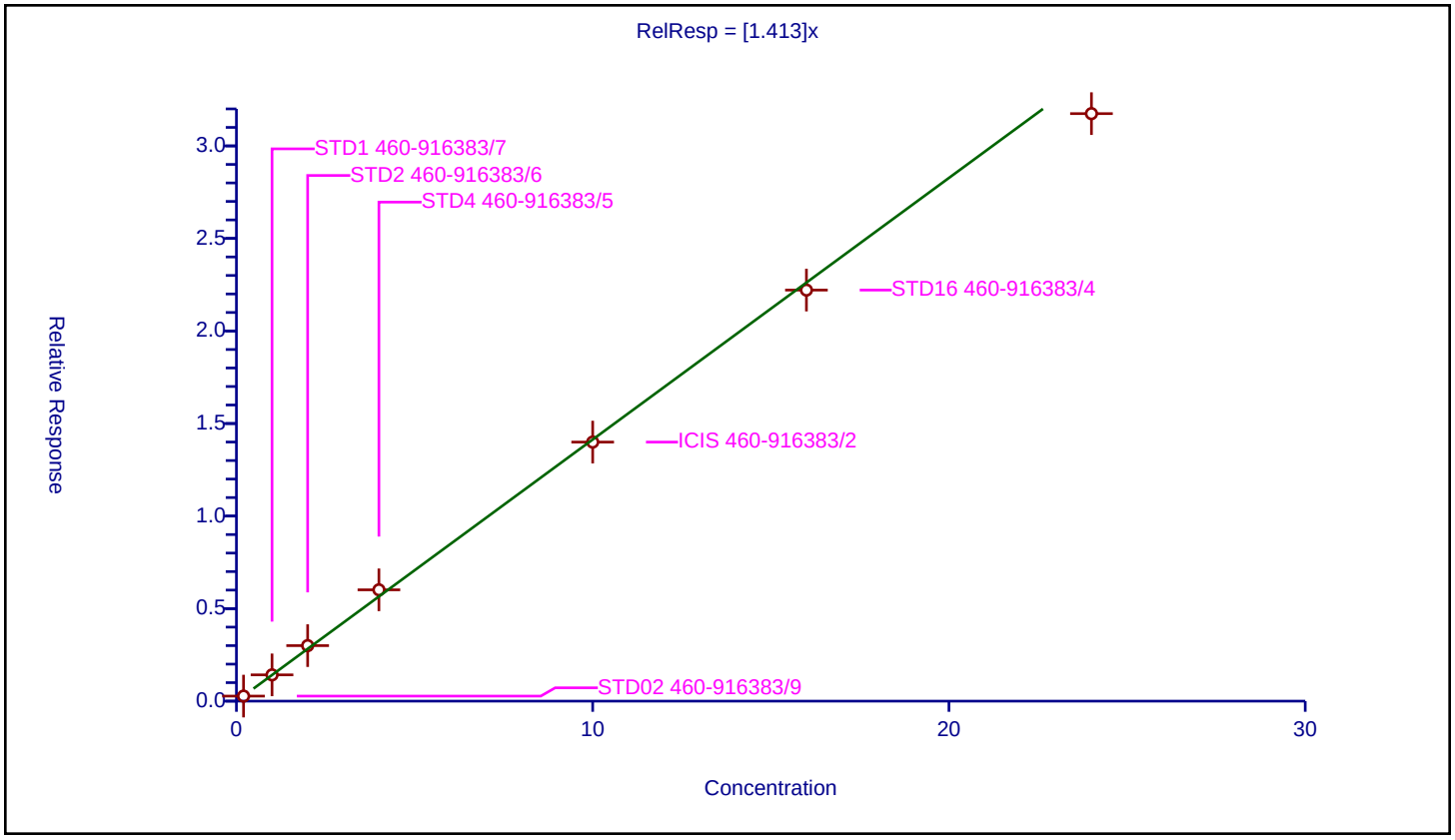
Curve Coefficients

Intercept:	0
Slope:	1.413

Error Coefficients

Standard Error:	646000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.27214	8.0	314103.0	1.3607	Y
2	STD1 460-916383/7	1.0	1.419722	8.0	314546.0	1.419722	Y
3	STD2 460-916383/6	2.0	2.999379	8.0	309336.0	1.49969	Y
4	STD4 460-916383/5	4.0	6.014489	8.0	308088.0	1.503622	Y
5	ICIS 460-916383/2	10.0	13.996638	8.0	324255.0	1.399664	Y
6	STD16 460-916383/4	16.0	22.210117	8.0	303117.0	1.388132	Y
7	STD24 460-916383/3	24.0	31.743773	8.0	298361.0	1.322657	Y



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Calibration / Bisphenol-A

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

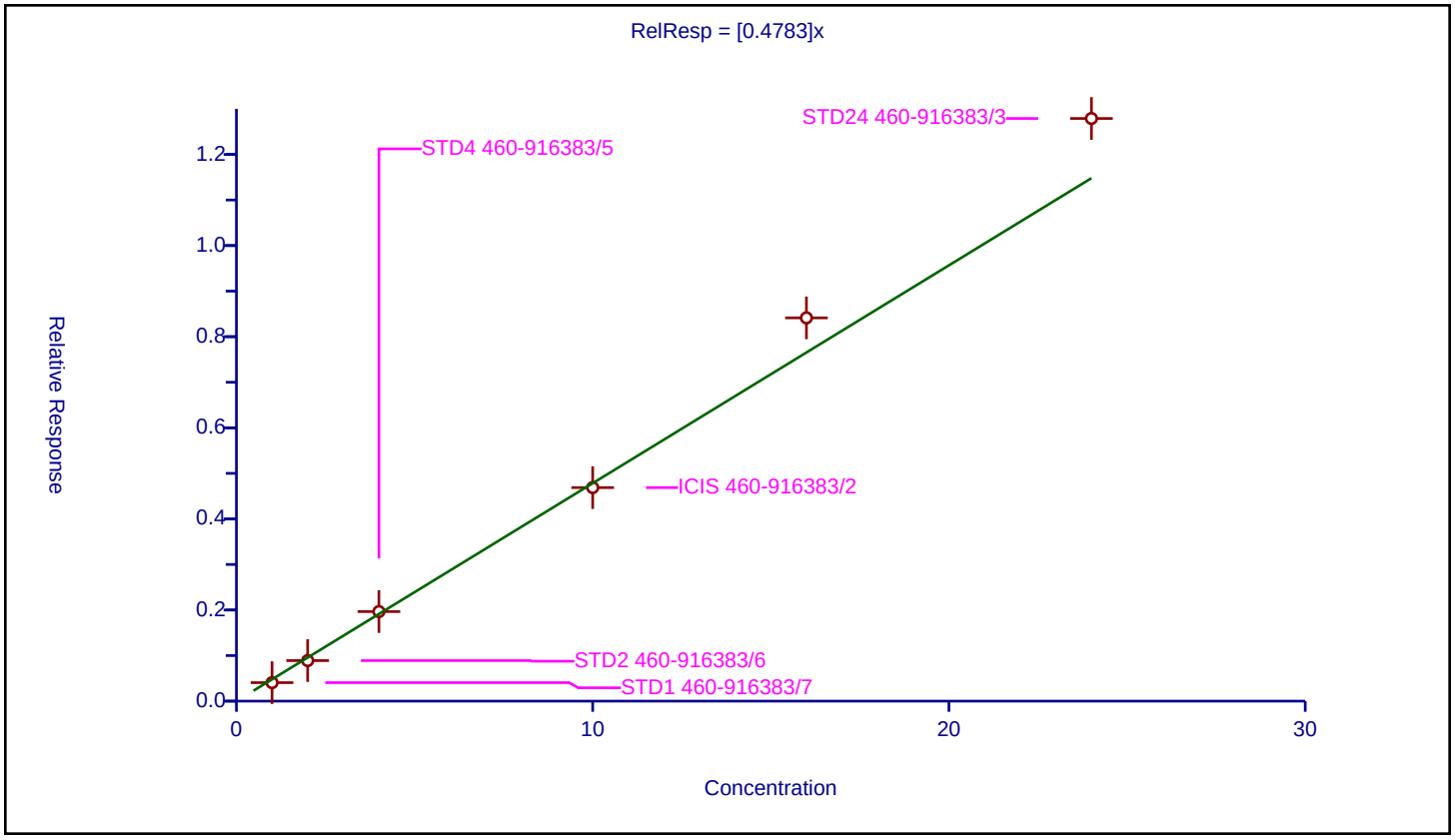
Curve Coefficients

Intercept:	0
Slope:	0.4783

Error Coefficients

Standard Error:	273000
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	STD1 460-916383/7	1.0	0.405995	8.0	314546.0	0.405995	Y
2	STD2 460-916383/6	2.0	0.89001	8.0	309336.0	0.445005	Y
3	STD4 460-916383/5	4.0	1.965724	8.0	308088.0	0.491431	Y
4	ICIS 460-916383/2	10.0	4.687274	8.0	324255.0	0.468727	Y
5	STD16 460-916383/4	16.0	8.413042	8.0	303117.0	0.525815	Y
6	STD24 460-916383/3	24.0	12.789554	8.0	298361.0	0.532898	Y



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Calibration / Terphenyl-d14

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

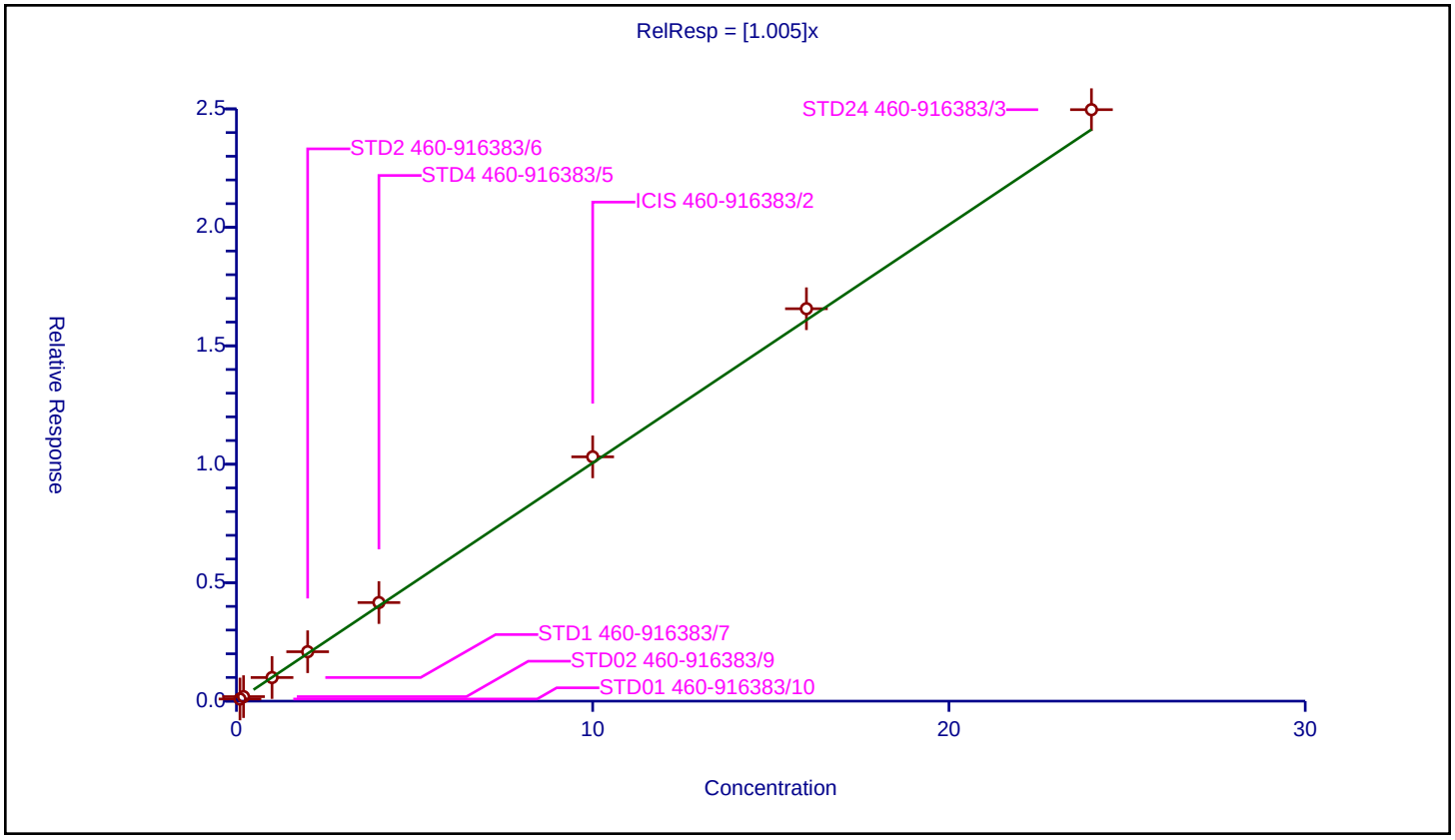
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	458000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.0905	8.0	302762.0	0.905001	Y
2	STD02 460-916383/9	0.2	0.190256	8.0	314103.0	0.95128	Y
3	STD1 460-916383/7	1.0	0.996458	8.0	314546.0	0.996458	Y
4	STD2 460-916383/6	2.0	2.086585	8.0	309336.0	1.043293	Y
5	STD4 460-916383/5	4.0	4.161928	8.0	308088.0	1.040482	Y
6	ICIS 460-916383/2	10.0	10.312723	8.0	324255.0	1.031272	Y
7	STD16 460-916383/4	16.0	16.564825	8.0	303117.0	1.035302	Y
8	STD24 460-916383/3	24.0	24.966829	8.0	298361.0	1.040285	Y



Calibration / Butyl benzyl phthalate

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

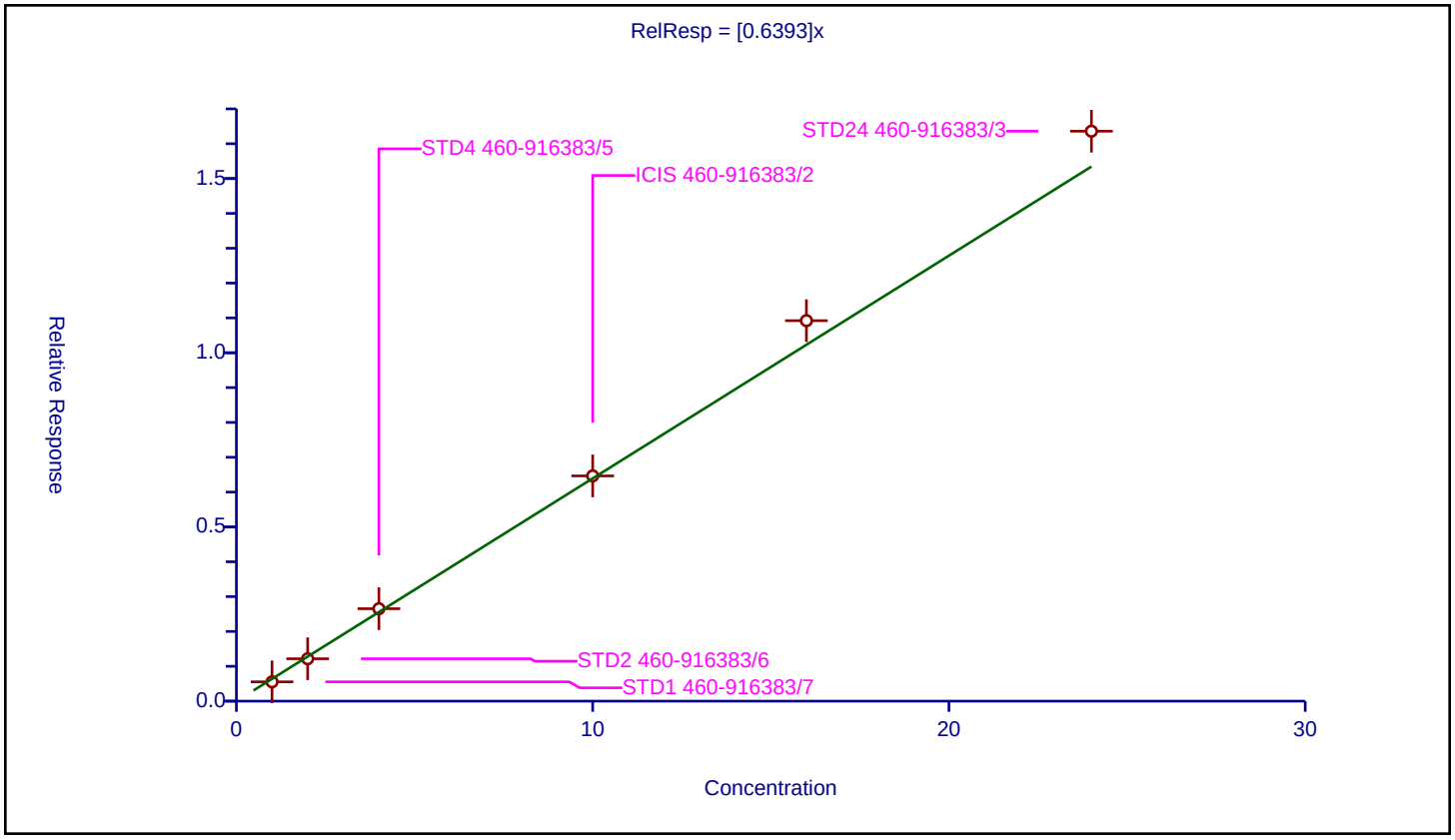
Curve Coefficients

Intercept:	0
Slope:	0.6393

Error Coefficients

Standard Error:	354000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.55356	8.0	314546.0	0.55356	Y
2	STD2 460-916383/6	2.0	1.216929	8.0	309336.0	0.608465	Y
3	STD4 460-916383/5	4.0	2.65319	8.0	308088.0	0.663297	Y
4	ICIS 460-916383/2	10.0	6.465381	8.0	324255.0	0.646538	Y
5	STD16 460-916383/4	16.0	10.921169	8.0	303117.0	0.682573	Y
6	STD24 460-916383/3	24.0	16.359457	8.0	298361.0	0.681644	Y



Calibration / 2,3,7,8-TCDD

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

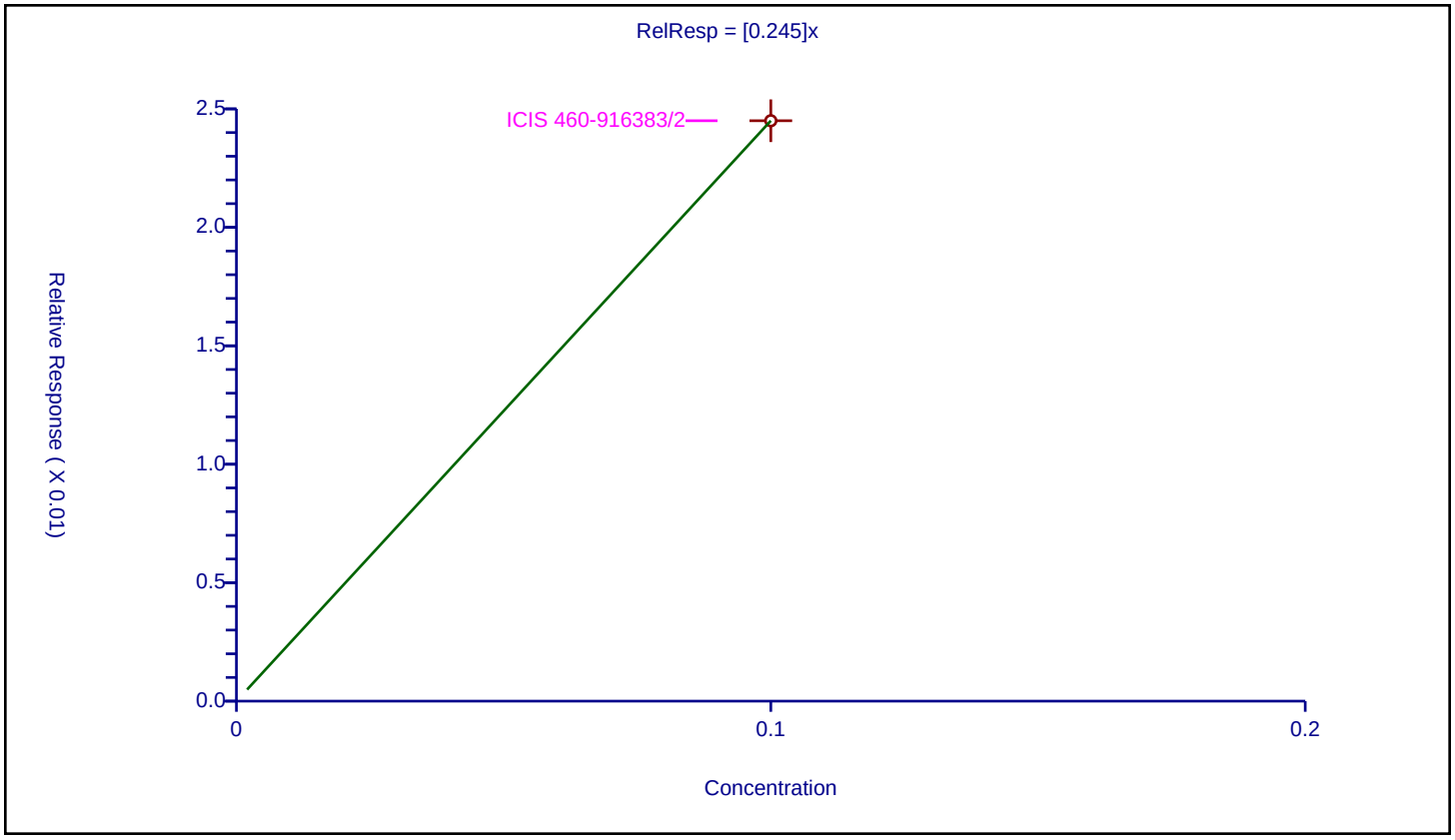
Curve Coefficients

Intercept:	0
Slope:	0.245

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-916383/2	0.1	0.024499	8.0	324255.0	0.244992	Y



Calibration / Carbamazepine

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

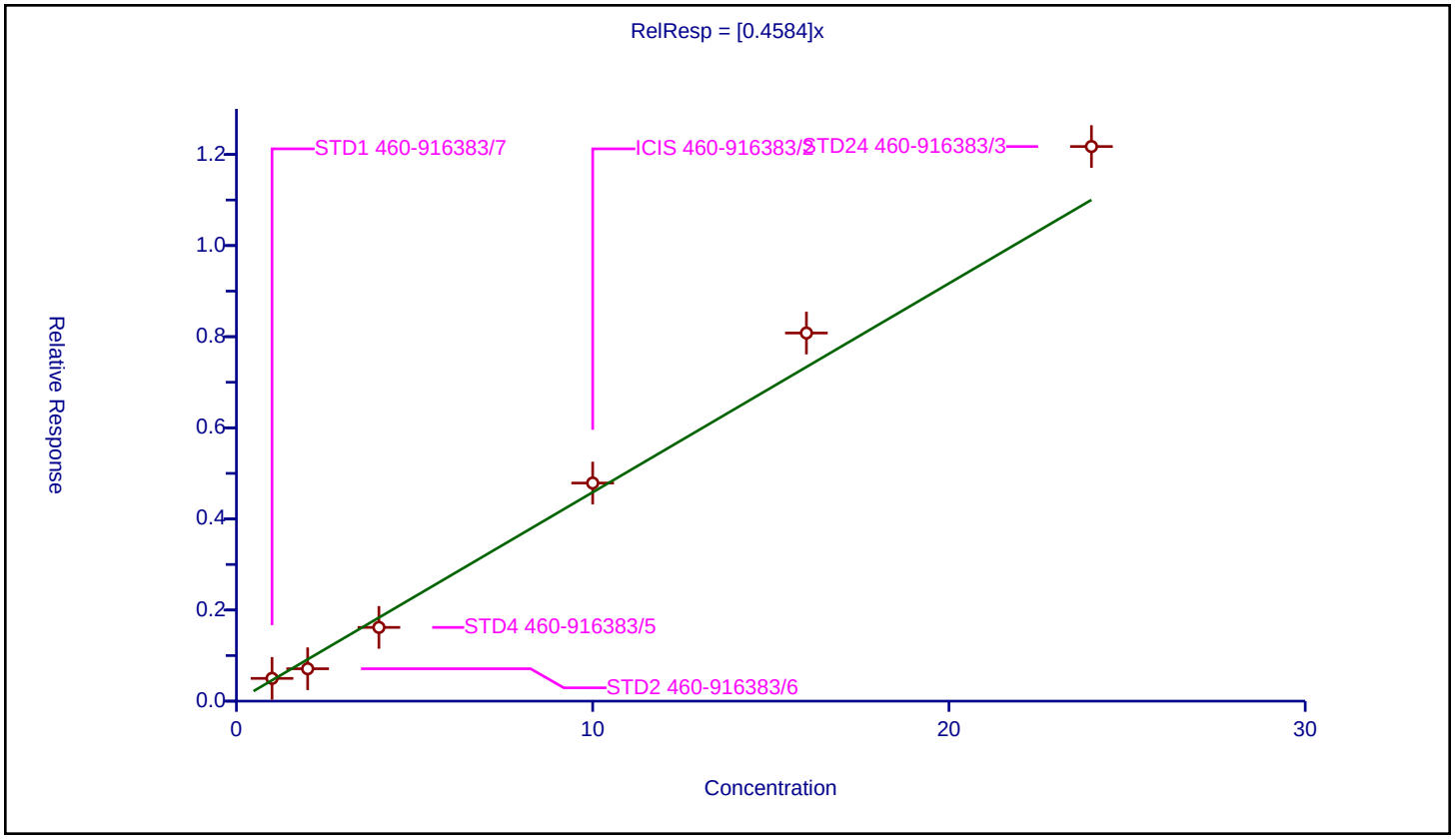
Curve Coefficients

Intercept:	0
Slope:	0.4584

Error Coefficients

Standard Error:	262000
Relative Standard Error:	13.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	0.499386	8.0	314546.0	0.499386	Y
2	STD2 460-916383/6	2.0	0.711201	8.0	309336.0	0.3556	Y
3	STD4 460-916383/5	4.0	1.618784	8.0	308088.0	0.404696	Y
4	ICIS 460-916383/2	10.0	4.787245	8.0	324255.0	0.478724	Y
5	STD16 460-916383/4	16.0	8.080603	8.0	303117.0	0.505038	Y
6	STD24 460-916383/3	24.0	12.174084	8.0	298361.0	0.507254	Y



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Calibration / 3,3'-Dichlorobenzidine

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

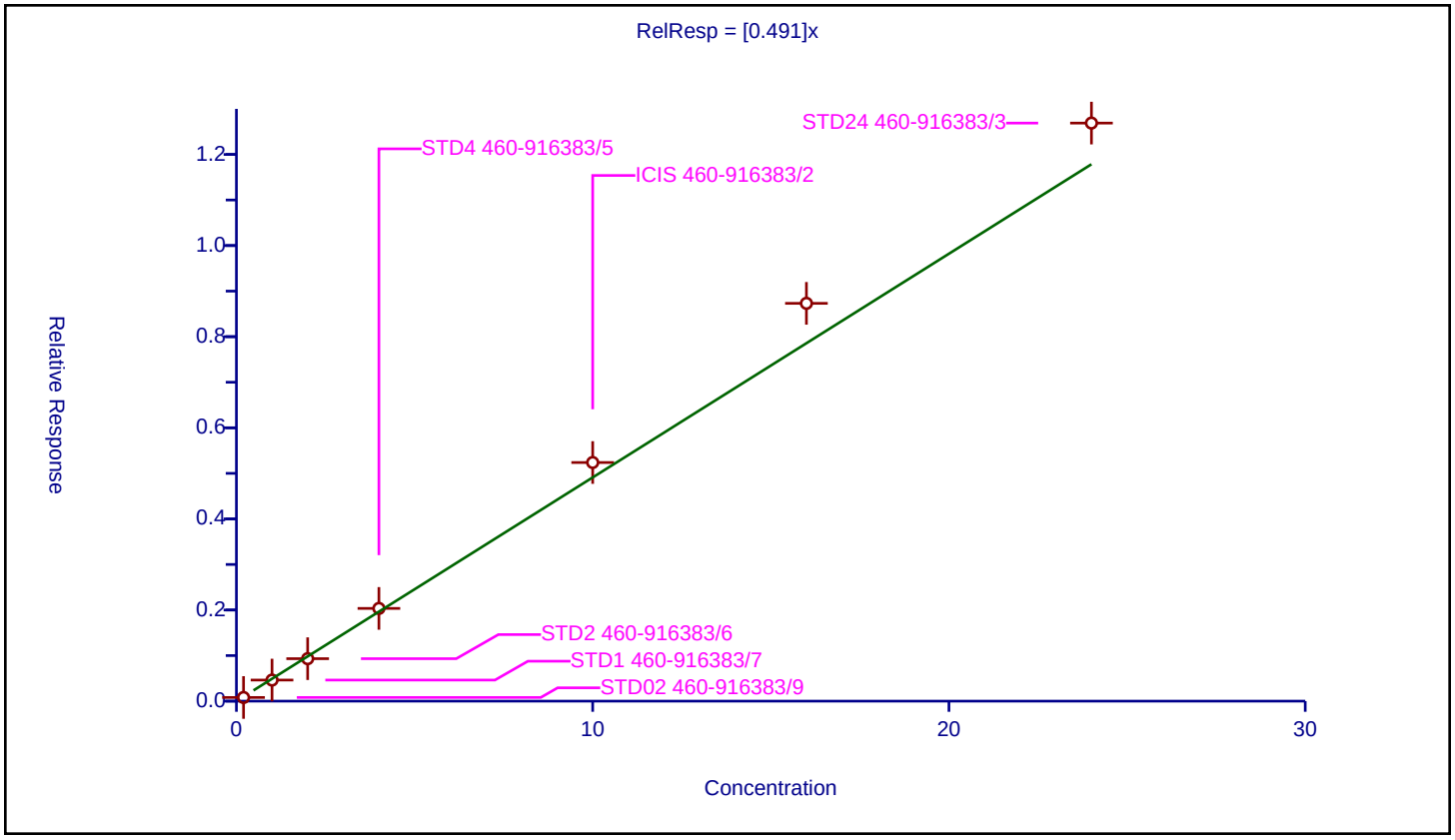
Curve Coefficients

Intercept:	0
Slope:	0.491

Error Coefficients

Standard Error:	254000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.08033	8.0	314103.0	0.401652	Y
2	STD1 460-916383/7	1.0	0.462508	8.0	314546.0	0.462508	Y
3	STD2 460-916383/6	2.0	0.932087	8.0	309336.0	0.466043	Y
4	STD4 460-916383/5	4.0	2.035237	8.0	308088.0	0.508809	Y
5	ICIS 460-916383/2	10.0	5.237927	8.0	324255.0	0.523793	Y
6	STD16 460-916383/4	16.0	8.731915	8.0	303117.0	0.545745	Y
7	STD24 460-916383/3	24.0	12.688495	8.0	298361.0	0.528687	Y



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Calibration / Benzo[a]anthracene

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

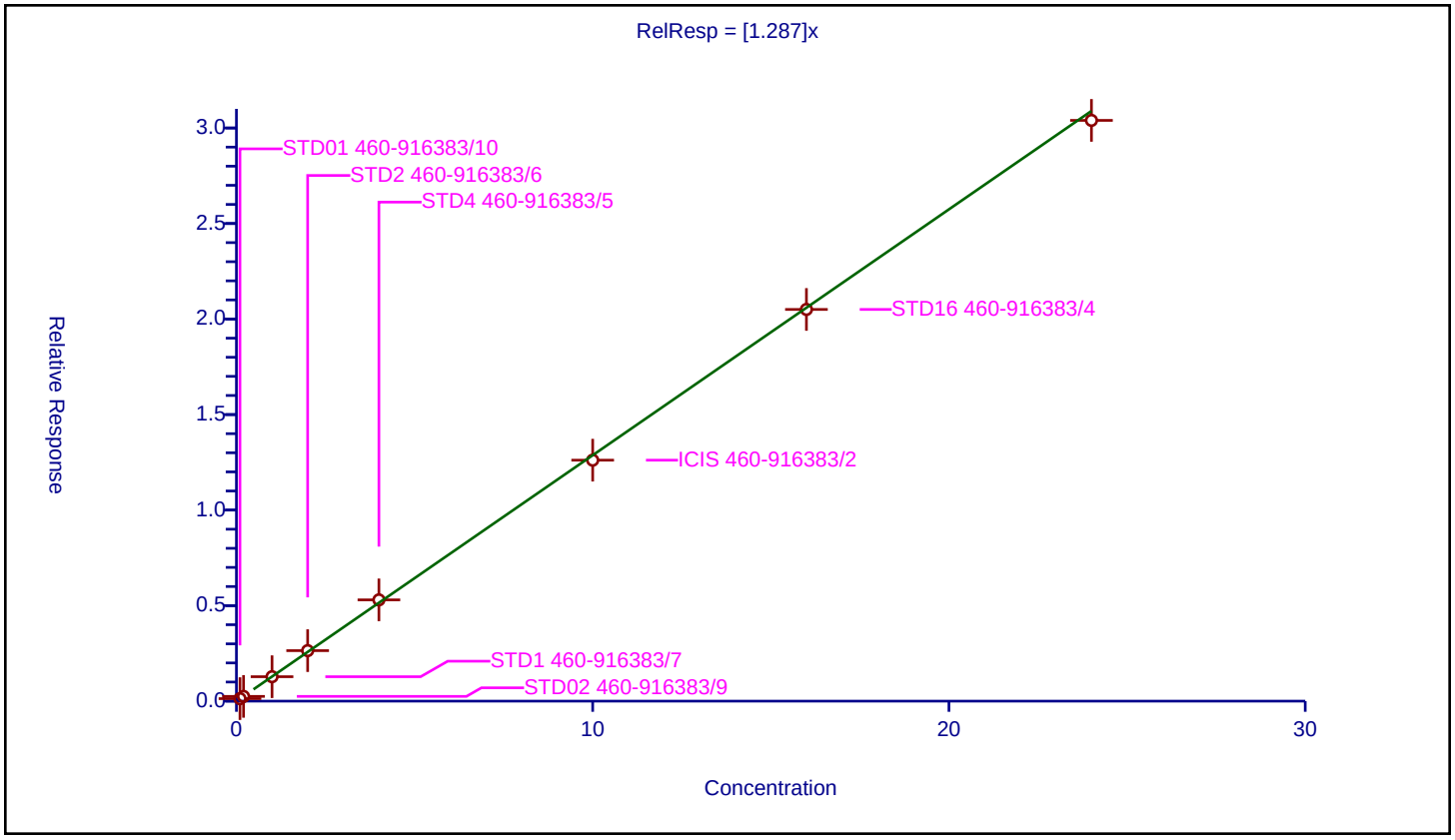
Curve Coefficients

Intercept:	0
Slope:	1.287

Error Coefficients

Standard Error:	561000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.131932	8.0	302762.0	1.31932	Y
2	STD02 460-916383/9	0.2	0.248148	8.0	314103.0	1.24074	Y
3	STD1 460-916383/7	1.0	1.279762	8.0	314546.0	1.279762	Y
4	STD2 460-916383/6	2.0	2.643882	8.0	309336.0	1.321941	Y
5	STD4 460-916383/5	4.0	5.30168	8.0	308088.0	1.32542	Y
6	ICIS 460-916383/2	10.0	12.613752	8.0	324255.0	1.261375	Y
7	STD16 460-916383/4	16.0	20.502605	8.0	303117.0	1.281413	Y
8	STD24 460-916383/3	24.0	30.397217	8.0	298361.0	1.266551	Y



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Calibration / Chrysene

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

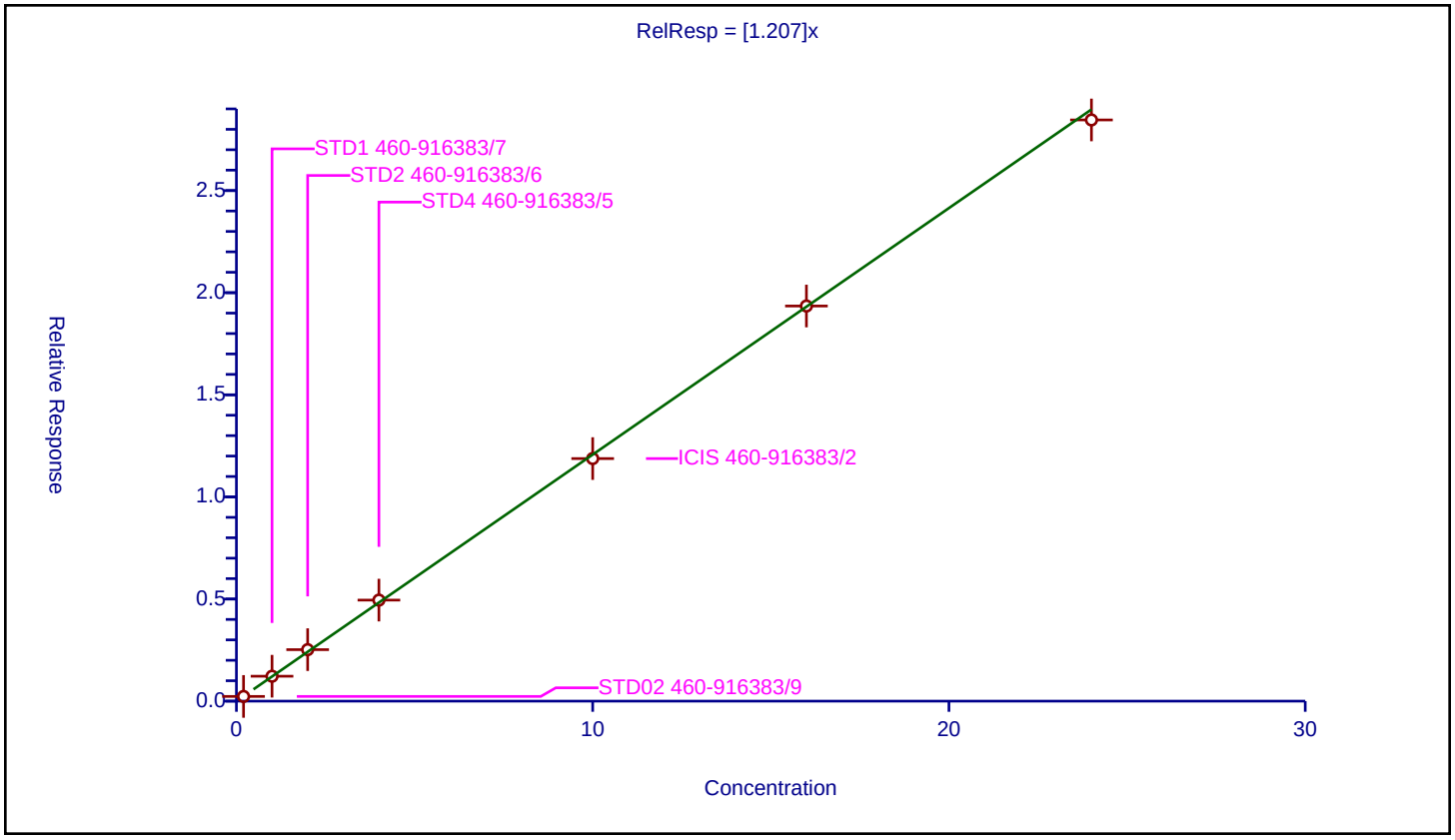
Curve Coefficients

Intercept:	0
Slope:	1.207

Error Coefficients

Standard Error:	569000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.230014	8.0	314103.0	1.150069	Y
2	STD1 460-916383/7	1.0	1.219434	8.0	314546.0	1.219434	Y
3	STD2 460-916383/6	2.0	2.52109	8.0	309336.0	1.260545	Y
4	STD4 460-916383/5	4.0	4.947937	8.0	308088.0	1.236984	Y
5	ICIS 460-916383/2	10.0	11.877837	8.0	324255.0	1.187784	Y
6	STD16 460-916383/4	16.0	19.348489	8.0	303117.0	1.209281	Y
7	STD24 460-916383/3	24.0	28.459028	8.0	298361.0	1.185793	Y



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Calibration / Bis(2-ethylhexyl) phthalate

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

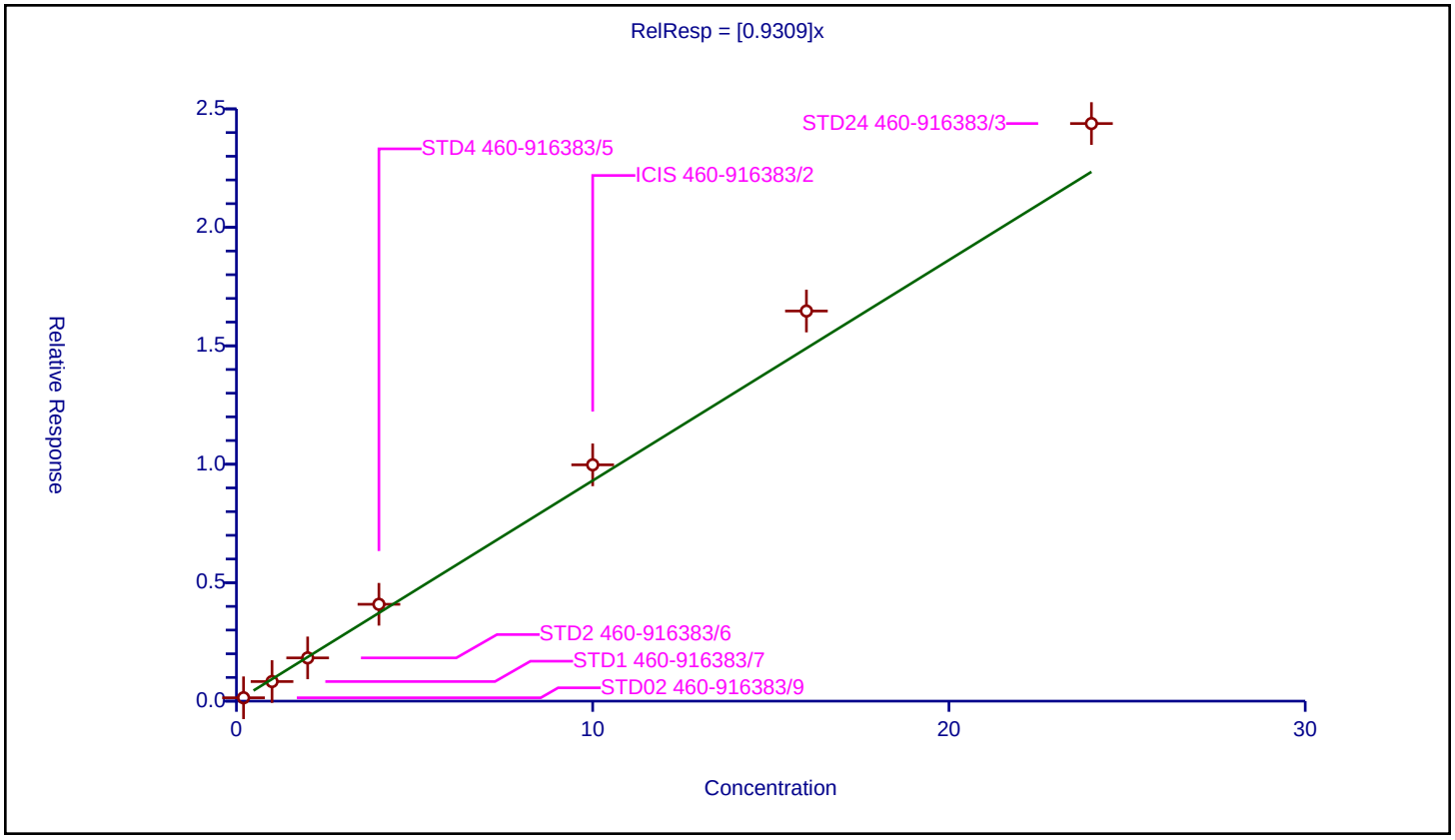
Curve Coefficients

Intercept:	0
Slope:	0.9309

Error Coefficients

Standard Error:	485000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-916383/9	0.2	0.142297	8.0	314103.0	0.711486	Y
2	STD1 460-916383/7	1.0	0.827326	8.0	314546.0	0.827326	Y
3	STD2 460-916383/6	2.0	1.825795	8.0	309336.0	0.912897	Y
4	STD4 460-916383/5	4.0	4.088962	8.0	308088.0	1.02224	Y
5	ICIS 460-916383/2	10.0	9.97568	8.0	324255.0	0.997568	Y
6	STD16 460-916383/4	16.0	16.467727	8.0	303117.0	1.029233	Y
7	STD24 460-916383/3	24.0	24.381578	8.0	298361.0	1.015899	Y



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Calibration / Di-n-octyl phthalate

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

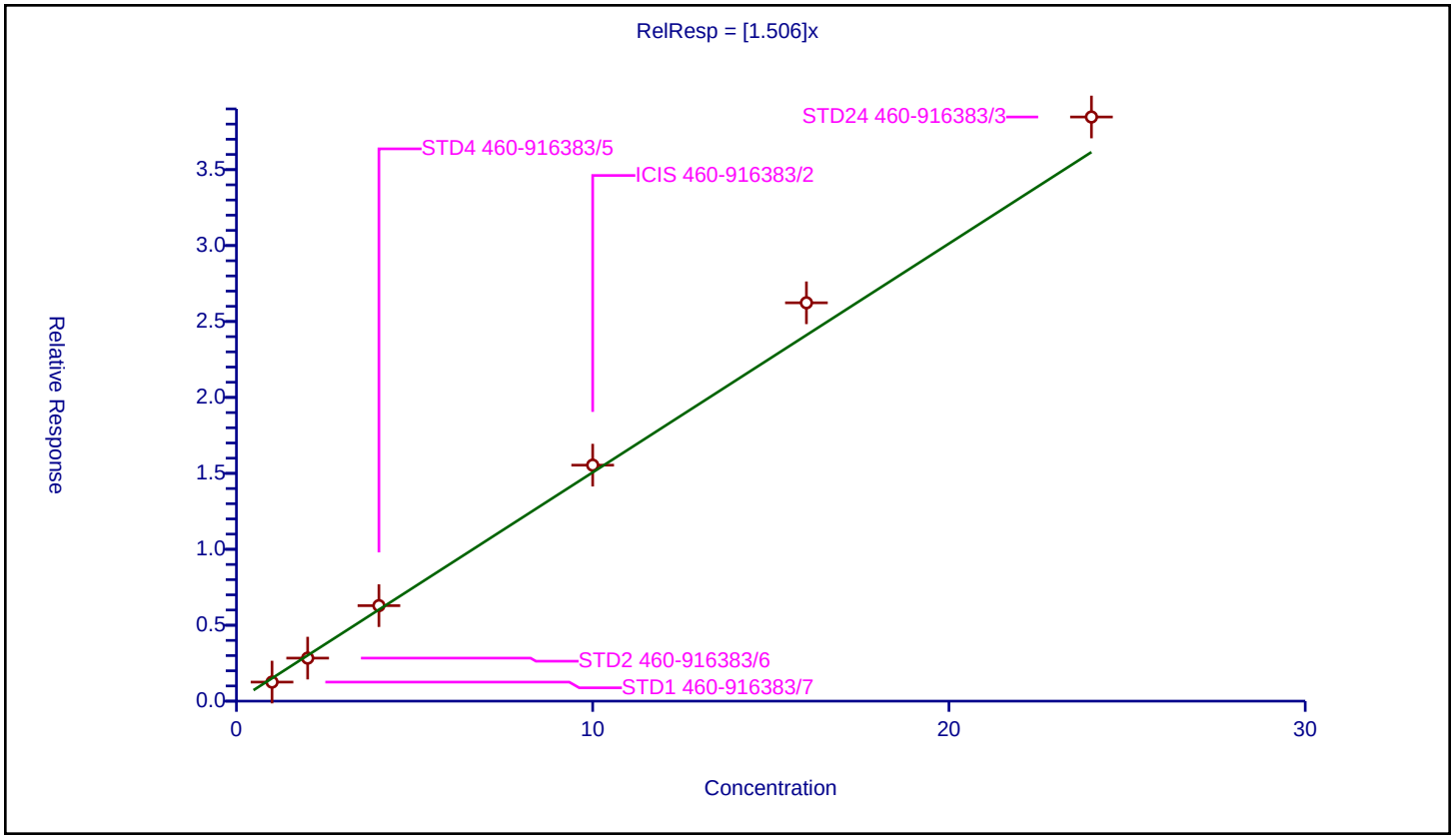
Curve Coefficients

Intercept:	0
Slope:	1.506

Error Coefficients

Standard Error:	930000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.254128	8.0	353157.0	1.254128	Y
2	STD2 460-916383/6	2.0	2.832657	8.0	333996.0	1.416328	Y
3	STD4 460-916383/5	4.0	6.287655	8.0	335722.0	1.571914	Y
4	ICIS 460-916383/2	10.0	15.540197	8.0	364243.0	1.55402	Y
5	STD16 460-916383/4	16.0	26.231223	8.0	336221.0	1.639451	Y
6	STD24 460-916383/3	24.0	38.46745	8.0	330461.0	1.60281	Y



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Calibration / Benzo[b]fluoranthene

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

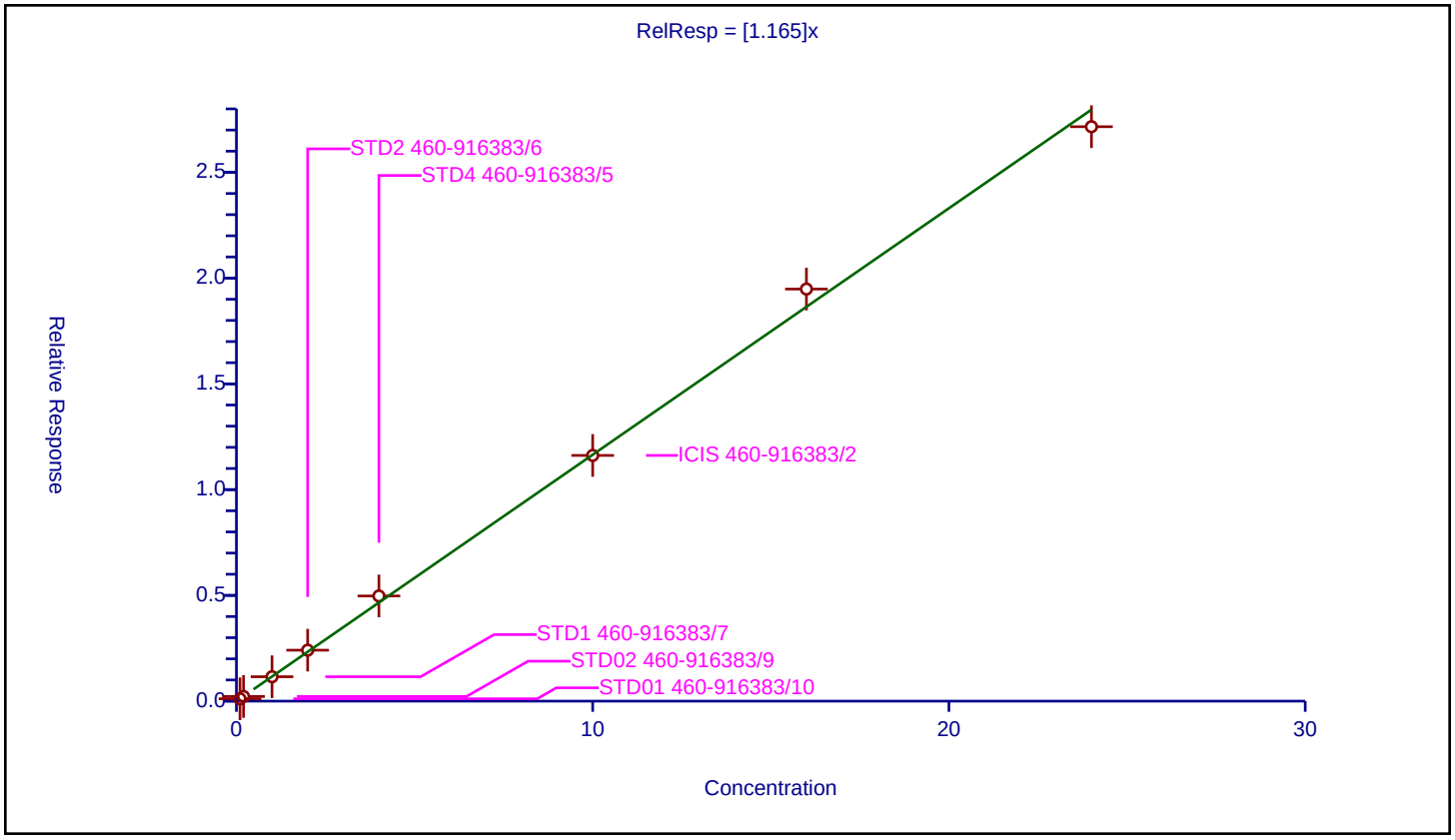
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Standard Error:	569000
Relative Standard Error:	4.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.111075	8.0	328860.0	1.110746	Y
2	STD02 460-916383/9	0.2	0.219446	8.0	353873.0	1.09723	Y
3	STD1 460-916383/7	1.0	1.154501	8.0	353157.0	1.154501	Y
4	STD2 460-916383/6	2.0	2.408963	8.0	333996.0	1.204481	Y
5	STD4 460-916383/5	4.0	4.971828	8.0	335722.0	1.242957	Y
6	ICIS 460-916383/2	10.0	11.617146	8.0	364243.0	1.161715	Y
7	STD16 460-916383/4	16.0	19.483114	8.0	336221.0	1.217695	Y
8	STD24 460-916383/3	24.0	27.157577	8.0	330461.0	1.131566	Y



Calibration / Benzo[k]fluoranthene

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

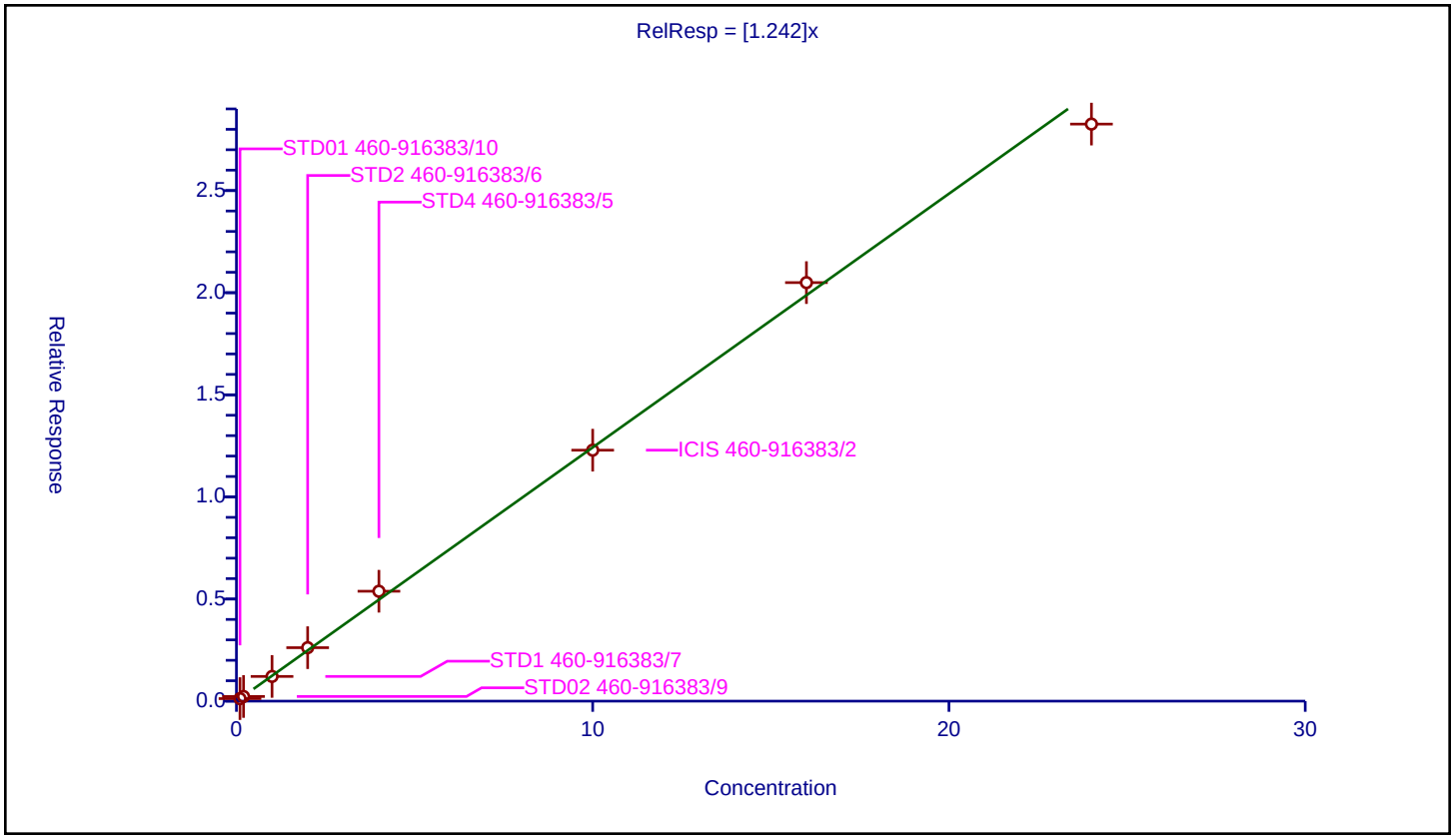
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Standard Error:	596000
Relative Standard Error:	5.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.124697	8.0	328860.0	1.246974	Y
2	STD02 460-916383/9	0.2	0.228104	8.0	353873.0	1.140522	Y
3	STD1 460-916383/7	1.0	1.209185	8.0	353157.0	1.209185	Y
4	STD2 460-916383/6	2.0	2.618451	8.0	333996.0	1.309225	Y
5	STD4 460-916383/5	4.0	5.38131	8.0	335722.0	1.345327	Y
6	ICIS 460-916383/2	10.0	12.288302	8.0	364243.0	1.22883	Y
7	STD16 460-916383/4	16.0	20.494449	8.0	336221.0	1.280903	Y
8	STD24 460-916383/3	24.0	28.256042	8.0	330461.0	1.177335	Y



Calibration / Benzo[a]pyrene

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

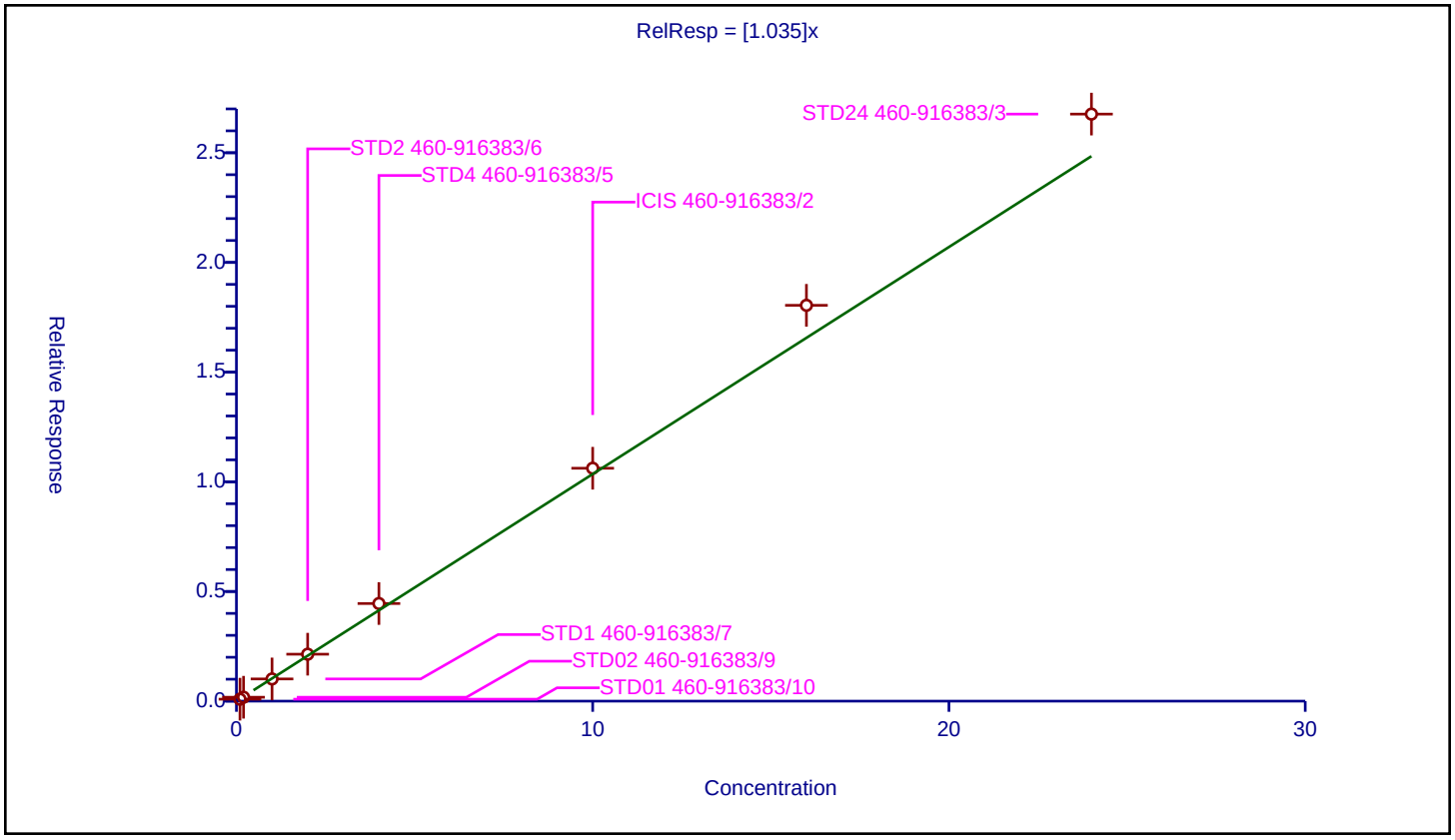
Curve Coefficients

Intercept:	0
Slope:	1.035

Error Coefficients

Standard Error:	545000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.089108	8.0	328860.0	0.891078	Y
2	STD02 460-916383/9	0.2	0.178166	8.0	353873.0	0.890828	Y
3	STD1 460-916383/7	1.0	1.011697	8.0	353157.0	1.011697	Y
4	STD2 460-916383/6	2.0	2.140026	8.0	333996.0	1.070013	Y
5	STD4 460-916383/5	4.0	4.450492	8.0	335722.0	1.112623	Y
6	ICIS 460-916383/2	10.0	10.617967	8.0	364243.0	1.061797	Y
7	STD16 460-916383/4	16.0	18.045488	8.0	336221.0	1.127843	Y
8	STD24 460-916383/3	24.0	26.762638	8.0	330461.0	1.11511	Y



Calibration / Indeno[1,2,3-cd]pyrene

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

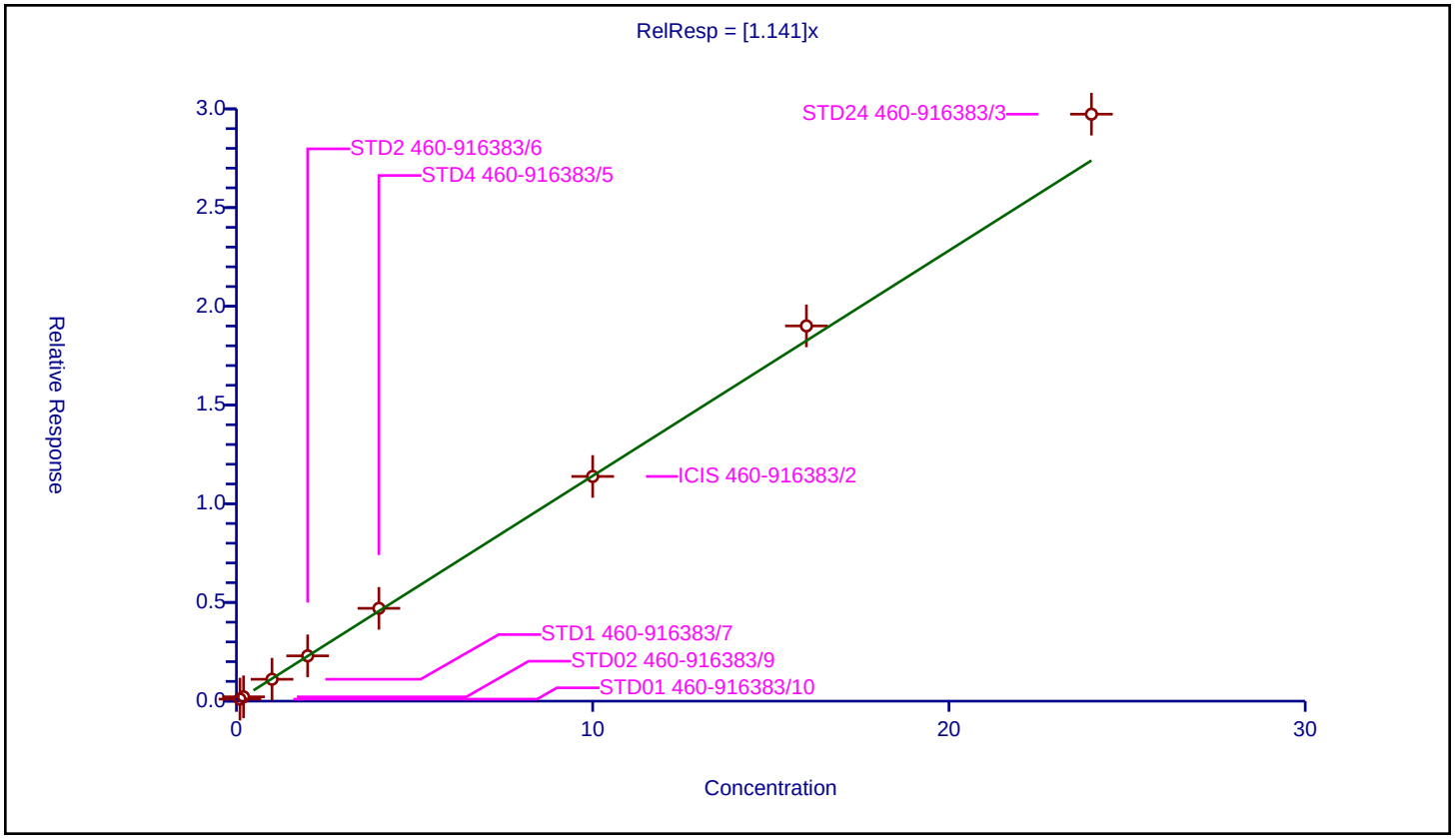
Curve Coefficients

Intercept:	0
Slope:	1.141

Error Coefficients

Standard Error:	593000
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	STD01 460-916383/10	0.1	0.103728	8.0	328860.0	1.03728	Y
2	STD02 460-916383/9	0.2	0.219039	8.0	353873.0	1.095195	Y
3	STD1 460-916383/7	1.0	1.10838	8.0	353157.0	1.10838	Y
4	STD2 460-916383/6	2.0	2.294686	8.0	333996.0	1.147343	Y
5	STD4 460-916383/5	4.0	4.702367	8.0	335722.0	1.175592	Y
6	ICIS 460-916383/2	10.0	11.381611	8.0	364243.0	1.138161	Y
7	STD16 460-916383/4	16.0	19.006689	8.0	336221.0	1.187918	Y
8	STD24 460-916383/3	24.0	29.733372	8.0	330461.0	1.238891	Y



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Calibration / Dibenz(a,h)anthracene

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

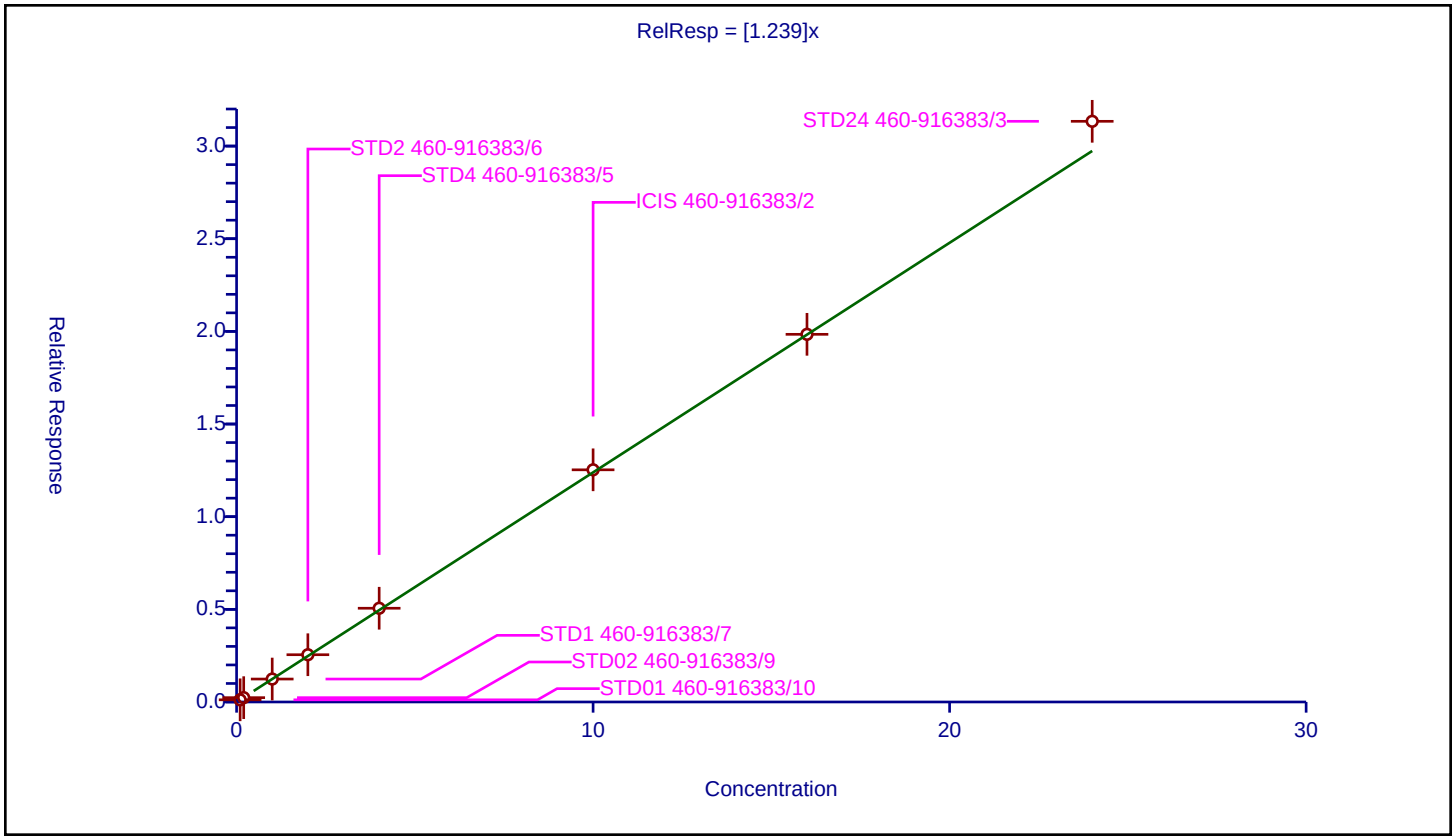
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Standard Error:	627000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-916383/10	0.1	0.116816	8.0	328860.0	1.168157	Y
2	STD02 460-916383/9	0.2	0.233372	8.0	353873.0	1.166859	Y
3	STD1 460-916383/7	1.0	1.23886	8.0	353157.0	1.23886	Y
4	STD2 460-916383/6	2.0	2.550138	8.0	333996.0	1.275069	Y
5	STD4 460-916383/5	4.0	5.058376	8.0	335722.0	1.264594	Y
6	ICIS 460-916383/2	10.0	12.529701	8.0	364243.0	1.25297	Y
7	STD16 460-916383/4	16.0	19.841878	8.0	336221.0	1.240117	Y
8	STD24 460-916383/3	24.0	31.336079	8.0	330461.0	1.30567	Y



Calibration / Benzo[g,h,i]perylene

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

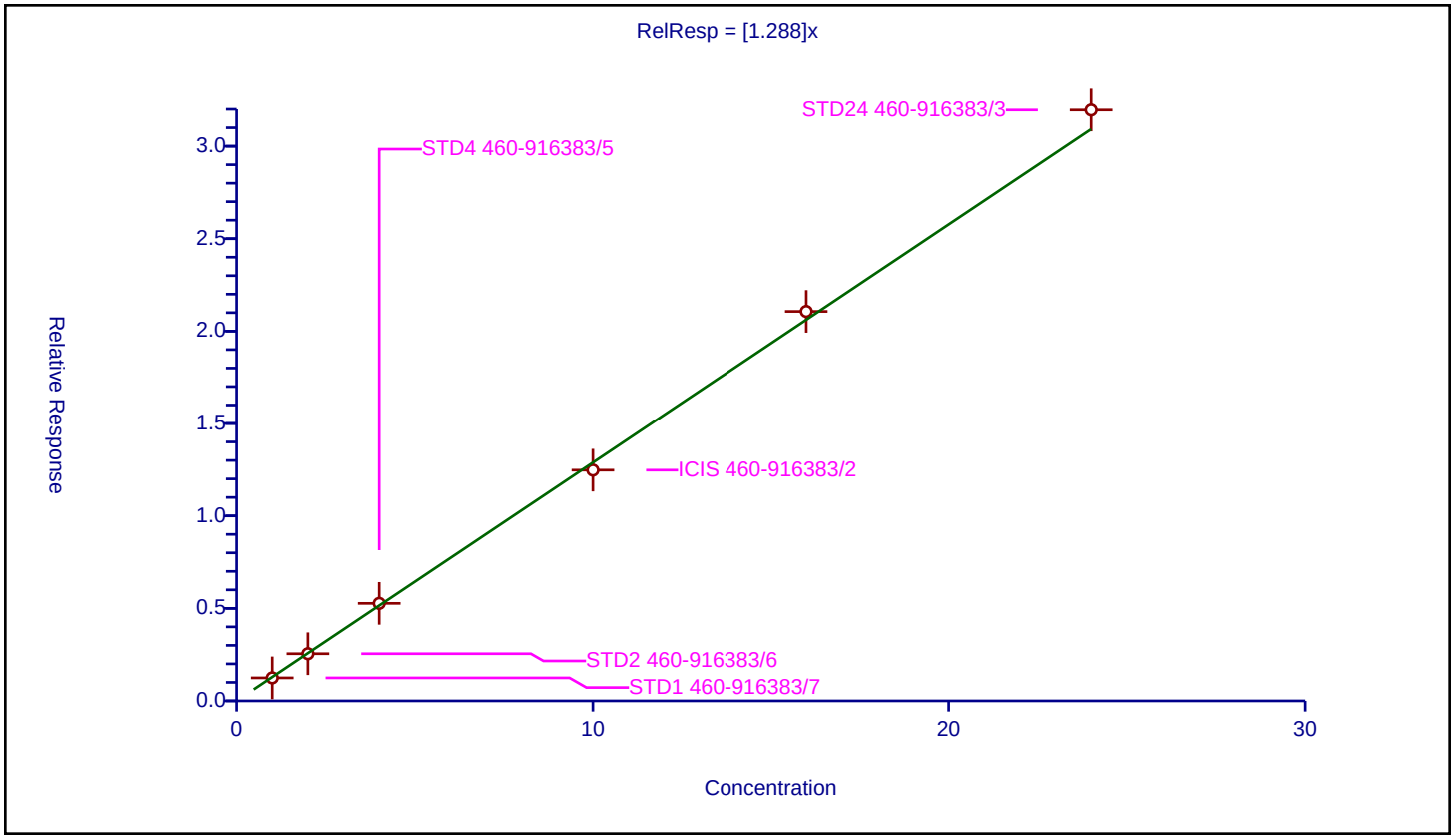
Curve Coefficients

Intercept:	0
Slope:	1.288

Error Coefficients

Standard Error:	763000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-916383/7	1.0	1.242847	8.0	353157.0	1.242847	Y
2	STD2 460-916383/6	2.0	2.548581	8.0	333996.0	1.274291	Y
3	STD4 460-916383/5	4.0	5.270885	8.0	335722.0	1.317721	Y
4	ICIS 460-916383/2	10.0	12.475518	8.0	364243.0	1.247552	Y
5	STD16 460-916383/4	16.0	21.066358	8.0	336221.0	1.316647	Y
6	STD24 460-916383/3	24.0	31.961629	8.0	330461.0	1.331735	Y



7/12/2023
10:47 AM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 460-916383/11 | Calibration Date: 06/20/2023 13:25

Instrument ID: CBNAMS17 | Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/20/2023 12:43

Lab File ID: M20875.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6720	0.5502		8190	10000	-18.1	30.0
N-Nitrosodimethylamine	Ave	0.9059	0.8517		9400	10000	-6.0	30.0
Pyridine	Ave	1.327	1.294		19500	20000	-2.5	30.0
Benzaldehyde	Ave	1.171	1.252	0.0100	4270	4000	6.9	30.0
Phenol	Ave	1.874	1.910	0.8000	10200	10000	1.9	30.0
Aniline	Ave	2.188	2.202		10100	10000	0.7	30.0
Bis(2-chloroethyl)ether	Ave	1.380	1.409	0.7000	10200	10000	2.2	30.0
2-Chlorophenol	Ave	1.474	1.517	0.8000	10300	10000	2.9	30.0
n-Decane	Ave	1.226	1.166		9510	10000	-4.9	30.0
1,3-Dichlorobenzene	Ave	1.625	1.638		10100	10000	0.8	30.0
1,4-Dichlorobenzene	Ave	1.635	1.672		10200	10000	2.2	30.0
Benzyl alcohol	Ave	0.9162	0.9358		10200	10000	2.1	30.0
1,2-Dichlorobenzene	Ave	1.551	1.601	0.0100	10300	10000	3.2	30.0
2-Methylphenol	Ave	1.302	1.347	0.7000	10300	10000	3.4	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.623	1.528	0.0100	9410	10000	-5.9	30.0
N-Methylaniline	Ave	2.022	2.066		10200	10000	2.2	30.0
3 & 4 Methylphenol	Ave	1.459	1.471		10100	10000	0.8	30.0
4-Methylphenol	Ave	1.459	1.471	0.6000	10100	10000	0.8	30.0
Acetophenone	Ave	1.970	1.989	0.0100	10100	10000	1.0	30.0
N-Nitrosodi-n-propylamine	Ave	0.9325	0.9247	0.5000	9920	10000	-0.8	30.0
Hexachloroethane	Ave	0.6240	0.6447	0.3000	10300	10000	3.3	30.0
Nitrobenzene	Ave	0.6628	0.6859	0.2000	10300	10000	3.5	30.0
n,n'-Dimethylaniline	Ave	2.009	1.974		9820	10000	-1.8	30.0
Isophorone	Ave	0.6871	0.6848	0.4000	9970	10000	-0.3	30.0
2-Nitrophenol	Ave	0.1874	0.1973	0.1000	10500	10000	5.3	30.0
2,4-Dimethylphenol	Ave	0.3061	0.3137	0.2000	10200	10000	2.5	30.0
Benzoic acid	Lin1		0.1781		8960	10000	-10.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4558	0.4567	0.3000	10000	10000	0.2	30.0
2,4-Dichlorophenol	Ave	0.3066	0.3219	0.2000	10500	10000	5.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3368	0.3564		10600	10000	5.8	30.0
Naphthalene	Ave	1.124	1.145	0.7000	10200	10000	1.8	30.0
4-Chloroaniline	Ave	0.4569	0.4724	0.0100	10300	10000	3.4	30.0
Hexachlorobutadiene	Ave	0.1720	0.1852	0.0100	10800	10000	7.7	30.0
Caprolactam	Lin2		0.0840	0.0100	4020	4000	0.5	30.0
4-Chloro-3-methylphenol	Ave	0.2966	0.2995	0.2000	10100	10000	1.0	30.0
2-Methylnaphthalene	Ave	0.6755	0.6885	0.4000	10200	10000	1.9	30.0
1-Methylnaphthalene	Ave	0.6274	0.6277		10000	10000	0.0	30.0
Hexachlorocyclopentadiene	Ave	0.4296	0.4772	0.0500	11100	10000	11.1	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6367	0.7020	0.0100	11000	10000	10.3	30.0
2-tertbutyl-4-methylphenol	Ave	0.3632	0.3554		9780	10000	-2.2	30.0
2,4,6-Trichlorophenol	Ave	0.4118	0.4470	0.2000	10900	10000	8.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 460-916383/11 | Calibration Date: 06/20/2023 13:25

Instrument ID: CBNAMS17 | Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/20/2023 12:43

Lab File ID: M20875.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4490	0.4859	0.2000	10800	10000	8.2	30.0
1,1'-Biphenyl	Ave	1.645	1.697	0.0100	10300	10000	3.2	30.0
2-Chloronaphthalene	Ave	1.331	1.373	0.8000	10300	10000	3.1	30.0
Phenyl ether	Ave	0.8481	0.8469		9990	10000	-0.1	30.0
2-Nitroaniline	Ave	0.4155	0.3987	0.0100	9590	10000	-4.1	30.0
1,3-Dimethylnaphthalene	Ave	0.9542	0.9485		9940	10000	-0.6	30.0
Dimethyl phthalate	Ave	1.407	1.448	0.0100	10300	10000	2.9	30.0
Coumarin	Ave	0.2337	0.2215		9480	10000	-5.2	30.0
2,6-Dinitrotoluene	Ave	0.2897	0.3262	0.2000	11300	10000	12.6	30.0
Acenaphthylene	Ave	2.125	2.135	0.9000	10000	10000	0.5	30.0
3-Nitroaniline	Ave	0.3584	0.3760	0.0100	10500	10000	4.9	30.0
Acenaphthene	Ave	1.165	1.217	0.9000	10400	10000	4.4	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8654	0.8889		10300	10000	2.7	30.0
2,4-Dinitrophenol	Ave	0.1610	0.1828	0.0100	22700	20000	13.5	30.0
4-Nitrophenol	Ave	0.2331	0.2262	0.0100	19400	20000	-2.9	30.0
2,4-Dinitrotoluene	Ave	0.3698	0.4243	0.2000	11500	10000	14.7	30.0
Dibenzofuran	Ave	1.783	1.844	0.8000	10300	10000	3.4	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3304	0.3684	0.0100	11100	10000	11.5	30.0
Diethyl phthalate	Ave	1.406	1.452	0.0100	10300	10000	3.3	30.0
n-Octadecane	Ave	0.4916	0.4615		9390	10000	-6.1	30.0
Fluorene	Ave	1.382	1.430	0.9000	10400	10000	3.5	30.0
4-Chlorophenyl phenyl ether	Ave	0.6181	0.6588	0.4000	10700	10000	6.6	30.0
4-Nitroaniline	Ave	0.3535	0.3713	0.0100	10500	10000	5.0	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1155	0.1350	0.0100	23400	20000	16.8	30.0
N-Nitrosodiphenylamine	Ave	0.5543	0.5816	0.0100	10500	10000	4.9	30.0
1,2-Diphenylhydrazine	Ave	0.8562	0.8329		9730	10000	-2.7	30.0
Azobenzene	Ave	0.8574	0.8329		9720	10000	-2.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2094	0.2055	0.1000	9810	10000	-1.9	30.0
Hexachlorobenzene	Ave	0.2774	0.3045	0.1000	11000	10000	9.8	30.0
Atrazine	Ave	0.1739	0.1959	0.0100	4510	4000	12.6	30.0
Pentachlorophenol	Ave	0.1599	0.1811	0.0500	22600	20000	13.2	30.0
Pentachloronitrobenzene	Ave	0.0864	0.0879	0.0100	10200	10000	1.6	30.0
Phenanthrene	Ave	1.098	1.147	0.7000	10400	10000	4.5	30.0
Anthracene	Ave	1.127	1.178	0.7000	10500	10000	4.6	30.0
Carbazole	Ave	1.030	1.062	0.0100	10300	10000	3.1	30.0
Di-n-butyl phthalate	Ave	1.274	1.329	0.0100	10400	10000	4.3	30.0
Fluoranthene	Ave	1.083	1.185	0.6000	10900	10000	9.4	30.0
Benzidine	Ave	0.6427	0.6823		10600	10000	6.2	30.0
Pyrene	Ave	1.413	1.488	0.6000	10500	10000	5.3	30.0
Bisphenol-A	Ave	0.4783	0.5171		10800	10000	8.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 460-916383/11 Calibration Date: 06/20/2023 13:25

Instrument ID: CBNAMS17 Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2023 12:43

Lab File ID: M20875.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.6393	0.6777	0.0100	10600	10000	6.0	30.0
Carbamazepine	Ave	0.4584	0.4375		9540	10000	-4.6	30.0
3,3'-Dichlorobenzidine	Ave	0.4910	0.5341	0.0100	10900	10000	8.8	30.0
Benzo[a]anthracene	Ave	1.287	1.356	0.8000	10500	10000	5.3	30.0
Chrysene	Ave	1.207	1.307	0.7000	10800	10000	8.3	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9309	0.999	0.0100	10700	10000	7.3	30.0
Di-n-octyl phthalate	Ave	1.506	1.581	0.0100	10500	10000	4.9	30.0
Benzo[b]fluoranthene	Ave	1.165	1.289		11100	10000	10.6	30.0
Benzo[k]fluoranthene	Ave	1.242	1.326	0.7000	10700	10000	6.7	30.0
Benzo[a]pyrene	Ave	1.035	1.213	0.7000	11700	10000	17.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.141	1.297	0.5000	11400	10000	13.7	30.0
Dibenz(a,h)anthracene	Ave	1.239	1.401	0.4000	11300	10000	13.1	30.0
Benzo[g,h,i]perylene	Ave	1.288	1.409	0.5000	10900	10000	9.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20875.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Jun-2023 13:25:30 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-011
Operator ID: Instrument ID: CBNAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 15:03:00 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 15:05:13

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.705	1.698	0.007	90	92424	10.0	8.19	
2	N-Nitrosodimethylamine	74	1.902	1.896	0.006	98	143056	10.0	9.40	
3	Pyridine	79	1.941	1.941	0.000	98	434846	20.0	19.5	
5	Benzaldehyde	77	3.811	3.806	0.005	97	84101	4.00	4.27	
7	Phenol	94	3.881	3.876	0.005	95	320781	10.0	10.2	
8	Aniline	93	3.913	3.911	0.002	98	369958	10.0	10.1	
9	Bis(2-chloroethyl)ether	93	3.977	3.972	0.005	97	236737	10.0	10.2	
10	Benzonitrile	103	3.993	3.988	0.005	98	447419	NC	NC	
11	2-Chlorophenol	128	4.028	4.023	0.005	98	254899	10.0	10.3	
13	n-Decane	43	4.086	4.080	0.006	89	195820	10.0	9.51	
14	1,3-Dichlorobenzene	146	4.178	4.176	0.002	96	275215	10.0	10.1	
* 15	1,4-Dichlorobenzene-d4	152	4.236	4.230	0.006	96	134379	8.00	8.00	
16	1,4-Dichlorobenzene	146	4.252	4.250	0.002	95	280840	10.0	10.2	
17	Benzyl alcohol	108	4.367	4.361	0.006	95	157182	10.0	10.2	
19	1,2-Dichlorobenzene	146	4.396	4.393	0.003	97	268910	10.0	10.3	
20	2-Methylphenol	108	4.472	4.470	0.002	90	226184	10.0	10.3	
21	2,2'-oxybis[1-chloropropane]	45	4.507	4.502	0.005	95	256623	10.0	9.41	
24	N-Methylaniline	106	4.616	4.614	0.002	95	347071	10.0	10.2	a
26	Acetophenone	105	4.626	4.620	0.006	93	334093	10.0	10.1	
22	4-Methylphenol	108	4.626	4.620	0.006	76	247060	10.0	10.1	
23	3 & 4 Methylphenol	108	4.626	4.620	0.006	0	247060	10.0	10.1	
25	N-Nitrosodi-n-propylamine	70	4.629	4.623	0.006	80	155319	10.0	9.92	
27	Hexachloroethane	117	4.725	4.722	0.003	97	108285	10.0	10.3	
29	Nitrobenzene	123	4.789	4.783	0.005	99	115215	10.0	10.3	
30	n,n'-Dimethylaniline	120	4.792	4.789	0.003	93	331534	10.0	9.82	
31	Isophorone	82	5.022	5.019	0.003	99	410794	10.0	9.97	
32	2-Nitrophenol	139	5.095	5.093	0.002	96	118371	10.0	10.5	
33	2,4-Dimethylphenol	122	5.143	5.141	0.002	92	188172	10.0	10.2	
34	Benzoic acid	122	5.226	5.201	0.025	88	106860	10.0	8.96	
35	Bis(2-chloroethoxy)methane	93	5.239	5.237	0.002	97	273996	10.0	10.0	
36	2,4-Dichlorophenol	162	5.328	5.326	0.002	98	193139	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.411	5.409	0.002	94	213796	10.0	10.6	
* 38 Naphthalene-d8	136	5.466	5.463	0.003	99	479924	8.00	8.00	
39 Naphthalene	128	5.485	5.483	0.002	99	686690	10.0	10.2	
40 4-Chloroaniline	127	5.542	5.540	0.002	98	283402	10.0	10.3	
41 2,6-Dichlorophenol	162	5.546	5.547	-0.001	97	189022	10.0	10.4	
42 Hexachlorobutadiene	225	5.610	5.610	0.000	96	111106	10.0	10.8	
44 Caprolactam	113	5.865	5.860	0.005	92	20152	4.00	4.02	
45 4-Chloro-3-methylphenol	107	6.012	6.010	0.002	95	179693	10.0	10.1	
46 2-Methylnaphthalene	142	6.152	6.153	-0.001	84	413047	10.0	10.2	
47 1-Methylnaphthalene	142	6.248	6.246	0.002	92	376567	10.0	10.0	
48 Hexachlorocyclopentadiene	237	6.306	6.307	-0.001	97	131756	10.0	11.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.315	6.313	0.002	98	193813	10.0	11.0	
50 2-tertbutyl-4-methylphenol	149	6.354	6.355	-0.001	91	213204	10.0	9.78	
51 2,4,6-Trichlorophenol	196	6.424	6.425	-0.001	91	123409	10.0	10.9	
52 2,4,5-Trichlorophenol	196	6.456	6.454	0.002	98	134137	10.0	10.8	
54 1,1'-Biphenyl	154	6.603	6.604	-0.001	96	468634	10.0	10.3	
55 2-Chloronaphthalene	162	6.619	6.617	0.002	98	379078	10.0	10.3	
56 Phenyl ether	170	6.708	6.706	0.002	87	233817	10.0	9.99	
57 2-Nitroaniline	65	6.718	6.716	0.002	97	110065	10.0	9.59	
58 1,3-Dimethylnaphthalene	156	6.830	6.831	-0.001	91	261860	10.0	9.94	
59 Dimethyl phthalate	163	6.903	6.901	0.002	99	399895	10.0	10.3	
60 Coumarin	146	6.913	6.911	0.002	82	132862	10.0	9.48	
61 2,6-Dinitrotoluene	165	6.954	6.952	0.002	96	90067	10.0	11.3	
62 Acenaphthylene	152	7.012	7.010	0.002	97	589393	10.0	10.0	
63 3-Nitroaniline	138	7.108	7.106	0.002	97	103802	10.0	10.5	
* 64 Acenaphthene-d10	164	7.146	7.147	-0.001	96	220868	8.00	8.00	
66 Acenaphthene	154	7.178	7.179	-0.001	96	335912	10.0	10.4	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.181	7.182	-0.001	97	245408	10.0	10.3	
67 2,4-Dinitrophenol	184	7.210	7.208	0.002	97	100911	20.0	22.7	
68 4-Nitrophenol	65	7.274	7.269	0.005	87	124920	20.0	19.4	
69 2,4-Dinitrotoluene	165	7.335	7.333	0.002	96	117142	10.0	11.5	
70 Dibenzofuran	168	7.344	7.342	0.002	97	509155	10.0	10.3	
71 2,3,4,6-Tetrachlorophenol	232	7.459	7.460	-0.001	95	101716	10.0	11.1	
72 Diethyl phthalate	149	7.581	7.579	0.002	98	400946	10.0	10.3	
73 n-Octadecane	57	7.606	7.607	-0.001	90	217720	10.0	9.39	
74 Fluorene	166	7.670	7.668	0.002	95	394859	10.0	10.4	
75 4-Chlorophenyl phenyl ether	204	7.677	7.678	-0.001	91	181894	10.0	10.7	
76 4-Nitroaniline	138	7.690	7.684	0.006	90	102499	10.0	10.5	
77 4,6-Dinitro-2-methylphenol	198	7.718	7.716	0.002	90	127364	20.0	23.4	
78 N-Nitrosodiphenylamine	169	7.789	7.786	0.003	70	274353	10.0	10.5	
79 1,2-Diphenylhydrazine	77	7.827	7.825	0.002	50	392925	10.0	9.73	
131 Azobenzene	77	7.827	7.825	0.002	96	392925	10.0	9.72	
83 4-Bromophenyl phenyl ether	248	8.140	8.141	-0.001	93	96935	10.0	9.81	
84 Hexachlorobenzene	284	8.188	8.189	-0.001	97	143632	10.0	11.0	
85 Atrazine	200	8.306	8.304	0.002	93	36959	4.00	4.51	
86 Pentachlorophenol	266	8.377	8.378	-0.001	95	170823	20.0	22.6	
87 Pentachloronitrobenzene	237	8.393	8.390	0.003	90	41443	10.0	10.2	
* 88 Phenanthrene-d10	188	8.556	8.557	-0.001	99	377389	8.00	8.00	
89 Phenanthrene	178	8.578	8.579	-0.001	98	541188	10.0	10.4	
90 Anthracene	178	8.626	8.627	-0.001	98	555906	10.0	10.5	
91 Carbazole	167	8.783	8.784	-0.001	96	501021	10.0	10.3	
92 Di-n-butyl phthalate	149	9.140	9.138	0.002	99	626964	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.706	9.704	0.002	97	559071	10.0	10.9	
94 Benzidine	184	9.843	9.841	0.002	100	321866	10.0	10.6	
95 Pyrene	202	9.917	9.918	-0.001	96	578884	10.0	10.5	
96 Bisphenol-A	213	9.980	9.982	-0.002	98	201175	10.0	10.8	
98 Butyl benzyl phthalate	149	10.594	10.592	0.002	96	263649	10.0	10.6	
100 Carbamazepine	193	10.690	10.685	0.005	93	170209	10.0	9.54	
101 3,3'-Dichlorobenzidine	252	11.173	11.171	0.002	99	207751	10.0	10.9	
102 Benzo[a]anthracene	228	11.185	11.184	0.001	100	527438	10.0	10.5	
* 103 Chrysene-d12	240	11.198	11.197	0.001	98	311208	8.00	8.00	
104 Chrysene	228	11.230	11.229	0.001	97	508494	10.0	10.8	
105 Bis(2-ethylhexyl) phthalate	149	11.285	11.283	0.002	84	388607	10.0	10.7	
106 Di-n-octyl phthalate	149	12.154	12.153	0.001	95	671291	10.0	10.5	
107 Benzo[b]fluoranthene	252	12.598	12.594	0.004	99	547431	10.0	11.1	
108 Benzo[k]fluoranthene	252	12.637	12.633	0.004	98	563200	10.0	10.7	
109 Benzo[a]pyrene	252	13.053	13.049	0.004	96	515119	10.0	11.7	
* 110 Perylene-d12	264	13.133	13.132	0.001	97	339758	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.697	14.690	0.007	97	551031	10.0	11.4	
112 Dibenz(a,h)anthracene	278	14.745	14.742	0.003	96	595117	10.0	11.3	
113 Benzo[g,h,i]perylene	276	15.129	15.120	0.009	94	598320	10.0	10.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

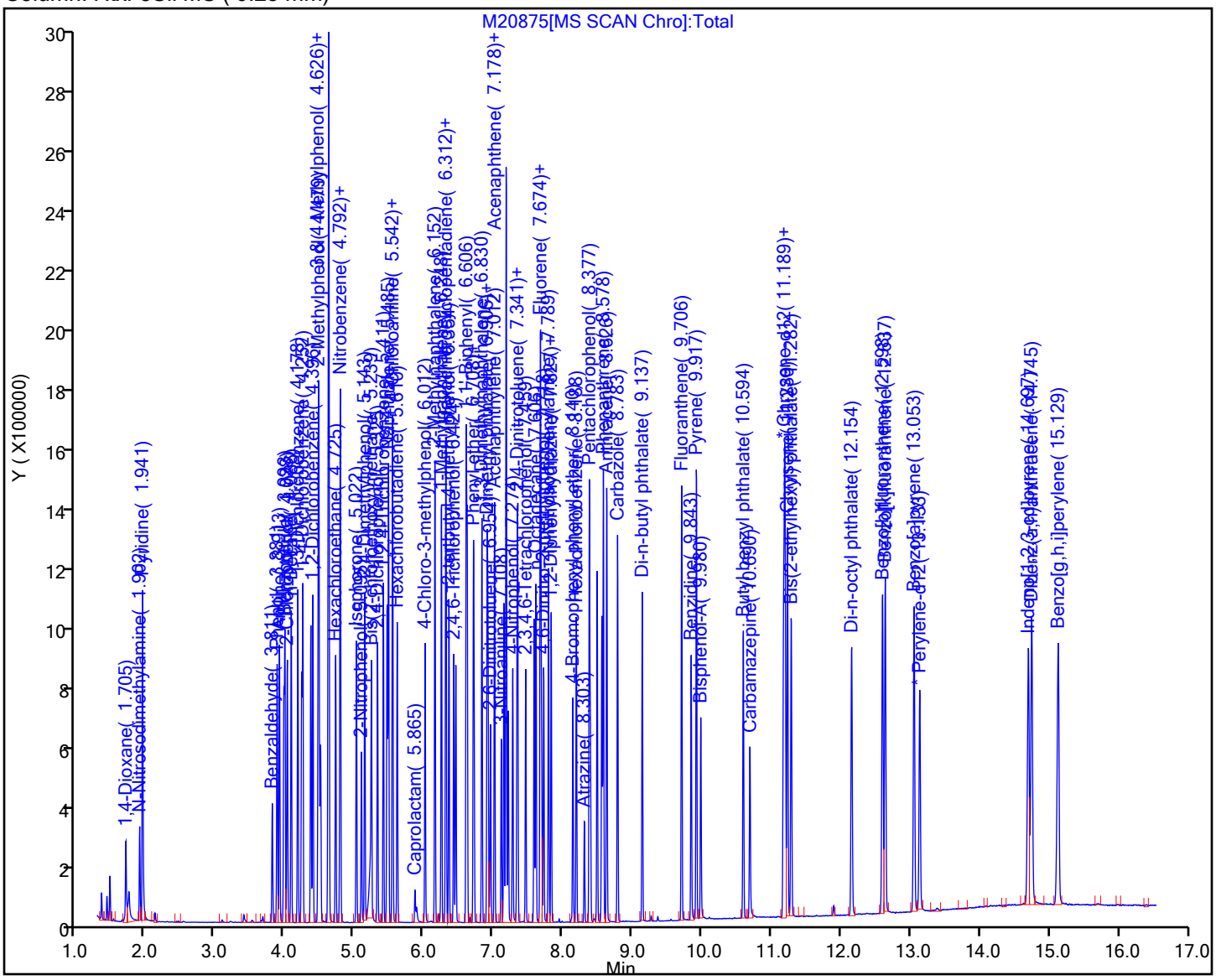
Reagents:

SV_ICV_ LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 20-Jun-2023 15:05:16 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20875.D
Injection Date: 20-Jun-2023 13:25:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

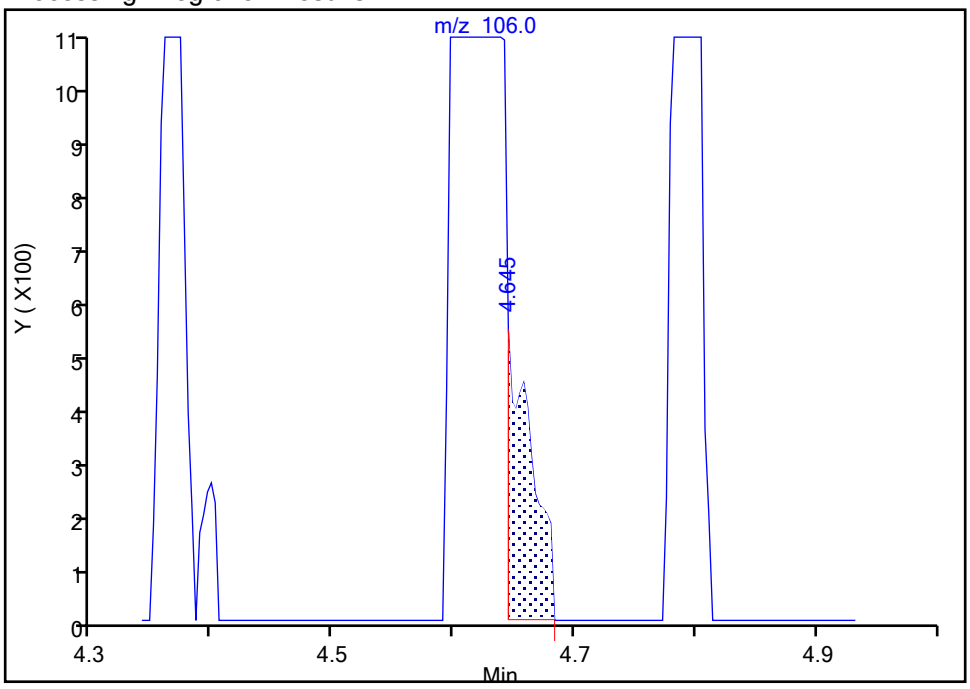
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20875.D
Injection Date: 20-Jun-2023 13:25:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Methylaniline, CAS: 100-61-8

Signal: 1

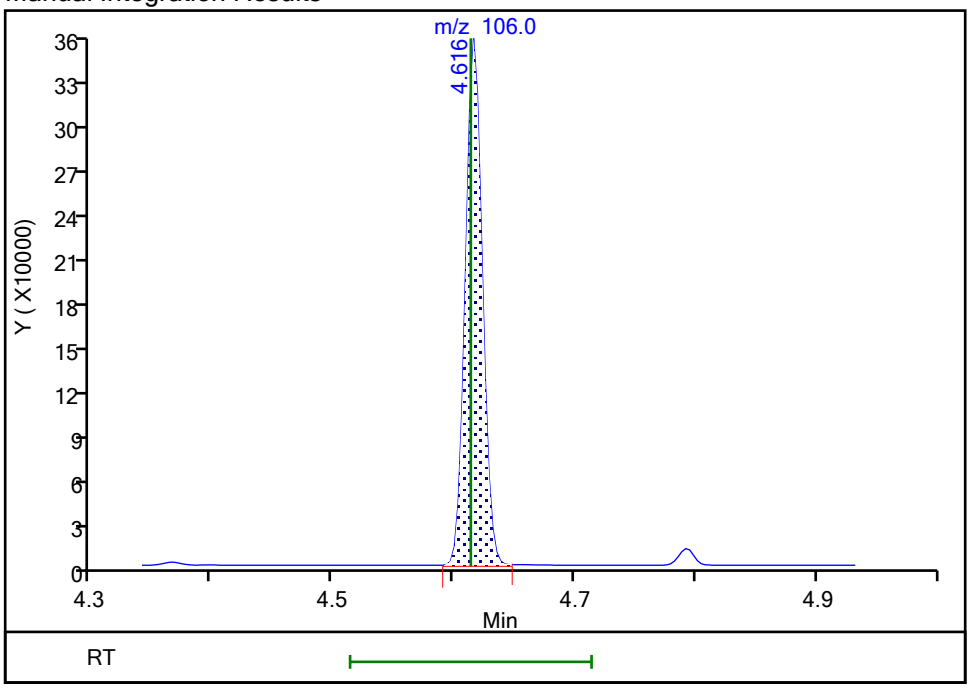
Processing Integration Results

RT: 4.64
Area: 718
Amount: 0
Amount Units: ug/ml



Manual Integration Results

RT: 4.62
Area: 347071
Amount: 10.220976
Amount Units: ug/ml



Reviewer: G4KC, 20-Jun-2023 14:34:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 460-917328/2 Calibration Date: 06/23/2023 19:51

Instrument ID: CBNAMS17 Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/20/2023 12:43

Lab File ID: M21025.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6720	0.5756		8570	10000	-14.3	20.0
N-Nitrosodimethylamine	Ave	0.9059	0.9381		10400	10000	3.6	20.0
Pyridine	Ave	1.327	1.508		22700	20000	13.6	20.0
Benzaldehyde	Ave	1.171	0.5243	0.0100	1790	4000	-55.2*	20.0
Phenol	Ave	1.874	1.959	0.8000	10500	10000	4.5	20.0
Aniline	Ave	2.188	2.178		9960	10000	-0.4	20.0
Bis(2-chloroethyl)ether	Ave	1.380	1.410	0.7000	10200	10000	2.2	20.0
2-Chlorophenol	Ave	1.474	1.421	0.8000	9640	10000	-3.6	20.0
n-Decane	Ave	1.226	1.292		10500	10000	5.4	20.0
1,3-Dichlorobenzene	Ave	1.625	1.549		9530	10000	-4.7	20.0
1,4-Dichlorobenzene	Ave	1.635	1.564		9560	10000	-4.4	20.0
Benzyl alcohol	Ave	0.9162	0.9093		9920	10000	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.551	1.503	0.0100	9700	10000	-3.0	20.0
2-Methylphenol	Ave	1.302	1.270	0.7000	9750	10000	-2.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.623	1.773	0.0100	10900	10000	9.2	20.0
N-Methylaniline	Ave	2.022	2.179		10800	10000	7.8	20.0
Acetophenone	Ave	1.970	1.974	0.0100	10000	10000	0.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.9325	1.006	0.5000	10800	10000	7.9	20.0
3 & 4 Methylphenol	Ave	1.459	1.354		9280	10000	-7.2	20.0
4-Methylphenol	Ave	1.459	1.352	0.6000	9270	10000	-7.3	20.0
Hexachloroethane	Ave	0.6240	0.6546	0.3000	10500	10000	4.9	20.0
Nitrobenzene	Ave	0.6628	0.6854	0.2000	10300	10000	3.4	20.0
n,n'-Dimethylaniline	Ave	2.009	2.074		10300	10000	3.3	20.0
Isophorone	Ave	0.6871	0.7148	0.4000	10400	10000	4.0	20.0
2-Nitrophenol	Ave	0.1874	0.1939	0.1000	10300	10000	3.5	20.0
2,4-Dimethylphenol	Ave	0.3061	0.2917	0.2000	9530	10000	-4.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4558	0.4662	0.3000	10200	10000	2.3	20.0
Benzoic acid	Lin1		0.2124		10600	10000	5.8	20.0
2,4-Dichlorophenol	Ave	0.3066	0.2927	0.2000	9550	10000	-4.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3368	0.3158		9380	10000	-6.2	20.0
Naphthalene	Ave	1.124	1.080	0.7000	9610	10000	-3.9	20.0
4-Chloroaniline	Ave	0.4569	0.4415	0.0100	9660	10000	-3.4	20.0
Hexachlorobutadiene	Ave	0.1720	0.1655	0.0100	9620	10000	-3.8	20.0
Caprolactam	Lin2		0.0776	0.0100	3730	4000	-6.9	20.0
4-Chloro-3-methylphenol	Ave	0.2966	0.2896	0.2000	9760	10000	-2.4	20.0
2-Methylnaphthalene	Ave	0.6755	0.6511	0.4000	9640	10000	-3.6	20.0
1-Methylnaphthalene	Ave	0.6274	0.5896		9400	10000	-6.0	20.0
Hexachlorocyclopentadiene	Ave	0.4296	0.4180	0.0500	9730	10000	-2.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6367	0.6115	0.0100	9600	10000	-4.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.3632	0.3648		10000	10000	0.4	20.0
2,4,6-Trichlorophenol	Ave	0.4118	0.3961	0.2000	9620	10000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 460-917328/2 | Calibration Date: 06/23/2023 19:51

Instrument ID: CBNAMS17 | Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/20/2023 12:43

Lab File ID: M21025.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4490	0.4297	0.2000	9570	10000	-4.3	20.0
1,1'-Biphenyl	Ave	1.645	1.616	0.0100	9820	10000	-1.8	20.0
2-Chloronaphthalene	Ave	1.331	1.285	0.8000	9650	10000	-3.5	20.0
Phenyl ether	Ave	0.8481	0.8632		10200	10000	1.8	20.0
2-Nitroaniline	Ave	0.4155	0.4591	0.0100	11000	10000	10.5	20.0
1,3-Dimethylnaphthalene	Ave	0.9542	0.9435		9890	10000	-1.1	20.0
Dimethyl phthalate	Ave	1.407	1.329	0.0100	9440	10000	-5.6	20.0
Coumarin	Ave	0.2337	0.2180		9330	10000	-6.7	20.0
2,6-Dinitrotoluene	Ave	0.2897	0.2947	0.2000	10200	10000	1.7	20.0
Acenaphthylene	Ave	2.125	2.071	0.9000	9750	10000	-2.5	20.0
3-Nitroaniline	Ave	0.3584	0.3555	0.0100	9920	10000	-0.8	20.0
Acenaphthene	Ave	1.165	1.142	0.9000	9800	10000	-2.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8654	0.8768		10100	10000	1.3	20.0
2,4-Dinitrophenol	Ave	0.1610	0.1555	0.0100	19300	20000	-3.4	20.0
4-Nitrophenol	Ave	0.2331	0.2391	0.0100	20500	20000	2.6	20.0
2,4-Dinitrotoluene	Ave	0.3698	0.3891	0.2000	10500	10000	5.2	20.0
Dibenzofuran	Ave	1.783	1.660	0.8000	9310	10000	-6.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3304	0.3106	0.0100	9400	10000	-6.0	20.0
Diethyl phthalate	Ave	1.406	1.332	0.0100	9470	10000	-5.3	20.0
n-Octadecane	Ave	0.4916	0.6124		12500	10000	24.6*	20.0
Fluorene	Ave	1.382	1.308	0.9000	9470	10000	-5.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6181	0.5682	0.4000	9190	10000	-8.1	20.0
4-Nitroaniline	Ave	0.3535	0.3229	0.0100	9130	10000	-8.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1155	0.1245	0.0100	21500	20000	7.7	20.0
N-Nitrosodiphenylamine	Ave	0.5543	0.5639	0.0100	10200	10000	1.7	20.0
1,2-Diphenylhydrazine	Ave	0.8562	0.9701		11300	10000	13.3	20.0
Azobenzene	Ave	0.8574	0.9711		11300	10000	13.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2094	0.2132	0.1000	10200	10000	1.8	20.0
Hexachlorobenzene	Ave	0.2774	0.2675	0.1000	9640	10000	-3.6	20.0
Atrazine	Ave	0.1739	0.1764	0.0100	4060	4000	1.4	20.0
Pentachlorophenol	Ave	0.1599	0.1552	0.0500	19400	20000	-2.9	20.0
Pentachloronitrobenzene	Ave	0.0864	0.0927	0.0100	10700	10000	7.2	20.0
Phenanthrene	Ave	1.098	1.078	0.7000	9820	10000	-1.8	20.0
Anthracene	Ave	1.127	1.116	0.7000	9900	10000	-1.0	20.0
Carbazole	Ave	1.030	1.002	0.0100	9730	10000	-2.7	20.0
Di-n-butyl phthalate	Ave	1.274	1.310	0.0100	10300	10000	2.9	20.0
Fluoranthene	Ave	1.083	1.003	0.6000	9260	10000	-7.4	20.0
Benzidine	Ave	0.6427	0.4187		6510	10000	-34.9*	20.0
Pyrene	Ave	1.413	1.540	0.6000	10900	10000	9.0	20.0
Bisphenol-A	Ave	0.4783	0.5702		11900	10000	19.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 460-917328/2 | Calibration Date: 06/23/2023 19:51

Instrument ID: CBNAMS17 | Calib Start Date: 06/20/2023 06:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/20/2023 12:43

Lab File ID: M21025.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.6393	0.7331	0.0100	11500	10000	14.7	20.0
2,3,7,8-TCDD	Ave	0.2450	0.2093		85.4	100	-14.6	20.0
Carbamazepine	Ave	0.4584	0.5075		11100	10000	10.7	20.0
3,3'-Dichlorobenzidine	Ave	0.4910	0.4748	0.0100	9670	10000	-3.3	20.0
Benzo[a]anthracene	Ave	1.287	1.256	0.8000	9760	10000	-2.4	20.0
Chrysene	Ave	1.207	1.146	0.7000	9490	10000	-5.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9309	1.061	0.0100	11400	10000	13.9	20.0
Di-n-octyl phthalate	Ave	1.506	1.629	0.0100	10800	10000	8.1	20.0
Benzo[b]fluoranthene	Ave	1.165	1.098		9430	10000	-5.7	20.0
Benzo[k]fluoranthene	Ave	1.242	1.193	0.7000	9600	10000	-4.0	20.0
Benzo[a]pyrene	Ave	1.035	1.038	0.7000	10000	10000	0.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.141	1.265	0.5000	11100	10000	10.8	20.0
Dibenz(a,h)anthracene	Ave	1.239	1.337	0.4000	10800	10000	7.9	20.0
Benzo[g,h,i]perylene	Ave	1.288	1.429	0.5000	11100	10000	10.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3812	0.4057		10600	10000	6.4	20.0
2-Fluorobiphenyl	Ave	1.448	1.464		10100	10000	1.1	20.0
Terphenyl-d14 (Surr)	Ave	1.005	1.071		10700	10000	6.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21025.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2023 19:51:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: maheseep Date: 26-Jun-2023 10:24:03

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.692	1.692	0.000	92	111106	10.0	8.57	
	2 N-Nitrosodimethylamine	74	1.893	1.893	0.000	97	181068	10.0	10.4	
	3 Pyridine	79	1.931	1.931	0.000	96	582114	20.0	22.7	
$	4 2-Fluorophenol	112	2.988	2.988	0.000	97	266182	10.0	9.85	
	5 Benzaldehyde	77	3.808	3.808	0.000	97	40481	4.00	1.79	
$	6 Phenol-d5	99	3.894	3.894	0.000	0	336789	10.0	10.2	
	7 Phenol	94	3.907	3.907	0.000	96	378145	10.0	10.5	
	8 Aniline	93	3.917	3.917	0.000	98	420413	10.0	9.96	
	9 Bis(2-chloroethyl)ether	93	3.977	3.977	0.000	95	272237	10.0	10.2	
	10 Benzonitrile	103	3.990	3.990	0.000	99	533293	NC	NC	
	11 2-Chlorophenol	128	4.035	4.035	0.000	96	274317	10.0	9.64	
	13 n-Decane	43	4.083	4.083	0.000	90	249378	10.0	10.5	
	14 1,3-Dichlorobenzene	146	4.178	4.178	0.000	95	298923	10.0	9.53	
*	15 1,4-Dichlorobenzene-d4	152	4.233	4.233	0.000	96	154415	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.252	4.252	0.000	94	301891	10.0	9.56	
	17 Benzyl alcohol	108	4.373	4.373	0.000	93	175512	10.0	9.92	
	19 1,2-Dichlorobenzene	146	4.396	4.396	0.000	96	290185	10.0	9.70	
	20 2-Methylphenol	108	4.492	4.492	0.000	89	245118	10.0	9.75	
	21 2,2'-oxybis[1-chloropropane]	45	4.504	4.504	0.000	95	342248	10.0	10.9	
	24 N-Methylaniline	106	4.619	4.619	0.000	94	420677	10.0	10.8	
	26 Acetophenone	105	4.629	4.629	0.000	90	380958	10.0	10.0	
	25 N-Nitrosodi-n-propylamine	70	4.629	4.629	0.000	82	194149	10.0	10.8	
	22 4-Methylphenol	108	4.645	4.645	0.000	97	260955	10.0	9.27	
	23 3 & 4 Methylphenol	108	4.645	4.645	0.000	0	261410	10.0	9.28	
	27 Hexachloroethane	117	4.725	4.725	0.000	94	126352	10.0	10.5	
$	28 Nitrobenzene-d5	82	4.773	4.773	0.000	86	281893	10.0	10.6	
	29 Nitrobenzene	123	4.792	4.792	0.000	95	132294	10.0	10.3	
	30 n,n'-Dimethylaniline	120	4.795	4.795	0.000	92	400368	10.0	10.3	
	31 Isophorone	82	5.025	5.025	0.000	99	496614	10.0	10.4	
	32 2-Nitrophenol	139	5.098	5.098	0.000	93	134689	10.0	10.3	
	33 2,4-Dimethylphenol	122	5.156	5.156	0.000	91	202677	10.0	9.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.242	5.242	0.000	98	323933	10.0	10.2	
34 Benzoic acid	122	5.252	5.252	0.000	89	147562	10.0	10.6	
36 2,4-Dichlorophenol	162	5.341	5.341	0.000	97	203390	10.0	9.55	
37 1,2,4-Trichlorobenzene	180	5.415	5.415	0.000	95	219381	10.0	9.38	
* 38 Naphthalene-d8	136	5.469	5.469	0.000	99	555828	8.00	8.00	
39 Naphthalene	128	5.488	5.488	0.000	99	750479	10.0	9.61	
40 4-Chloroaniline	127	5.549	5.549	0.000	97	306728	10.0	9.66	
41 2,6-Dichlorophenol	162	5.555	5.555	0.000	97	200356	10.0	9.53	
42 Hexachlorobutadiene	225	5.613	5.613	0.000	94	114965	10.0	9.62	
44 Caprolactam	113	5.872	5.872	0.000	90	21579	4.00	3.73	
45 4-Chloro-3-methylphenol	107	6.031	6.031	0.000	96	201216	10.0	9.76	
46 2-Methylnaphthalene	142	6.156	6.156	0.000	84	452365	10.0	9.64	
47 1-Methylnaphthalene	142	6.252	6.252	0.000	92	409641	10.0	9.40	
48 Hexachlorocyclopentadiene	237	6.309	6.309	0.000	96	135177	10.0	9.73	
49 1,2,4,5-Tetrachlorobenzene	216	6.319	6.319	0.000	97	197762	10.0	9.60	
50 2-tertbutyl-4-methylphenol	149	6.367	6.367	0.000	88	253481	10.0	10.0	
51 2,4,6-Trichlorophenol	196	6.434	6.434	0.000	87	128093	10.0	9.62	
52 2,4,5-Trichlorophenol	196	6.472	6.472	0.000	96	138973	10.0	9.57	
$ 53 2-Fluorobiphenyl	172	6.514	6.514	0.000	97	473442	10.0	10.1	
54 1,1'-Biphenyl	154	6.606	6.606	0.000	97	522611	10.0	9.82	
55 2-Chloronaphthalene	162	6.622	6.622	0.000	97	415758	10.0	9.65	
56 Phenyl ether	170	6.712	6.712	0.000	88	279174	10.0	10.2	
57 2-Nitroaniline	65	6.725	6.725	0.000	97	148480	10.0	11.0	
58 1,3-Dimethylnaphthalene	156	6.833	6.833	0.000	89	305138	10.0	9.89	
59 Dimethyl phthalate	163	6.910	6.910	0.000	98	429921	10.0	9.44	
60 Coumarin	146	6.920	6.920	0.000	80	151497	10.0	9.33	
61 2,6-Dinitrotoluene	165	6.961	6.961	0.000	95	95325	10.0	10.2	
62 Acenaphthylene	152	7.016	7.016	0.000	97	669787	10.0	9.75	
63 3-Nitroaniline	138	7.121	7.121	0.000	97	114983	10.0	9.92	
* 64 Acenaphthene-d10	164	7.153	7.153	0.000	96	258741	8.00	8.00	
66 Acenaphthene	154	7.182	7.182	0.000	98	369303	10.0	9.80	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.185	7.185	0.000	98	283571	10.0	10.1	
67 2,4-Dinitrophenol	184	7.217	7.217	0.000	94	100607	20.0	19.3	
68 4-Nitrophenol	65	7.307	7.307	0.000	91	154637	20.0	20.5	
69 2,4-Dinitrotoluene	165	7.342	7.342	0.000	96	125851	10.0	10.5	
70 Dibenzofuran	168	7.348	7.348	0.000	97	537020	10.0	9.31	
71 2,3,4,6-Tetrachlorophenol	232	7.469	7.469	0.000	95	100447	10.0	9.40	
72 Diethyl phthalate	149	7.585	7.585	0.000	97	430705	10.0	9.47	
73 n-Octadecane	57	7.610	7.610	0.000	91	308866	10.0	12.5	
74 Fluorene	166	7.674	7.674	0.000	93	423070	10.0	9.47	
75 4-Chlorophenyl phenyl ether	204	7.680	7.680	0.000	84	183774	10.0	9.19	
76 4-Nitroaniline	138	7.703	7.703	0.000	89	104434	10.0	9.13	
77 4,6-Dinitro-2-methylphenol	198	7.725	7.725	0.000	81	125544	20.0	21.5	
78 N-Nitrosodiphenylamine	169	7.796	7.796	0.000	71	284383	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.831	7.831	0.000	50	489224	10.0	11.3	
131 Azobenzene	77	7.831	7.831	0.000	96	489776	10.0	11.3	
$ 80 2,4,6-Tribromophenol	330	7.904	7.904	0.000	93	71775	10.0	9.30	
83 4-Bromophenyl phenyl ether	248	8.147	8.147	0.000	86	107501	10.0	10.2	
84 Hexachlorobenzene	284	8.195	8.195	0.000	98	134894	10.0	9.64	
85 Atrazine	200	8.310	8.310	0.000	88	35578	4.00	4.06	
86 Pentachlorophenol	266	8.387	8.387	0.000	93	156573	20.0	19.4	
87 Pentachloronitrobenzene	237	8.396	8.396	0.000	88	46738	10.0	10.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.563	8.563	0.000	99	403462	8.00	8.00	
89 Phenanthrene	178	8.585	8.585	0.000	99	543916	10.0	9.82	
90 Anthracene	178	8.633	8.633	0.000	97	562844	10.0	9.90	
91 Carbazole	167	8.793	8.793	0.000	96	505348	10.0	9.73	
92 Di-n-butyl phthalate	149	9.144	9.144	0.000	99	660795	10.0	10.3	
93 Fluoranthene	202	9.710	9.710	0.000	96	505874	10.0	9.26	
94 Benzidine	184	9.850	9.850	0.000	99	211147	10.0	6.51	
95 Pyrene	202	9.924	9.924	0.000	95	539262	10.0	10.9	
96 Bisphenol-A	213	9.998	9.998	0.000	96	199676	10.0	11.9	
$ 97 Terphenyl-d14	244	10.087	10.087	0.000	97	374984	10.0	10.7	
98 Butyl benzyl phthalate	149	10.599	10.599	0.000	97	256700	10.0	11.5	
99 2,3,7,8-TCDD	320	10.669	10.669	0.000	91	733	0.1000	0.0854	
100 Carbamazepine	193	10.695	10.695	0.000	93	177708	10.0	11.1	
101 3,3'-Dichlorobenzidine	252	11.181	11.181	0.000	98	166240	10.0	9.67	
102 Benzo[a]anthracene	228	11.194	11.194	0.000	99	439760	10.0	9.76	
* 103 Chrysene-d12	240	11.207	11.207	0.000	98	280126	8.00	8.00	
104 Chrysene	228	11.239	11.239	0.000	97	401293	10.0	9.49	
105 Bis(2-ethylhexyl) phthalate	149	11.287	11.287	0.000	85	371453	10.0	11.4	
106 Di-n-octyl phthalate	149	12.160	12.160	0.000	96	628903	10.0	10.8	
107 Benzo[b]fluoranthene	252	12.608	12.608	0.000	96	424014	10.0	9.43	
108 Benzo[k]fluoranthene	252	12.647	12.647	0.000	98	460463	10.0	9.60	
109 Benzo[a]pyrene	252	13.063	13.063	0.000	95	400737	10.0	10.0	
* 110 Perylene-d12	264	13.143	13.143	0.000	97	308833	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.713	14.713	0.000	95	488221	10.0	11.1	
112 Dibenz(a,h)anthracene	278	14.761	14.761	0.000	95	516165	10.0	10.8	
113 Benzo[g,h,i]perylene	276	15.142	15.142	0.000	92	551497	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

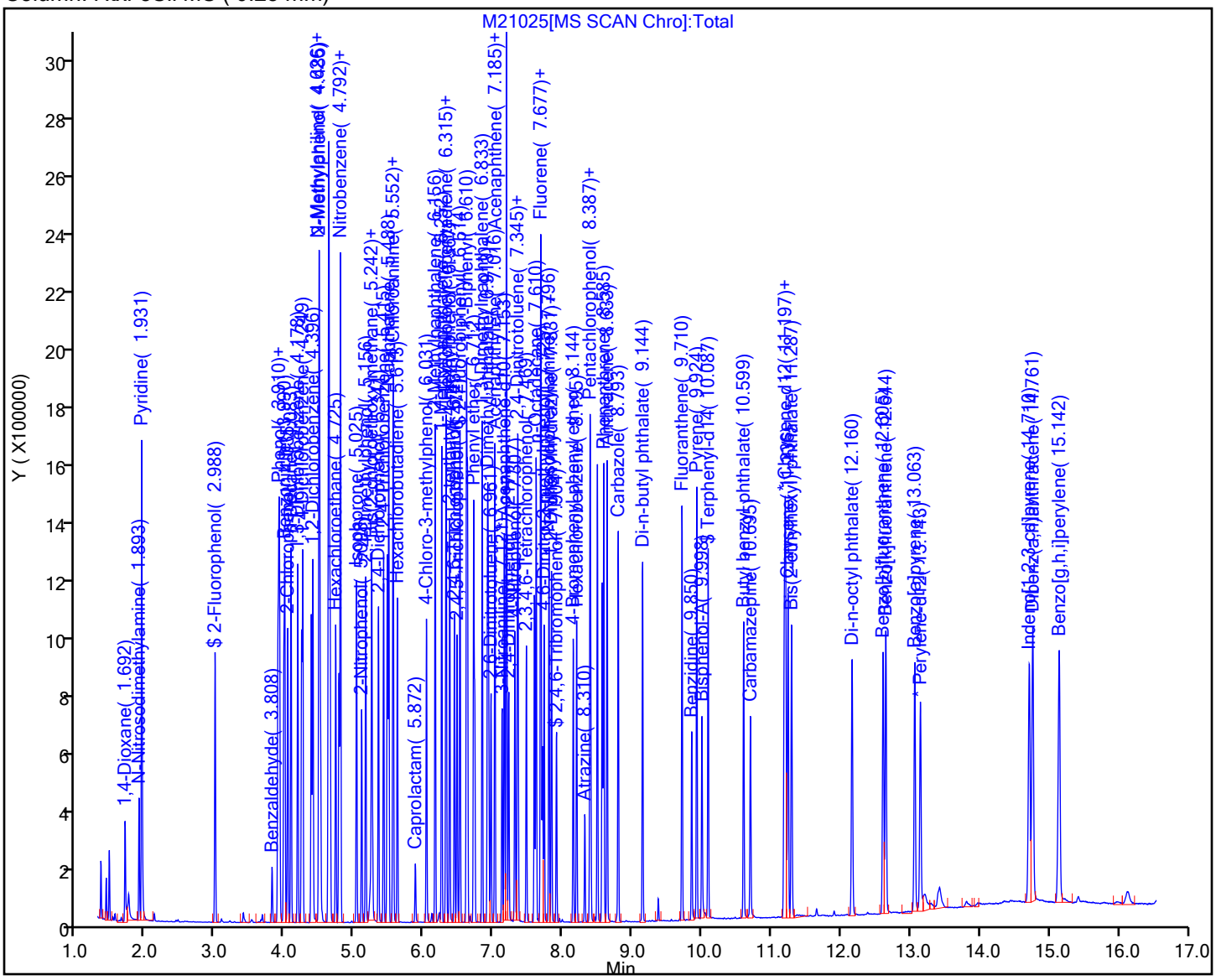
Reagents:

SV_BNAL7_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 26-Jun-2023 10:24:05 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21025.D
Injection Date: 23-Jun-2023 19:51:30 Instrument ID: CBNAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 20-Jun-2023 06:21:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162303-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 20-Jun-2023 15:05:31 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: G4KC Date: 20-Jun-2023 15:05:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
18 Pentachlorophenol_T	266	4.367	4.367	0.000	94	152504	NR	NR	
43 Benzidine_T	184	5.625	5.625	0.000	100	793509	NR	NR	
123 DFTPP									
124 4,4'-DDE	246	5.779	5.779	0.000	88	1093		NR	
125 4,4'-DDD	235	6.070	6.070	0.000	96	3630		NR	
126 4,4'-DDT	235	6.282	6.282	0.000	98	377558	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

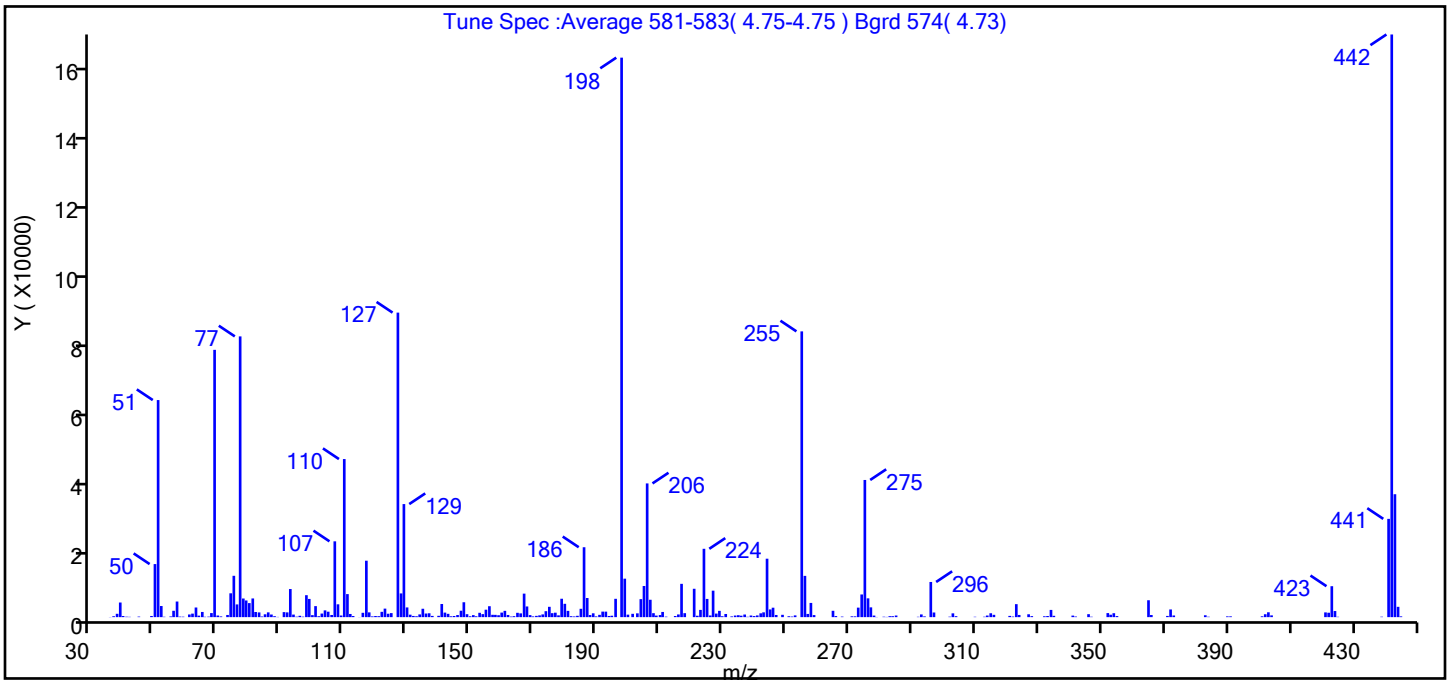
SMDFTP_CH_00035 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Injection Date: 20-Jun-2023 06:21:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.5)
69	Present	47.8
70	<2% of m/z 69	0.3 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.9
365	>1% of m/z 198	3.0
441	<150% of m/z 443	17.6 (80.0)
442	Present	104.1
443	15-24% of m/z 442	22.0 (21.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D\8270LVI_17.rslt\spectra.d
Injection Date: 20-Jun-2023 06:21:30
Spectrum: Tune Spec :Average 581-583(4.75-4.75) Bgrd 574(4.73)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	42	115.00	30	186.00	20088	273.00	2733
37.00	261	116.00	1248	187.00	5497	274.00	6516
38.00	962	117.00	16215	188.00	610	275.00	39416
39.00	4204	118.00	1367	189.00	1104	276.00	5405
40.00	324	119.00	212	190.00	210	277.00	2811
41.00	132	120.00	325	191.00	661	278.00	451
42.00	93	121.00	277	192.00	1589	279.00	51
45.00	161	122.00	1528	193.00	1581	281.00	122
49.00	334	123.00	2448	194.00	336	282.00	62
50.00	15248	124.00	980	195.00	405	283.00	280
51.00	62376	125.00	1158	196.00	5268	284.00	277
52.00	3195	127.00	87504	198.00	160768	285.00	467
53.00	112	128.00	6817	199.00	11056	292.00	105
55.00	204	129.00	32488	200.00	717	293.00	779
56.00	1825	130.00	2789	201.00	958	294.00	212
57.00	4488	131.00	710	203.00	1092	296.00	10106
58.00	152	132.00	343	204.00	5172	297.00	1336
59.00	131	133.00	252	205.00	8949	302.00	137
61.00	767	134.00	785	206.00	38424	303.00	1093
62.00	1011	135.00	2411	207.00	4996	304.00	277
63.00	2770	136.00	1040	208.00	1139	310.00	107
64.00	429	137.00	1113	209.00	447	313.00	122
65.00	1490	138.00	356	210.00	602	314.00	463
66.00	107	140.00	383	211.00	1493	315.00	1119
67.00	147	141.00	3778	212.00	141	316.00	665
68.00	1169	142.00	1305	215.00	325	321.00	359
69.00	76808	143.00	953	216.00	771	322.00	168
70.00	466	144.00	241	217.00	9569	323.00	3734
71.00	207	145.00	330	218.00	1140	324.00	630
73.00	625	146.00	604	221.00	8153	327.00	824
74.00	6851	147.00	1842	222.00	404	328.00	291
75.00	11879	148.00	4280	223.00	2084	332.00	248
76.00	3657	149.00	846	224.00	19640	333.00	324

Report Date: 20-Jun-2023 15:05:33 Chrom Revision: 2.3 05-Jun-2023 19:02:10
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D\8270LVI_17.rslt\spectra.d
Injection Date: 20-Jun-2023 06:21:30
Spectrum: Tune Spec :Average 581-583(4.75-4.75) Bgrd 574(4.73)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	80672	150.00	251	225.00	5235	334.00	2077
78.00	5354	151.00	577	226.00	479	335.00	382
79.00	4788	152.00	242	227.00	7608	341.00	443
80.00	4034	153.00	1249	228.00	1025	342.00	181
81.00	5371	154.00	869	229.00	1806	346.00	852
82.00	1479	155.00	2139	230.00	256	347.00	122
83.00	1355	156.00	3141	231.00	905	352.00	1164
84.00	183	157.00	674	233.00	212	353.00	694
85.00	819	158.00	657	234.00	460	354.00	1130
86.00	1370	159.00	548	235.00	550	355.00	304
87.00	752	160.00	1304	236.00	418	365.00	4855
88.00	271	161.00	1809	237.00	751	366.00	609
89.00	66	162.00	624	238.00	101	371.00	349
91.00	1445	163.00	165	239.00	466	372.00	2209
92.00	1369	164.00	276	240.00	309	373.00	478
93.00	8078	165.00	1245	241.00	493	383.00	540
94.00	736	166.00	1086	242.00	1100	384.00	120
95.00	132	167.00	6757	243.00	1382	390.00	221
96.00	386	168.00	3068	244.00	16792	391.00	227
97.00	139	169.00	588	245.00	2211	401.00	239
98.00	6310	170.00	212	246.00	2714	402.00	835
99.00	5233	171.00	371	247.00	622	403.00	1394
100.00	570	172.00	509	249.00	670	404.00	506
101.00	3166	173.00	785	251.00	255	421.00	1364
102.00	261	174.00	1712	252.00	169	422.00	1266
103.00	1031	175.00	2971	253.00	501	423.00	8891
104.00	1944	176.00	1143	255.00	82112	424.00	1754
105.00	1563	177.00	1279	256.00	11856	425.00	104
106.00	619	178.00	516	257.00	924	439.00	127
107.00	21784	179.00	5288	258.00	4084	441.00	28240
108.00	3689	180.00	3831	259.00	590	442.00	167424
109.00	470	181.00	1801	265.00	1825	443.00	35320
110.00	45424	182.00	272	266.00	307	444.00	2963
111.00	6620	183.00	196	268.00	157	445.00	219

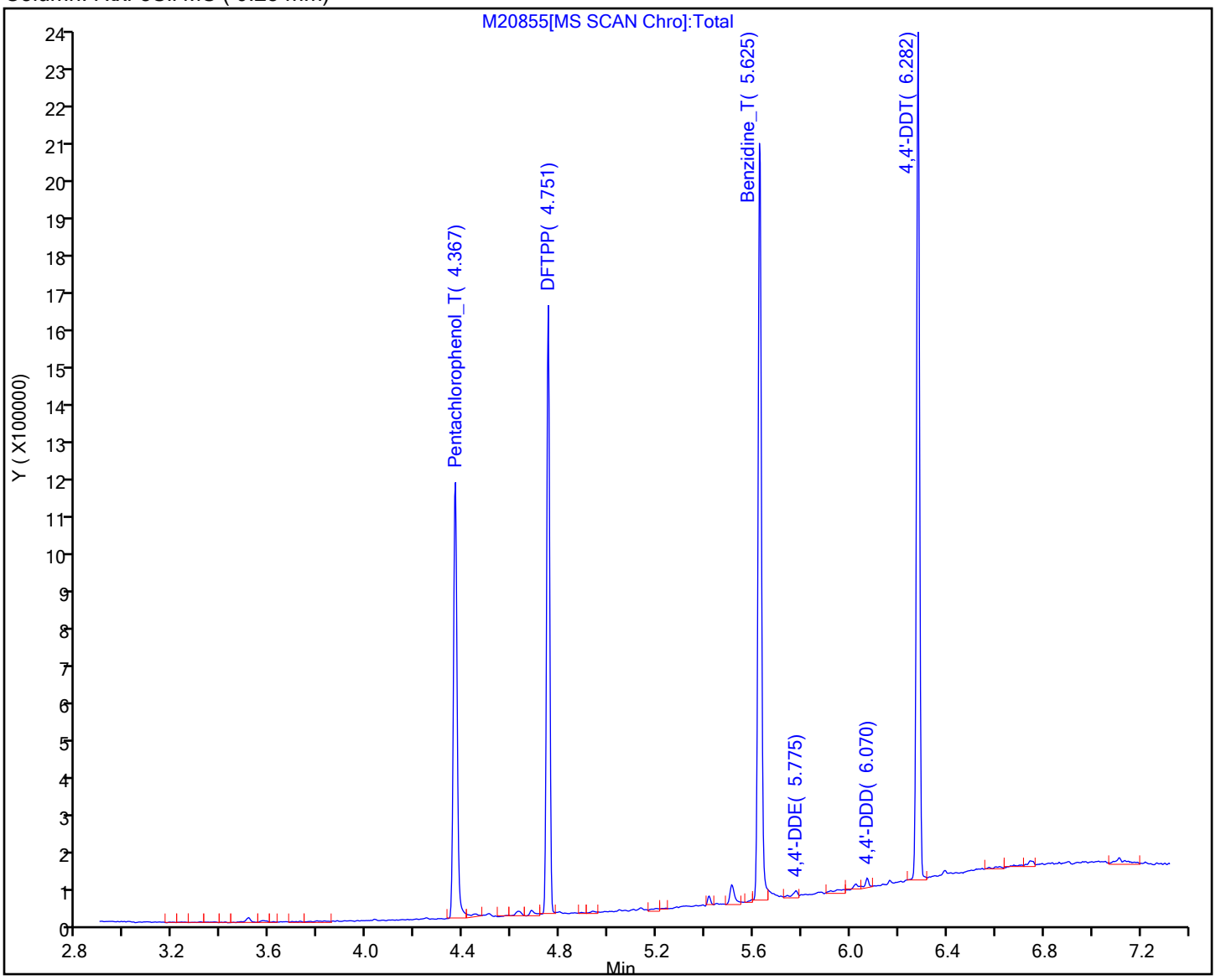
Report Date: 20-Jun-2023 15:05:33 Chrom Revision: 2.3 05-Jun-2023 19:02:10
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D\8270LVI_17.rslt\spectra.d
Injection Date: 20-Jun-2023 06:21:30
Spectrum: Tune Spec :Average 581-583(4.75-4.75) Bgrd 574(4.73)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
112.00	911	184.00	387	271.00	236		
113.00	321	185.00	2399	272.00	225		

Report Date: 20-Jun-2023 15:05:33 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Injection Date: 20-Jun-2023 06:21:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Injection Date: 20-Jun-2023 06:21:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

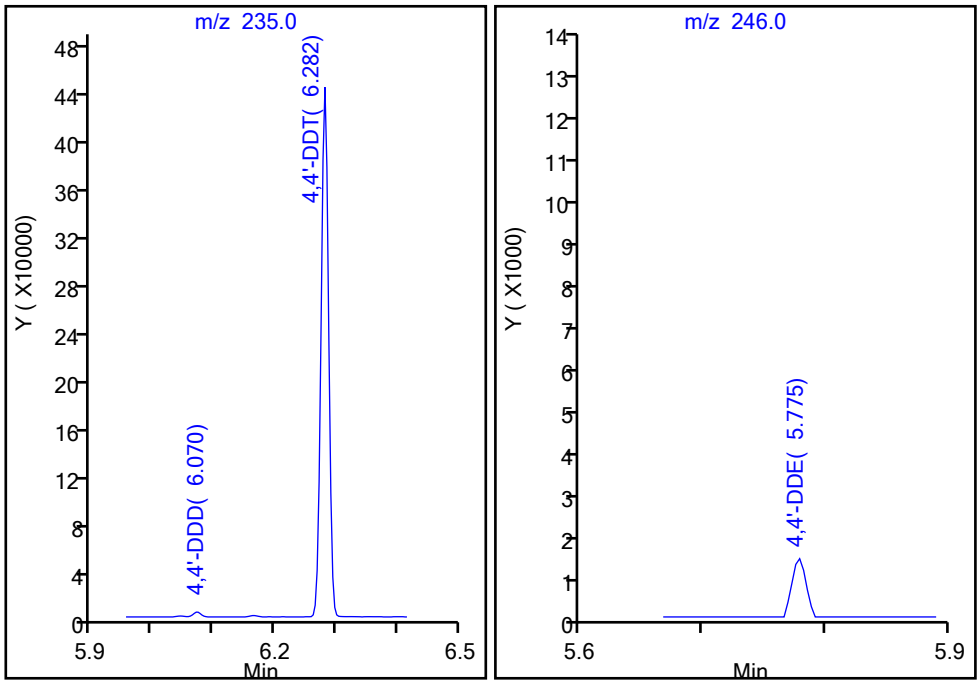
126 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 377558
125 4,4'-DDD, Area = 3630
124 4,4'-DDE, Area = 1093

%Breakdown: 1.24%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

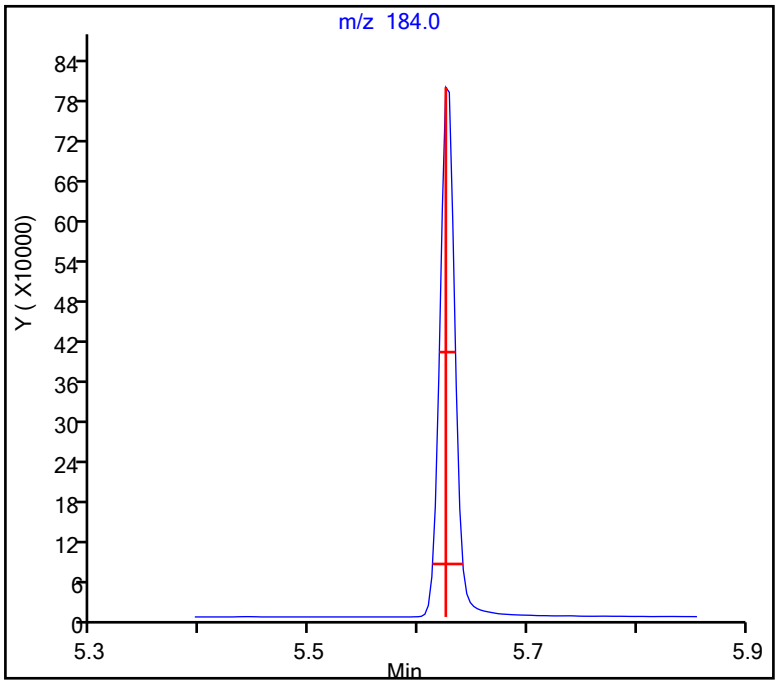
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Injection Date: 20-Jun-2023 06:21:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.33, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

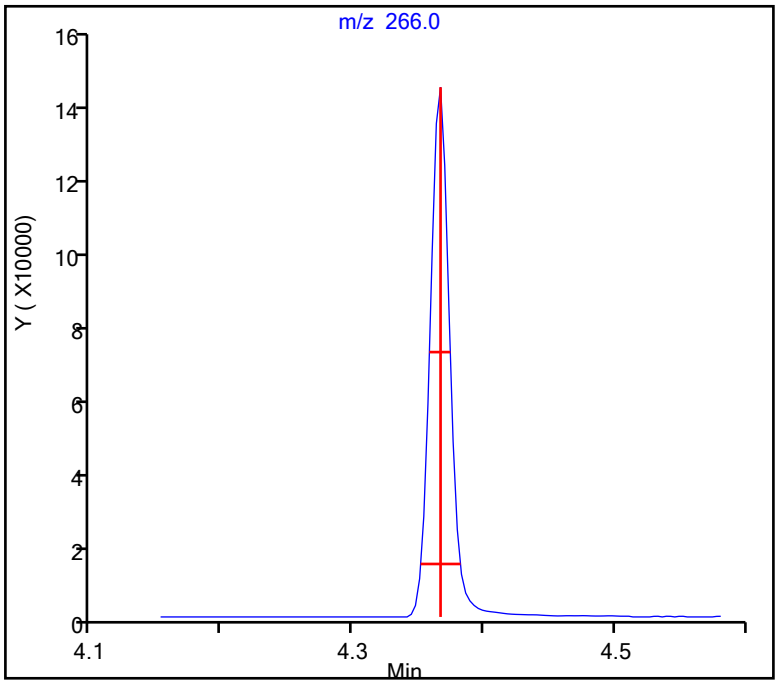
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20855.D
Injection Date: 20-Jun-2023 06:21:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

18 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-917200/1-A

Matrix: Water | Lab File ID: M21027.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 20:34

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	81		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	93		51-145
1718-51-0	Terphenyl-d14 (Surr)	84		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21027.D
Lims ID: MB 460-917200/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 20:34:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 20:59:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.991	2.988	0.003	97	139063	10.0	4.18	
$ 6 Phenol-d5	99	3.887	3.894	-0.007	0	109641	10.0	2.70	
* 15 1,4-Dichlorobenzene-d4	152	4.232	4.233	-0.001	96	190196	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.768	4.773	-0.005	86	308698	10.0	9.35	
* 38 Naphthalene-d8	136	5.464	5.469	-0.005	99	692815	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.511	6.514	-0.003	97	509404	10.0	8.12	
* 64 Acenaphthene-d10	164	7.149	7.153	-0.004	97	346623	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.899	7.904	-0.005	93	72573	10.0	7.02	
* 88 Phenanthrene-d10	188	8.556	8.563	-0.007	98	557744	8.00	8.00	
$ 97 Terphenyl-d14	244	10.085	10.087	-0.002	97	361601	10.0	8.38	
* 103 Chrysene-d12	240	11.200	11.207	-0.007	98	343248	8.00	8.00	
* 110 Perylene-d12	264	13.136	13.143	-0.007	97	380309	8.00	8.00	

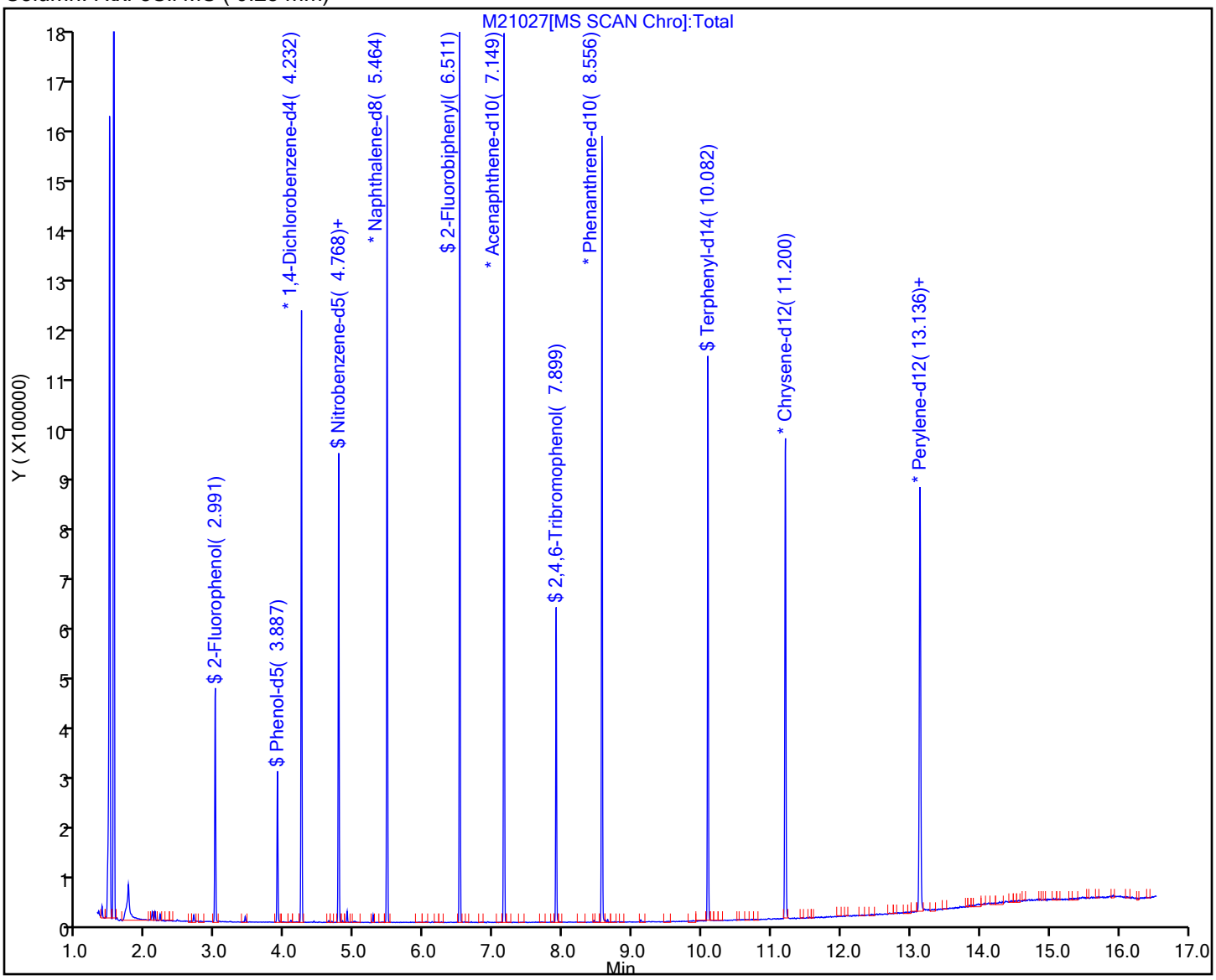
QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 10:24:59 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21027.D
Injection Date: 23-Jun-2023 20:34:30 Instrument ID: CBNAMS17
Lims ID: MB 460-917200/1-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21027.D
Lims ID: MB 460-917200/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 20:34:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 20:59:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.18	41.80
$ 6 Phenol-d5	10.0	2.70	27.03
$ 28 Nitrobenzene-d5	10.0	9.35	93.50
$ 53 2-Fluorobiphenyl	10.0	8.12	81.17
$ 80 2,4,6-Tribromophenol	10.0	7.02	70.21
$ 97 Terphenyl-d14	10.0	8.38	83.82

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-917200/2-A

Matrix: Water | Lab File ID: M21028.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 20:55

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	65.4		10	1.1
208-96-8	Acenaphthylene	61.1		10	0.82
120-12-7	Anthracene	68.5		10	1.3
218-01-9	Chrysene	69.4		2.0	0.91
206-44-0	Fluoranthene	66.3		10	0.84
86-73-7	Fluorene	63.8		10	0.91
91-20-3	Naphthalene	57.8		2.0	0.54
85-01-8	Phenanthrene	69.8		10	1.3
129-00-0	Pyrene	75.0		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	93		51-145
1718-51-0	Terphenyl-d14 (Surr)	81		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21028.D
Lims ID: LCS 460-917200/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 20:55:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 21:14:53

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.695	1.692	0.003	93	48411	10.0	3.49	
	2 N-Nitrosodimethylamine	74	1.896	1.893	0.003	97	81021	10.0	4.33	
	3 Pyridine	79	1.938	1.931	0.007	96	199450	20.0	7.28	
$	4 2-Fluorophenol	112	2.988	2.988	0.000	97	122876	10.0	4.25	
	5 Benzaldehyde	77	3.805	3.808	-0.003	97	116425	5.00	4.81	
$	6 Phenol-d5	99	3.888	3.894	-0.006	0	98567	10.0	2.80	
	7 Phenol	94	3.900	3.907	-0.007	96	117514	10.0	3.04	
	8 Aniline	93	3.913	3.917	-0.004	97	221398	10.0	4.90	
	9 Bis(2-chloroethyl)ether	93	3.974	3.977	-0.003	95	238860	10.0	8.39	
	10 Benzonitrile	103	3.987	3.990	-0.003	98	458393	NC	NC	
	11 2-Chlorophenol	128	4.031	4.035	-0.004	96	205721	10.0	6.76	
	13 n-Decane	43	4.079	4.083	-0.004	90	164619	10.0	6.51	
	14 1,3-Dichlorobenzene	146	4.175	4.178	-0.003	95	219695	10.0	6.55	
*	15 1,4-Dichlorobenzene-d4	152	4.233	4.233	0.000	96	165174	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.249	4.252	-0.003	94	222892	10.0	6.60	
	17 Benzyl alcohol	108	4.370	4.373	-0.003	94	114448	10.0	6.05	
	19 1,2-Dichlorobenzene	146	4.392	4.396	-0.004	96	214894	10.0	6.71	
	20 2-Methylphenol	108	4.488	4.492	-0.004	90	157353	10.0	5.85	
	21 2,2'-oxybis[1-chloropropane]	45	4.501	4.504	-0.003	95	290212	10.0	8.66	
	24 N-Methylaniline	106	4.616	4.619	-0.003	97	325574	10.0	7.80	
	26 Acetophenone	105	4.622	4.629	-0.007	92	345115	10.0	8.48	
	25 N-Nitrosodi-n-propylamine	70	4.625	4.629	-0.004	82	174238	10.0	9.05	
	22 4-Methylphenol	108	4.638	4.645	-0.007	99	150689	10.0	5.00	
	23 3 & 4 Methylphenol	108	4.638	4.645	-0.007	0	150689	10.0	5.00	
	27 Hexachloroethane	117	4.721	4.725	-0.004	94	90237	10.0	7.00	
$	28 Nitrobenzene-d5	82	4.769	4.773	-0.004	86	264022	10.0	9.30	
	29 Nitrobenzene	123	4.788	4.792	-0.004	98	116506	10.0	8.51	
	30 n,n'-Dimethylaniline	120	4.792	4.795	-0.003	93	311781	10.0	7.52	
	31 Isophorone	82	5.021	5.025	-0.004	99	428321	10.0	8.37	
	32 2-Nitrophenol	139	5.095	5.098	-0.003	94	115808	10.0	8.30	
	33 2,4-Dimethylphenol	122	5.152	5.156	-0.004	91	149600	10.0	6.56	
	35 Bis(2-chloroethoxy)methane	93	5.239	5.242	-0.003	98	289681	10.0	8.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.219	5.252	-0.033	89	36721	10.0	2.90	
36 2,4-Dichlorophenol	162	5.338	5.341	-0.003	97	172087	10.0	7.54	
37 1,2,4-Trichlorobenzene	180	5.411	5.415	-0.004	95	170332	10.0	6.79	
* 38 Naphthalene-d8	136	5.465	5.469	-0.004	99	595856	8.00	8.00	
39 Naphthalene	128	5.485	5.488	-0.003	99	605245	10.0	7.23	
40 4-Chloroaniline	127	5.545	5.549	-0.004	97	228459	10.0	6.71	
41 2,6-Dichlorophenol	162	5.552	5.555	-0.003	98	173002	10.0	7.68	
42 Hexachlorobutadiene	225	5.609	5.613	-0.004	94	84443	10.0	6.59	
44 Caprolactam	113	5.861	5.872	-0.011	90	5865	5.00	1.04	
45 4-Chloro-3-methylphenol	107	6.027	6.031	-0.004	96	163767	10.0	7.41	
46 2-Methylnaphthalene	142	6.155	6.156	-0.001	84	376350	10.0	7.48	
47 1-Methylnaphthalene	142	6.248	6.252	-0.004	92	347195	10.0	7.43	
48 Hexachlorocyclopentadiene	237	6.305	6.309	-0.004	94	22999	10.0	1.50	
49 1,2,4,5-Tetrachlorobenzene	216	6.315	6.319	-0.004	96	163130	10.0	7.16	
50 2-tertbutyl-4-methylphenol	149	6.363	6.367	-0.004	88	233220	10.0	8.62	
51 2,4,6-Trichlorophenol	196	6.430	6.434	-0.004	88	117826	10.0	7.99	
52 2,4,5-Trichlorophenol	196	6.465	6.472	-0.007	95	123203	10.0	7.67	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	432041	10.0	8.33	
54 1,1'-Biphenyl	154	6.606	6.606	0.000	97	455410	10.0	7.73	
55 2-Chloronaphthalene	162	6.619	6.622	-0.003	98	356133	10.0	7.47	
56 Phenyl ether	170	6.708	6.712	-0.004	88	245807	10.0	8.10	
57 2-Nitroaniline	65	6.721	6.725	-0.004	97	134178	10.0	9.02	
58 1,3-Dimethylnaphthalene	156	6.830	6.833	-0.003	89	271075	10.0	7.94	
59 Dimethyl phthalate	163	6.906	6.910	-0.004	97	405154	10.0	8.04	
60 Coumarin	146	6.916	6.920	-0.004	80	141138	10.0	8.11	
61 2,6-Dinitrotoluene	165	6.957	6.961	-0.004	96	91559	10.0	8.83	
62 Acenaphthylene	152	7.012	7.016	-0.004	97	580966	10.0	7.64	
63 3-Nitroaniline	138	7.114	7.121	-0.007	96	91608	10.0	7.14	
* 64 Acenaphthene-d10	164	7.149	7.153	-0.004	96	286379	8.00	8.00	
66 Acenaphthene	154	7.178	7.182	-0.004	97	341197	10.0	8.18	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.181	7.185	-0.004	97	226350	10.0	7.31	
67 2,4-Dinitrophenol	184	7.213	7.217	-0.004	94	86170	20.0	15.0	
68 4-Nitrophenol	65	7.296	7.307	-0.010	91	47884	20.0	5.74	
69 2,4-Dinitrotoluene	165	7.338	7.342	-0.004	92	117443	10.0	8.87	
70 Dibenzofuran	168	7.344	7.348	-0.004	96	508902	10.0	7.97	
71 2,3,4,6-Tetrachlorophenol	232	7.466	7.469	-0.003	91	91620	10.0	7.75	
72 Diethyl phthalate	149	7.581	7.585	-0.004	97	417252	10.0	8.29	
73 n-Octadecane	57	7.606	7.610	-0.004	91	275735	10.0	10.1	
74 Fluorene	166	7.670	7.674	-0.004	93	394256	10.0	7.97	
75 4-Chlorophenyl phenyl ether	204	7.677	7.680	-0.004	87	172609	10.0	7.80	
76 4-Nitroaniline	138	7.696	7.703	-0.007	89	92256	10.0	7.29	
77 4,6-Dinitro-2-methylphenol	198	7.721	7.725	-0.004	82	121146	20.0	18.9	
78 N-Nitrosodiphenylamine	169	7.792	7.796	-0.004	71	273137	10.0	8.86	
79 1,2-Diphenylhydrazine	77	7.827	7.831	-0.004	50	456085	10.0	9.58	
131 Azobenzene	77	7.827	7.831	-0.004	96	457140	10.0	9.59	
$ 80 2,4,6-Tribromophenol	330	7.900	7.904	-0.004	93	70573	10.0	8.26	
83 4-Bromophenyl phenyl ether	248	8.140	8.147	-0.007	86	100679	10.0	8.65	
84 Hexachlorobenzene	284	8.191	8.195	-0.004	98	127424	10.0	8.26	
85 Atrazine	200	8.309	8.310	-0.001	88	52841	5.00	5.47	
86 Pentachlorophenol	266	8.383	8.387	-0.004	94	149855	20.0	16.9	
87 Pentachloronitrobenzene	237	8.392	8.396	-0.004	88	45752	10.0	9.52	
* 88 Phenanthrene-d10	188	8.559	8.563	-0.004	99	444829	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.581	8.585	-0.004	98	532961	10.0	8.73	
90 Anthracene	178	8.629	8.633	-0.004	97	536512	10.0	8.56	
91 Carbazole	167	8.789	8.793	-0.004	96	496583	10.0	8.67	
92 Di-n-butyl phthalate	149	9.140	9.144	-0.004	99	637573	10.0	9.00	
93 Fluoranthene	202	9.709	9.710	-0.002	96	499383	10.0	8.29	
94 Benzidine	184	9.846	9.850	-0.004	99	78735	10.0	2.20	
95 Pyrene	202	9.919	9.924	-0.005	96	510867	10.0	9.37	
96 Bisphenol-A	213	9.993	9.998	-0.005	97	55268	5.00	3.00	
$ 97 Terphenyl-d14	244	10.082	10.087	-0.005	97	313392	10.0	8.08	
98 Butyl benzyl phthalate	149	10.594	10.599	-0.005	97	236410	10.0	9.59	
100 Carbamazepine	193	10.693	10.695	-0.002	92	151610	10.0	8.58	
101 3,3'-Dichlorobenzidine	252	11.175	11.181	-0.006	99	153730	10.0	8.12	
102 Benzo[a]anthracene	228	11.191	11.194	-0.003	99	423029	10.0	8.52	
* 103 Chrysene-d12	240	11.201	11.207	-0.006	98	308442	8.00	8.00	
104 Chrysene	228	11.233	11.239	-0.006	97	403649	10.0	8.67	
105 Bis(2-ethylhexyl) phthalate	149	11.284	11.287	-0.003	85	344690	10.0	9.60	
106 Di-n-octyl phthalate	149	12.153	12.160	-0.007	96	555037	10.0	9.24	
107 Benzo[b]fluoranthene	252	12.601	12.608	-0.007	97	409363	10.0	8.81	
108 Benzo[k]fluoranthene	252	12.639	12.647	-0.008	97	422437	10.0	8.53	
109 Benzo[a]pyrene	252	13.055	13.063	-0.008	94	385005	10.0	9.33	
* 110 Perylene-d12	264	13.138	13.143	-0.005	97	318973	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.706	14.713	-0.007	96	464907	10.0	10.2	
112 Dibenz(a,h)anthracene	278	14.751	14.761	-0.010	98	457193	10.0	9.25	
113 Benzo[g,h,i]perylene	276	15.132	15.142	-0.010	93	481201	10.0	9.37	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 10:25:51 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21028.D

Injection Date: 23-Jun-2023 20:55:30 Instrument ID: CBNAMS17

Lims ID: LCS 460-917200/2-A

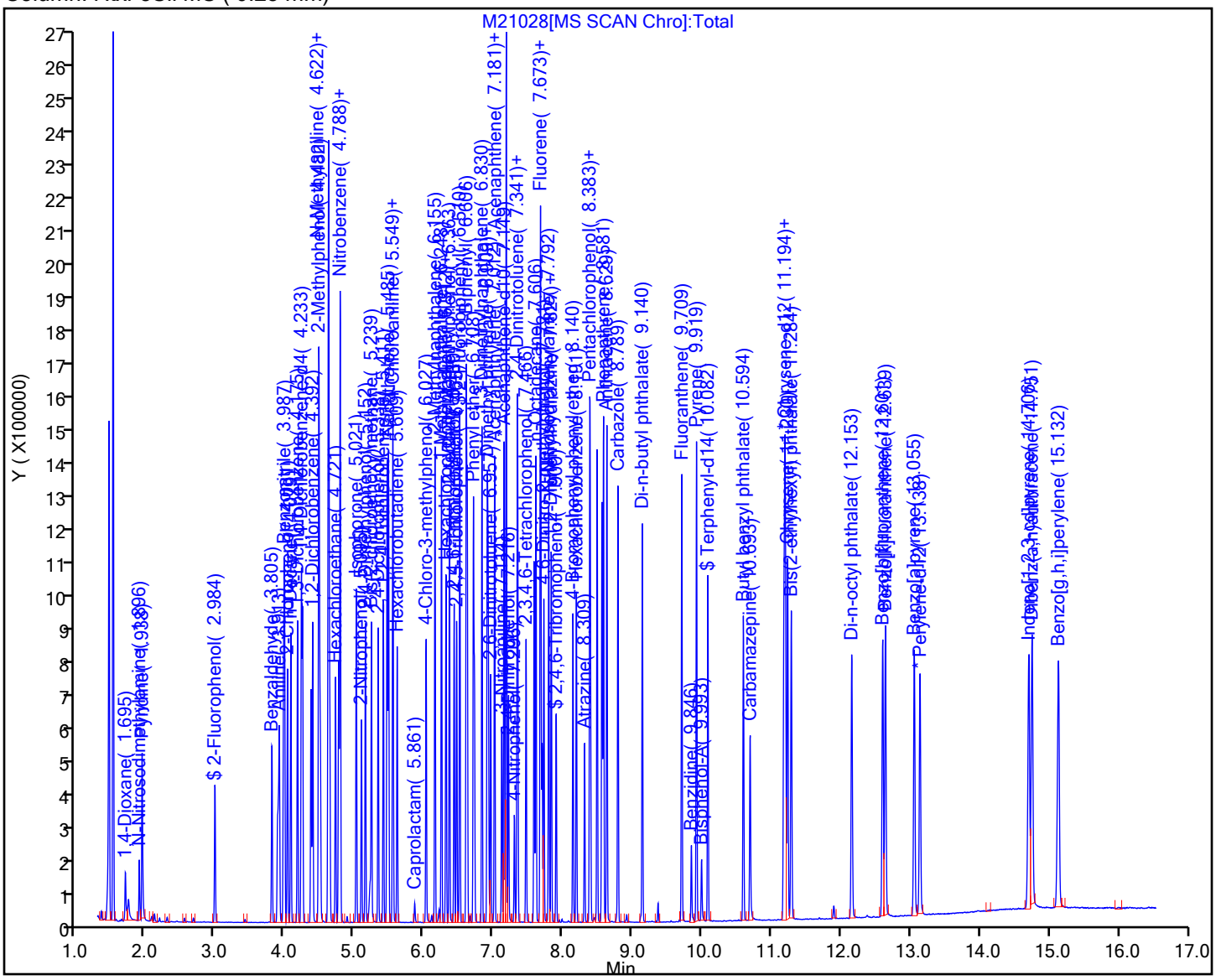
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21028.D
Lims ID: LCS 460-917200/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 20:55:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 21:14:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.25	42.53
$ 6 Phenol-d5	10.0	2.80	27.98
$ 28 Nitrobenzene-d5	10.0	9.30	92.98
$ 53 2-Fluorobiphenyl	10.0	8.33	83.32
$ 80 2,4,6-Tribromophenol	10.0	8.26	82.64
$ 97 Terphenyl-d14	10.0	8.08	80.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-917200/3-A

Matrix: Water | Lab File ID: M21029.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 21:16

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	64.0		10	1.1
208-96-8	Acenaphthylene	60.8		10	0.82
120-12-7	Anthracene	68.4		10	1.3
218-01-9	Chrysene	69.4		2.0	0.91
206-44-0	Fluoranthene	64.2		10	0.84
86-73-7	Fluorene	64.4		10	0.91
91-20-3	Naphthalene	57.1		2.0	0.54
85-01-8	Phenanthrene	68.8		10	1.3
129-00-0	Pyrene	74.9		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	90		51-145
1718-51-0	Terphenyl-d14 (Surr)	81		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21029.D
Lims ID: LCSD 460-917200/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2023 21:16:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:11:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.698	1.692	0.006	92	51100	10.0	3.72	
	2 N-Nitrosodimethylamine	74	1.899	1.893	0.006	98	78292	10.0	4.23	
	3 Pyridine	79	1.938	1.931	0.007	96	193933	20.0	7.15	
$	4 2-Fluorophenol	112	2.988	2.988	0.000	97	119867	10.0	4.19	
	5 Benzaldehyde	77	3.808	3.808	0.000	98	114111	5.00	4.77	
$	6 Phenol-d5	99	3.888	3.894	-0.006	0	97402	10.0	2.79	
	7 Phenol	94	3.900	3.907	-0.007	98	115386	10.0	3.01	
	8 Aniline	93	3.913	3.917	-0.004	97	217717	10.0	4.87	
	9 Bis(2-chloroethyl)ether	93	3.974	3.977	-0.003	95	230848	10.0	8.19	
	10 Benzonitrile	103	3.987	3.990	-0.003	99	450983	NC	NC	
	11 2-Chlorophenol	128	4.031	4.035	-0.004	96	201007	10.0	6.67	
	13 n-Decane	43	4.079	4.083	-0.004	90	163205	10.0	6.52	
	14 1,3-Dichlorobenzene	146	4.175	4.178	-0.003	96	216758	10.0	6.53	
*	15 1,4-Dichlorobenzene-d4	152	4.233	4.233	0.000	96	163471	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.249	4.252	-0.003	94	219735	10.0	6.58	
	17 Benzyl alcohol	108	4.370	4.373	-0.003	93	111547	10.0	5.96	
	19 1,2-Dichlorobenzene	146	4.392	4.396	-0.004	96	212377	10.0	6.70	
	20 2-Methylphenol	108	4.488	4.492	-0.004	90	155392	10.0	5.84	
	21 2,2'-oxybis[1-chloropropane]	45	4.501	4.504	-0.003	95	283489	10.0	8.55	
	24 N-Methylaniline	106	4.616	4.619	-0.003	97	317845	10.0	7.69	
	26 Acetophenone	105	4.622	4.629	-0.007	92	332109	10.0	8.25	
	25 N-Nitrosodi-n-propylamine	70	4.625	4.629	-0.004	84	171012	10.0	8.97	
	22 4-Methylphenol	108	4.638	4.645	-0.007	98	148399	10.0	4.98	
	23 3 & 4 Methylphenol	108	4.638	4.645	-0.007	0	148392	10.0	4.98	
	27 Hexachloroethane	117	4.721	4.725	-0.004	93	89057	10.0	6.98	
$	28 Nitrobenzene-d5	82	4.769	4.773	-0.004	86	255350	10.0	9.01	
	29 Nitrobenzene	123	4.788	4.792	-0.004	95	113993	10.0	8.42	
	30 n,n'-Dimethylaniline	120	4.792	4.795	-0.003	98	299212	10.0	7.29	
	31 Isophorone	82	5.021	5.025	-0.004	99	419585	10.0	8.22	
	32 2-Nitrophenol	139	5.095	5.098	-0.003	94	113711	10.0	8.16	
	33 2,4-Dimethylphenol	122	5.152	5.156	-0.004	91	149244	10.0	6.56	
	35 Bis(2-chloroethoxy)methane	93	5.239	5.242	-0.003	99	283741	10.0	8.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.220	5.252	-0.032	85	36407	10.0	2.88	
36 2,4-Dichlorophenol	162	5.338	5.341	-0.003	97	168941	10.0	7.41	
37 1,2,4-Trichlorobenzene	180	5.411	5.415	-0.004	94	166974	10.0	6.67	
* 38 Naphthalene-d8	136	5.466	5.469	-0.003	99	594610	8.00	8.00	
39 Naphthalene	128	5.485	5.488	-0.003	99	595827	10.0	7.13	
40 4-Chloroaniline	127	5.545	5.549	-0.004	98	226425	10.0	6.67	
41 2,6-Dichlorophenol	162	5.552	5.555	-0.003	98	172994	10.0	7.70	
42 Hexachlorobutadiene	225	5.609	5.613	-0.004	94	81277	10.0	6.36	
44 Caprolactam	113	5.862	5.872	-0.010	90	6021	5.00	1.07	
45 4-Chloro-3-methylphenol	107	6.028	6.031	-0.003	96	159731	10.0	7.25	
46 2-Methylnaphthalene	142	6.155	6.156	-0.001	83	361480	10.0	7.20	
47 1-Methylnaphthalene	142	6.248	6.252	-0.004	92	345762	10.0	7.41	
48 Hexachlorocyclopentadiene	237	6.305	6.309	-0.004	95	21788	10.0	1.43	
49 1,2,4,5-Tetrachlorobenzene	216	6.315	6.319	-0.004	97	160699	10.0	7.12	
50 2-tertbutyl-4-methylphenol	149	6.363	6.367	-0.004	88	230018	10.0	8.52	
51 2,4,6-Trichlorophenol	196	6.430	6.434	-0.004	88	116040	10.0	7.95	
52 2,4,5-Trichlorophenol	196	6.465	6.472	-0.007	96	122488	10.0	7.70	
$ 53 2-Fluorobiphenyl	172	6.510	6.514	-0.004	97	427114	10.0	8.32	
54 1,1'-Biphenyl	154	6.606	6.606	0.000	97	448084	10.0	7.69	
55 2-Chloronaphthalene	162	6.619	6.622	-0.003	98	350536	10.0	7.43	
56 Phenyl ether	170	6.708	6.712	-0.004	88	243061	10.0	8.09	
57 2-Nitroaniline	65	6.721	6.725	-0.004	97	134027	10.0	9.10	
58 1,3-Dimethylnaphthalene	156	6.830	6.833	-0.003	89	267404	10.0	7.91	
59 Dimethyl phthalate	163	6.906	6.910	-0.004	98	404526	10.0	8.11	
60 Coumarin	146	6.916	6.920	-0.004	84	140360	10.0	8.08	
61 2,6-Dinitrotoluene	165	6.957	6.961	-0.004	96	90085	10.0	8.78	
62 Acenaphthylene	152	7.012	7.016	-0.004	97	571762	10.0	7.59	
63 3-Nitroaniline	138	7.114	7.121	-0.007	95	91208	10.0	7.18	
* 64 Acenaphthene-d10	164	7.149	7.153	-0.004	96	283425	8.00	8.00	
66 Acenaphthene	154	7.178	7.182	-0.004	97	330377	10.0	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.181	7.185	-0.004	98	224425	10.0	7.32	
67 2,4-Dinitrophenol	184	7.213	7.217	-0.004	95	88801	20.0	15.6	
68 4-Nitrophenol	65	7.296	7.307	-0.010	91	48580	20.0	5.88	
69 2,4-Dinitrotoluene	165	7.335	7.342	-0.007	92	116554	10.0	8.90	
70 Dibenzofuran	168	7.344	7.348	-0.004	96	497498	10.0	7.88	
71 2,3,4,6-Tetrachlorophenol	232	7.466	7.469	-0.003	92	91886	10.0	7.85	
72 Diethyl phthalate	149	7.581	7.585	-0.004	97	409711	10.0	8.23	
73 n-Octadecane	57	7.606	7.610	-0.004	91	273039	10.0	10.0	
74 Fluorene	166	7.670	7.674	-0.004	93	393924	10.0	8.05	
75 4-Chlorophenyl phenyl ether	204	7.677	7.680	-0.003	87	172263	10.0	7.87	
76 4-Nitroaniline	138	7.696	7.703	-0.007	90	91812	10.0	7.33	
77 4,6-Dinitro-2-methylphenol	198	7.721	7.725	-0.004	82	122004	20.0	19.0	
78 N-Nitrosodiphenylamine	169	7.792	7.796	-0.004	71	272179	10.0	8.84	
79 1,2-Diphenylhydrazine	77	7.827	7.831	-0.004	50	452162	10.0	9.51	
131 Azobenzene	77	7.827	7.831	-0.004	96	452675	10.0	9.50	
$ 80 2,4,6-Tribromophenol	330	7.900	7.904	-0.004	93	70688	10.0	8.36	
83 4-Bromophenyl phenyl ether	248	8.140	8.147	-0.007	87	98996	10.0	8.51	
84 Hexachlorobenzene	284	8.191	8.195	-0.004	98	126963	10.0	8.24	
85 Atrazine	200	8.309	8.310	-0.001	89	53552	5.00	5.54	
86 Pentachlorophenol	266	8.383	8.387	-0.004	94	150359	20.0	16.9	
87 Pentachloronitrobenzene	237	8.392	8.396	-0.004	88	45064	10.0	9.39	
* 88 Phenanthrene-d10	188	8.559	8.563	-0.004	98	444402	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.581	8.585	-0.004	98	524903	10.0	8.60	
90 Anthracene	178	8.629	8.633	-0.004	97	535366	10.0	8.55	
91 Carbazole	167	8.789	8.793	-0.004	96	488497	10.0	8.54	
92 Di-n-butyl phthalate	149	9.140	9.144	-0.004	99	620320	10.0	8.77	
93 Fluoranthene	202	9.709	9.710	-0.001	96	482503	10.0	8.02	
94 Benzidine	184	9.846	9.850	-0.004	99	80659	10.0	2.26	
95 Pyrene	202	9.919	9.924	-0.005	95	503783	10.0	9.37	
96 Bisphenol-A	213	9.993	9.998	-0.005	97	55239	5.00	3.04	
$ 97 Terphenyl-d14	244	10.083	10.087	-0.004	97	309028	10.0	8.08	
98 Butyl benzyl phthalate	149	10.594	10.599	-0.005	97	235530	10.0	9.68	
100 Carbamazepine	193	10.693	10.695	-0.002	92	150705	10.0	8.64	
101 3,3'-Dichlorobenzidine	252	11.175	11.181	-0.006	98	154735	10.0	8.28	
102 Benzo[a]anthracene	228	11.191	11.194	-0.003	99	424080	10.0	8.66	
* 103 Chrysene-d12	240	11.201	11.207	-0.006	97	304374	8.00	8.00	
104 Chrysene	228	11.233	11.239	-0.006	97	398250	10.0	8.67	
105 Bis(2-ethylhexyl) phthalate	149	11.284	11.287	-0.003	85	334420	10.0	9.44	
106 Di-n-octyl phthalate	149	12.153	12.160	-0.007	96	544245	10.0	9.26	
107 Benzo[b]fluoranthene	252	12.601	12.608	-0.007	96	403952	10.0	8.89	
108 Benzo[k]fluoranthene	252	12.639	12.647	-0.008	97	418045	10.0	8.63	
109 Benzo[a]pyrene	252	13.055	13.063	-0.008	94	379981	10.0	9.41	
* 110 Perylene-d12	264	13.138	13.143	-0.005	97	312069	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.705	14.713	-0.008	95	453906	10.0	10.2	
112 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	98	437145	10.0	9.04	
113 Benzo[g,h,i]perylene	276	15.131	15.142	-0.011	93	472747	10.0	9.41	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 10:26:43 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21029.D

Injection Date: 23-Jun-2023 21:16:30 Instrument ID: CBNAMS17

Lims ID: LCSD 460-917200/3-A

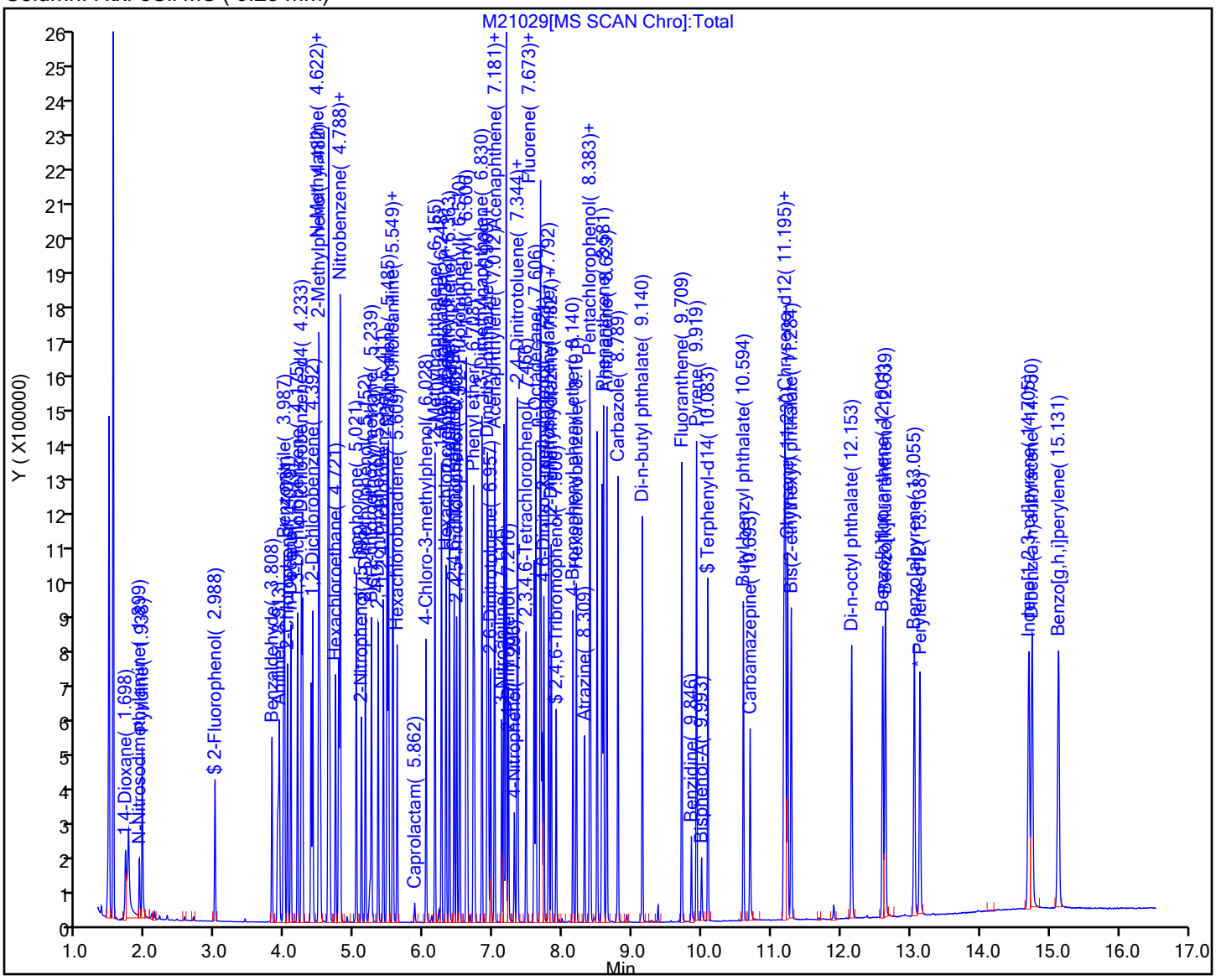
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21029.D
Lims ID: LCSD 460-917200/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2023 21:16:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:24:03 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:11:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.19	41.92
$ 6 Phenol-d5	10.0	2.79	27.94
$ 28 Nitrobenzene-d5	10.0	9.01	90.11
$ 53 2-Fluorobiphenyl	10.0	8.32	83.23
$ 80 2,4,6-Tribromophenol	10.0	8.36	83.64
$ 97 Terphenyl-d14	10.0	8.08	80.79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 MS | Lab Sample ID: 480-210122-6 MS

Matrix: Water | Lab File ID: M21045.D

Analysis Method: 8270E | Date Collected: 06/19/2023 17:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 02:53

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	87.9		10	1.1
208-96-8	Acenaphthylene	44.2		10	0.82
120-12-7	Anthracene	47.7		10	1.3
218-01-9	Chrysene	48.1		2.0	0.91
206-44-0	Fluoranthene	45.8		10	0.84
86-73-7	Fluorene	55.2		10	0.91
91-20-3	Naphthalene	43.2		2.0	0.54
85-01-8	Phenanthrene	55.6		10	1.3
129-00-0	Pyrene	54.3		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	56		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	64		51-145
1718-51-0	Terphenyl-d14 (Surr)	55		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21045.D
Lims ID: 480-210122-B-6-B MS
Client ID: MW-23S-202306
Sample Type: MS
Inject. Date: 24-Jun-2023 02:53:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:53

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.695	1.692	0.003	91	25975	10.0	1.72	
	2 N-Nitrosodimethylamine	74	1.896	1.892	0.003	97	38122	10.0	1.87	
$	4 2-Fluorophenol	112	2.984	2.988	-0.004	96	86788	10.0	2.75	
	5 Benzaldehyde	77	3.804	3.808	-0.004	98	95709	5.00	3.63	
$	6 Phenol-d5	99	3.884	3.894	-0.010	0	69676	10.0	1.81	
	7 Phenol	94	3.897	3.903	-0.010	96	73381	10.0	1.74	
	8 Aniline	93	3.913	3.913	-0.004	93	6244	10.0	0.1266	a
	9 Bis(2-chloroethyl)ether	93	3.970	3.973	-0.007	97	181278	10.0	5.83	
	10 Benzonitrile	103	3.986	3.989	-0.004	98	353931	NC	NC	
	11 2-Chlorophenol	128	4.028	4.031	-0.007	97	158144	10.0	4.76	
	13 n-Decane	43	4.076	4.083	-0.007	90	117589	10.0	4.26	
	14 1,3-Dichlorobenzene	146	4.175	4.178	-0.003	96	159441	10.0	4.35	
*	15 1,4-Dichlorobenzene-d4	152	4.229	4.233	-0.004	97	180286	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.245	4.252	-0.007	95	163808	10.0	4.44	
	12 2-Toluidine	107	4.287	4.316	-0.030	42	147		NC	
	17 Benzyl alcohol	108	4.366	4.373	-0.007	94	60700	10.0	2.94	
	19 1,2-Dichlorobenzene	146	4.392	4.396	-0.004	97	160485	10.0	4.59	
	20 2-Methylphenol	108	4.482	4.487	-0.010	88	115766	10.0	3.94	
	21 2,2'-oxybis[1-chloropropane]	45	4.497	4.500	-0.007	95	227295	10.0	6.21	
	24 N-Methylaniline	106	4.616	4.615	-0.003	68	37821	10.0	0.8302	a
	26 Acetophenone	105	4.619	4.624	-0.010	94	265180	10.0	5.97	
	25 N-Nitrosodi-n-propylamine	70	4.622	4.624	-0.007	82	133858	10.0	6.37	
	22 4-Methylphenol	108	4.635	4.640	-0.010	97	111476	10.0	3.39	
	23 3 & 4 Methylphenol	108	4.635	4.644	-0.010	0	111476	10.0	3.39	
	27 Hexachloroethane	117	4.721	4.720	-0.004	92	67757	10.0	4.82	
$	28 Nitrobenzene-d5	82	4.766	4.773	-0.007	86	200385	10.0	6.42	
	29 Nitrobenzene	123	4.785	4.787	-0.007	98	89374	10.0	5.98	
	30 n,n'-Dimethylaniline	120	4.788	4.794	-0.007	94	53256	10.0	1.18	
	31 Isophorone	82	5.018	5.020	-0.007	99	329683	10.0	5.86	
	32 2-Nitrophenol	139	5.095	5.093	-0.003	94	90750	10.0	5.92	
	33 2,4-Dimethylphenol	122	5.149	5.151	-0.007	90	108967	10.0	4.35	
	35 Bis(2-chloroethoxy)methane	93	5.239	5.237	-0.003	99	225798	10.0	6.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.213	5.252	-0.039	76	26711	10.0	2.11	
36 2,4-Dichlorophenol	162	5.335	5.336	-0.006	97	133768	10.0	5.33	
37 1,2,4-Trichlorobenzene	180	5.408	5.415	-0.007	95	127210	10.0	4.62	
* 38 Naphthalene-d8	136	5.462	5.469	-0.007	99	654501	8.00	8.00	
39 Naphthalene	128	5.485	5.488	-0.003	99	496866	10.0	5.40	
40 4-Chloroaniline	127	5.542	5.543	-0.007	96	40428	10.0	1.08	
41 2,6-Dichlorophenol	162	5.549	5.550	-0.006	97	138166	10.0	5.58	
42 Hexachlorobutadiene	225	5.610	5.607	-0.003	94	63048	10.0	4.48	
44 Caprolactam	113	5.859	5.866	-0.013	90	2950	5.00	0.5452	
45 4-Chloro-3-methylphenol	107	6.025	6.025	-0.006	96	123419	10.0	5.09	
46 2-Methylnaphthalene	142	6.153	6.156	-0.003	83	364953	10.0	6.60	
47 1-Methylnaphthalene	142	6.249	6.252	-0.003	93	634841	10.0	12.4	
48 Hexachlorocyclopentadiene	237	6.306	6.302	-0.003	96	14367	10.0	0.8441	
49 1,2,4,5-Tetrachlorobenzene	216	6.313	6.312	-0.006	96	122388	10.0	4.85	
50 2-tertbutyl-4-methylphenol	149	6.361	6.361	-0.006	88	169506	10.0	5.70	
51 2,4,6-Trichlorophenol	196	6.428	6.427	-0.006	88	93068	10.0	5.70	
52 2,4,5-Trichlorophenol	196	6.463	6.465	-0.009	95	97240	10.0	5.47	
$ 53 2-Fluorobiphenyl	172	6.511	6.514	-0.003	97	322551	10.0	5.62	
54 1,1'-Biphenyl	154	6.604	6.606	-0.002	97	380384	10.0	5.84	
55 2-Chloronaphthalene	162	6.616	6.615	-0.006	97	283363	10.0	5.37	
56 Phenyl ether	170	6.706	6.712	-0.006	86	194608	10.0	5.79	
57 2-Nitroaniline	65	6.722	6.717	-0.003	97	99134	10.0	6.02	
58 1,3-Dimethylnaphthalene	156	6.828	6.833	-0.005	90	304999	10.0	8.07	
59 Dimethyl phthalate	163	6.904	6.902	-0.006	98	245400	10.0	4.40	
60 Coumarin	146	6.914	6.913	-0.006	80	91443	10.0	4.78	
61 2,6-Dinitrotoluene	165	6.956	6.953	-0.005	95	70185	10.0	6.12	
62 Acenaphthylene	152	7.010	7.008	-0.006	97	464696	10.0	5.52	
63 3-Nitroaniline	138	7.112	7.113	-0.009	95	54955	10.0	3.87	
* 64 Acenaphthene-d10	164	7.147	7.153	-0.006	96	316966	8.00	8.00	
66 Acenaphthene	154	7.179	7.182	-0.003	97	507321	10.0	11.0	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.179	7.177	-0.006	97	167893	10.0	4.90	
67 2,4-Dinitrophenol	184	7.211	7.209	-0.006	96	65404	20.0	10.3	
68 4-Nitrophenol	65	7.295	7.298	-0.011	91	33697	20.0	3.65	
69 2,4-Dinitrotoluene	165	7.336	7.333	-0.006	95	90227	10.0	6.16	
70 Dibenzofuran	168	7.343	7.348	-0.005	96	401088	10.0	5.68	
71 2,3,4,6-Tetrachlorophenol	232	7.464	7.461	-0.005	91	72100	10.0	5.51	
72 Diethyl phthalate	149	7.579	7.577	-0.006	97	272308	10.0	4.89	
73 n-Octadecane	57	7.605	7.610	-0.005	91	209701	10.0	6.76	
74 Fluorene	166	7.669	7.665	-0.005	93	377854	10.0	6.90	
75 4-Chlorophenyl phenyl ether	204	7.678	7.672	-0.002	86	134955	10.0	5.51	
76 4-Nitroaniline	138	7.694	7.694	-0.009	87	59225	10.0	4.23	
77 4,6-Dinitro-2-methylphenol	198	7.720	7.719	-0.005	81	90162	20.0	12.4	
78 N-Nitrosodiphenylamine	169	7.790	7.790	-0.006	93	157815	10.0	4.51	
79 1,2-Diphenylhydrazine	77	7.826	7.831	-0.005	55	359412	10.0	6.65	
131 Azobenzene	77	7.826	7.831	-0.005	96	360269	10.0	6.65	
$ 80 2,4,6-Tribromophenol	330	7.899	7.904	-0.005	93	54379	10.0	5.75	
83 4-Bromophenyl phenyl ether	248	8.139	8.140	-0.008	86	76621	10.0	5.79	
84 Hexachlorobenzene	284	8.190	8.188	-0.005	99	98835	10.0	5.64	
81 1-Naphthylamine	143	8.139	8.220	-0.089	51	7031		NC	
85 Atrazine	200	8.308	8.303	-0.002	89	41478	5.00	3.78	
86 Pentachlorophenol	266	8.382	8.380	-0.005	93	118058	20.0	11.7	
87 Pentachloronitrobenzene	237	8.391	8.390	-0.005	88	35697	10.0	6.54	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
82 2-Naphthylamine	143	8.382	8.456	-0.080	58	12799		NC	
* 88 Phenanthrene-d10	188	8.558	8.563	-0.005	99	505211	8.00	8.00	
89 Phenanthrene	178	8.580	8.585	-0.005	98	482255	10.0	6.95	
90 Anthracene	178	8.628	8.633	-0.005	97	424285	10.0	5.96	
91 Carbazole	167	8.788	8.786	-0.005	96	377850	10.0	5.81	
92 Di-n-butyl phthalate	149	9.139	9.137	-0.005	99	473431	10.0	5.89	
93 Fluoranthene	202	9.705	9.701	-0.005	96	391179	10.0	5.72	
95 Pyrene	202	9.919	9.916	-0.005	95	403857	10.0	6.79	
96 Bisphenol-A	213	9.992	9.998	-0.006	96	34963	5.00	1.74	
$ 97 Terphenyl-d14	244	10.082	10.087	-0.005	97	231115	10.0	5.46	
98 Butyl benzyl phthalate	149	10.593	10.588	-0.006	97	165722	10.0	6.16	
100 Carbamazepine	193	10.688	10.695	-0.007	92	98900	10.0	5.12	
101 3,3'-Dichlorobenzidine	252	11.174	11.170	-0.007	98	50108	10.0	2.42	
102 Benzo[a]anthracene	228	11.187	11.194	-0.007	99	319893	10.0	5.90	
* 103 Chrysene-d12	240	11.200	11.207	-0.007	98	336768	8.00	8.00	
104 Chrysene	228	11.229	11.239	-0.010	98	305641	10.0	6.01	
105 Bis(2-ethylhexyl) phthalate	149	11.280	11.287	-0.007	85	260096	10.0	6.64	
106 Di-n-octyl phthalate	149	12.152	12.155	-0.008	96	407277	10.0	6.42	
107 Benzo[b]fluoranthene	252	12.596	12.602	-0.012	95	291188	10.0	5.94	
108 Benzo[k]fluoranthene	252	12.637	12.641	-0.010	97	303685	10.0	5.81	
109 Benzo[a]pyrene	252	13.053	13.063	-0.010	94	275798	10.0	6.33	
* 110 Perylene-d12	264	13.136	13.143	-0.007	96	336799	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.699	14.706	-0.014	95	299110	10.0	6.23	
112 Dibenz(a,h)anthracene	278	14.747	14.754	-0.014	96	290748	10.0	5.57	
113 Benzo[g,h,i]perylene	276	15.125	15.135	-0.017	93	326780	10.0	6.02	
S 119 Total Cresols	1				0			7.33	
126 4,4'-DDT	235	6.306	6.279	0.027	74	8755		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Review Flags

a - User Assigned ID

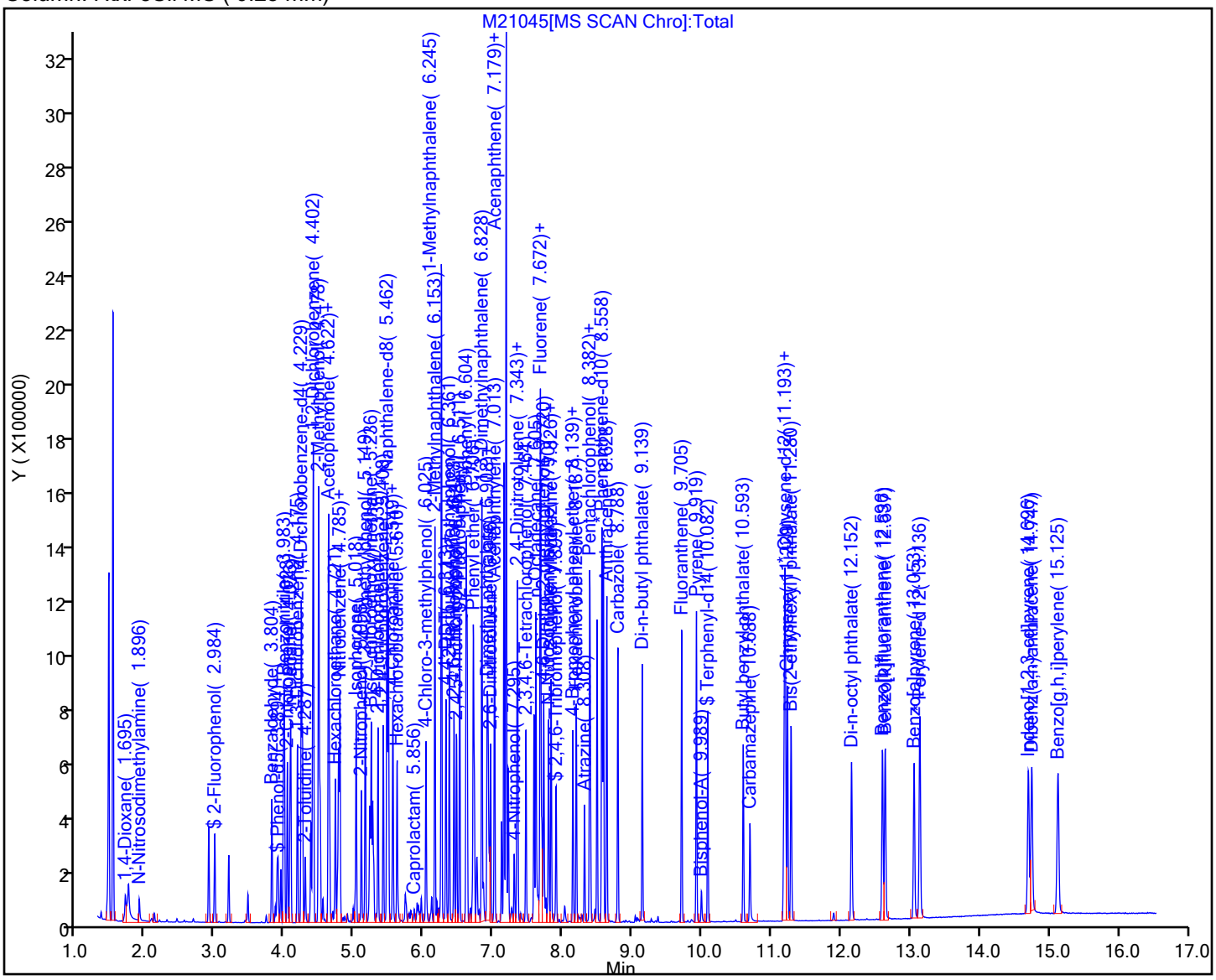
Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 10:37:08 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21045.D
Injection Date: 24-Jun-2023 02:53:30 Instrument ID: CBNAMS17
Lims ID: 480-210122-B-6-B MS
Client ID: MW-23S-202306
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21045.D
Lims ID: 480-210122-B-6-B MS
Client ID: MW-23S-202306
Sample Type: MS
Inject. Date: 24-Jun-2023 02:53:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:34:58 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:26:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	2.75	27.52
$ 6 Phenol-d5	10.0	1.81	18.12
$ 28 Nitrobenzene-d5	10.0	6.42	64.25
$ 53 2-Fluorobiphenyl	10.0	5.62	56.21
$ 80 2,4,6-Tribromophenol	10.0	5.75	57.53
$ 97 Terphenyl-d14	10.0	5.46	54.61

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 MSD | Lab Sample ID: 480-210122-6 MSD

Matrix: Water | Lab File ID: M21046.D

Analysis Method: 8270E | Date Collected: 06/19/2023 17:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 03:14

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.: 917328 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	165		10	1.1
208-96-8	Acenaphthylene	80.6		10	0.82
120-12-7	Anthracene	91.3		10	1.3
218-01-9	Chrysene	90.2		2.0	0.91
206-44-0	Fluoranthene	87.8		10	0.84
86-73-7	Fluorene	103		10	0.91
91-20-3	Naphthalene	173		2.0	0.54
85-01-8	Phenanthrene	107		10	1.3
129-00-0	Pyrene	99.5		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	107		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	119		51-145
1718-51-0	Terphenyl-d14 (Surr)	119		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21046.D
Lims ID: 480-210122-A-6-A MSD
Client ID: MW-23S-202306
Sample Type: MSD
Inject. Date: 24-Jun-2023 03:14:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-023
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:10

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.692	1.692	0.000	92	56369	10.0	4.25	
	2 N-Nitrosodimethylamine	74	1.893	1.892	0.000	97	93985	10.0	5.25	
$	4 2-Fluorophenol	112	2.984	2.988	-0.004	97	194412	10.0	7.03	
	5 Benzaldehyde	77	3.805	3.808	-0.003	97	160635	5.00	6.94	E
$	6 Phenol-d5	99	3.885	3.894	-0.010	0	175815	10.0	5.22	
	7 Phenol	94	3.897	3.903	-0.010	98	184598	10.0	4.99	
	8 Aniline	93	3.913	3.913	-0.004	85	13776	10.0	0.3187	a
	9 Bis(2-chloroethyl)ether	93	3.974	3.973	-0.003	97	294561	10.0	10.8	
	10 Benzonitrile	103	3.987	3.989	-0.003	98	574062	NC	NC	
	11 2-Chlorophenol	128	4.028	4.031	-0.007	96	282010	10.0	9.68	
	13 n-Decane	43	4.079	4.083	-0.004	90	192305	10.0	7.94	
	14 1,3-Dichlorobenzene	146	4.175	4.178	-0.003	96	268873	10.0	8.37	
*	15 1,4-Dichlorobenzene-d4	152	4.230	4.233	-0.003	96	158059	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.246	4.252	-0.006	94	276301	10.0	8.55	
	12 2-Toluidine	107	4.287	4.316	-0.030	50	555		NC	
	17 Benzyl alcohol	108	4.367	4.373	-0.006	94	134912	10.0	7.45	
	19 1,2-Dichlorobenzene	146	4.393	4.396	-0.003	97	266970	10.0	8.71	
	20 2-Methylphenol	108	4.485	4.487	-0.007	88	230758	10.0	8.97	
	21 2,2'-oxybis[1-chloropropane]	45	4.501	4.500	-0.003	92	363785	10.0	11.3	a
	24 N-Methylaniline	106	4.619	4.615	0.000	68	58581	10.0	1.47	a
	26 Acetophenone	105	4.623	4.624	-0.006	91	420795	10.0	10.8	
	25 N-Nitrosodi-n-propylamine	70	4.626	4.624	-0.003	81	212921	10.0	11.6	
	22 4-Methylphenol	108	4.639	4.640	-0.006	97	227121	10.0	7.88	
	23 3 & 4 Methylphenol	108	4.639	4.644	-0.006	0	227121	10.0	7.88	
	27 Hexachloroethane	117	4.722	4.720	-0.003	94	113965	10.0	9.24	
$	28 Nitrobenzene-d5	82	4.766	4.773	-0.007	86	323312	10.0	11.9	
	29 Nitrobenzene	123	4.786	4.787	-0.006	98	147999	10.0	11.3	
	30 n,n'-Dimethylaniline	120	4.789	4.794	-0.006	95	84213	10.0	2.12	
	31 Isophorone	82	5.022	5.020	-0.003	99	529074	10.0	10.8	
	32 2-Nitrophenol	139	5.096	5.093	-0.002	94	149866	10.0	11.2	
	33 2,4-Dimethylphenol	122	5.150	5.151	-0.006	92	195889	10.0	8.96	
	35 Bis(2-chloroethoxy)methane	93	5.239	5.237	-0.003	99	364224	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.233	5.252	-0.019	92	75615	10.0	5.56	
36 2,4-Dichlorophenol	162	5.335	5.336	-0.006	96	227013	10.0	10.4	
37 1,2,4-Trichlorobenzene	180	5.412	5.415	-0.003	94	212058	10.0	8.81	
* 38 Naphthalene-d8	136	5.463	5.469	-0.006	99	571550	8.00	8.00	
39 Naphthalene	128	5.486	5.488	-0.002	99	1739441	10.0	21.7	
40 4-Chloroaniline	127	5.543	5.543	-0.006	97	62926	10.0	1.93	
41 2,6-Dichlorophenol	162	5.550	5.550	-0.005	98	225797	10.0	10.4	
42 Hexachlorobutadiene	225	5.610	5.607	-0.003	94	102690	10.0	8.36	
44 Caprolactam	113	5.866	5.866	-0.006	91	8646	5.00	1.53	
45 4-Chloro-3-methylphenol	107	6.026	6.025	-0.005	96	216741	10.0	10.2	
46 2-Methylnaphthalene	142	6.154	6.156	-0.002	84	870067	10.0	18.0	
47 1-Methylnaphthalene	142	6.250	6.252	-0.002	92	1167284	10.0	26.0	E
48 Hexachlorocyclopentadiene	237	6.307	6.302	-0.002	96	28925	10.0	1.99	
49 1,2,4,5-Tetrachlorobenzene	216	6.314	6.312	-0.005	96	206679	10.0	9.59	
50 2-tertbutyl-4-methylphenol	149	6.362	6.361	-0.005	88	285338	10.0	11.0	
51 2,4,6-Trichlorophenol	196	6.429	6.427	-0.005	88	150082	10.0	10.8	
52 2,4,5-Trichlorophenol	196	6.464	6.465	-0.008	96	158954	10.0	10.5	
$ 53 2-Fluorobiphenyl	172	6.509	6.514	-0.005	96	527011	10.0	10.7	
54 1,1'-Biphenyl	154	6.605	6.606	-0.001	97	598961	10.0	10.8	
55 2-Chloronaphthalene	162	6.618	6.615	-0.004	97	453768	10.0	10.1	
56 Phenyl ether	170	6.707	6.712	-0.005	89	306706	10.0	10.7	
57 2-Nitroaniline	65	6.723	6.717	-0.002	97	167205	10.0	11.9	
58 1,3-Dimethylnaphthalene	156	6.829	6.833	-0.004	89	479174	10.0	14.8	
59 Dimethyl phthalate	163	6.906	6.902	-0.004	98	484452	10.0	10.2	
60 Coumarin	146	6.915	6.913	-0.005	80	172489	10.0	10.3	
61 2,6-Dinitrotoluene	165	6.957	6.953	-0.004	96	113560	10.0	11.6	
62 Acenaphthylene	152	7.011	7.008	-0.005	97	724831	10.0	10.1	
63 3-Nitroaniline	138	7.114	7.113	-0.007	96	94243	10.0	7.77	
* 64 Acenaphthene-d10	164	7.149	7.153	-0.004	96	270798	8.00	8.00	
66 Acenaphthene	154	7.181	7.182	-0.001	97	812695	10.0	20.6	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.181	7.177	-0.004	97	280868	10.0	9.59	
67 2,4-Dinitrophenol	184	7.213	7.209	-0.004	95	122532	20.0	22.5	
68 4-Nitrophenol	65	7.296	7.298	-0.010	91	89362	20.0	11.3	
69 2,4-Dinitrotoluene	165	7.338	7.333	-0.004	93	148027	10.0	11.8	
70 Dibenzofuran	168	7.344	7.348	-0.004	96	639572	10.0	10.6	
71 2,3,4,6-Tetrachlorophenol	232	7.466	7.461	-0.003	91	115181	10.0	10.3	
72 Diethyl phthalate	149	7.581	7.577	-0.004	97	497830	10.0	10.5	
73 n-Octadecane	57	7.606	7.610	-0.004	91	340799	10.0	13.1	
74 Fluorene	166	7.670	7.665	-0.004	96	603565	10.0	12.9	
75 4-Chlorophenyl phenyl ether	204	7.677	7.672	-0.003	86	216116	10.0	10.3	
76 4-Nitroaniline	138	7.696	7.694	-0.007	89	109499	10.0	9.15	
77 4,6-Dinitro-2-methylphenol	198	7.722	7.719	-0.003	82	155410	20.0	25.3	
78 N-Nitrosodiphenylamine	169	7.792	7.790	-0.004	88	320323	10.0	10.9	
79 1,2-Diphenylhydrazine	77	7.827	7.831	-0.004	52	569553	10.0	12.5	
131 Azobenzene	77	7.827	7.831	-0.004	96	569553	10.0	12.5	
$ 80 2,4,6-Tribromophenol	330	7.901	7.904	-0.003	93	89372	10.0	11.1	
83 4-Bromophenyl phenyl ether	248	8.141	8.140	-0.006	86	124682	10.0	11.2	
84 Hexachlorobenzene	284	8.189	8.188	-0.006	98	158208	10.0	10.7	
81 1-Naphthylamine	143	8.141	8.220	-0.087	55	11251		NC	
85 Atrazine	200	8.307	8.303	-0.003	89	71128	5.00	7.71	E
86 Pentachlorophenol	266	8.384	8.380	-0.003	94	199022	20.0	23.4	
87 Pentachloronitrobenzene	237	8.394	8.390	-0.002	88	57142	10.0	12.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
82 2-Naphthylamine	143	8.384	8.456	-0.078	53	21233		NC	
* 88 Phenanthrene-d10	188	8.557	8.563	-0.006	99	424660	8.00	8.00	
89 Phenanthrene	178	8.579	8.585	-0.006	99	777963	10.0	13.3	
90 Anthracene	178	8.627	8.633	-0.006	97	682763	10.0	11.4	
91 Carbazole	167	8.787	8.786	-0.006	96	612650	10.0	11.2	
92 Di-n-butyl phthalate	149	9.139	9.137	-0.005	99	800863	10.0	11.8	
93 Fluoranthene	202	9.707	9.701	-0.003	96	630837	10.0	11.0	
94 Benzidine	184	9.845	9.845	-0.005	67	650	10.0	0.0191	7a
95 Pyrene	202	9.918	9.916	-0.006	95	652602	10.0	12.4	
96 Bisphenol-A	213	9.992	9.998	-0.006	96	76832	5.00	4.33	
$ 97 Terphenyl-d14	244	10.085	10.087	-0.002	97	445139	10.0	11.9	
98 Butyl benzyl phthalate	149	10.593	10.588	-0.006	97	296446	10.0	12.5	
100 Carbamazepine	193	10.692	10.695	-0.003	93	189609	10.0	11.1	
101 3,3'-Dichlorobenzidine	252	11.174	11.170	-0.007	99	144863	10.0	7.94	
102 Benzo[a]anthracene	228	11.190	11.194	-0.004	99	524454	10.0	11.0	
* 103 Chrysene-d12	240	11.200	11.207	-0.007	98	297060	8.00	8.00	
104 Chrysene	228	11.232	11.239	-0.007	97	505419	10.0	11.3	
105 Bis(2-ethylhexyl) phthalate	149	11.283	11.287	-0.004	85	447347	10.0	12.9	
106 Di-n-octyl phthalate	149	12.152	12.155	-0.008	96	716201	10.0	12.9	
107 Benzo[b]fluoranthene	252	12.600	12.602	-0.008	96	493669	10.0	11.5	
108 Benzo[k]fluoranthene	252	12.638	12.641	-0.009	98	515680	10.0	11.3	
109 Benzo[a]pyrene	252	13.057	13.063	-0.006	95	457224	10.0	12.0	
* 110 Perylene-d12	264	13.137	13.143	-0.006	96	294248	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.704	14.706	-0.009	97	517669	10.0	12.3	
112 Dibenz(a,h)anthracene	278	14.752	14.754	-0.009	95	495480	10.0	10.9	
113 Benzo[g,h,i]perylene	276	15.133	15.135	-0.010	96	553166	10.0	11.7	
S 119 Total Cresols	1				0			16.8	
126 4,4'-DDT	235	6.307	6.279	0.028	75	17919		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard
NC - Not Calibrated
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00195 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 10:38:41 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21046.D

Injection Date: 24-Jun-2023 03:14:30 Instrument ID: CBNAMS17

Lims ID: 480-210122-A-6-A MSD

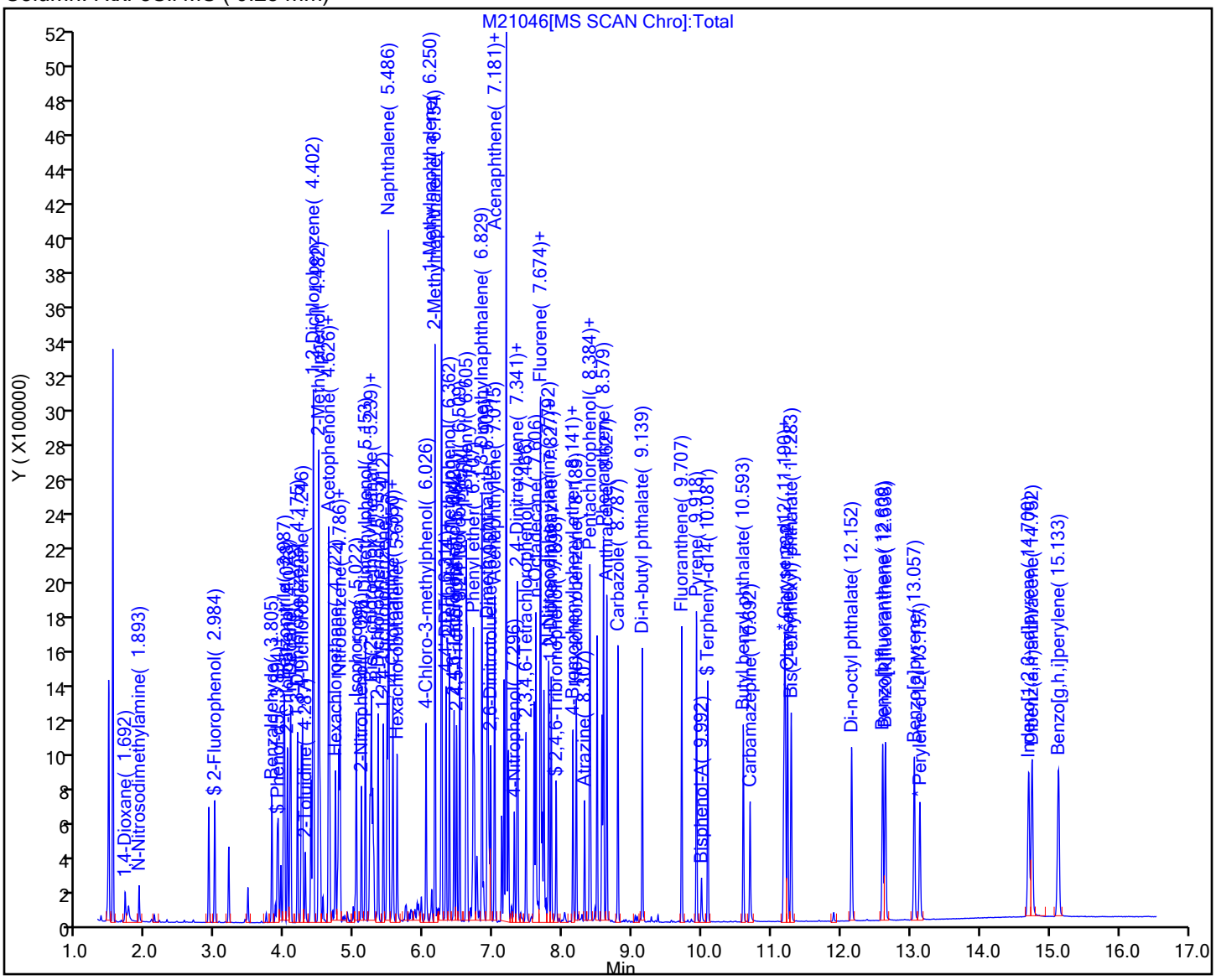
Client ID: MW-23S-202306

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\M21046.D
Lims ID: 480-210122-A-6-A MSD
Client ID: MW-23S-202306
Sample Type: MSD
Inject. Date: 24-Jun-2023 03:14:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162516-023
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20230623-162516.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 26-Jun-2023 10:38:40 Calib Date: 20-Jun-2023 12:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20230620-162303.b\M20873.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 10:27:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	7.03	70.32
$ 6 Phenol-d5	10.0	5.22	52.16
$ 28 Nitrobenzene-d5	10.0	11.9	118.70
$ 53 2-Fluorobiphenyl	10.0	10.7	107.49
$ 80 2,4,6-Tribromophenol	10.0	11.1	110.68
$ 97 Terphenyl-d14	10.0	11.9	119.23

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 06/20/2023 06:21

Analysis Batch Number: 916383 End Date: 06/20/2023 13:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-916383/1		06/20/2023 06:21	1	M20855.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-916383/2		06/20/2023 06:42	1	M20857.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-916383/3 IC		06/20/2023 07:49	1	M20859.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-916383/4 IC		06/20/2023 08:32	1	M20861.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-916383/5 IC		06/20/2023 09:13	1	M20863.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-916383/6 IC		06/20/2023 09:55	1	M20865.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-916383/7 IC		06/20/2023 10:37	1	M20867.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-916383/8 IC		06/20/2023 11:19	1	M20869.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-916383/9 IC		06/20/2023 12:01	1	M20871.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-916383/10 IC		06/20/2023 12:43	1	M20873.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-916383/11		06/20/2023 13:25	1	M20875.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 06/23/2023 19:51

Analysis Batch Number: 917328 End Date: 06/24/2023 06:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-917328/2		06/23/2023 19:51	1	M21025.D	Rtxi-5Sil MS 0.25(mm)
MB 460-917200/1-A		06/23/2023 20:34	1	M21027.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-917200/2-A		06/23/2023 20:55	1	M21028.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-917200/3-A		06/23/2023 21:16	1	M21029.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 21:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 21:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 22:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 22:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 23:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 23:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 23:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 00:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 00:25	1		Rtxi-5Sil MS 0.25(mm)
480-210122-1	MW-C11-202306	06/24/2023 00:47	1	M21039.D	Rtxi-5Sil MS 0.25(mm)
480-210122-2	MW-C12-202306	06/24/2023 01:08	1	M21040.D	Rtxi-5Sil MS 0.25(mm)
480-210122-3	MW-C16-202306	06/24/2023 01:29	1	M21041.D	Rtxi-5Sil MS 0.25(mm)
480-210122-4	MW-13S-202306	06/24/2023 01:50	1	M21042.D	Rtxi-5Sil MS 0.25(mm)
480-210122-5	MW-22S-202306	06/24/2023 02:11	1	M21043.D	Rtxi-5Sil MS 0.25(mm)
480-210122-6	MW-23S-202306	06/24/2023 02:32	1	M21044.D	Rtxi-5Sil MS 0.25(mm)
480-210122-6 MS	MW-23S-202306 MS	06/24/2023 02:53	1	M21045.D	Rtxi-5Sil MS 0.25(mm)
480-210122-6 MSD	MW-23S-202306 MSD	06/24/2023 03:14	1	M21046.D	Rtxi-5Sil MS 0.25(mm)
480-210122-7	MW-46S-202306	06/24/2023 03:35	1	M21047.D	Rtxi-5Sil MS 0.25(mm)
480-210122-8	MW-48S-202306	06/24/2023 03:56	1	M21048.D	Rtxi-5Sil MS 0.25(mm)
480-210122-9	DUP-1	06/24/2023 04:17	1	M21049.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 04:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 04:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 05:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 05:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 06:02	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 916383 Batch Start Date: 06/20/23 06:21 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SMDFTP_CH 00035	SV_BNAL1_LVI 00005	SV_BNAL2_LVI 00005	SV_BNAL3_LVI 00007	SV_BNAL4_LVI 00007
DFTPP 460-916383/1		8270E		1 mL	1 mL				
ICIS 460-916383/2		8270E		1 mL					
STD24 460-916383/3 IC		8270E		1 mL					
STD16 460-916383/4 IC		8270E		1 mL					
STD4 460-916383/5 IC		8270E		1 mL					
STD2 460-916383/6 IC		8270E		1 mL					
STD1 460-916383/7 IC		8270E		1 mL					1 mL
STD04 460-916383/8 IC		8270E		1 mL				1 mL	
STD02 460-916383/9 IC		8270E		1 mL			1 mL		
STD01 460-916383/10 IC		8270E		1 mL		1 mL			
ICV 460-916383/11		8270E		1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00007	SV_BNAL6_LVI 00008	SV_BNAL7_LVI 00008	SV_BNAL8_LVI 00007	SV_BNAL9_LVI 00006	SV_ICV_ LVI 00009
DFTPP 460-916383/1		8270E							
ICIS 460-916383/2		8270E				1 mL			
STD24 460-916383/3 IC		8270E						1 mL	
STD16 460-916383/4 IC		8270E					1 mL		
STD4 460-916383/5 IC		8270E			1 mL				
STD2 460-916383/6 IC		8270E		1 mL					
STD1 460-916383/7 IC		8270E							
STD04 460-916383/8 IC		8270E							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 916383 Batch Start Date: 06/20/23 06:21 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00007	SV_BNAL6_LVI 00008	SV_BNAL7_LVI 00008	SV_BNAL8_LVI 00007	SV_BNAL9_LVI 00006	SV_ICV_ LVI 00009
STD02 460-916383/9 IC		8270E							
STD01 460-916383/10 IC		8270E							
ICV 460-916383/11		8270E							1 mL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 917200 Batch Start Date: 06/23/23 09:38 Batch Analyst: Shukla, Sameer X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00019
MB 460-917200/1		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-917200/2		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-917200/3		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-210122-B-1	MW-C11-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-2	MW-C12-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-3	MW-C16-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-4	MW-13S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-5	MW-22S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-6	MW-23S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-6 MS	MW-23S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-210122-A-6 MSD	MW-23S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-210122-B-7	MW-46S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-8	MW-48S-202306	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-9	DUP-1	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00047	OP_BNASurroga 00026				
MB 460-917200/1		3510C, 8270E			200 uL				
LCS 460-917200/2		3510C, 8270E		200 uL	200 uL				
LCSD 460-917200/3		3510C, 8270E		200 uL	200 uL				
480-210122-B-1	MW-C11-202306	3510C, 8270E	T		200 uL				
480-210122-B-2	MW-C12-202306	3510C, 8270E	T		200 uL				
480-210122-A-3	MW-C16-202306	3510C, 8270E	T		200 uL				
480-210122-B-4	MW-13S-202306	3510C, 8270E	T		200 uL				
480-210122-A-5	MW-22S-202306	3510C, 8270E	T		200 uL				
480-210122-B-6	MW-23S-202306	3510C, 8270E	T		200 uL				
480-210122-B-6 MS	MW-23S-202306	3510C, 8270E	T	200 uL	200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 917200 Batch Start Date: 06/23/23 09:38 Batch Analyst: Shukla, Sameer X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00047	OP_BNASurroga 00026				
480-210122-A-6 MSD	MW-23S-202306	3510C, 8270E	T	200 uL	200 uL				
480-210122-B-7	MW-46S-202306	3510C, 8270E	T		200 uL				
480-210122-A-8	MW-48S-202306	3510C, 8270E	T		200 uL				
480-210122-B-9	DUP-1	3510C, 8270E	T		200 uL				

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	HC-291590
Analyst ID - Extraction	SS
Analyst ID - Spike Analyst	SS
Analyst ID - Spike Witness Analyst	NP
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	862016
Base Used to Adjust pH ID	2212A21
Prep Solvent ID	Methylene Chloride: 2862011
Na2SO4 ID	217726
Analyst ID - Concentration	SS
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 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

Semivolatile Organic Compounds (GC/MS SIM)

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C25623.D

Lab ID: LCS 460-917200/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzo[a]anthracene	2.00	1.32	66	33-139	
Benzo[a]pyrene	2.00	1.44	72	32-140	
Benzo[b]fluoranthene	2.00	1.19	60	34-136	
Benzo[g,h,i]perylene	2.00	1.57	79	20-150	
Benzo[k]fluoranthene	2.00	1.28	64	35-150	
Dibenz(a,h)anthracene	2.00	1.45	72	14-150	
Indeno[1,2,3-cd]pyrene	2.00	1.43	72	12-145	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C25624.D

Lab ID: LCSD 460-917200/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzo[a]anthracene	2.00	1.42	71	7	30	33-139	
Benzo[a]pyrene	2.00	1.52	76	6	30	32-140	
Benzo[b]fluoranthene	2.00	1.26	63	5	30	34-136	
Benzo[g,h,i]perylene	2.00	1.58	79	1	30	20-150	
Benzo[k]fluoranthene	2.00	1.32	66	2	30	35-150	
Dibenz(a,h)anthracene	2.00	1.44	72	1	30	14-150	
Indeno[1,2,3-cd]pyrene	2.00	1.47	73	2	30	12-145	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab File ID: C25622.D Lab Sample ID: MB 460-917200/1-A

Matrix: Water Date Extracted: 06/23/2023 09:38

Instrument ID: CBNAMS13 Date Analyzed: 06/23/2023 21:37

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-917200/4-A	C25623.D	06/23/2023 21:58
	LCSD 460-917200/5-A	C25624.D	06/23/2023 22:19
MW-C11-202306	480-210122-1	C25628.D	06/23/2023 23:43
MW-C12-202306	480-210122-2	C25629.D	06/24/2023 00:04
MW-13S-202306	480-210122-4	C25630.D	06/24/2023 00:25
MW-22S-202306	480-210122-5	C25631.D	06/24/2023 00:46
MW-23S-202306	480-210122-6	C25632.D	06/24/2023 01:08
MW-46S-202306	480-210122-7	C25633.D	06/24/2023 01:29
MW-48S-202306	480-210122-8	C25634.D	06/24/2023 01:50
DUP-1	480-210122-9	C25635.D	06/24/2023 02:11
MW-C16-202306	480-210122-3	C25636.D	06/24/2023 02:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab File ID: C24850.D DFTPP Injection Date: 05/23/2023

Instrument ID: CBNAMS13 DFTPP Injection Time: 10:24

Analysis Batch No.: 910866

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.6) 1
69	Present	35.8	
70	Less than 2% of m/z 69	0.2	(0.5) 1
197	Less than 2% of m/z 198	0.5	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.8	
365	Greater than 1% of Base Peak	3.6	
441	Less than 150% of m/z 443	22.5	(78.9) 3
442	Present	149.0	
443	15-24% of m/z 442	28.5	(19.1) 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 460-910866/2	C24851.D	05/23/2023	10:42
	STD7 460-910866/3	C24853.D	05/23/2023	11:26
	STD6 460-910866/4	C24855.D	05/23/2023	12:10
	STD4 460-910866/5	C24857.D	05/23/2023	12:55
	STD3 460-910866/6	C24859.D	05/23/2023	13:39
	STD2 460-910866/7	C24861.D	05/23/2023	14:23
	STD1 460-910866/8	C24863.D	05/23/2023	15:07
	ICV 460-910866/9	C24866.D	05/23/2023	16:15

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 460-910866/2 Date Analyzed: 05/23/2023 10:42

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C24851.D Heated Purge: (Y/N) N

Calibration ID: 93239

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		43138	4.40	138778	5.61	65316	7.26
UPPER LIMIT		86276	4.90	277556	6.11	130632	7.76
LOWER LIMIT		21569	3.90	69389	5.11	32658	6.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-910866/9		43364	4.39	134861	5.60	63337	7.26

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: ICIS 460-910866/2 Date Analyzed: 05/23/2023 10:42

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C24851.D Heated Purge: (Y/N) N

Calibration ID: 93239

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		117025	8.67	80160	11.29	71701	13.16
UPPER LIMIT		234050	9.17	160320	11.79	143402	13.66
LOWER LIMIT		58513	8.17	40080	10.79	35851	12.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-910866/9		114461	8.67	79386	11.28	69700	13.16

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 460-917330/2 Date Analyzed: 06/23/2023 19:45

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C25617.D Heated Purge: (Y/N) N

Calibration ID: 93239

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36884	4.36	120091	5.58	58309	7.23
UPPER LIMIT		73768	4.86	240182	6.08	116618	7.73
LOWER LIMIT		18442	3.86	60046	5.08	29155	6.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-917200/1-A		40493	4.36	128144	5.58	59821	7.23
LCS 460-917200/4-A		36043	4.36	114302	5.58	56488	7.23
LCSD 460-917200/5-A		40455	4.36	127761	5.58	62804	7.23
480-210122-1	MW-C11-202306	44426	4.37	139079	5.58	65082	7.23
480-210122-2	MW-C12-202306	43151	4.36	139323	5.58	69987	7.23
480-210122-4	MW-13S-202306	41902	4.36	132055	5.58	61469	7.23
480-210122-5	MW-22S-202306	45195	4.36	142405	5.58	67085	7.23
480-210122-6	MW-23S-202306	34287	4.36	115274	5.58	65563	7.23
480-210122-7	MW-46S-202306	48193	4.36	161044	5.58	85329	7.23
480-210122-8	MW-48S-202306	44275	4.36	141539	5.58	72343	7.23
480-210122-9	DUP-1	48028	4.37	153935	5.58	75383	7.23
480-210122-3	MW-C16-202306	40369	4.36	128725	5.58	63747	7.23

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Sample No.: CCVIS 460-917330/2 Date Analyzed: 06/23/2023 19:45

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C25617.D Heated Purge: (Y/N) N

Calibration ID: 93239

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		102023	8.63	75199	11.25	84509	13.11
UPPER LIMIT		204046	9.13	150398	11.75	169018	13.61
LOWER LIMIT		51012	8.13	37600	10.75	42255	12.61
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-917200/1-A		102835	8.63	58680	11.25	63596	13.11
LCS 460-917200/4-A		101144	8.63	63665	11.25	63064	13.11
LCSD 460-917200/5-A		106981	8.63	66103	11.25	64436	13.11
480-210122-1	MW-C11-202306	113604	8.63	66565	11.25	67190	13.11
480-210122-2	MW-C12-202306	121199	8.63	72176	11.25	70708	13.11
480-210122-4	MW-13S-202306	108876	8.63	63839	11.25	63720	13.11
480-210122-5	MW-22S-202306	120533	8.63	71968	11.25	71985	13.11
480-210122-6	MW-23S-202306	109368	8.63	66334	11.25	60292	13.11
480-210122-7	MW-46S-202306	143720	8.63	89345	11.25	85660	13.11
480-210122-8	MW-48S-202306	128554	8.63	73920	11.25	71773	13.11
480-210122-9	DUP-1	131728	8.63	75903	11.25	75180	13.11
480-210122-3	MW-C16-202306	116366	8.63	76888	11.25	80840	13.11

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C11-202306 | Lab Sample ID: 480-210122-1

Matrix: Water | Lab File ID: C25628.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 11:55

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 23:43

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.027	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25628.D
Lims ID: 480-210122-B-1-A
Client ID: MW-C11-202306
Sample Type: Client
Inject. Date: 23-Jun-2023 23:43:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-013
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: maheseep Date: 26-Jun-2023 11:23:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.365	4.360	0.005	100	44426	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	139079	0.2000	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	99	65082	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	113604	0.2000	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	91	1373	0.003423	
* 25 Chrysene-d12	240	11.248	11.248	0.000	100	66565	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	67190	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

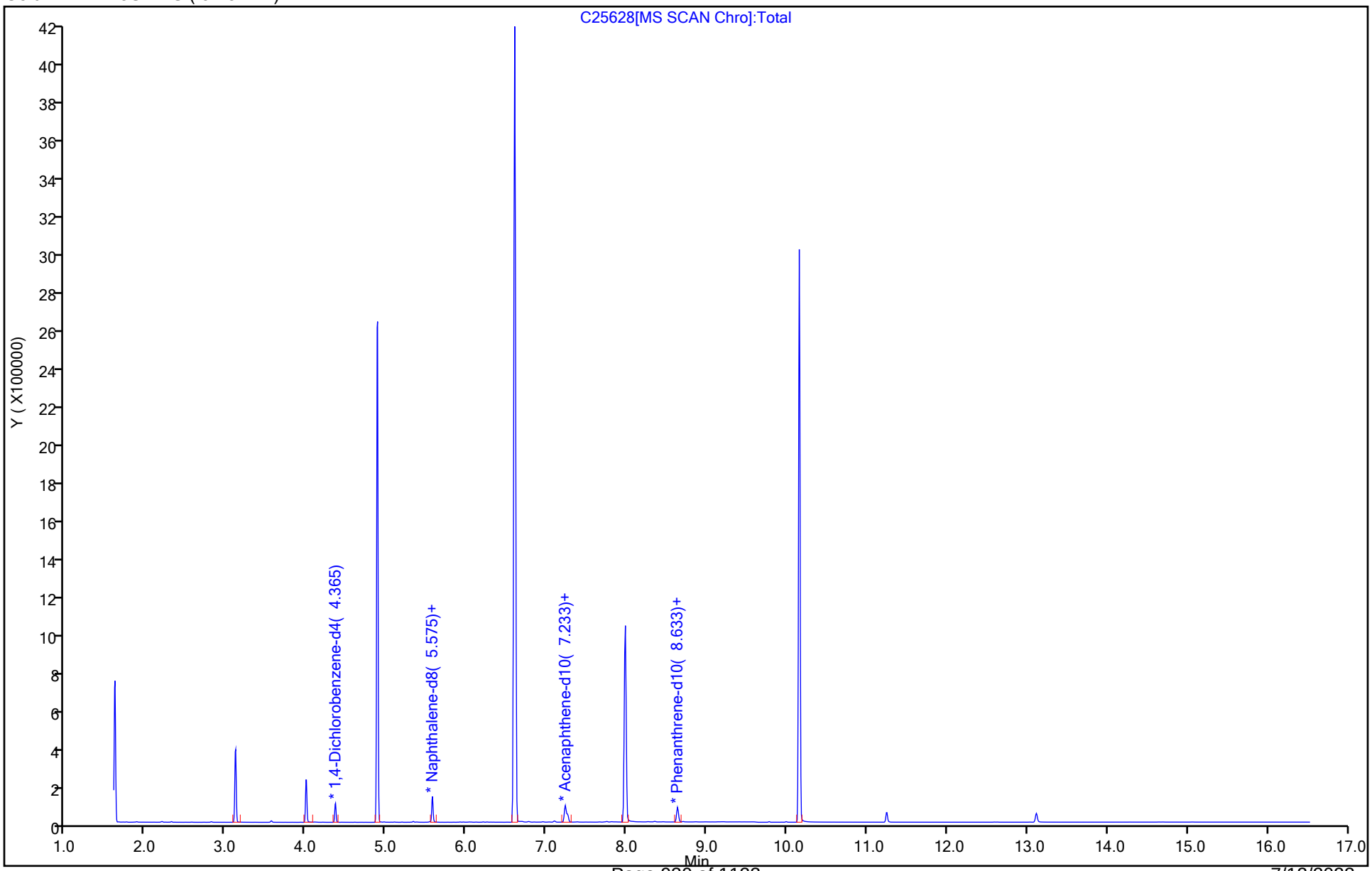
Report Date: 26-Jun-2023 11:23:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25628.D

Injection Date:	23-Jun-2023 23:43:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-1-A	Lab Sample ID:	460-210122-1	Worklist Smp#:	13
Client ID:	MW-C11-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25628.D				
Lims ID:	480-210122-B-1-A				
Client ID:	MW-C11-202306				
Sample Type:	Client				
Inject. Date:	23-Jun-2023 23:43:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-013				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:04:33	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: maheseep		Date:	26-Jun-2023 11:23:23		

Compound	Amount Added	Amount Recovered	% Rec.

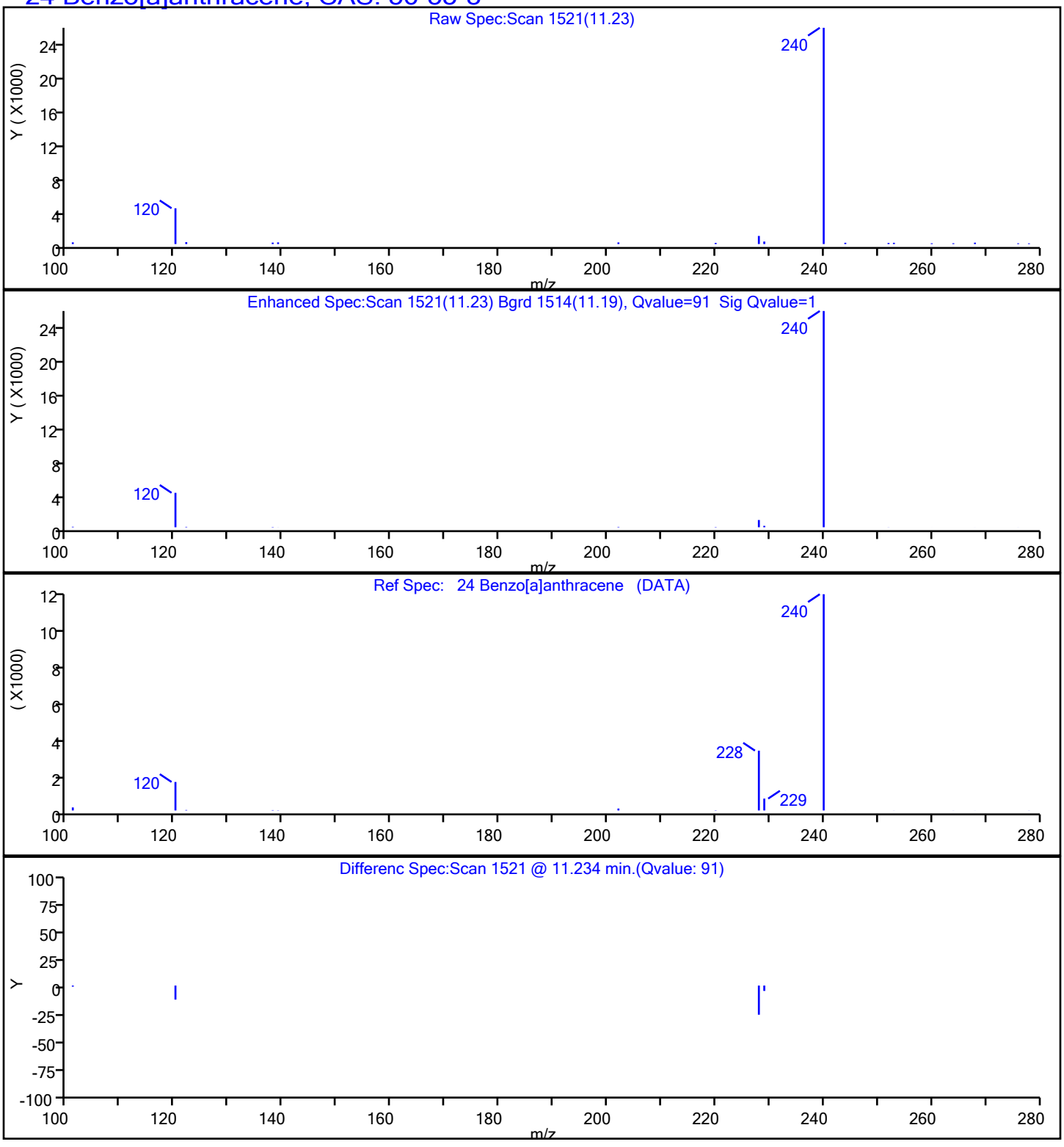
Report Date: 26-Jun-2023 11:23:24 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25628.D

Injection Date:	23-Jun-2023 23:43:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-1-A	Lab Sample ID:	460-210122-1		
Client ID:	MW-C11-202306				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C12-202306 | Lab Sample ID: 480-210122-2

Matrix: Water | Lab File ID: C25629.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 13:20

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 00:04

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25629.D
Lims ID: 480-210122-B-2-A
Client ID: MW-C12-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:04:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-014
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:53:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	43151	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	139323	0.2000	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	98	69987	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	121199	0.2000	
* 25 Chrysene-d12	240	11.247	11.248	-0.001	99	72176	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	70708	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

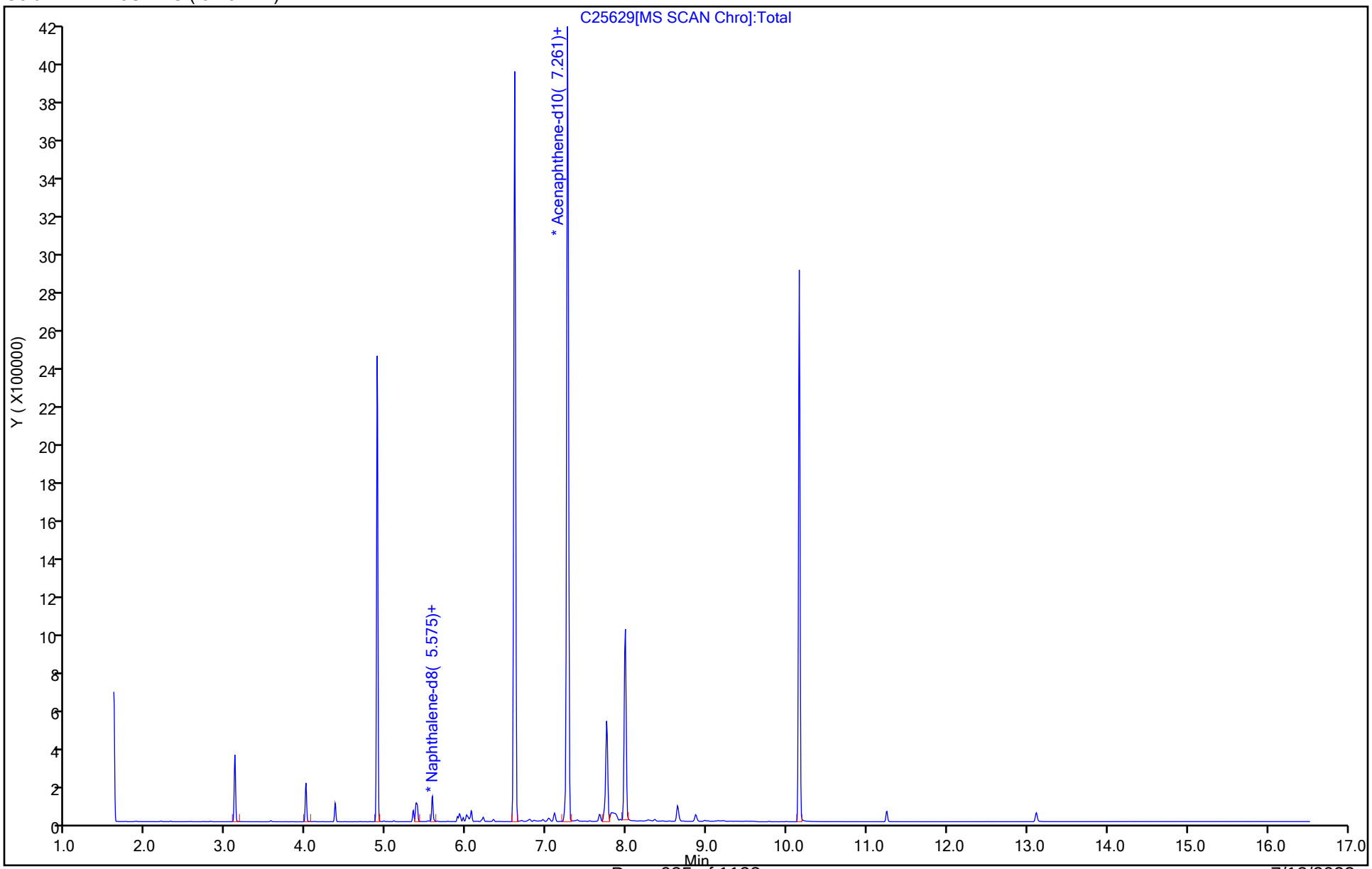
Report Date: 26-Jun-2023 11:23:33 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25629.D

Injection Date:	24-Jun-2023 00:04:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-2-A	Lab Sample ID:	460-210122-2	Worklist Smp#:	14
Client ID:	MW-C12-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25629.D				
Lims ID:	480-210122-B-2-A				
Client ID:	MW-C12-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 00:04:30	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-014				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:04:33	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:53:12		

Compound	Amount Added	Amount Recovered	% Rec.

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-C16-202306 | Lab Sample ID: 480-210122-3

Matrix: Water | Lab File ID: C25636.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 14:25

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 02:32

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.022	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25636.D
Lims ID: 480-210122-A-3-A
Client ID: MW-C16-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 02:32:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-021
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:24:29 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:54:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	40369	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	128725	0.2000	
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	98	63747	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	116366	0.2000	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	90	1301	0.002808	
* 25 Chrysene-d12	240	11.248	11.248	0.000	99	76888	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	80840	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

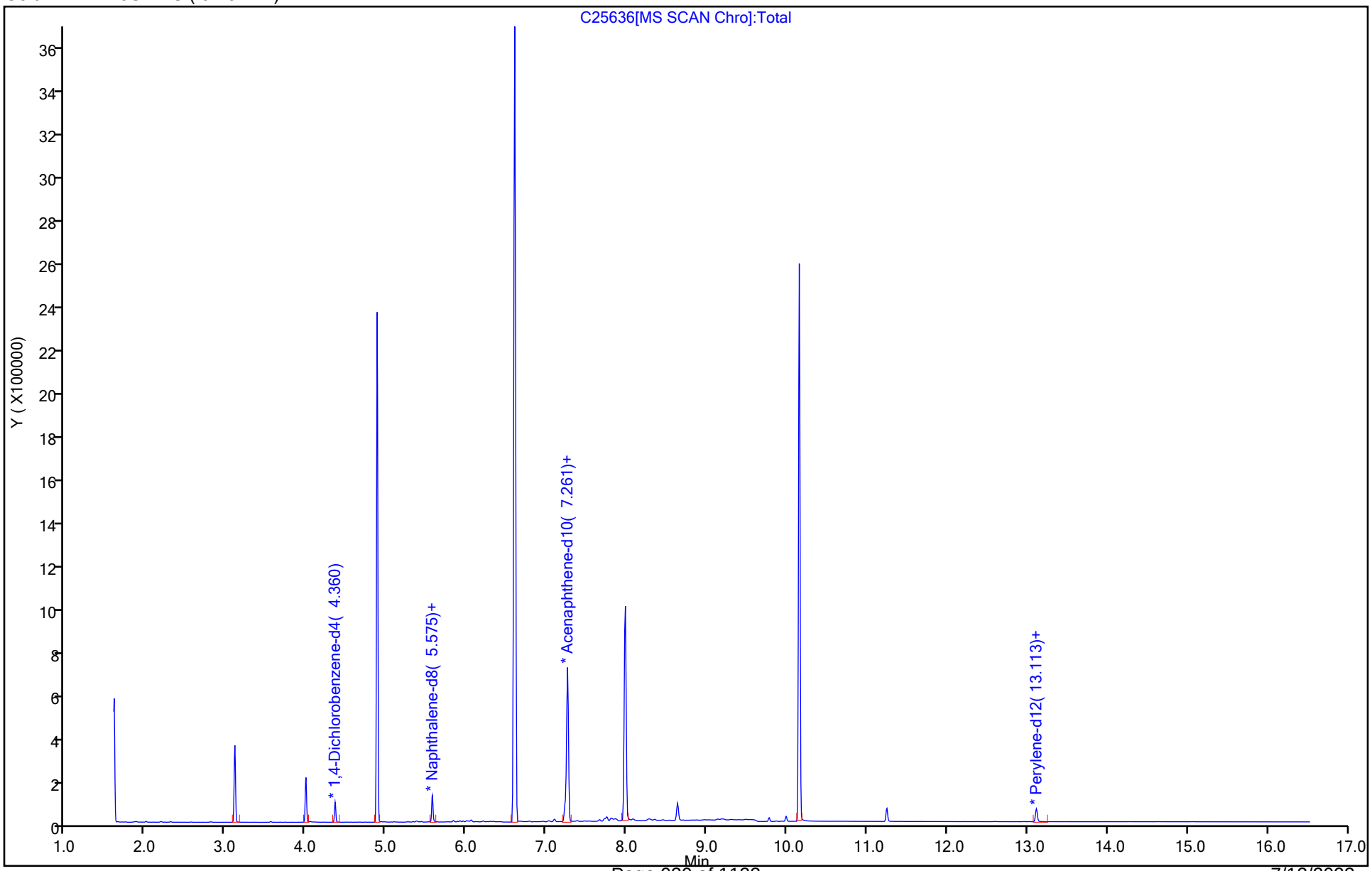
Report Date: 26-Jun-2023 11:25:05 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25636.D

Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-A-3-A	Lab Sample ID:	460-210122-3	Worklist Smp#:	21
Client ID:	MW-C16-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25636.D				
Lims ID:	480-210122-A-3-A				
Client ID:	MW-C16-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 02:32:30	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-021				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:24:29	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:54:36		

Compound	Amount Added	Amount Recovered	% Rec.

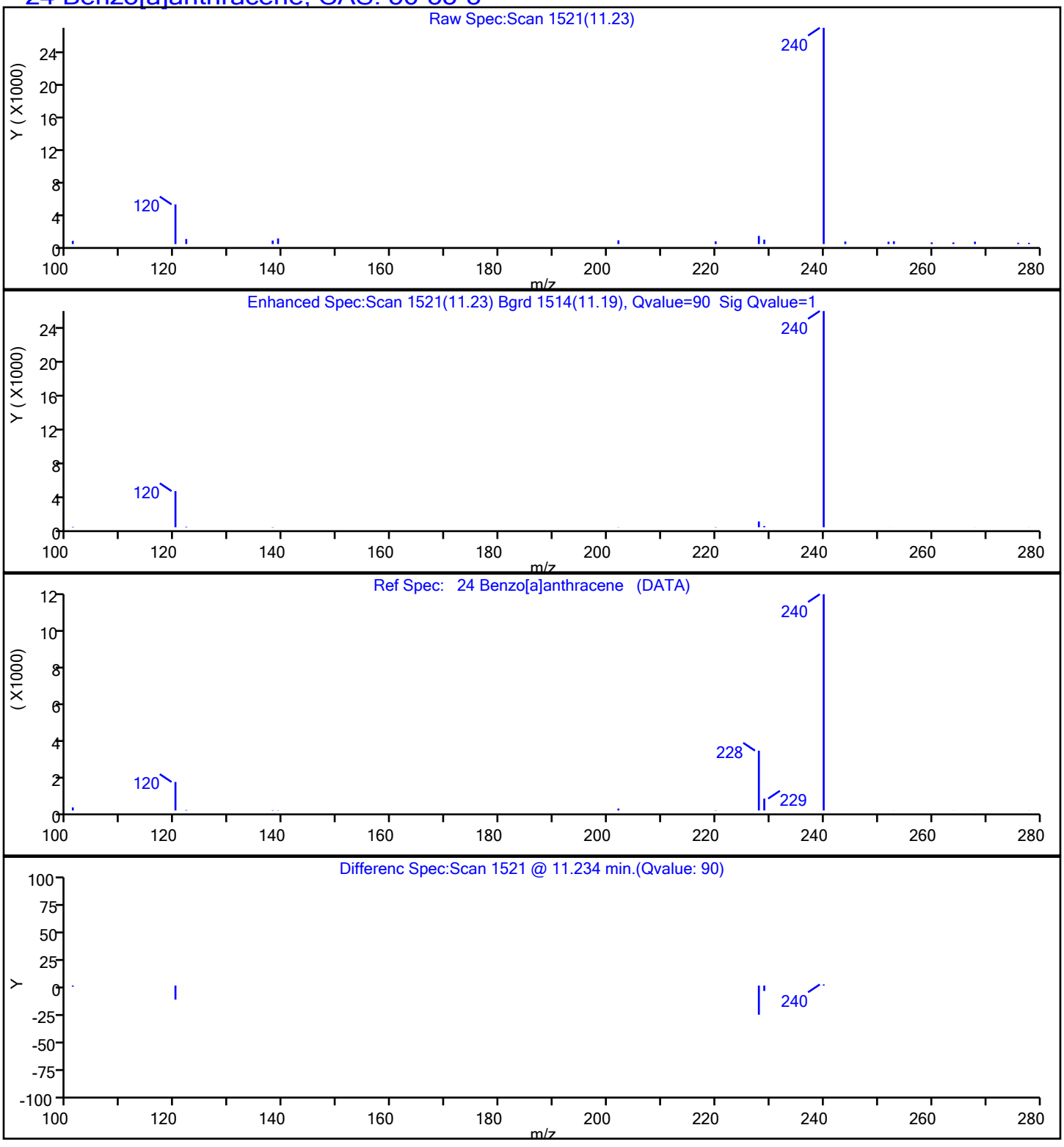
Report Date: 26-Jun-2023 11:25:05 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25636.D

Injection Date:	24-Jun-2023 02:32:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-A-3-A	Lab Sample ID:	460-210122-3		
Client ID:	MW-C16-202306				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-13S-202306 | Lab Sample ID: 480-210122-4

Matrix: Water | Lab File ID: C25630.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 16:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 00:25

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25630.D
Lims ID: 480-210122-B-4-A
Client ID: MW-13S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:25:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-015
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:53:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	41902	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	132055	0.2000	
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	98	61469	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	108876	0.2000	
* 25 Chrysene-d12	240	11.248	11.248	0.000	99	63839	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	63720	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

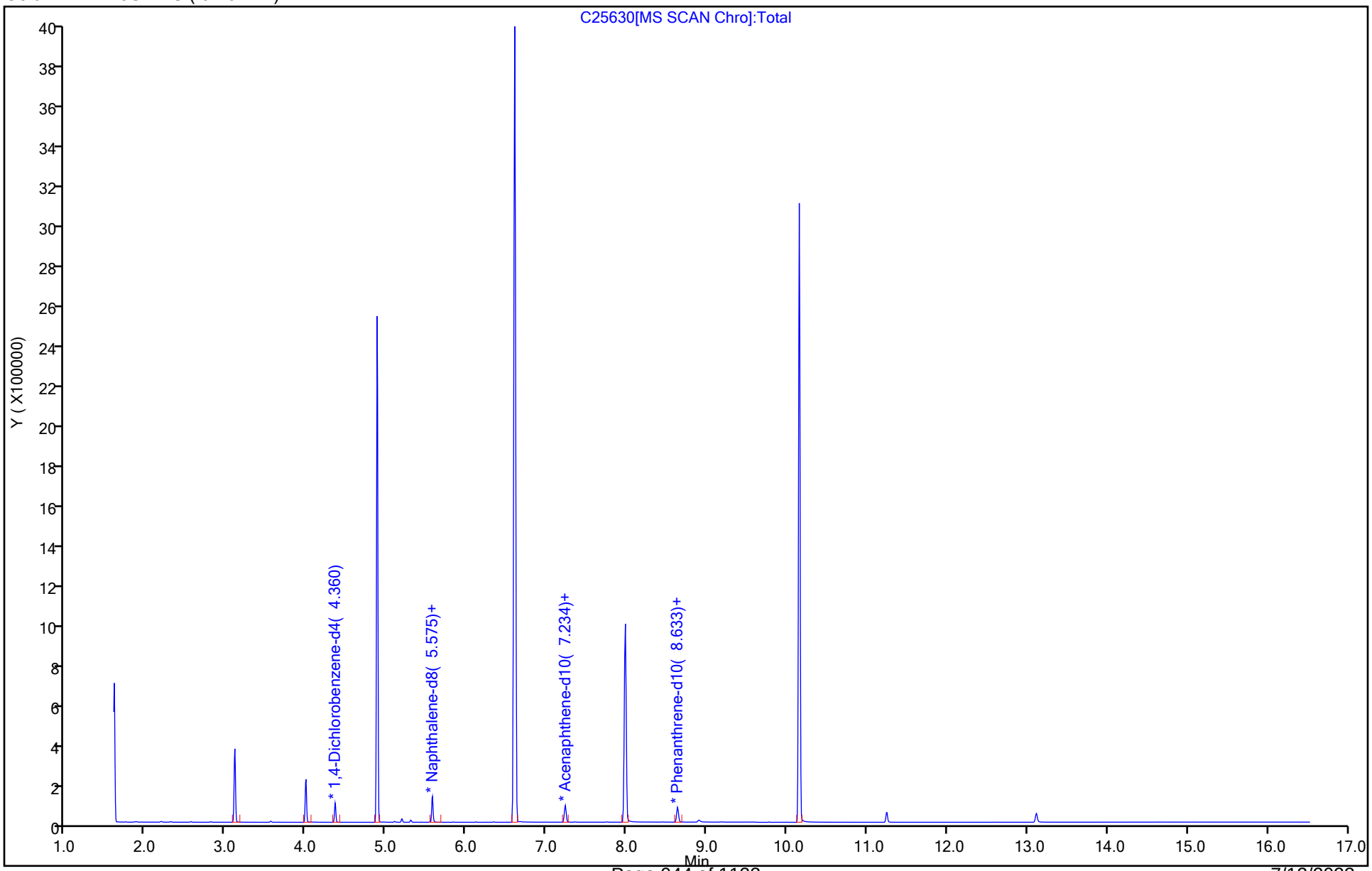
Report Date: 26-Jun-2023 11:23:49 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25630.D

Injection Date:	24-Jun-2023 00:25:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-4-A	Lab Sample ID:	460-210122-4	Worklist Smp#:	15
Client ID:	MW-13S-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25630.D				
Lims ID:	480-210122-B-4-A				
Client ID:	MW-13S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 00:25:30	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-015				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:04:33	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:53:16		

Compound	Amount Added	Amount Recovered	% Rec.

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-22S-202306 | Lab Sample ID: 480-210122-5

Matrix: Water | Lab File ID: C25631.D

Analysis Method: 8270E SIM | Date Collected: 06/20/2023 00:00

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 00:46

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25631.D
Lims ID: 480-210122-A-5-A
Client ID: MW-22S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 00:46:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-016
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:53:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	45195	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	100	142405	0.2000	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	98	67085	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	120533	0.2000	
* 25 Chrysene-d12	240	11.247	11.248	-0.001	99	71968	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	71985	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

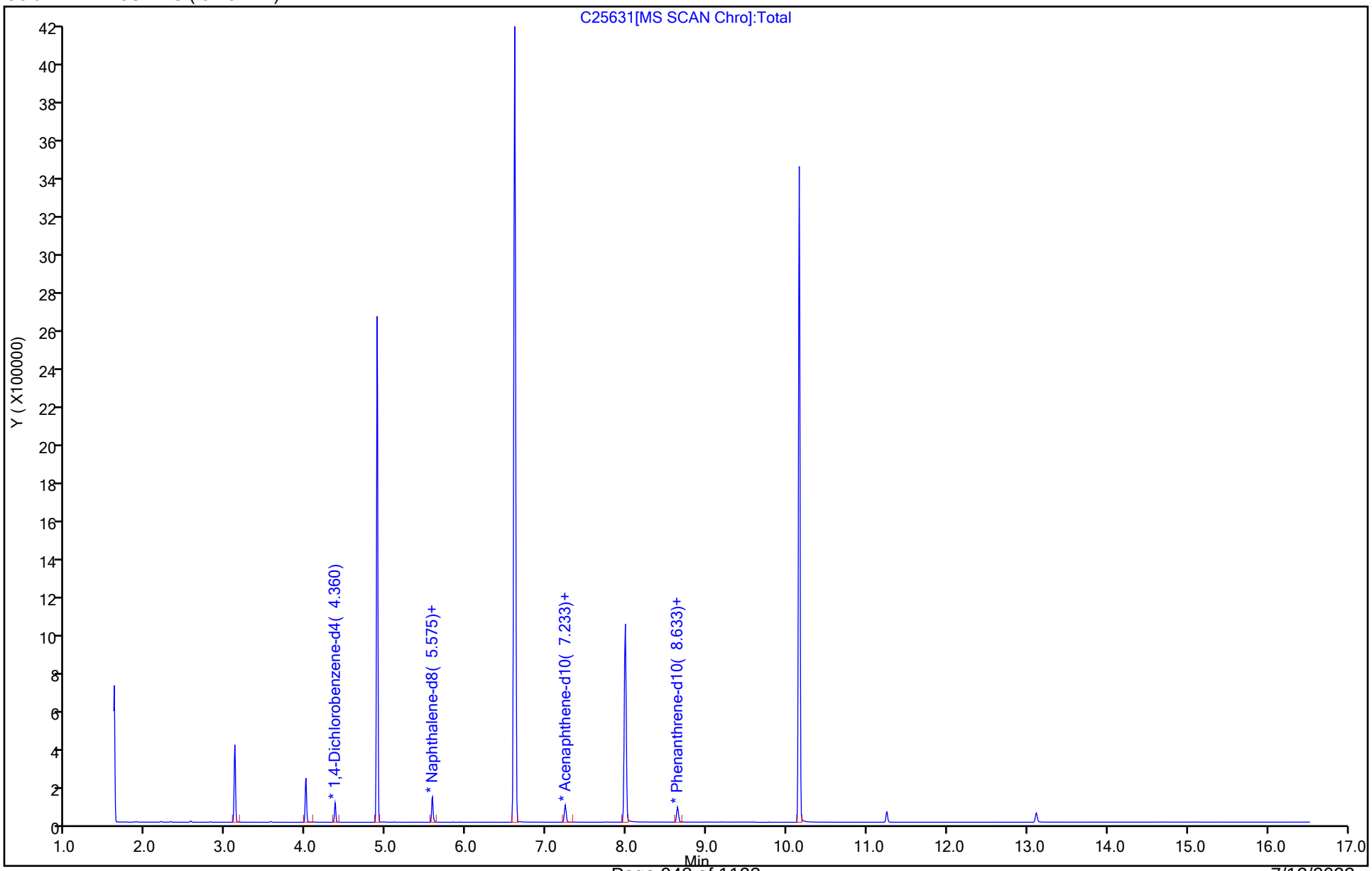
Report Date: 26-Jun-2023 11:24:00 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25631.D

Injection Date:	24-Jun-2023 00:46:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-A-5-A	Lab Sample ID:	460-210122-5	Worklist Smp#:	16
Client ID:	MW-22S-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25631.D				
Lims ID:	480-210122-A-5-A				
Client ID:	MW-22S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 00:46:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-016				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:04:33	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:53:20		

Compound	Amount Added	Amount Recovered	% Rec.

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-23S-202306 | Lab Sample ID: 480-210122-6

Matrix: Water | Lab File ID: C25632.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 17:10

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:08

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.090		0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25632.D
Lims ID: 480-210122-B-6-A
Client ID: MW-23S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:08:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-017
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:53:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	34287	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	100	115274	0.2000	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	95	65563	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	96	109368	0.2000	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	94	4478	0.0112	
* 25 Chrysene-d12	240	11.247	11.248	-0.001	100	66334	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	60292	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

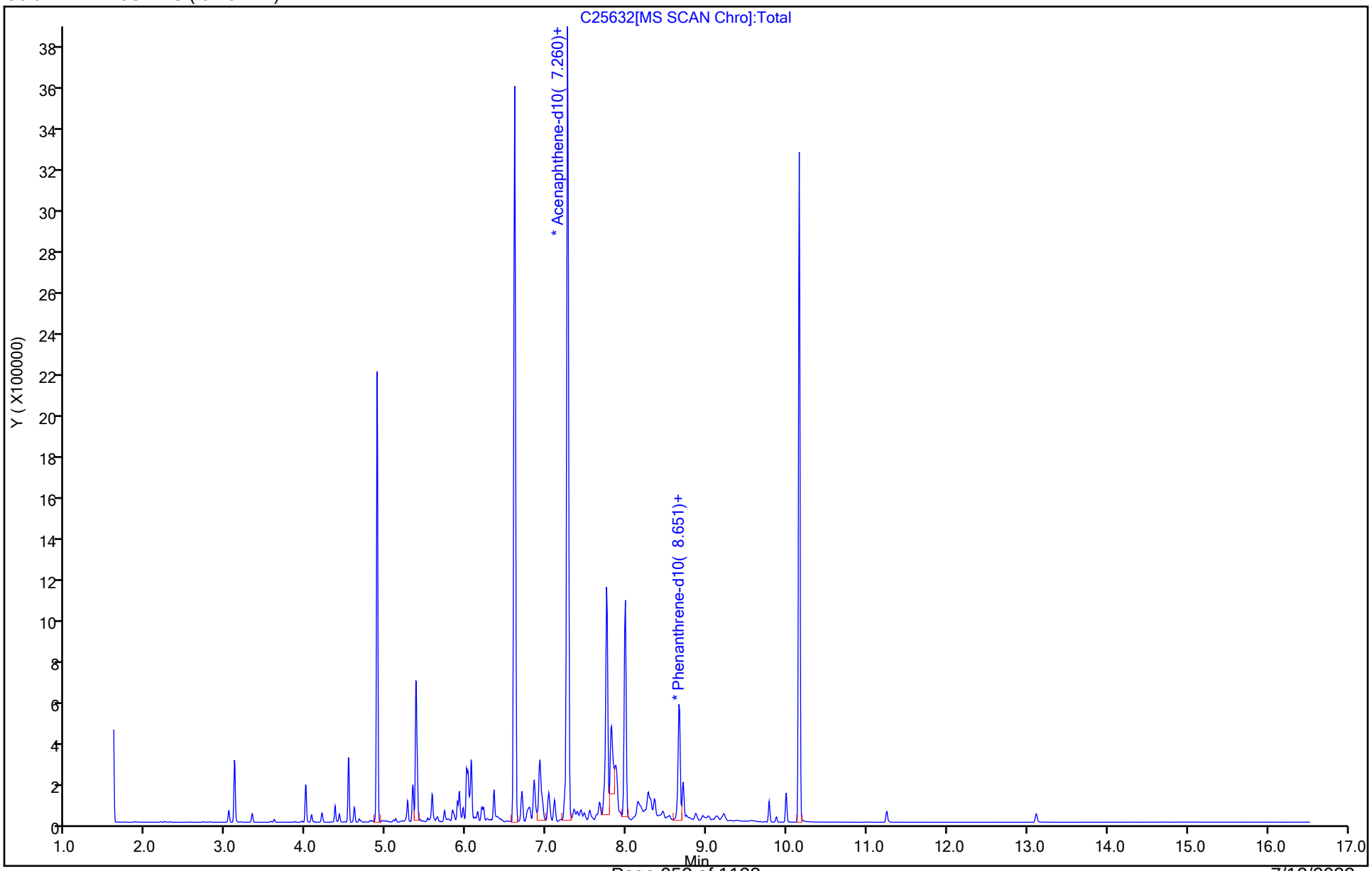
Report Date: 26-Jun-2023 11:24:09 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25632.D

Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6	Worklist Smp#:	17
Client ID:	MW-23S-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25632.D				
Lims ID:	480-210122-B-6-A				
Client ID:	MW-23S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 01:08:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-017				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:04:33	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:53:24		

Compound	Amount Added	Amount Recovered	% Rec.

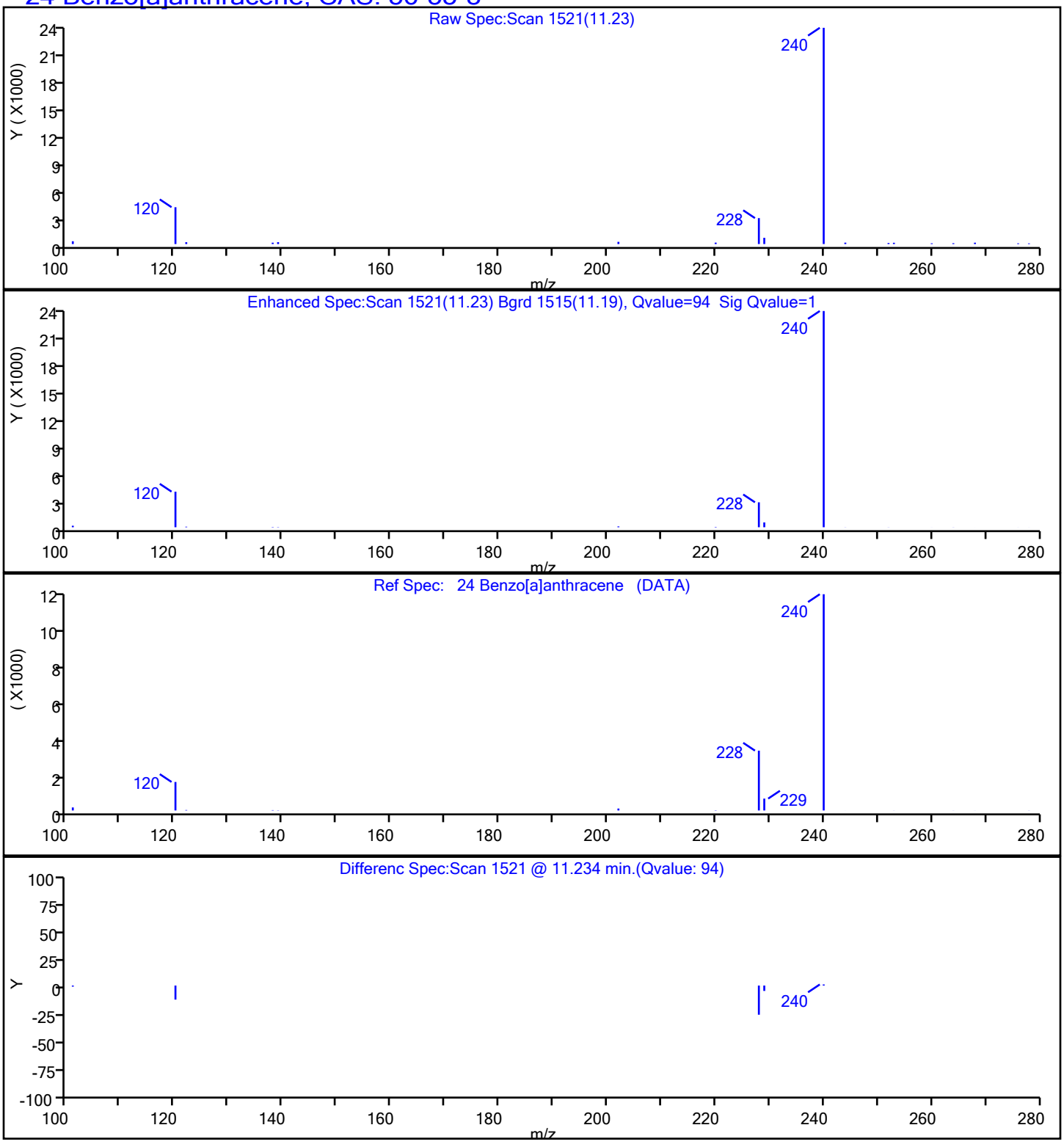
Report Date: 26-Jun-2023 11:24:09 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25632.D

Injection Date:	24-Jun-2023 01:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-6-A	Lab Sample ID:	460-210122-6		
Client ID:	MW-23S-202306				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-46S-202306 | Lab Sample ID: 480-210122-7

Matrix: Water | Lab File ID: C25633.D

Analysis Method: 8270E SIM | Date Collected: 06/20/2023 08:40

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:29

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.40		0.050	0.016
50-32-8	Benzo[a]pyrene	0.23		0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.13		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.082		0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.034	J	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.078		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D
Lims ID: 480-210122-B-7-A
Client ID: MW-46S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:29:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-018
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:24:29 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:54:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	48193	0.2000	a
* 7 Naphthalene-d8	136	5.575	5.575	0.000	54	161044	0.2000	a
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	95	85329	0.2000	a
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	96	143720	0.2000	a
24 Benzo[a]anthracene	228	11.234	11.234	0.000	93	27137	0.0504	a
* 25 Chrysene-d12	240	11.248	11.248	0.000	99	89345	0.2000	a
27 Benzo[b]fluoranthene	252	12.592	12.592	0.000	100	10484	0.0165	Ma
28 Benzo[k]fluoranthene	252	12.619	12.625	-0.006	1	4267	0.006289	M
29 Benzo[a]pyrene	252	13.027	13.034	-0.007	99	12236	0.0285	a
* 30 Perylene-d12	264	13.113	13.113	0.000	100	85660	0.2000	a
31 Indeno[1,2,3-cd]pyrene	276	14.642	14.642	-0.007	99	5192	0.009807	Ma
32 Dibenz(a,h)anthracene	278	14.688	14.695	-0.007	95	2335	0.004209	a
33 Benzo[g,h,i]perylene	276	15.057	15.064	-0.007	98	6234	0.0102	a

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

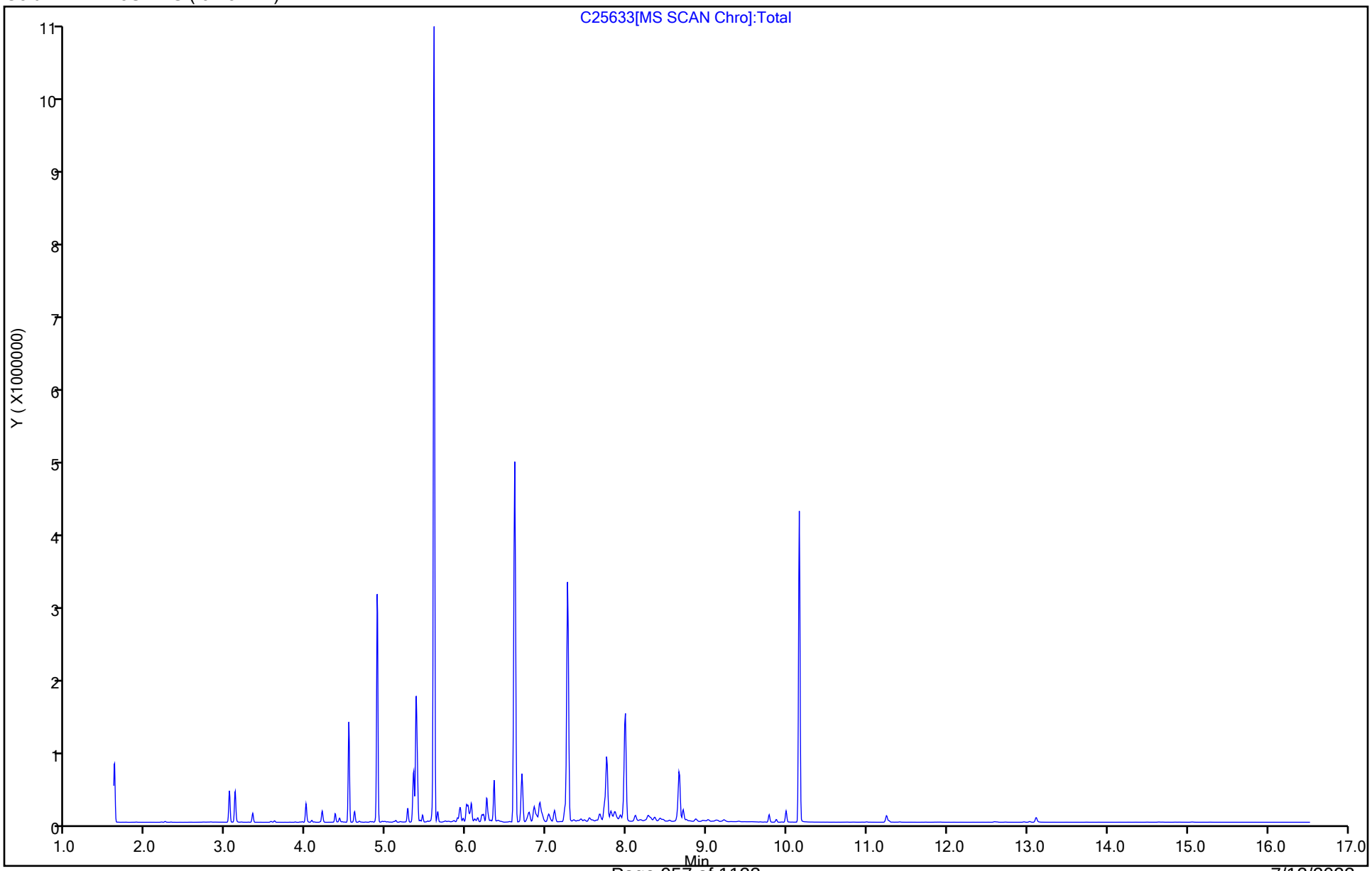
Report Date: 26-Jun-2023 11:24:29 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7	Worklist Smp#:	18
Client ID:	MW-46S-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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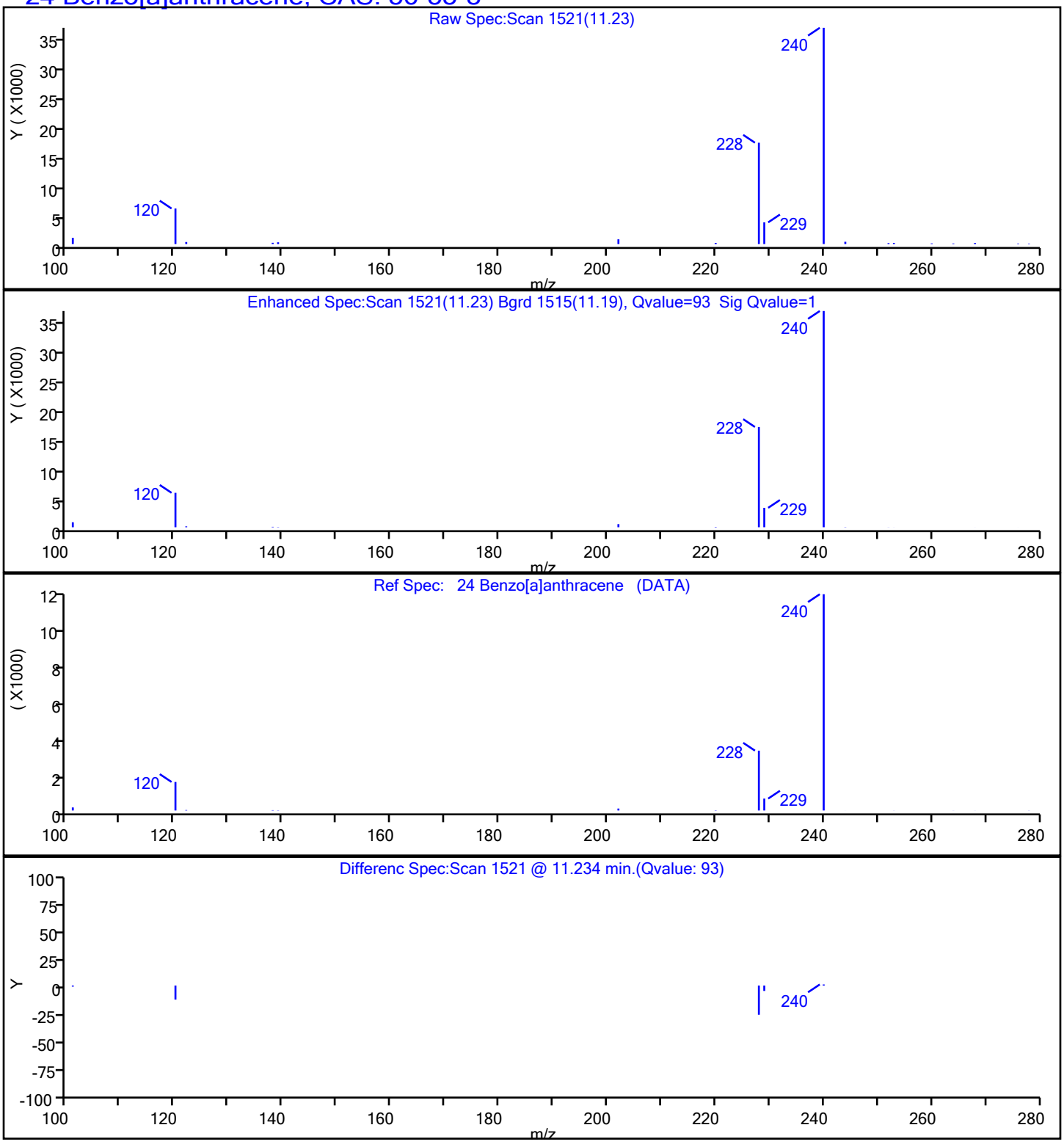
Report Date: 26-Jun-2023 11:24:30 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



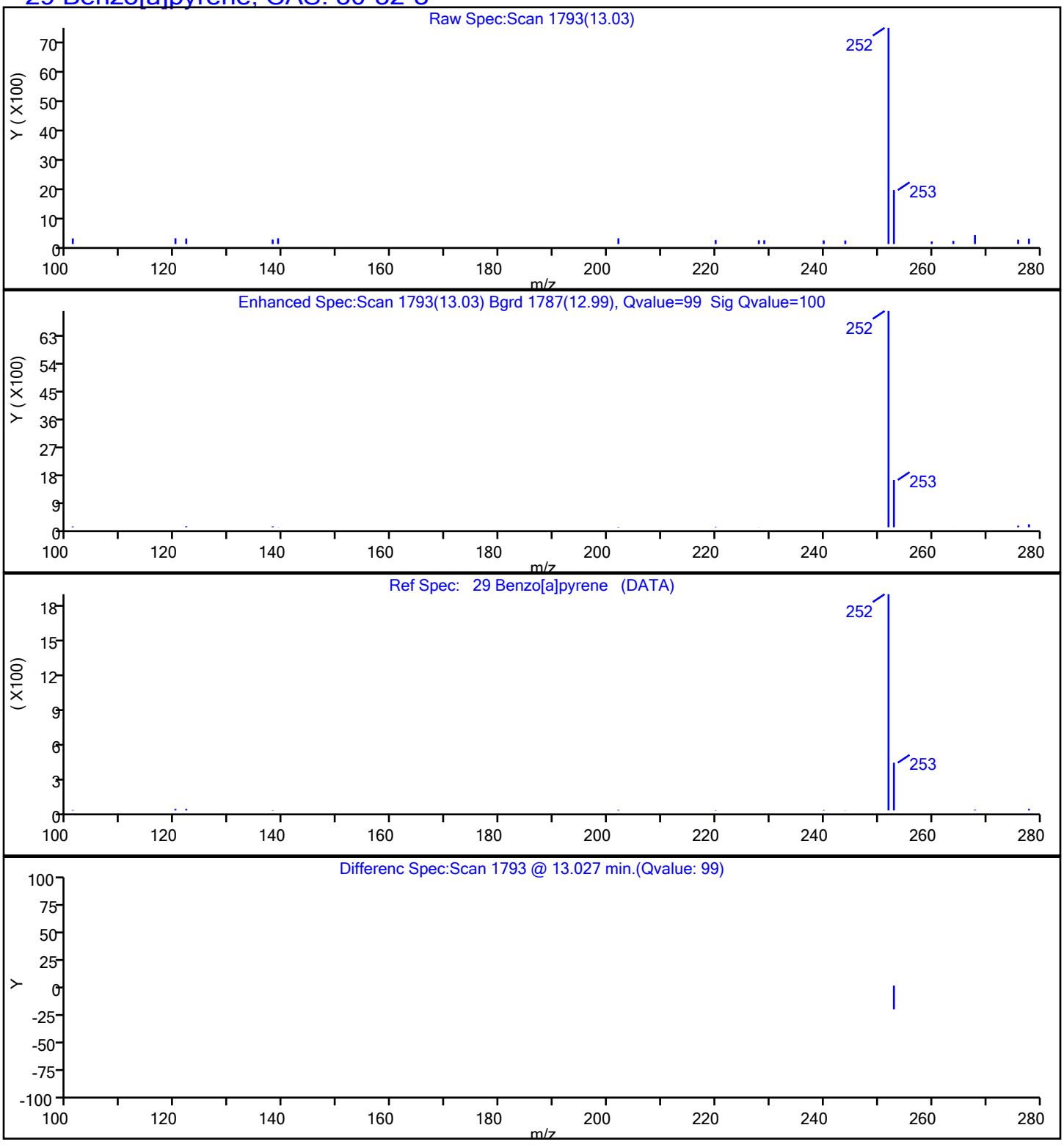
Report Date: 26-Jun-2023 11:24:30 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8



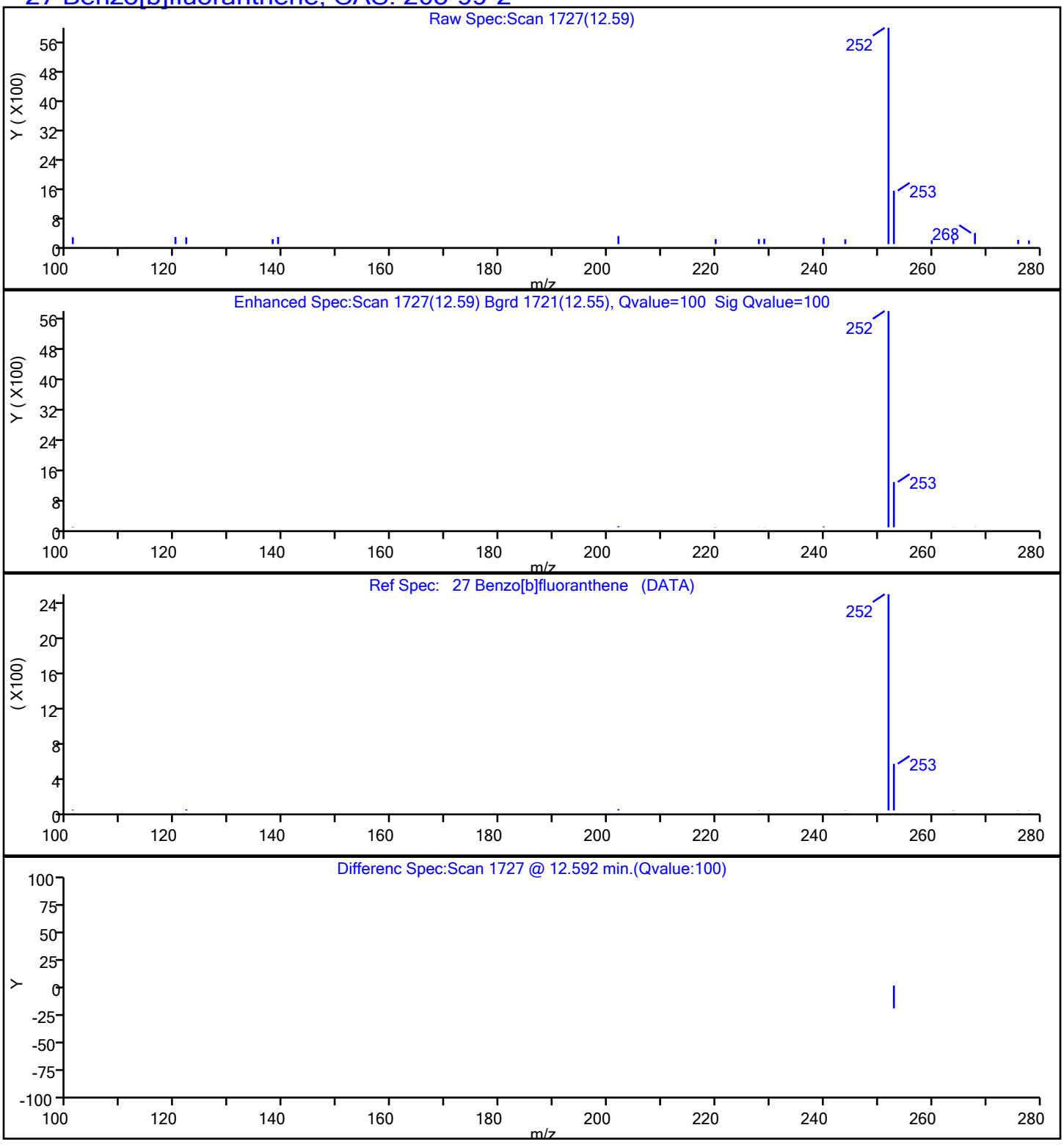
Report Date: 26-Jun-2023 11:24:30 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

27 Benzo[b]fluoranthene, CAS: 205-99-2



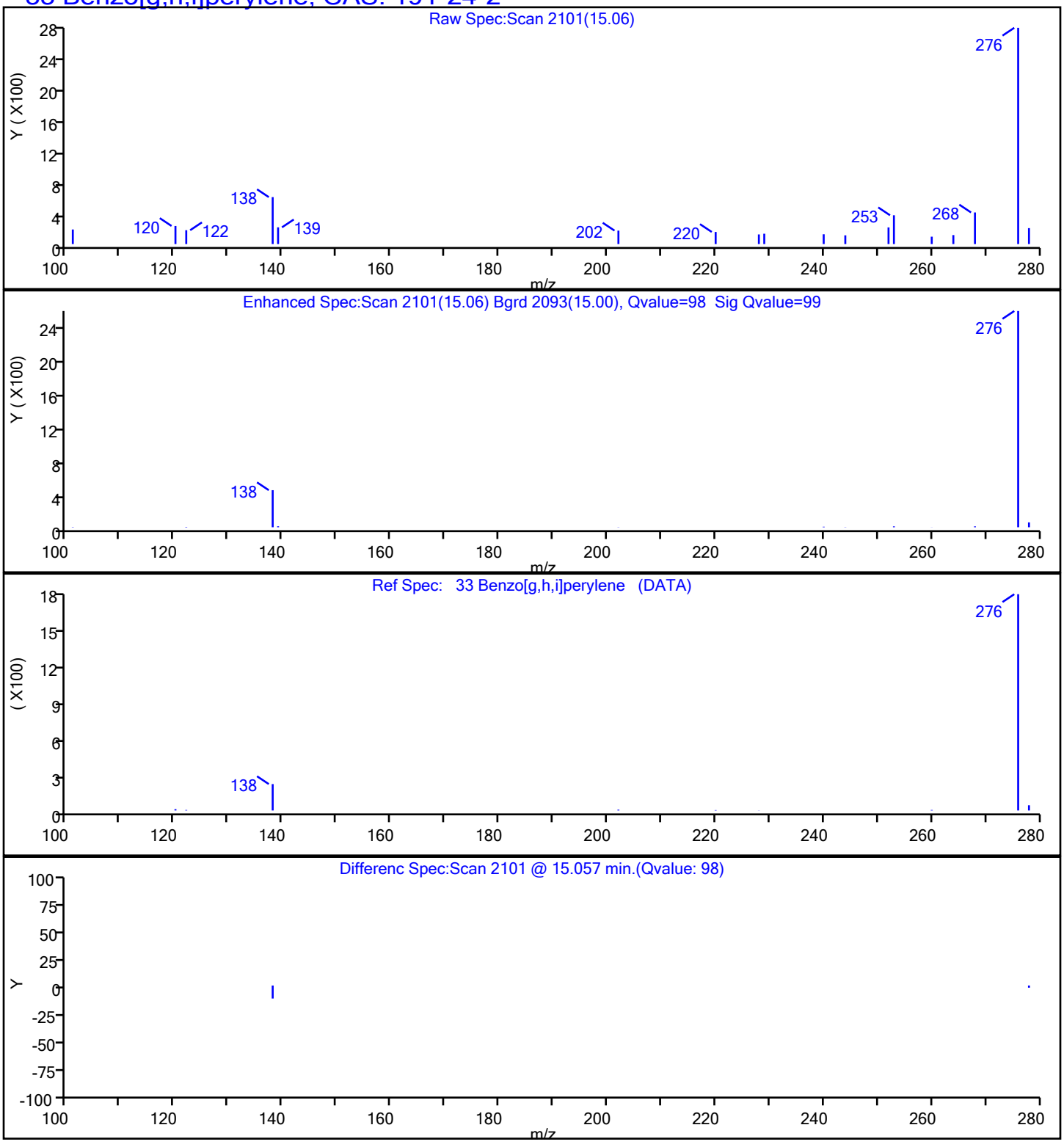
Report Date: 26-Jun-2023 11:24:30 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D

Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

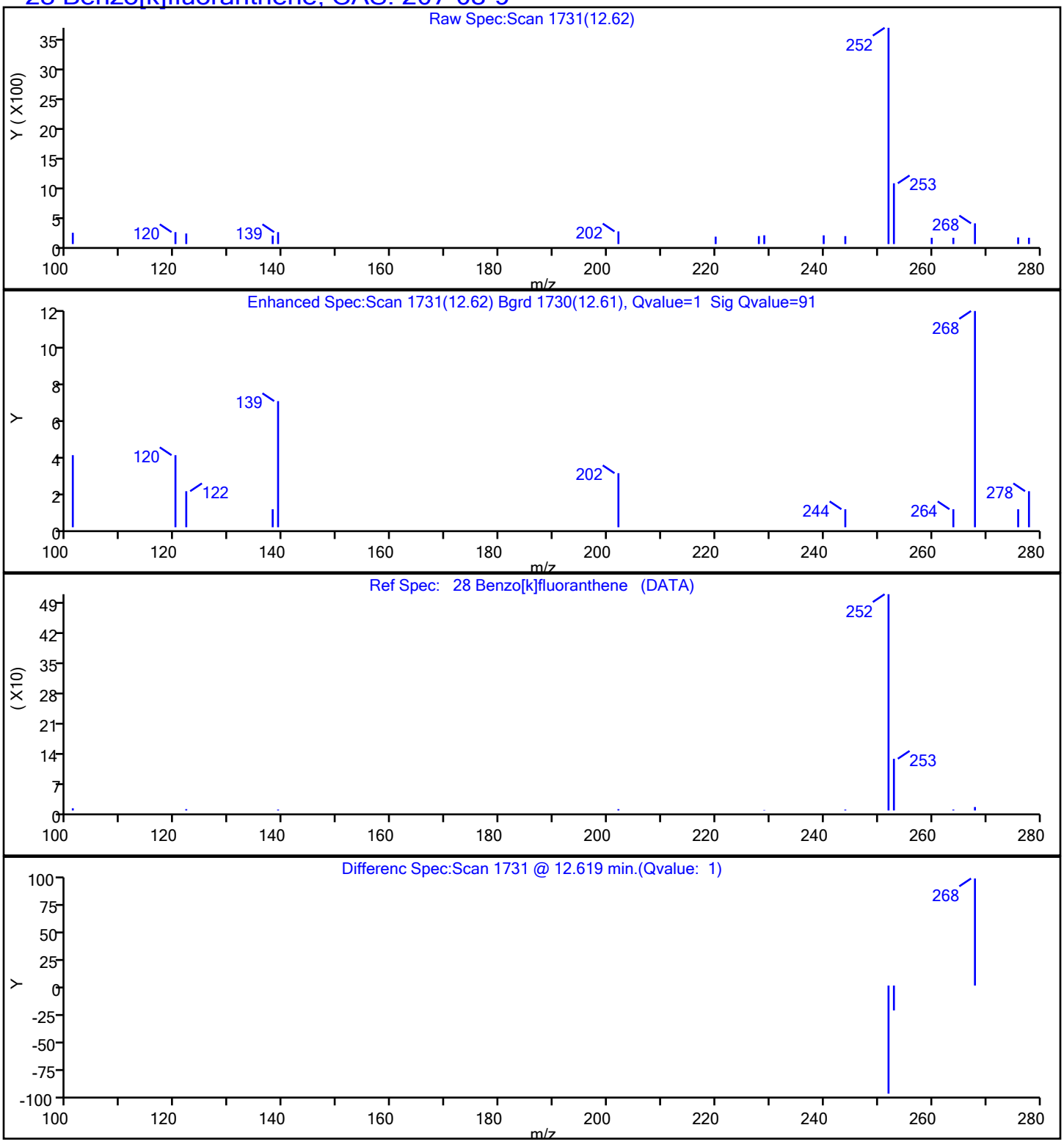
33 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D
Injection Date: 24-Jun-2023 01:29:30 Instrument ID: CBNAMS13
Lims ID: 480-210122-B-7-A Lab Sample ID: 460-210122-7
Client ID: MW-46S-202306
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

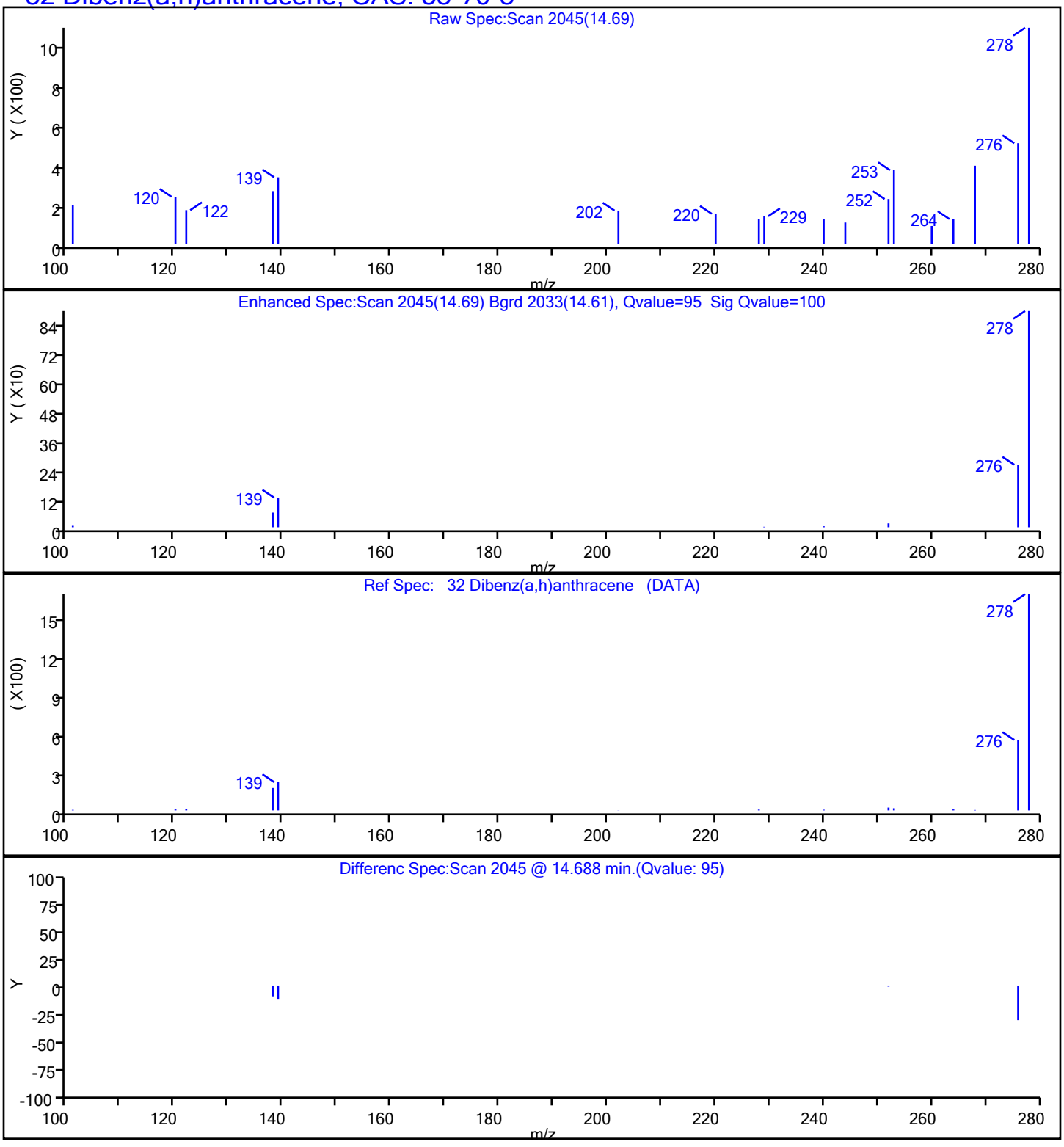
28 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

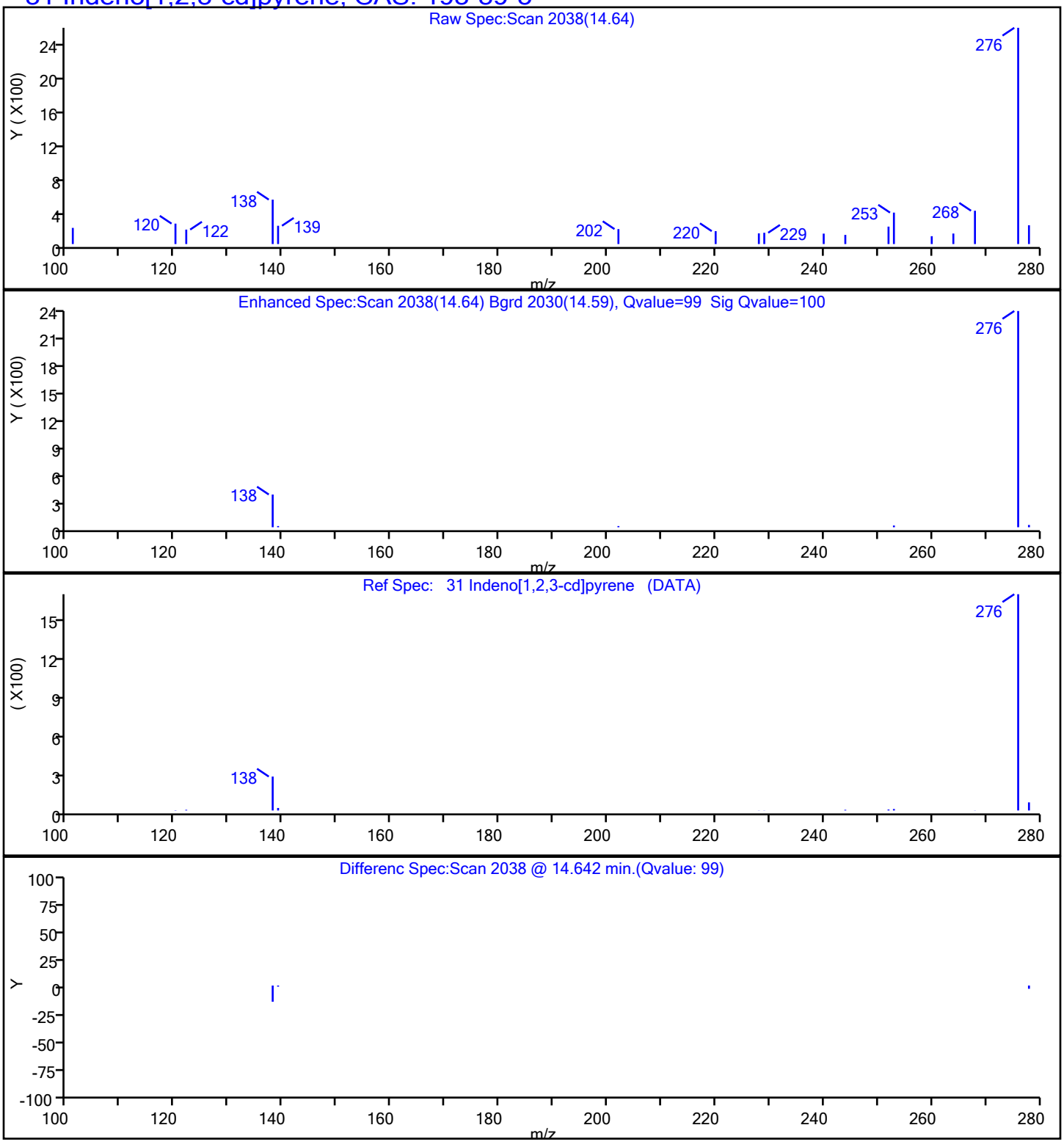
32 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Manual Integration/User Assign Peak Report

Eurofins Edison

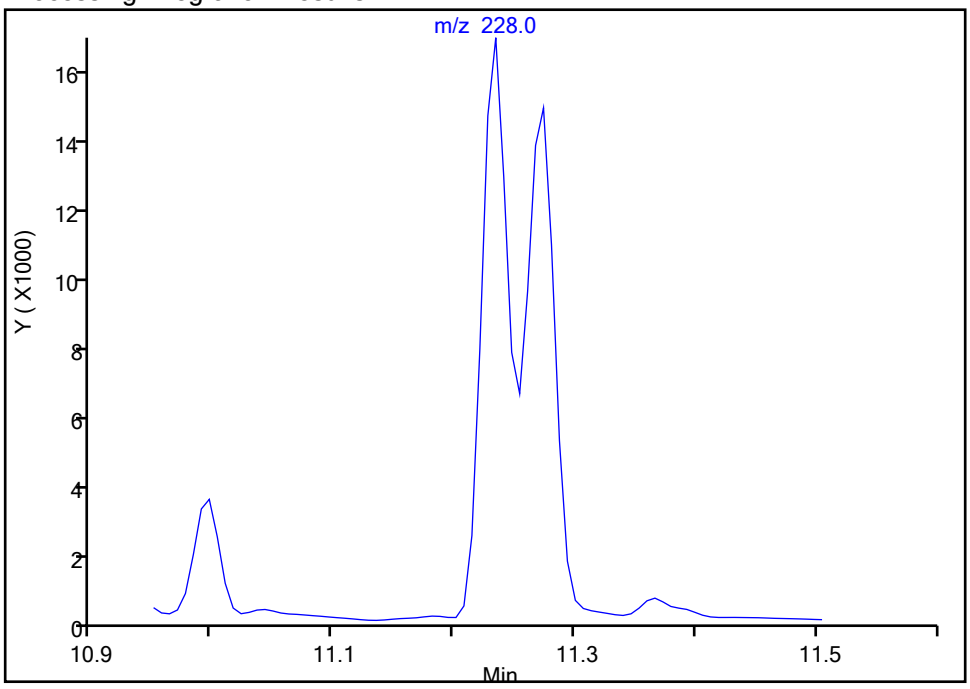
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

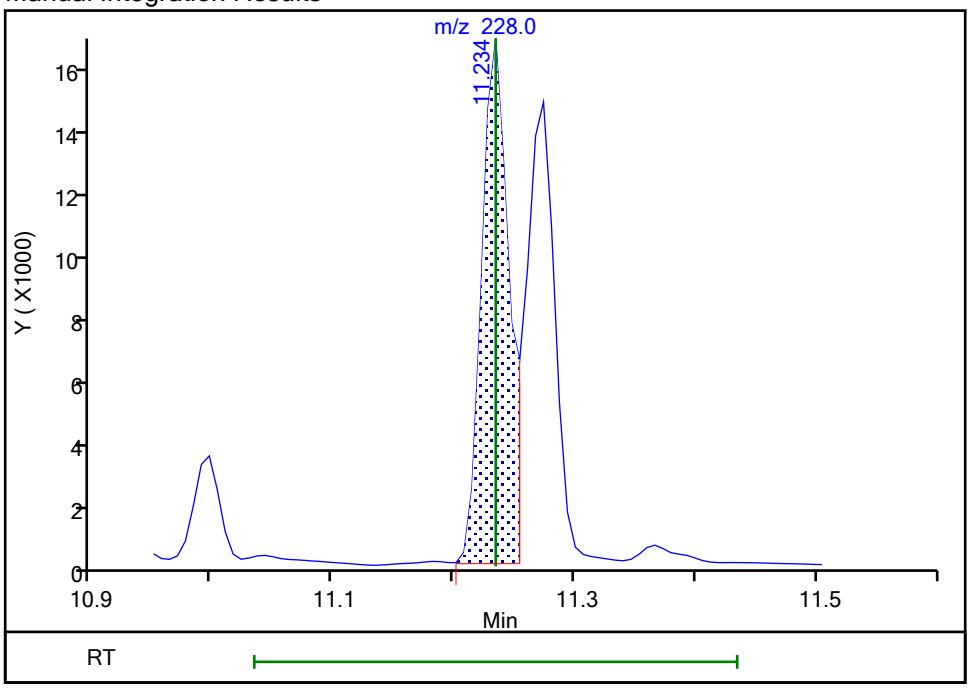
Not Detected
Expected RT: 11.23

Processing Integration Results



Manual Integration Results

RT: 11.23
Area: 27137
Amount: 0.050404
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

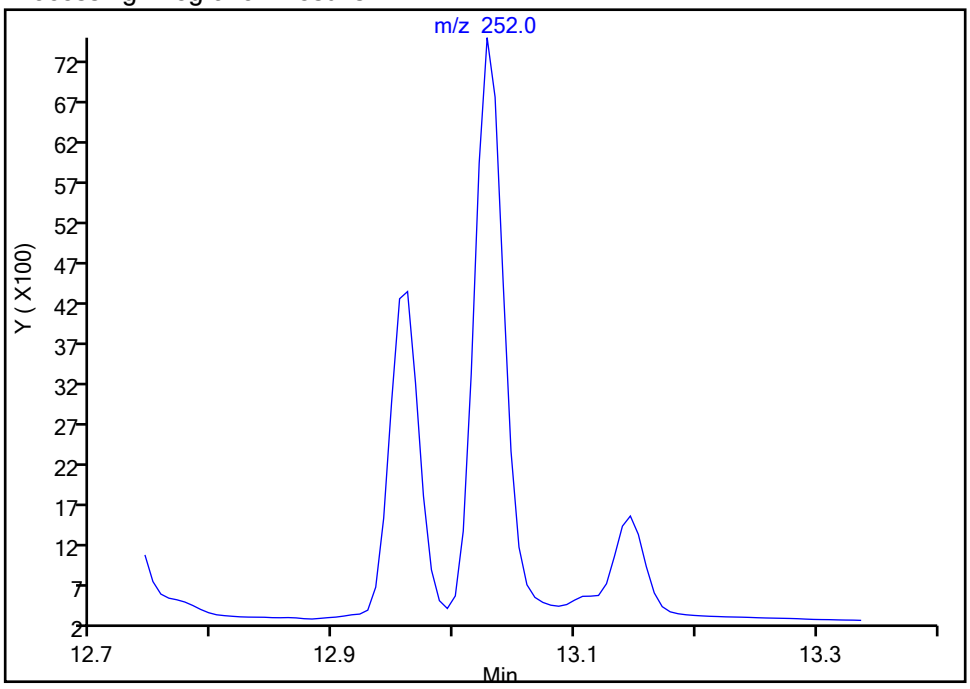
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

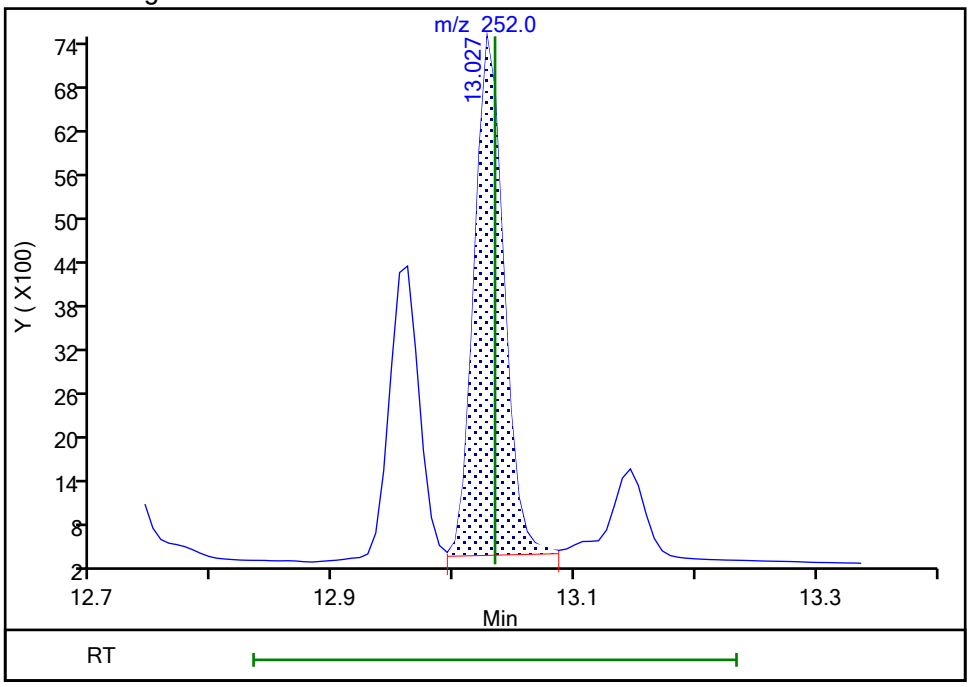
Not Detected
Expected RT: 13.03

Processing Integration Results



Manual Integration Results

RT: 13.03
Area: 12236
Amount: 0.028455
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:54:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

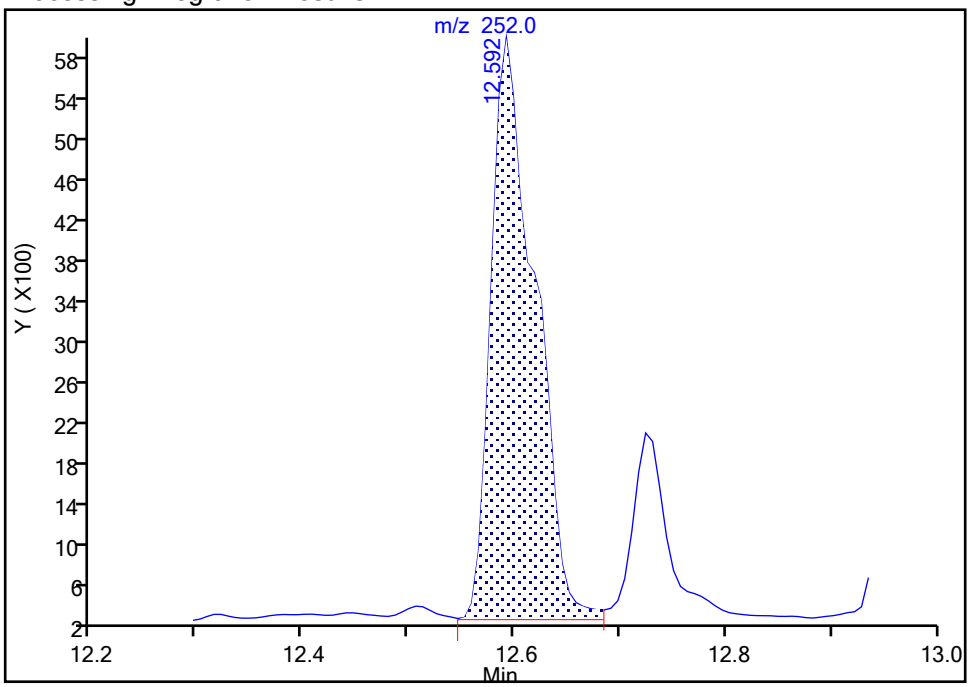
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

27 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

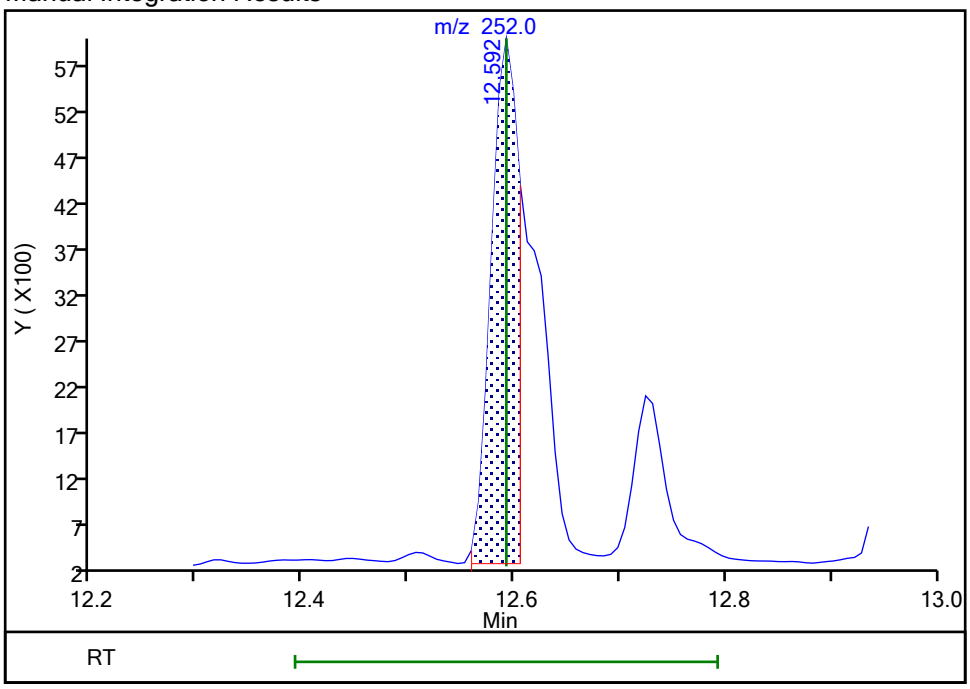
Processing Integration Results

RT: 12.59
Area: 16356
Amount: 0.025783
Amount Units: ug/ml



Manual Integration Results

RT: 12.59
Area: 10484
Amount: 0.016527
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:54:05 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

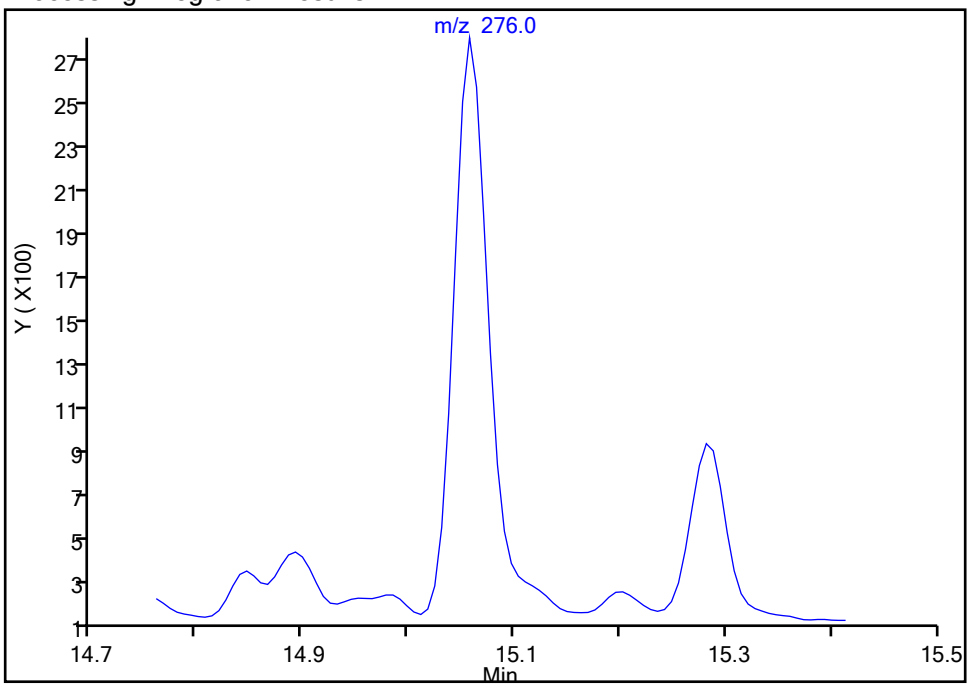
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

33 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

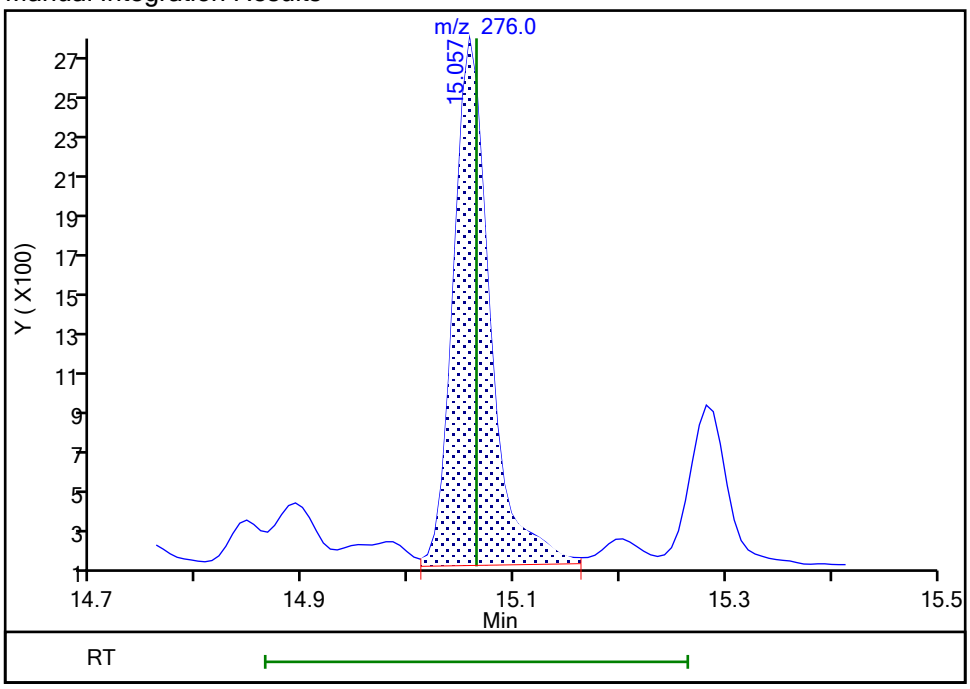
Not Detected
Expected RT: 15.06

Processing Integration Results



Manual Integration Results

RT: 15.06
Area: 6234
Amount: 0.010210
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:54:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

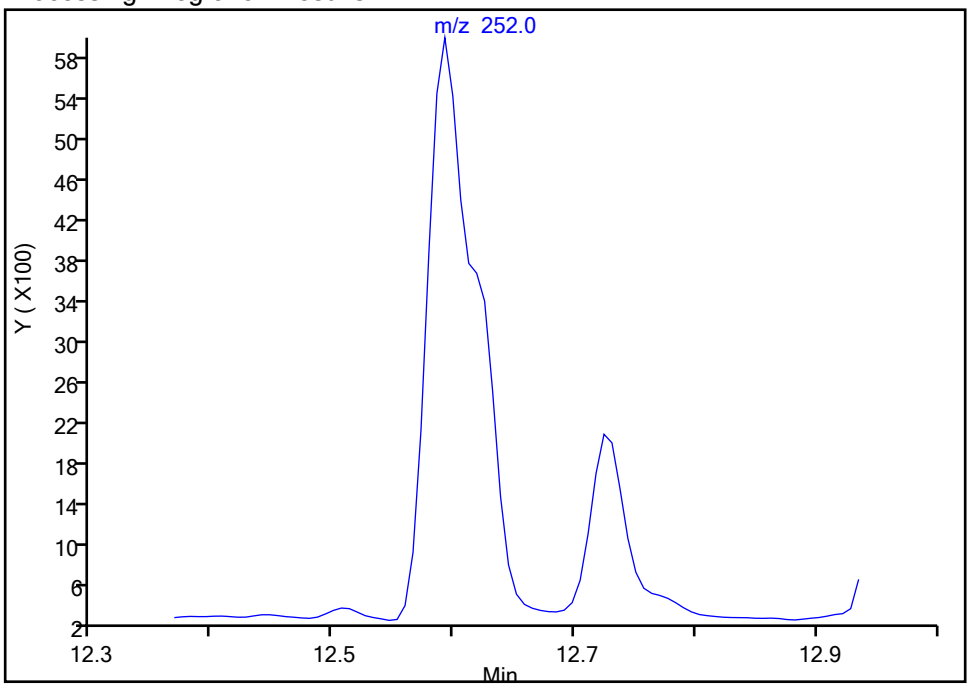
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

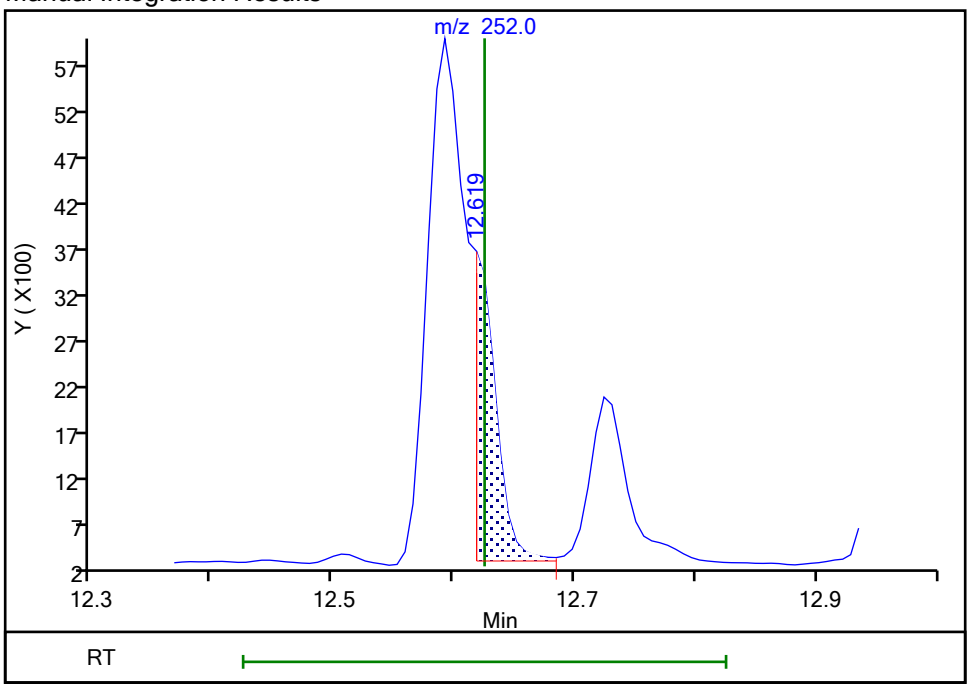
Not Detected
Expected RT: 12.63

Processing Integration Results



Manual Integration Results

RT: 12.62
Area: 4267
Amount: 0.006289
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:54:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

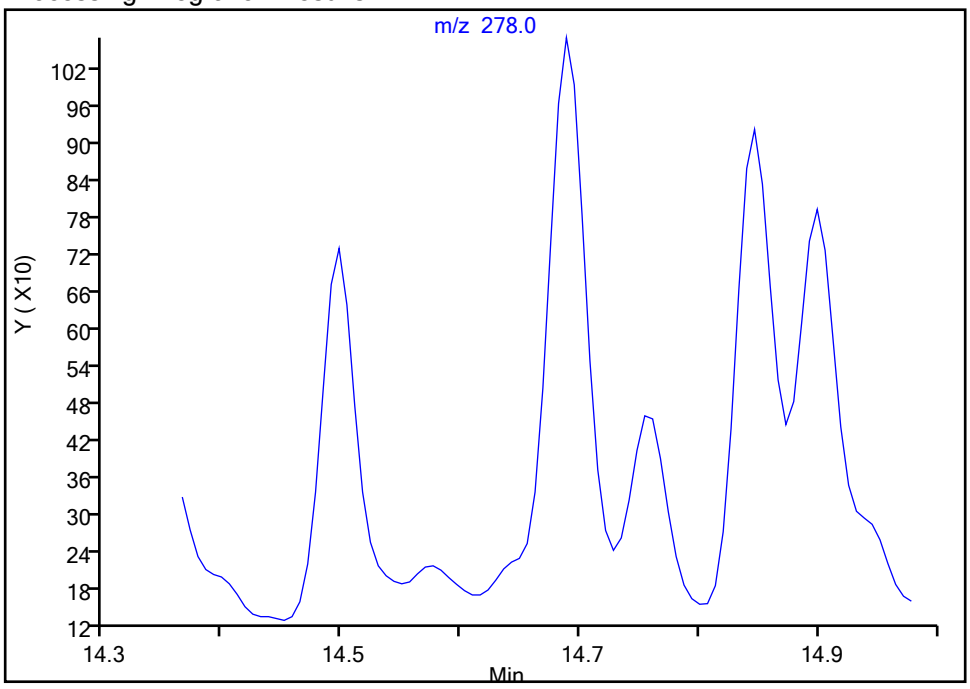
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

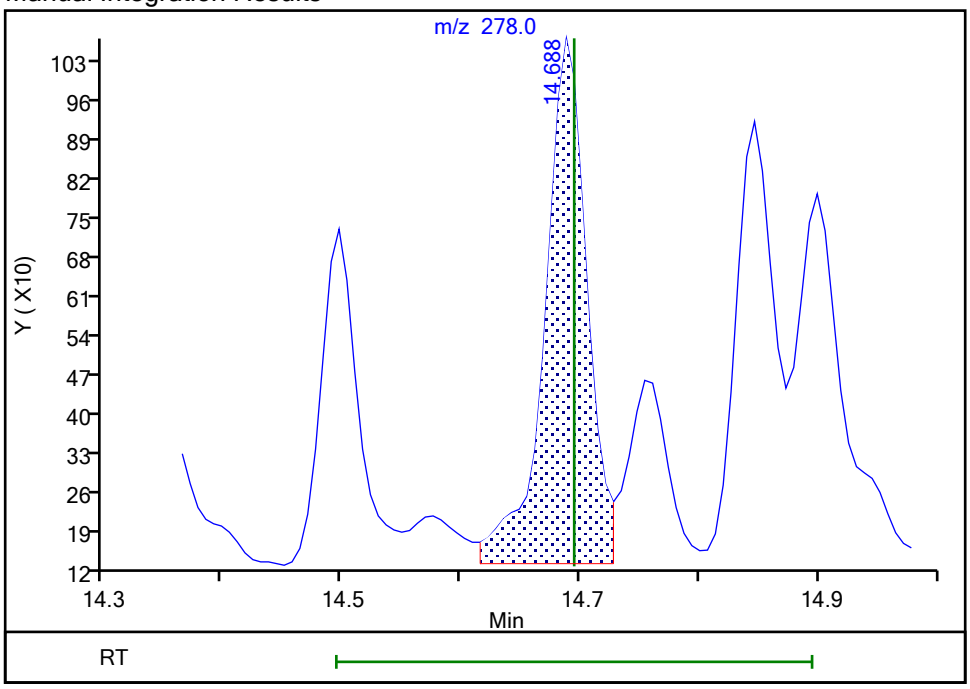
Not Detected
Expected RT: 14.69

Processing Integration Results



Manual Integration Results

RT: 14.69
Area: 2335
Amount: 0.004209
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:54:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

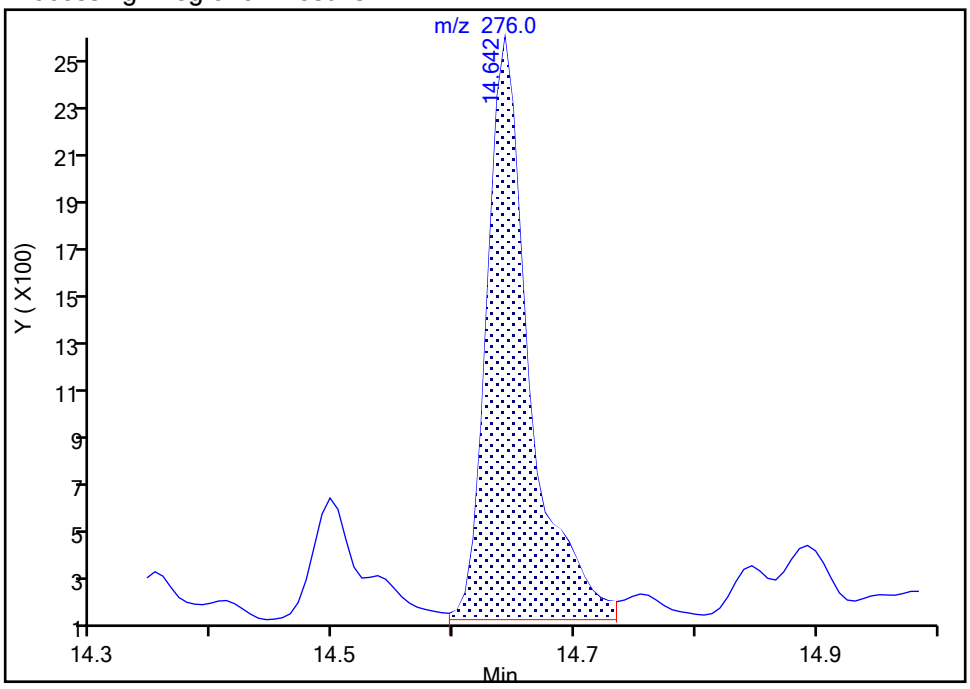
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

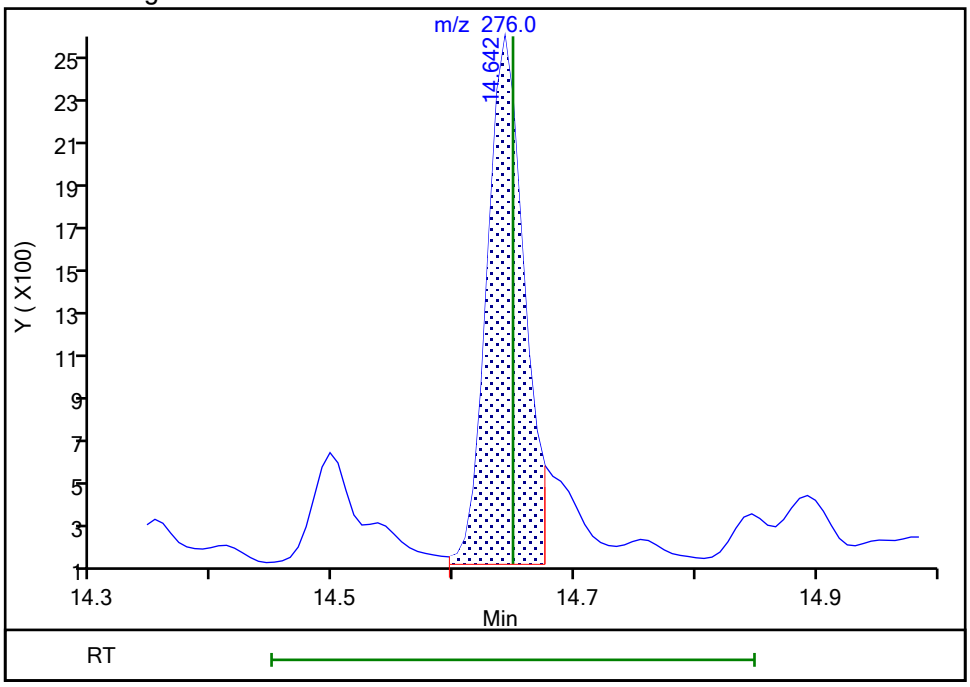
Processing Integration Results

RT: 14.64
Area: 5943
Amount: 0.011226
Amount Units: ug/ml



Manual Integration Results

RT: 14.64
Area: 5192
Amount: 0.009807
Amount Units: ug/ml



Reviewer: maheseep, 26-Jun-2023 11:24:26 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

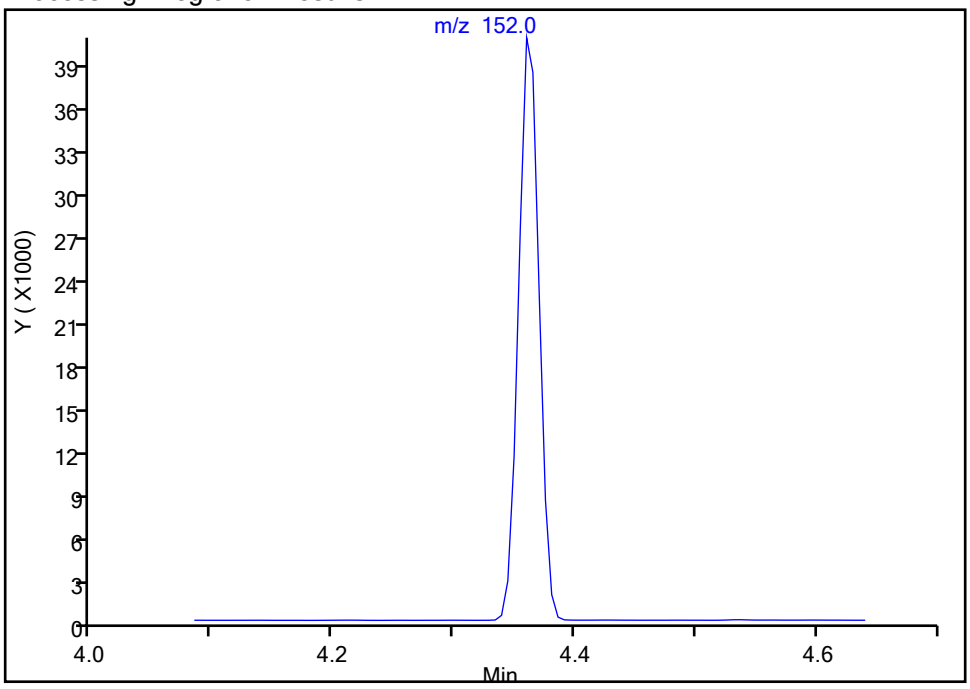
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 4 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

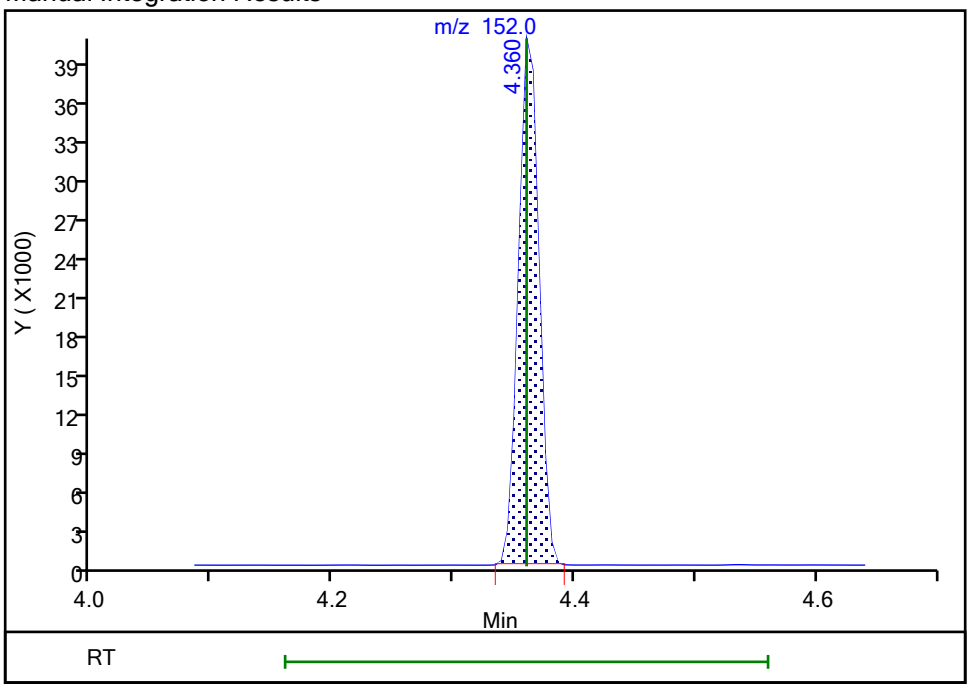
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.36
Area: 48193
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

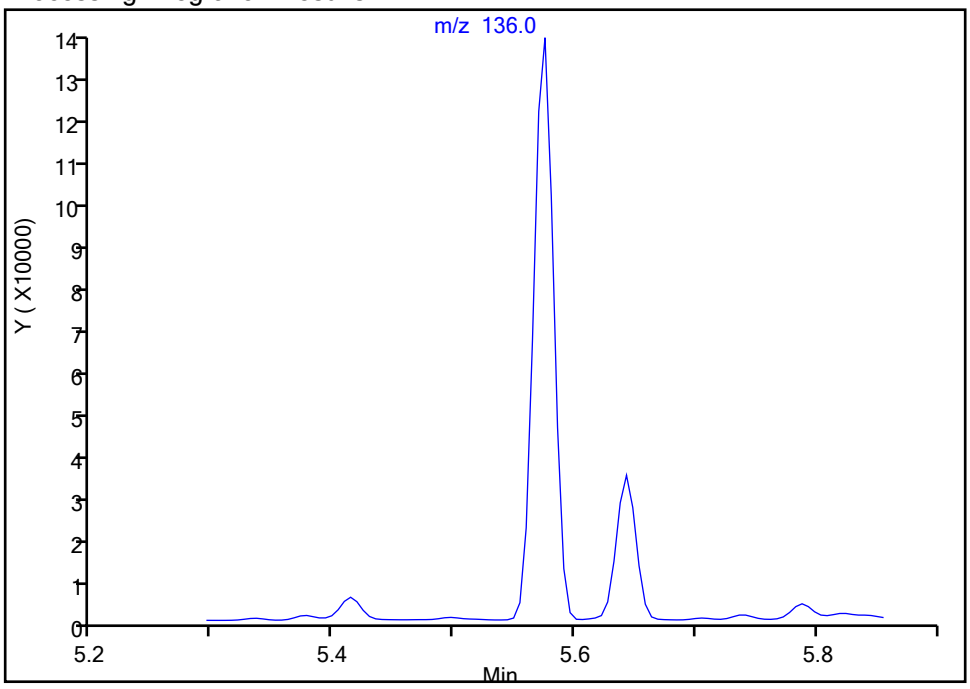
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 7 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

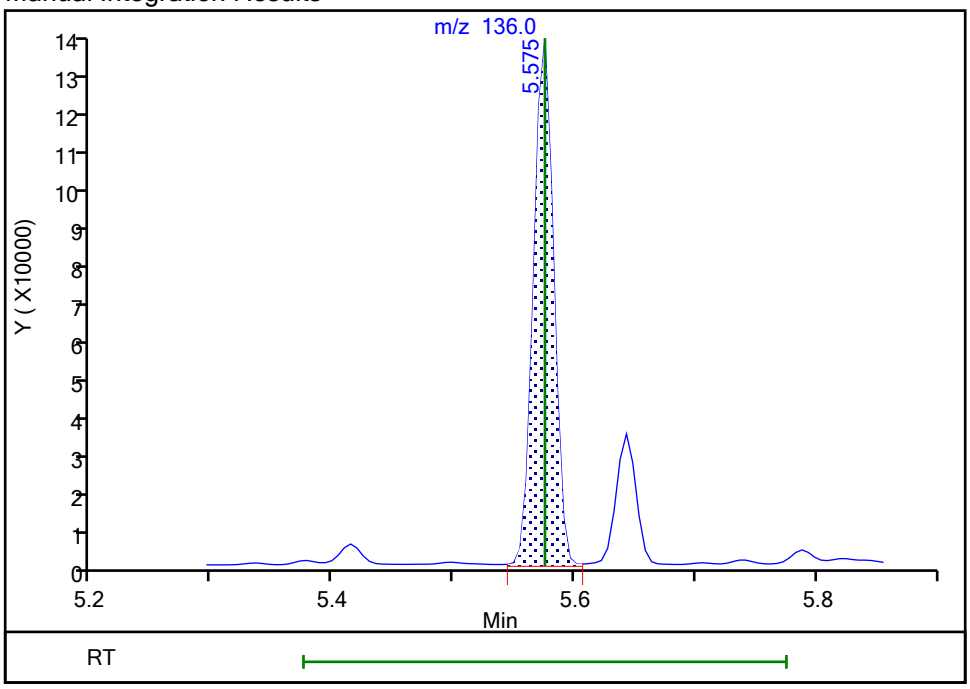
Not Detected
Expected RT: 5.58

Processing Integration Results



Manual Integration Results

RT: 5.58
Area: 161044
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

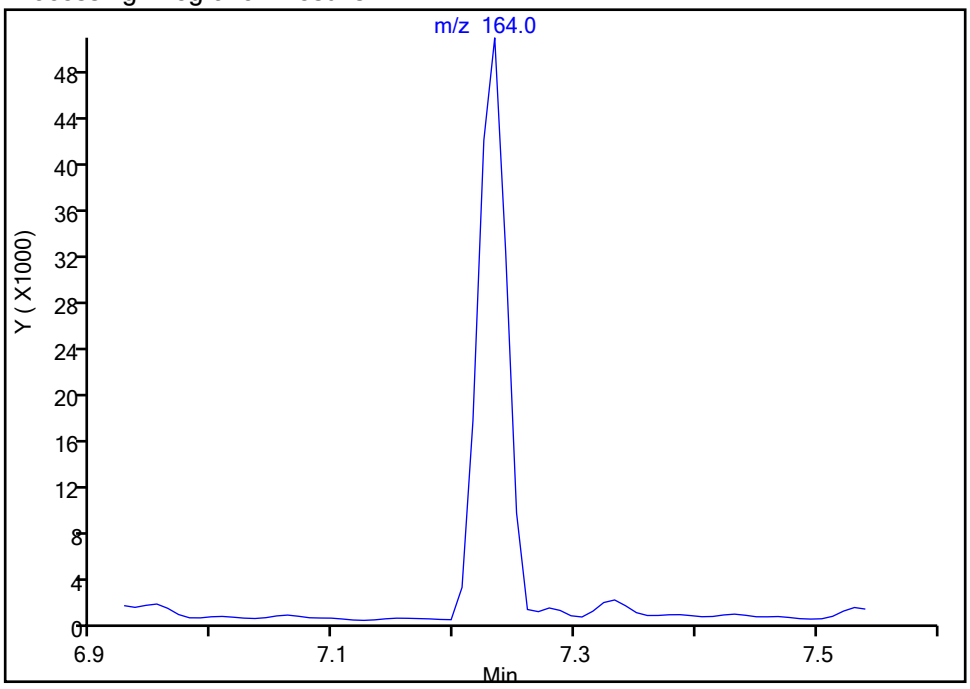
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 11 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

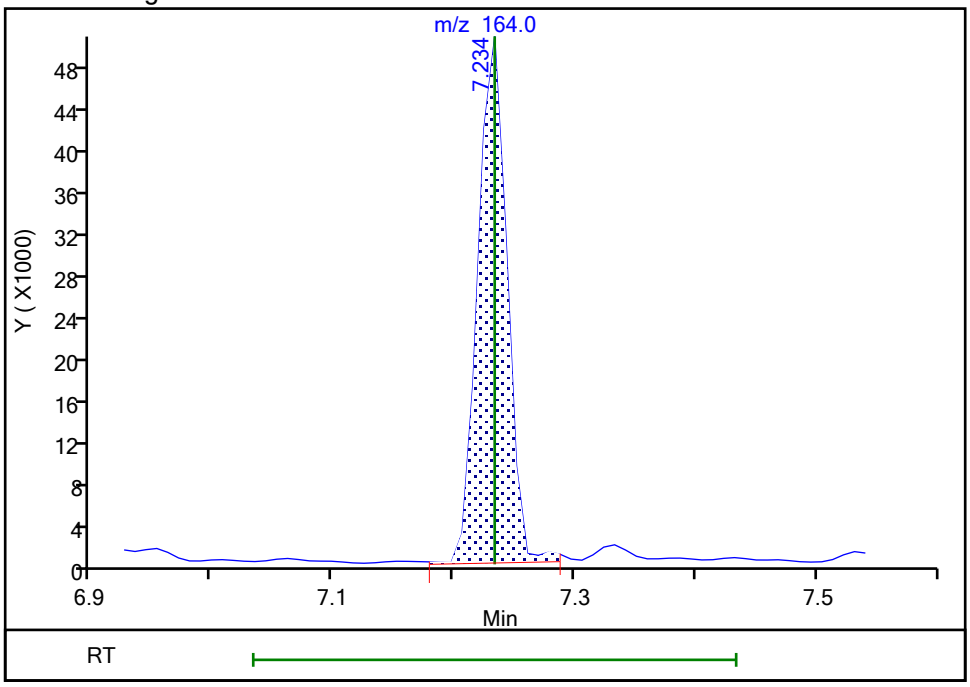
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 85329
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

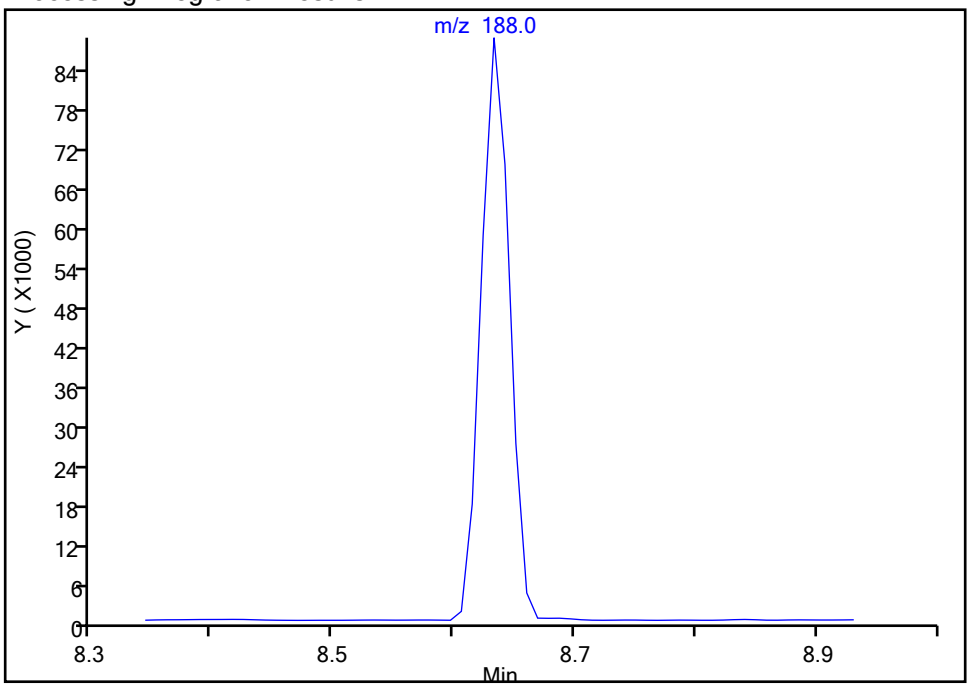
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 17 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

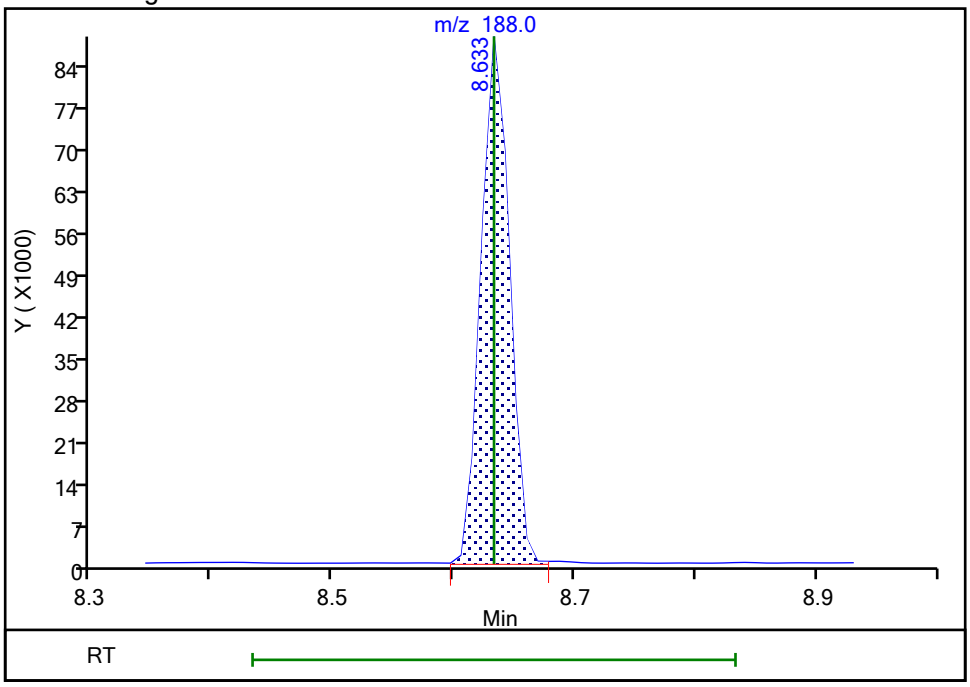
Not Detected
Expected RT: 8.63

Processing Integration Results



Manual Integration Results

RT: 8.63
Area: 143720
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

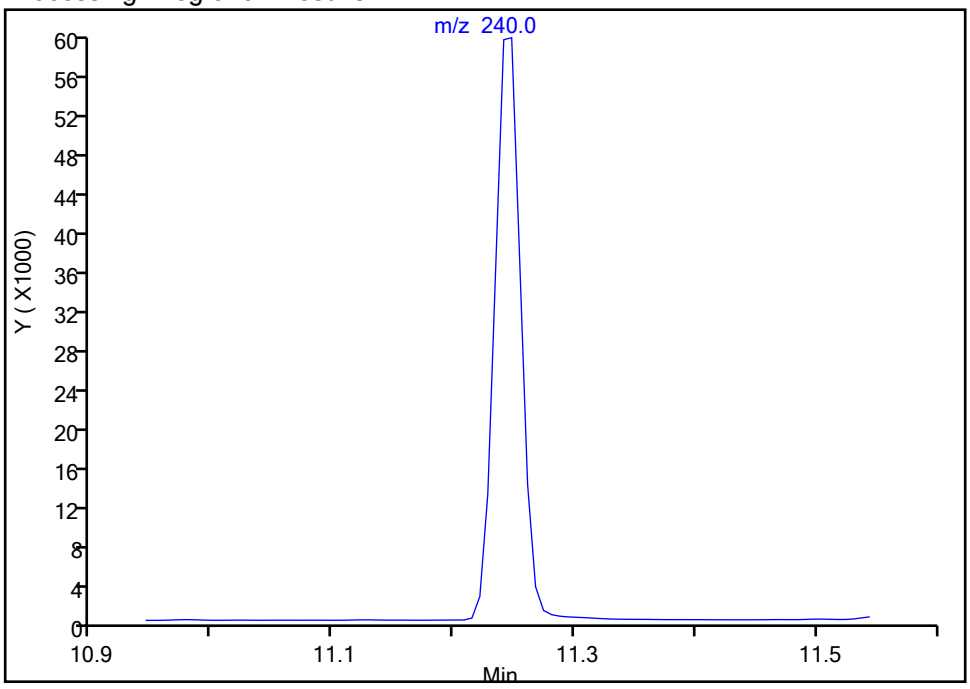
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 25 Chrysene-d12, CAS: 1719-03-5

Signal: 1

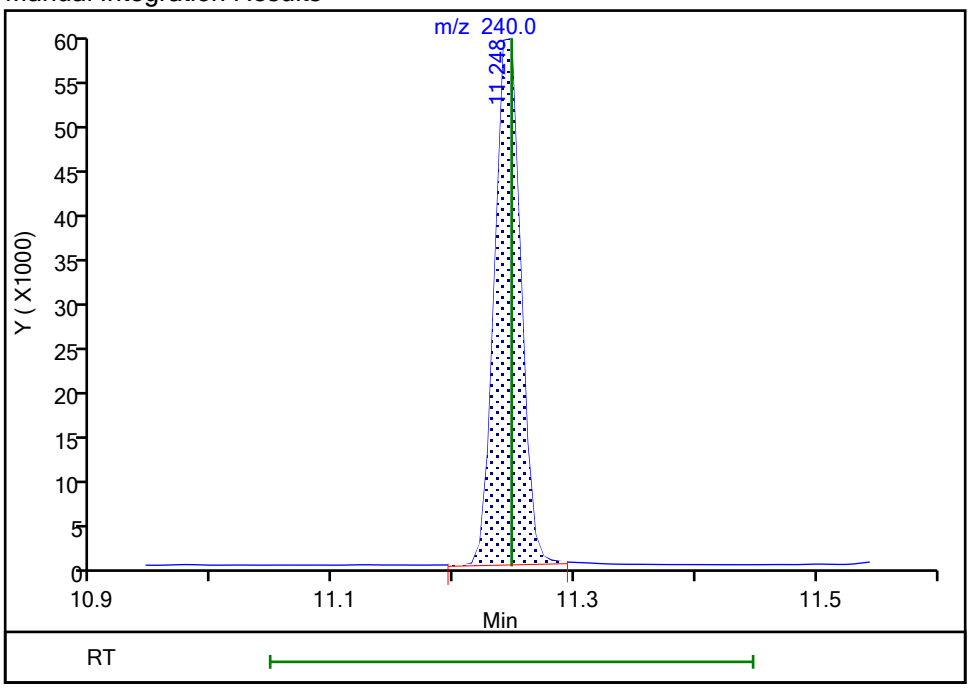
Not Detected
Expected RT: 11.25

Processing Integration Results



Manual Integration Results

RT: 11.25
Area: 89345
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

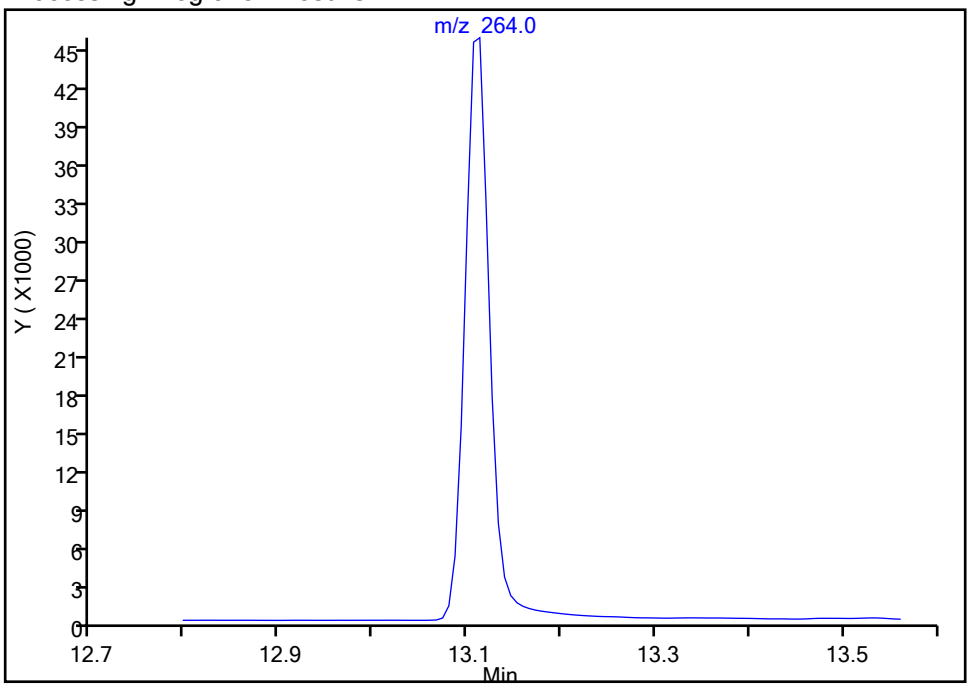
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25633.D				
Injection Date:	24-Jun-2023 01:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-210122-B-7-A	Lab Sample ID:	460-210122-7		
Client ID:	MW-46S-202306				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 30 Perylene-d12, CAS: 1520-96-3

Signal: 1

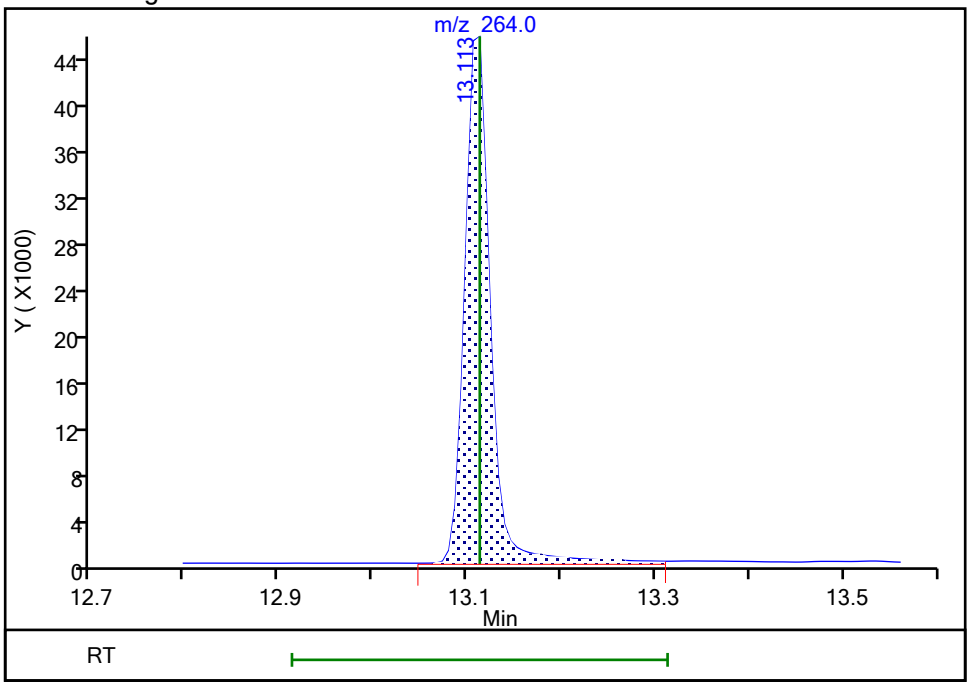
Not Detected
Expected RT: 13.11

Processing Integration Results



Manual Integration Results

RT: 13.11
Area: 85660
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 24-Jun-2023 09:53:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: MW-48S-202306 | Lab Sample ID: 480-210122-8

Matrix: Water | Lab File ID: C25634.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 18:25

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 01:50

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.042	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25634.D
Lims ID: 480-210122-A-8-A
Client ID: MW-48S-202306
Sample Type: Client
Inject. Date: 24-Jun-2023 01:50:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-019
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:24:29 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:54:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	44275	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	141539	0.2000	
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	98	72343	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	99	128554	0.2000	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	91	2347	0.005269	
* 25 Chrysene-d12	240	11.248	11.248	0.000	100	73920	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	71773	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

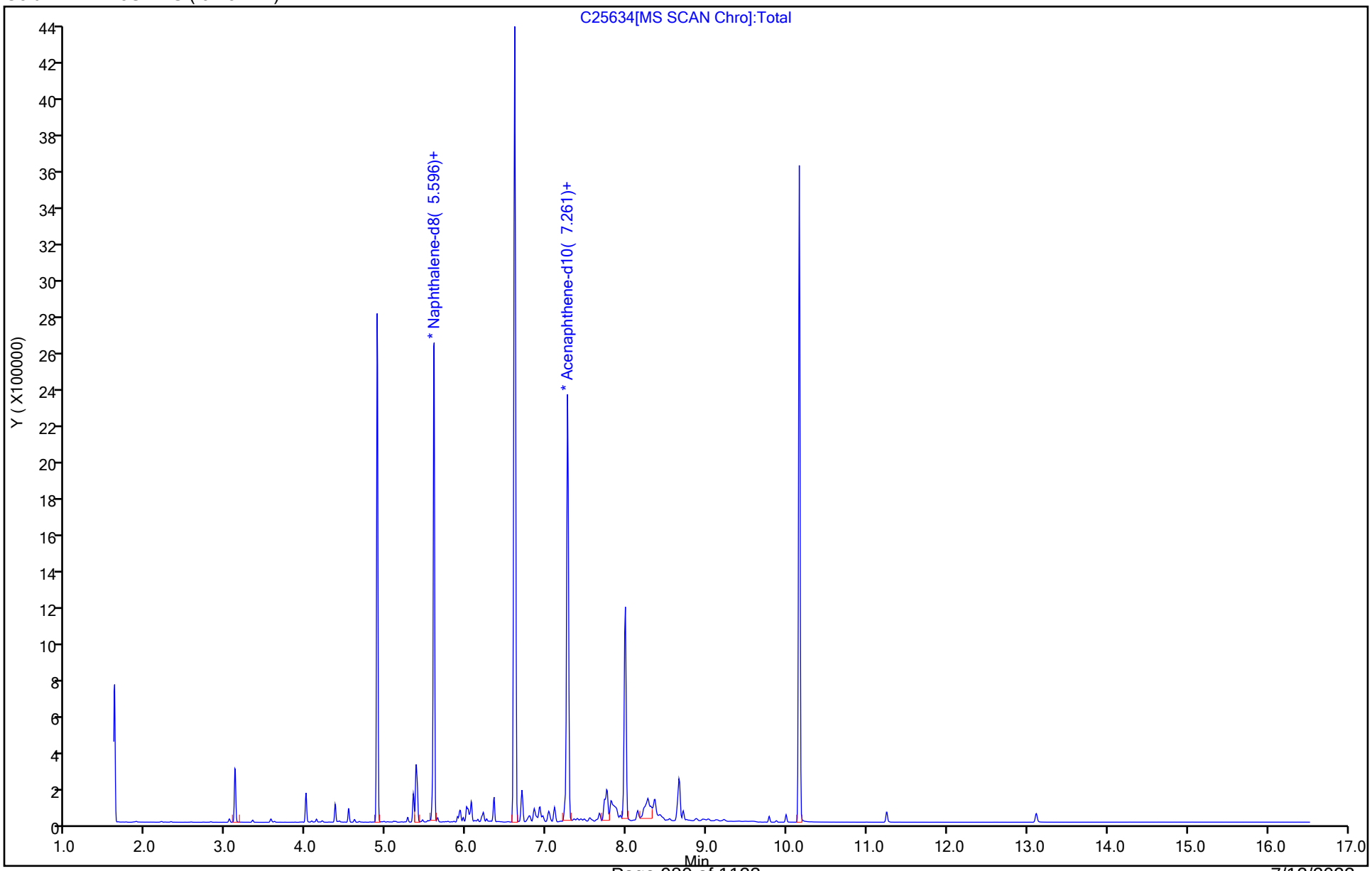
Report Date: 26-Jun-2023 11:24:43 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25634.D

Injection Date:	24-Jun-2023 01:50:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-A-8-A	Lab Sample ID:	460-210122-8	Worklist Smp#:	19
Client ID:	MW-48S-202306				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

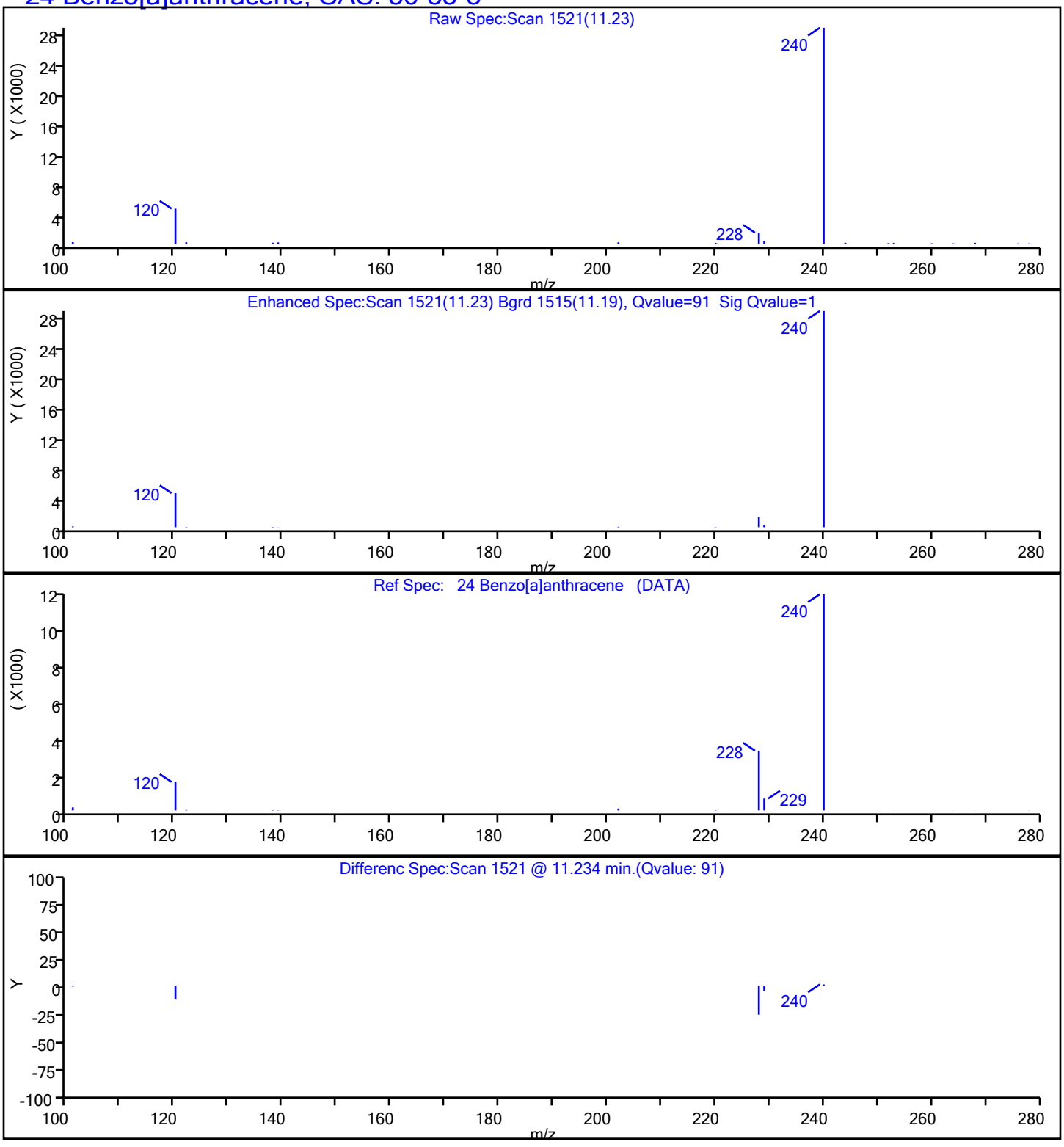
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25634.D				
Lims ID:	480-210122-A-8-A				
Client ID:	MW-48S-202306				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 01:50:30	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-019				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:24:29	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:54:26		

Compound	Amount Added	Amount Recovered	% Rec.

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25634.D
Injection Date: 24-Jun-2023 01:50:30 Instrument ID: CBNAMS13
Lims ID: 480-210122-A-8-A Lab Sample ID: 460-210122-8
Client ID: MW-48S-202306
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 Benzo[a]anthracene, CAS: 56-55-3



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: DUP-1 | Lab Sample ID: 480-210122-9

Matrix: Water | Lab File ID: C25635.D

Analysis Method: 8270E SIM | Date Collected: 06/19/2023 00:00

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:41

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2023 02:11

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25635.D
Lims ID: 480-210122-B-9-A
Client ID: DUP-1
Sample Type: Client
Inject. Date: 24-Jun-2023 02:11:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-020
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:24:29 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 24-Jun-2023 09:54:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.365	4.360	0.005	100	48028	0.2000	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	99	153935	0.2000	
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	98	75383	0.2000	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	131728	0.2000	
* 25 Chrysene-d12	240	11.248	11.248	0.000	100	75903	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	75180	0.2000	

QC Flag Legend
Processing Flags

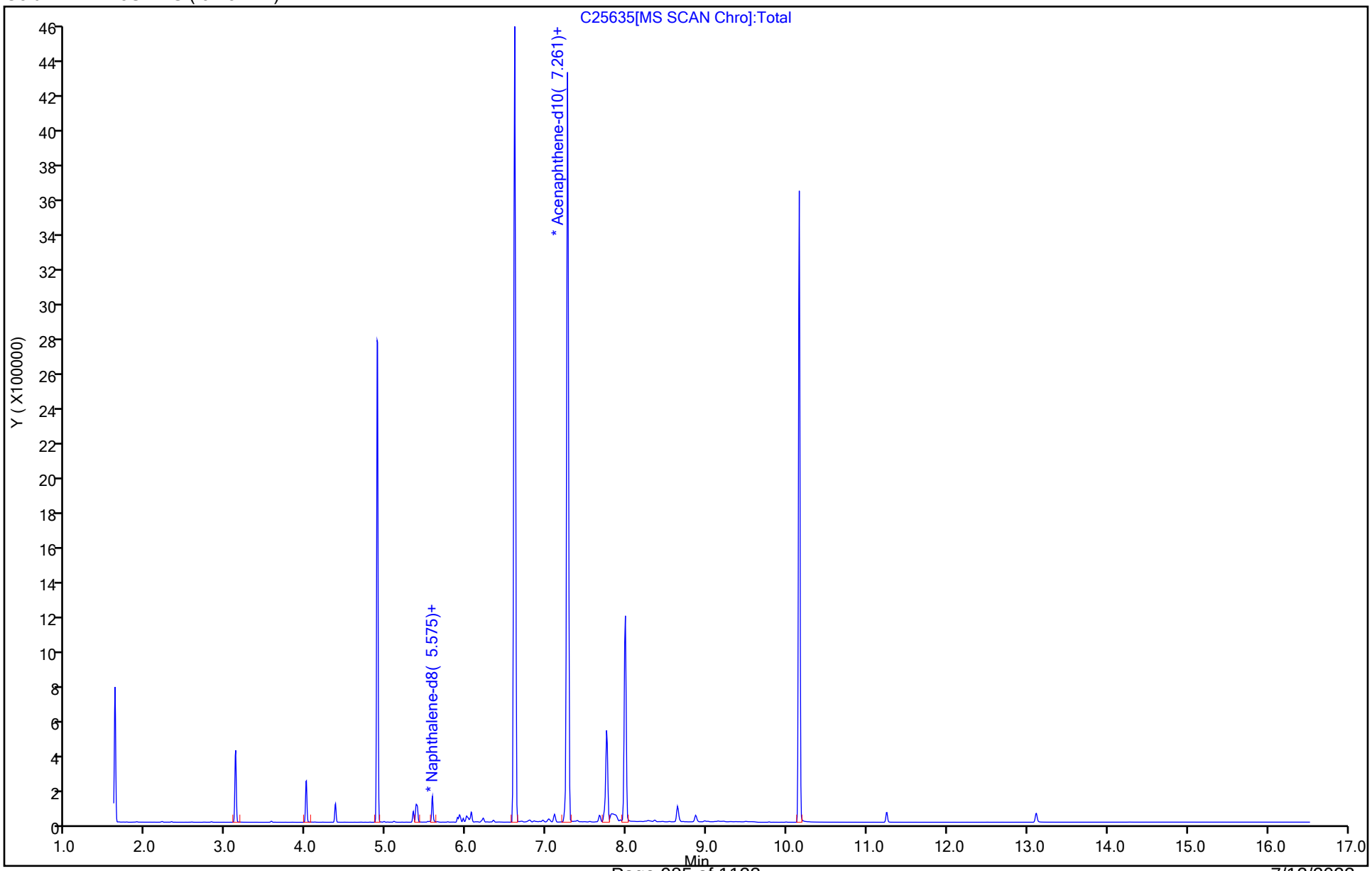
Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 11:24:53 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25635.D				
Injection Date:	24-Jun-2023 02:11:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-210122-B-9-A	Lab Sample ID:	460-210122-9	Worklist Smp#:	20
Client ID:	DUP-1				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25635.D				
Lims ID:	480-210122-B-9-A				
Client ID:	DUP-1				
Sample Type:	Client				
Inject. Date:	24-Jun-2023 02:11:30	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0162517-020				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	26-Jun-2023 11:24:29	Calib Date:	23-May-2023 15:07:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1652				
First Level Reviewer: U6BX		Date:	24-Jun-2023 09:54:31		

Compound	Amount Added	Amount Recovered	% Rec.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 910866

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2023 10:42 Calibration End Date: 05/23/2023 15:07 Calibration ID: 93239

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-910866/8	C24863.D
Level 2	STD2 460-910866/7	C24861.D
Level 3	STD3 460-910866/6	C24859.D
Level 4	STD4 460-910866/5	C24857.D
Level 5	ICIS 460-910866/2	C24851.D
Level 6	STD6 460-910866/4	C24855.D
Level 7	STD7 460-910866/3	C24853.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.9158 0.4707	0.4614 0.4592	0.4559	0.4738	0.4664	Lin2	0.0093	0.4369			0.0100	8.8			0.9930		0.9900
N-Nitrosodimethylamine	0.4837 0.5894	0.5006 0.6351	0.5288	0.5541	0.6049	Ave		0.5567			0.0100	10.1		20.0			
Bis(2-chloroethyl)ether	1.0286 1.1061	1.0676 1.1441	0.9866	1.0630	1.1082	Ave		1.0720			0.7000	5.0		20.0			
Naphthalene	1.1087 1.0829	1.0479 1.0766	1.0202	1.0545	1.0515	Ave		1.0632			0.7000	2.7		20.0			
Acenaphthylene	1.7562 1.8323	1.6905 2.0628	1.6301	1.7280	1.7987	Ave		1.7855			0.9000	7.8		20.0			
Acenaphthene	1.3417 1.1411	1.1736 1.2482	1.1217	1.1181	1.1345	Ave		1.1827			0.9000	7.0		20.0			
Fluorene	1.4052 1.3873	1.3384 1.4817	1.2989	1.3024	1.3680	Ave		1.3689			0.9000	4.7		20.0			
4,6-Dinitro-2-methylphenol	0.0550 0.0940	0.0641 0.1203	0.0640	0.0655	0.0860	Qua	-0.001	0.0706	0.0124557		0.0100	8.7			1.0000		0.9900
Hexachlorobenzene	0.3288 0.3113	0.3022 0.3231	0.2993	0.3012	0.2865	Ave		0.3075			0.1000	4.8		20.0			
Pentachlorophenol	0.0702 0.1485	0.1133 0.1922	0.1155	0.1220	0.1478	Qua	-0.002	0.1373	0.0138389		0.0500	6.6			1.0000		0.9900
Phenanthrene	1.2941 1.2294	1.1845 1.2897	1.1192	1.1636	1.1610	Ave		1.2059			0.7000	5.6		20.0			
Anthracene	0.9549 0.9604	0.8612 1.0350	0.8322	0.8827	0.9182	Ave		0.9206			0.7000	7.5		20.0			
Fluoranthene	1.1093 1.1229	1.0327 1.2013	1.0113	1.0448	1.0826	Ave		1.0864			0.6000	6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 910866

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2023 10:42 Calibration End Date: 05/23/2023 15:07 Calibration ID: 93239

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.6358 1.5710	1.5200 1.7194	1.4655	1.5602	1.6215	Ave		1.5848			0.6000	5.2		20.0			
Benzo[a]anthracene	1.3518 1.1535	1.1950 1.3711	1.0566	1.0833	1.2250	Ave		1.2052			0.8000	10.1		20.0			
Chrysene	1.5488 1.5352	1.4289 1.5234	1.4050	1.4986	1.4787	Ave		1.4884			0.7000	3.7		20.0			
Benzo[b]fluoranthene	1.5559 1.4713	1.4233 1.6895	1.4017	1.4307	1.3956	Ave		1.4811			0.7000	7.2		20.0			
Benzo[k]fluoranthene	1.5782 1.6372	1.4836 1.8730	1.3503	1.5437	1.6228	Ave		1.5841			0.7000	10.1		20.0			
Benzo[a]pyrene	0.9901 1.0530	0.9425 1.2221	0.8910	0.9517	0.9776	Ave		1.0040			0.7000	10.8		20.0			
Indeno[1,2,3-cd]pyrene	1.2545 1.2192	1.1916 1.5151	1.1136	1.1735	1.1849	Ave		1.2360			0.5000	10.6		20.0			
Dibenz(a,h)anthracene	1.2601 1.3825	1.1486 1.6482	1.1207	1.2310	1.2753	Ave		1.2952			0.4000	13.7		20.0			
Benzo[g,h,i]perylene	1.4424 1.4529	1.3602 1.6580	1.2965	1.4005	1.3688	Ave		1.4256			0.5000	8.1		20.0			
Nitrobenzene-d5	0.2765 0.3287	0.2727 0.3212	0.2875	0.3005	0.2930	Ave		0.2972			0.0100	7.2		20.0			
2-Fluorobiphenyl	1.7860 1.6786	1.7432 1.5337	1.7661	1.7372	1.6145	Ave		1.6942			0.0100	5.4		20.0			
2,4,6-Tribromophenol	0.2238 0.2781	0.2234 0.2554	0.2315	0.2392	0.2456	Ave		0.2424			0.0100	8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 910866

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2023 10:42 Calibration End Date: 05/23/2023 15:07 Calibration ID: 93239

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-910866/8	C24863.D
Level 2	STD2 460-910866/7	C24861.D
Level 3	STD3 460-910866/6	C24859.D
Level 4	STD4 460-910866/5	C24857.D
Level 5	ICIS 460-910866/2	C24851.D
Level 6	STD6 460-910866/4	C24855.D
Level 7	STD7 460-910866/3	C24853.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCBd 4	Lin2	4612 201873	10475 345666	19847	42667	80477	0.0200 2.00	0.100 4.00	0.200	0.400	0.800
N-Nitrosodimethylamine	DCBd 4	Ave	2436 126389	5683 239044	11510	24951	52189	0.0200 1.00	0.0500 2.00	0.100	0.200	0.400
Bis(2-chloroethyl)ether	DCBd 4	Ave	518 237204	1212 430621	4295	47866	95611	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Naphthalene	NPT	Ave	4436 291890	7340 1274463	14004	73588	145928	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthylene	ANT	Ave	3292 236770	5445 1103003	10724	56449	117481	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthene	ANT	Ave	2515 147455	3780 667392	7379	36523	74099	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Fluorene	ANT	Ave	2634 179265	4311 792286	8545	42546	89353	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	Qua	1446 108580	3684 222725	7729	15149	40251	0.0400 2.00	0.100 4.00	0.200	0.400	0.800
Hexachlorobenzene	PHN	Ave	432 179755	868 299073	3615	34827	67045	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Pentachlorophenol	PHN	Qua	922 85752	3256 355864	6976	14103	34593	0.0200 1.00	0.0500 4.00	0.100	0.200	0.400
Phenanthrene	PHN	Ave	4250 283935	6805 1193697	13519	67269	135871	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Anthracene	PHN	Ave	3136 221802	4948 957963	10052	51026	107448	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 910866

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2023 10:42 Calibration End Date: 05/23/2023 15:07 Calibration ID: 93239

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	3643 259342	5933 1111836	12216	60399	126689	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Pyrene	CRY	Ave	3611 265062	5842 1147174	12322	62117	129976	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]anthracene	CRY	Ave	2984 194633	4593 914831	8884	43130	98195	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Chrysene	CRY	Ave	3419 259024	5492 1016459	11813	59665	118534	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[b]fluoranthene	PRY	Ave	2783 215881	4508 953206	9876	47371	100064	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	2823 240231	4699 1056702	9514	51112	116357	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]pyrene	PRY	Ave	1771 154507	2985 689480	6278	31512	70098	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	2244 178889	3774 854812	7846	38853	84958	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Dibenz(a,h)anthracene	PRY	Ave	2254 202852	3638 929873	7896	40759	91439	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	2580 213187	4308 935435	9135	46372	98146	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Nitrobenzene-d5	NPT	Ave	22125 1107547	38197 3802480	78929	167779	203312	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	66959 2711388	112293 8200821	232367	453995	527279	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2,4,6-Tribromophenol	ANT	Ave	8391 449200	14394 1365729	30461	62523	80200	0.100 5.00	0.200 20.0	0.400	0.800	1.00

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

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

Lab Name: Eurofins Edison Job No.: 480-210122-1 Analy Batch No.: 910866

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2023 10:42 Calibration End Date: 05/23/2023 15:07 Calibration ID: 93239

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-910866/8	C24863.D
Level 2	STD2 460-910866/7	C24861.D
Level 3	STD3 460-910866/6	C24859.D
Level 4	STD4 460-910866/5	C24857.D
Level 5	ICIS 460-910866/2	C24851.D
Level 6	STD6 460-910866/4	C24855.D
Level 7	STD7 460-910866/3	C24853.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	3.4						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24851.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 23-May-2023 10:42:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:37 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 23-May-2023 11:01:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.841	1.841	0.000	79	80477	0.8000	0.8328	
	2 N-Nitrosodimethylamine	74	2.049	2.049	0.000	72	52189	0.4000	0.4347	
	3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	95	95611	0.4000	0.4135	
*	4 1,4-Dichlorobenzene-d4	152	4.396	4.396	0.000	100	43138	0.2000	0.2000	
$	5 Nitrobenzene-d5	82	4.916	4.916	0.000	97	203312	1.00	0.9860	
*	7 Naphthalene-d8	136	5.606	5.606	0.000	100	138778	0.2000	0.2000	
	8 Naphthalene	128	5.627	5.627	0.000	100	145928	0.2000	0.1978	
$	9 2-Fluorobiphenyl	172	6.629	6.629	0.000	100	527279	1.00	0.9530	
	10 Acenaphthylene	152	7.125	7.125	0.000	100	117481	0.2000	0.2015	
*	11 Acenaphthene-d10	164	7.261	7.261	0.000	97	65316	0.2000	0.2000	
	12 Acenaphthene	154	7.297	7.297	0.000	80	74099	0.2000	0.1918	
	13 Fluorene	166	7.784	7.784	0.000	98	89353	0.2000	0.1999	
	14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	97	40251	0.8000	0.8575	
$	23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	80200	1.00	1.01	
	15 Hexachlorobenzene	284	8.308	8.308	0.000	97	67045	0.4000	0.3726	
	16 Pentachlorophenol	266	8.488	8.488	0.000	98	34593	0.4000	0.4236	
*	17 Phenanthrene-d10	188	8.669	8.669	0.000	99	117025	0.2000	0.2000	
	18 Phenanthrene	178	8.687	8.687	0.000	38	135871	0.2000	0.1926	
	19 Anthracene	178	8.741	8.741	0.000	100	107448	0.2000	0.1995	
	20 Fluoranthene	202	9.811	9.811	0.000	100	126689	0.2000	0.1993	
	21 Pyrene	202	10.021	10.021	0.000	100	129976	0.2000	0.2046	
$	22 Terphenyl-d14	244	10.186	10.186	0.000	99	373584	1.00	0.9637	
	24 Benzo[a]anthracene	228	11.274	11.274	0.000	36	98195	0.2000	0.2033	
*	25 Chrysene-d12	240	11.287	11.287	0.000	94	80160	0.2000	0.2000	
	26 Chrysene	228	11.313	11.313	0.000	100	118534	0.2000	0.1987	
	27 Benzo[b]fluoranthene	252	12.638	12.638	0.000	100	100064	0.2000	0.1884	
	28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	99	116357	0.2000	0.2049	
	29 Benzo[a]pyrene	252	13.080	13.080	0.000	99	70098	0.2000	0.1947	
*	30 Perylene-d12	264	13.159	13.159	0.000	100	71701	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.708	14.708	0.000	100	84958	0.2000	0.1917	
	32 Dibenz(a,h)anthracene	278	14.761	14.761	0.000	47	91439	0.2000	0.1969	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	99	98146	0.2000	0.1920	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00018 Amount Added: 1.00 Units: mL

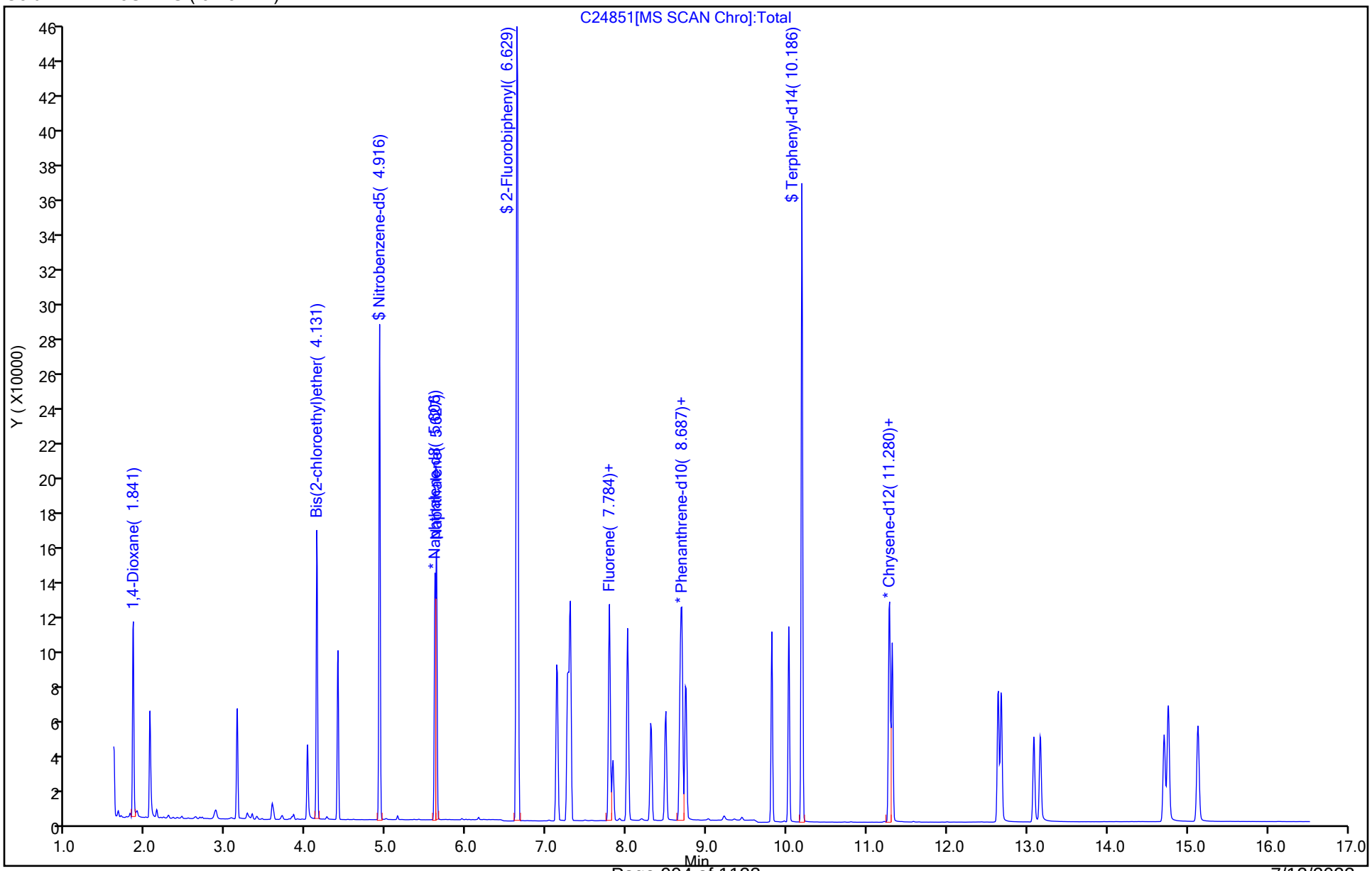
Report Date: 24-May-2023 10:26:38 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24851.D

Injection Date:	23-May-2023 10:42:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24853.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-May-2023 11:26:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-003
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:39 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 23-May-2023 11:46:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.831	1.841	-0.010	81	345666	4.00	4.18	
	2 N-Nitrosodimethylamine	74	2.039	2.049	-0.010	72	239044	2.00	2.28	
	3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	94	430621	2.00	2.13	
*	4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	37637	0.2000	0.2000	
$	5 Nitrobenzene-d5	82	4.916	4.916	0.000	96	3802480	20.0	21.6	
*	7 Naphthalene-d8	136	5.606	5.606	0.000	100	118380	0.2000	0.2000	
	8 Naphthalene	128	5.622	5.627	-0.005	100	1274463	2.00	2.03	
$	9 2-Fluorobiphenyl	172	6.629	6.629	0.000	100	8200821	20.0	18.1	
	10 Acenaphthylene	152	7.125	7.125	0.000	100	1103003	2.00	2.31	
*	11 Acenaphthene-d10	164	7.261	7.261	0.000	97	53470	0.2000	0.2000	
	12 Acenaphthene	154	7.297	7.297	0.000	80	667392	2.00	2.11	
	13 Fluorene	166	7.784	7.784	0.000	98	792286	2.00	2.16	
	14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	96	222725	4.00	4.00	
$	23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	1365729	20.0	21.1	
	15 Hexachlorobenzene	284	8.299	8.308	-0.009	99	299073	2.00	2.10	
	16 Pentachlorophenol	266	8.489	8.488	0.001	98	355864	4.00	4.00	
*	17 Phenanthrene-d10	188	8.669	8.669	0.000	31	92555	0.2000	0.2000	
	18 Phenanthrene	178	8.687	8.687	0.000	32	1193697	2.00	2.14	
	19 Anthracene	178	8.732	8.741	-0.009	100	957963	2.00	2.25	
	20 Fluoranthene	202	9.811	9.811	0.000	100	1111836	2.00	2.21	
	21 Pyrene	202	10.022	10.021	0.001	100	1147174	2.00	2.17	
$	22 Terphenyl-d14	244	10.186	10.186	0.000	98	5328100	20.0	16.5	
	24 Benzo[a]anthracene	228	11.274	11.274	0.000	7	914831	2.00	2.28	
*	25 Chrysene-d12	240	11.281	11.287	-0.006	9	66721	0.2000	0.2000	
	26 Chrysene	228	11.314	11.313	0.001	100	1016459	2.00	2.05	
	27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	953206	2.00	2.28	
	28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	99	1056702	2.00	2.36	
	29 Benzo[a]pyrene	252	13.080	13.080	0.000	100	689480	2.00	2.43	
*	30 Perylene-d12	264	13.159	13.159	0.000	100	56418	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.708	14.708	0.000	100	854812	2.00	2.45	
	32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	98	929873	2.00	2.55	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	99	935435	2.00	2.33	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL7_00002 Amount Added: 1.00 Units: mL

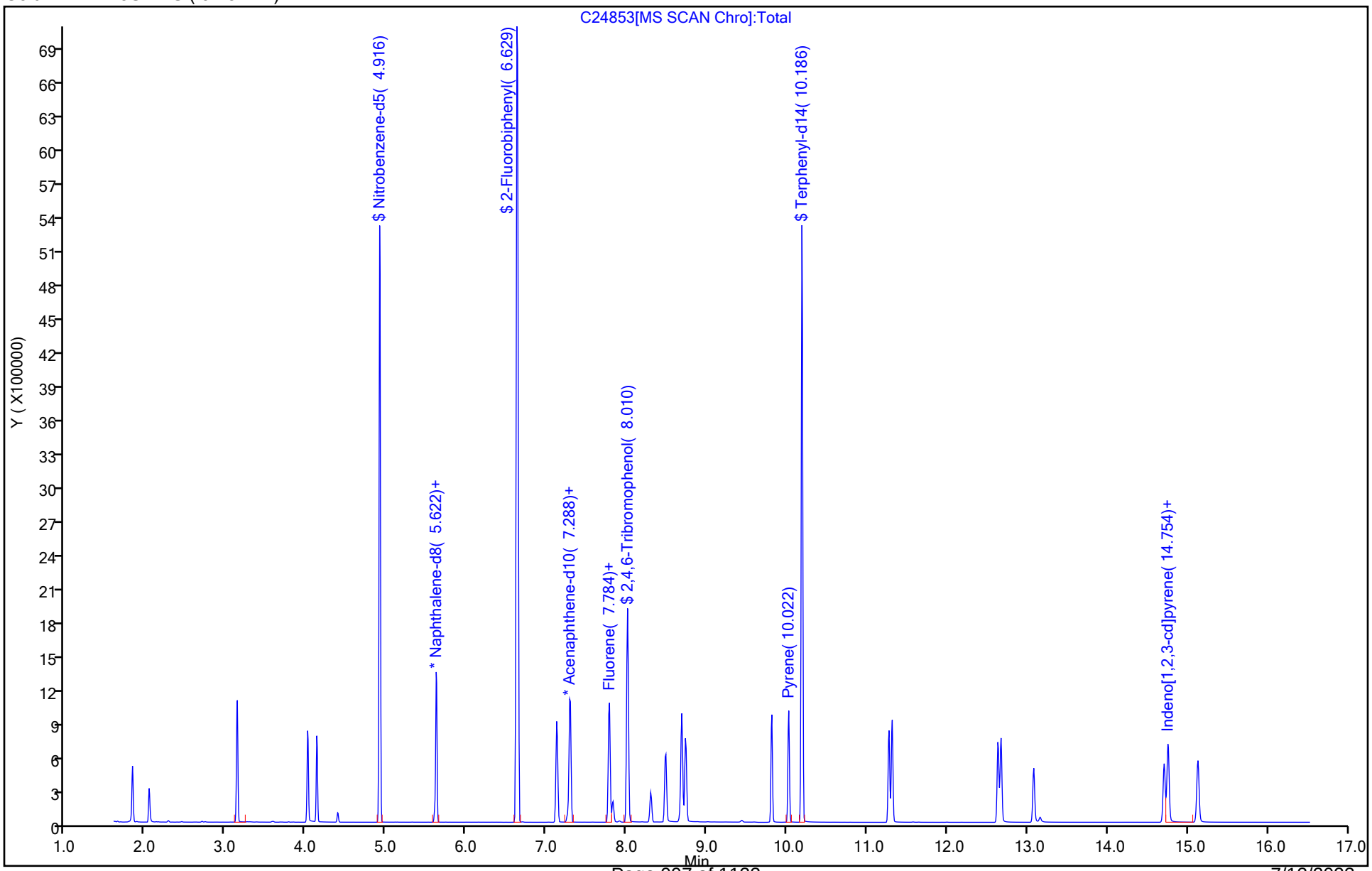
Report Date: 24-May-2023 10:26:40 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24853.D

Injection Date:	23-May-2023 11:26:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24855.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-May-2023 12:10:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-004
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:41 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 23-May-2023 12:38:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.841	1.841	0.000	80	201873	2.00	2.13	
2 N-Nitrosodimethylamine	74	2.049	2.049	0.000	71	126389	1.00	1.06	
3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	93	237204	1.00	1.03	
* 4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	42890	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.916	4.916	0.000	95	1107547	5.00	5.53	
* 7 Naphthalene-d8	136	5.606	5.606	0.000	100	134778	0.2000	0.2000	
8 Naphthalene	128	5.622	5.627	-0.005	100	291890	0.4000	0.4074	
$ 9 2-Fluorobiphenyl	172	6.629	6.629	0.000	100	2711388	5.00	4.95	
10 Acenaphthylene	152	7.125	7.125	0.000	100	236770	0.4000	0.4105	
* 11 Acenaphthene-d10	164	7.261	7.261	0.000	98	64609	0.2000	0.2000	
12 Acenaphthene	154	7.297	7.297	0.000	80	147455	0.4000	0.3859	
13 Fluorene	166	7.784	7.784	0.000	99	179265	0.4000	0.4054	
14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	96	108580	2.00	1.98	
$ 23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	449200	5.00	5.74	
15 Hexachlorobenzene	284	8.299	8.308	-0.009	99	179755	1.00	1.01	
16 Pentachlorophenol	266	8.488	8.488	0.000	98	85752	1.00	0.99	
* 17 Phenanthrene-d10	188	8.669	8.669	0.000	97	115475	0.2000	0.2000	
18 Phenanthrene	178	8.687	8.687	0.000	32	283935	0.4000	0.4078	
19 Anthracene	178	8.732	8.741	-0.009	100	221802	0.4000	0.4173	
20 Fluoranthene	202	9.811	9.811	0.000	100	259342	0.4000	0.4135	
21 Pyrene	202	10.022	10.021	0.001	100	265062	0.4000	0.3965	
$ 22 Terphenyl-d14	244	10.186	10.186	0.000	99	2008092	5.00	4.92	
24 Benzo[a]anthracene	228	11.274	11.274	0.000	27	194633	0.4000	0.3829	
* 25 Chrysene-d12	240	11.281	11.287	-0.006	64	84363	0.2000	0.2000	
26 Chrysene	228	11.313	11.313	0.000	100	259024	0.4000	0.4126	
27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	215881	0.4000	0.3973	
28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	100	240231	0.4000	0.4134	
29 Benzo[a]pyrene	252	13.080	13.080	0.000	100	154507	0.4000	0.4195	
* 30 Perylene-d12	264	13.159	13.159	0.000	100	73366	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.701	14.708	-0.007	100	178889	0.4000	0.3945	
32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	46	202852	0.4000	0.4270	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	99	213187	0.4000	0.4077	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL6_00019 Amount Added: 1.00 Units: mL

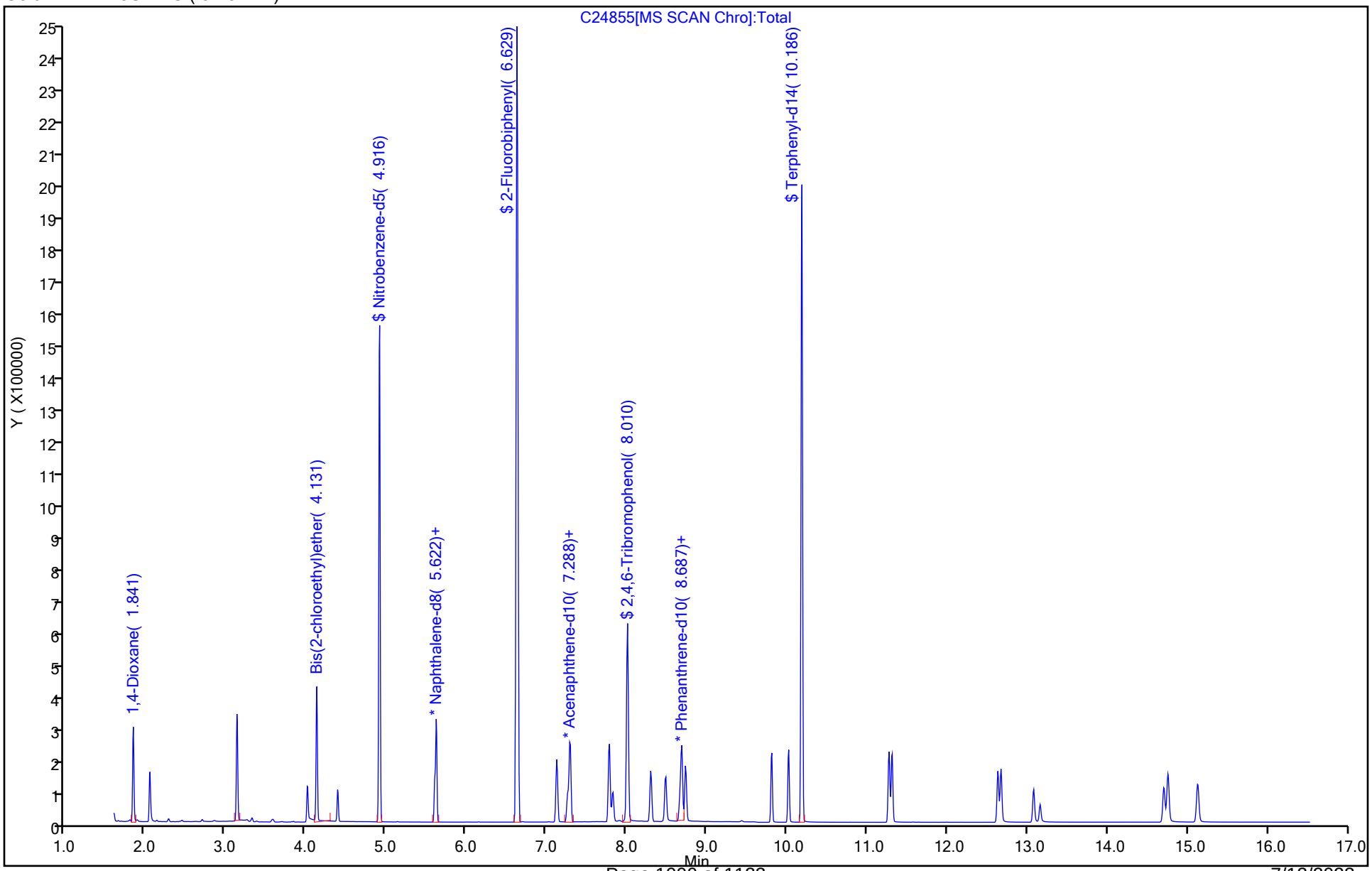
Report Date: 24-May-2023 10:26:41 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24855.D

Injection Date:	23-May-2023 12:10:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24857.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-May-2023 12:55:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-005
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:42 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 23-May-2023 13:16:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.852	1.841	0.011	79	42667	0.4000	0.4126	
2 N-Nitrosodimethylamine	74	2.064	2.049	0.015	71	24951	0.2000	0.1991	
3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	94	47866	0.2000	0.1983	
* 4 1,4-Dichlorobenzene-d4	152	4.396	4.396	0.000	100	45028	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.916	4.916	0.000	96	167779	0.8000	0.8091	
* 7 Naphthalene-d8	136	5.606	5.606	0.000	100	139566	0.2000	0.2000	
8 Naphthalene	128	5.622	5.627	-0.005	100	73588	0.1000	0.0992	
$ 9 2-Fluorobiphenyl	172	6.629	6.629	0.000	100	453995	0.8000	0.8203	
10 Acenaphthylene	152	7.125	7.125	0.000	100	56449	0.1000	0.0968	
* 11 Acenaphthene-d10	164	7.261	7.261	0.000	97	65333	0.2000	0.2000	
12 Acenaphthene	154	7.297	7.297	0.000	80	36523	0.1000	0.0945	
13 Fluorene	166	7.784	7.784	0.000	99	42546	0.1000	0.0951	
14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	97	15149	0.4000	0.3614	
$ 23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	98	62523	0.8000	0.7894	
15 Hexachlorobenzene	284	8.299	8.308	-0.009	100	34827	0.2000	0.1959	
16 Pentachlorophenol	266	8.488	8.488	0.000	98	14103	0.2000	0.1852	
* 17 Phenanthrene-d10	188	8.669	8.669	0.000	100	115619	0.2000	0.2000	
18 Phenanthrene	178	8.687	8.687	0.000	43	67269	0.1000	0.0965	
19 Anthracene	178	8.732	8.741	-0.009	99	51026	0.1000	0.0959	
20 Fluoranthene	202	9.811	9.811	0.000	100	60399	0.1000	0.0962	
21 Pyrene	202	10.021	10.021	0.000	100	62117	0.1000	0.0984	
$ 22 Terphenyl-d14	244	10.186	10.186	0.000	99	329523	0.8000	0.8557	
24 Benzo[a]anthracene	228	11.267	11.274	-0.007	48	43130	0.1000	0.0899	
* 25 Chrysene-d12	240	11.280	11.287	-0.007	96	79628	0.2000	0.2000	
26 Chrysene	228	11.313	11.313	0.000	100	59665	0.1000	0.1007	
27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	47371	0.1000	0.0966	
28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	96	51112	0.1000	0.0974	
29 Benzo[a]pyrene	252	13.080	13.080	0.000	99	31512	0.1000	0.0948	
* 30 Perylene-d12	264	13.159	13.159	0.000	100	66220	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.701	14.708	-0.007	100	38853	0.1000	0.0949	
32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	46	40759	0.1000	0.0950	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.123	15.130	-0.007	99	46372	0.1000	0.0982	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL4_00017 Amount Added: 1.00 Units: mL

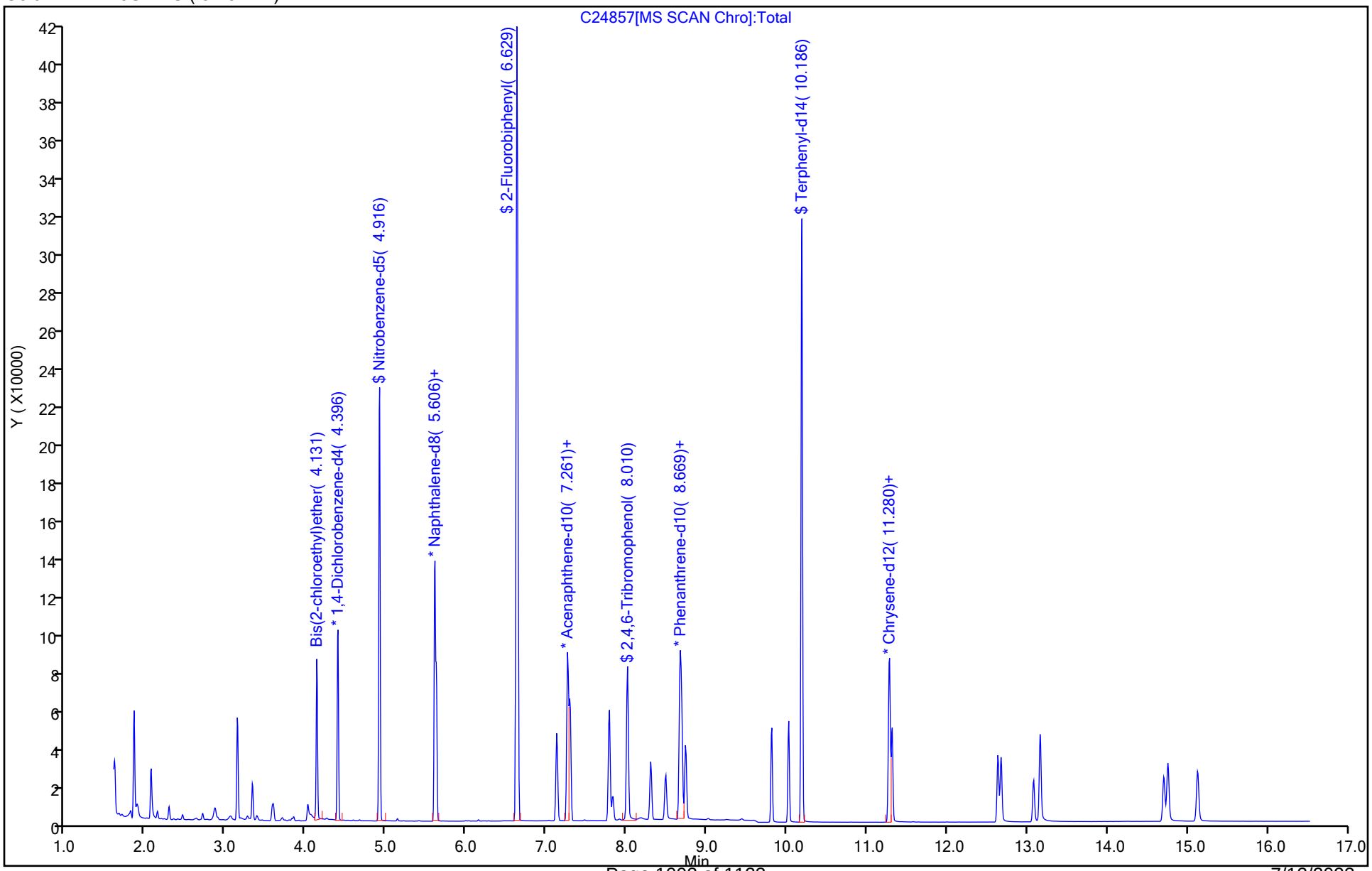
Report Date: 24-May-2023 10:26:43 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24857.D

Injection Date:	23-May-2023 12:55:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24859.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-May-2023 13:39:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-006
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:44 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 23-May-2023 14:01:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.841	1.841	0.000	81	19847	0.2000	0.1875	
	2 N-Nitrosodimethylamine	74	2.059	2.049	0.010	71	11510	0.1000	0.0950	
	3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	92	4295	0.0200	0.0184	
*	4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	43533	0.2000	0.2000	
$	5 Nitrobenzene-d5	82	4.910	4.916	-0.006	98	78929	0.4000	0.3870	
*	7 Naphthalene-d8	136	5.601	5.606	-0.005	100	137272	0.2000	0.2000	
	8 Naphthalene	128	5.622	5.627	-0.005	100	14004	0.0200	0.0192	
$	9 2-Fluorobiphenyl	172	6.629	6.629	0.000	100	232367	0.4000	0.4170	
	10 Acenaphthylene	152	7.125	7.125	0.000	100	10724	0.0200	0.0183	
*	11 Acenaphthene-d10	164	7.261	7.261	0.000	98	65786	0.2000	0.2000	
	12 Acenaphthene	154	7.297	7.297	0.000	98	7379	0.0200	0.0190	
	13 Fluorene	166	7.784	7.784	0.000	98	8545	0.0200	0.0190	
	14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	97	7729	0.2000	0.1884	
$	23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	30461	0.4000	0.3820	
	15 Hexachlorobenzene	284	8.299	8.308	-0.009	98	3615	0.0200	0.0195	
	16 Pentachlorophenol	266	8.489	8.488	0.001	97	6976	0.1000	0.0942	
*	17 Phenanthrene-d10	188	8.669	8.669	0.000	100	120795	0.2000	0.2000	
	18 Phenanthrene	178	8.687	8.687	0.000	87	13519	0.0200	0.0186	
	19 Anthracene	178	8.732	8.741	-0.009	99	10052	0.0200	0.0181	
	20 Fluoranthene	202	9.811	9.811	0.000	100	12216	0.0200	0.0186	
	21 Pyrene	202	10.022	10.021	0.001	100	12322	0.0200	0.0185	
$	22 Terphenyl-d14	244	10.186	10.186	0.000	100	171450	0.4000	0.4217	
	24 Benzo[a]anthracene	228	11.267	11.274	-0.007	98	8884	0.0200	0.0175	
*	25 Chrysene-d12	240	11.281	11.287	-0.006	100	84079	0.2000	0.2000	
	26 Chrysene	228	11.313	11.313	0.000	100	11813	0.0200	0.0189	
	27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	9876	0.0200	0.0189	
	28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	99	9514	0.0200	0.0170	
	29 Benzo[a]pyrene	252	13.080	13.080	0.000	99	6278	0.0200	0.0177	
*	30 Perylene-d12	264	13.159	13.159	0.000	100	70459	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.701	14.708	-0.007	99	7846	0.0200	0.0180	
	32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	46	7896	0.0200	0.0173	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.123	15.130	-0.007	99	9135	0.0200	0.0182	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL3_00021 Amount Added: 1.00 Units: mL

Report Date: 24-May-2023 10:26:44 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24859.D

Injection Date: 23-May-2023 13:39:30 Instrument ID: CBNAMS13 Operator ID:

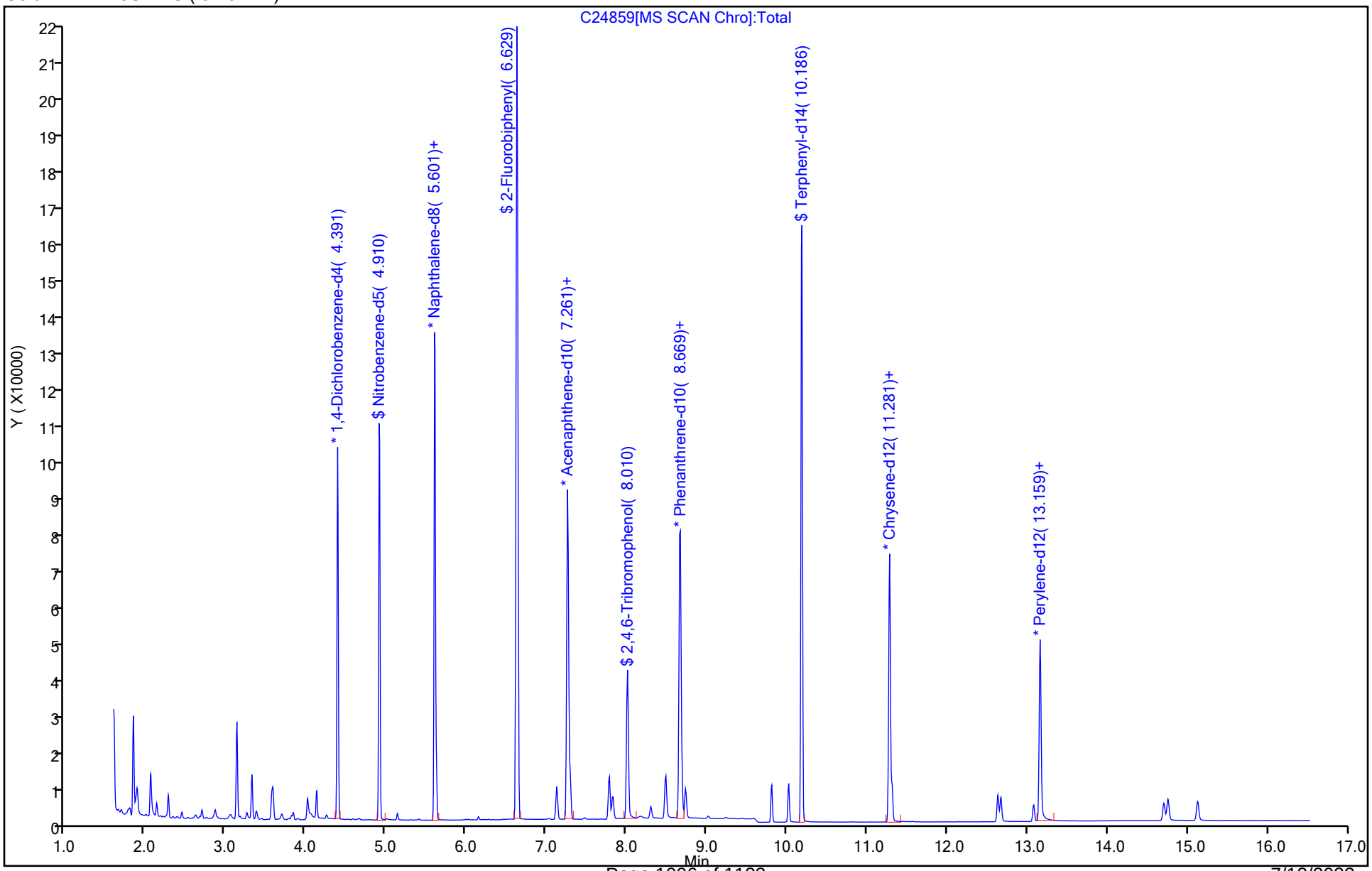
Lims ID: STD3 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24861.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-May-2023 14:23:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-007
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:45 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: LKI7 Date: 24-May-2023 08:45:38

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.841	0.005	82	10475	0.1000	0.0844	
	2 N-Nitrosodimethylamine	74	2.070	2.049	0.021	71	5683	0.0500	0.0450	
	3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	92	1212	0.005000	0.004979	
*	4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	45409	0.2000	0.2000	
$	5 Nitrobenzene-d5	82	4.910	4.916	-0.006	98	38197	0.2000	0.1835	
*	7 Naphthalene-d8	136	5.601	5.606	-0.005	100	140088	0.2000	0.2000	
	8 Naphthalene	128	5.622	5.627	-0.005	99	7340	0.0100	0.009856	
$	9 2-Fluorobiphenyl	172	6.628	6.629	-0.001	100	112293	0.2000	0.2058	
	10 Acenaphthylene	152	7.125	7.125	0.000	100	5445	0.0100	0.009468	
*	11 Acenaphthene-d10	164	7.260	7.261	-0.001	97	64419	0.2000	0.2000	
	12 Acenaphthene	154	7.288	7.297	-0.009	85	3780	0.0100	0.0099	
	13 Fluorene	166	7.784	7.784	0.000	97	4311	0.0100	0.009778	
	14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	97	3684	0.1000	0.1024	
$	23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	14394	0.2000	0.1843	
	15 Hexachlorobenzene	284	8.299	8.308	-0.009	98	868	0.005000	0.004913	
	16 Pentachlorophenol	266	8.488	8.488	0.000	97	3256	0.0500	0.0520	
*	17 Phenanthrene-d10	188	8.669	8.669	0.000	100	114904	0.2000	0.2000	
	18 Phenanthrene	178	8.687	8.687	0.000	92	6805	0.0100	0.009822	
	19 Anthracene	178	8.732	8.741	-0.009	100	4948	0.0100	0.009355	
	20 Fluoranthene	202	9.811	9.811	0.000	100	5933	0.0100	0.009506	
	21 Pyrene	202	10.021	10.021	0.000	100	5842	0.0100	0.009591	
$	22 Terphenyl-d14	244	10.186	10.186	0.000	99	77449	0.2000	0.2083	
	24 Benzo[a]anthracene	228	11.274	11.274	0.000	92	4593	0.0100	0.0099	
*	25 Chrysene-d12	240	11.280	11.287	-0.007	99	76870	0.2000	0.2000	
	26 Chrysene	228	11.313	11.313	0.000	100	5492	0.0100	0.009600	
	27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	4508	0.0100	0.009610	
	28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	95	4699	0.0100	0.009366	
	29 Benzo[a]pyrene	252	13.080	13.080	0.000	100	2985	0.0100	0.009387	
*	30 Perylene-d12	264	13.159	13.159	0.000	100	63345	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.708	14.708	0.000	100	3774	0.0100	0.009640	
	32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	45	3638	0.0100	0.008868	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	98	4308	0.0100	0.009541	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL2_00018 Amount Added: 1.00 Units: mL

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-May-2023 15:07:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-008
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 10:26:47 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: LKI7 Date: 24-May-2023 08:45:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.872	1.841	0.031	55	4612	0.0200	0.0207	M
2 N-Nitrosodimethylamine	74	2.085	2.049	0.036	72	2436	0.0200	0.0174	
3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	90	518	0.002000	0.001919	
* 4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	50361	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.910	4.916	-0.006	99	22125	0.1000	0.0930	
* 7 Naphthalene-d8	136	5.606	5.606	0.000	100	160043	0.2000	0.2000	
8 Naphthalene	128	5.622	5.627	-0.005	89	4436	0.005000	0.005214	
$ 9 2-Fluorobiphenyl	172	6.628	6.629	-0.001	100	66959	0.1000	0.1054	
10 Acenaphthylene	152	7.125	7.125	0.000	100	3292	0.005000	0.004918	
* 11 Acenaphthene-d10	164	7.260	7.261	-0.001	97	74981	0.2000	0.2000	
12 Acenaphthene	154	7.296	7.297	-0.001	99	2515	0.005000	0.005672	
13 Fluorene	166	7.784	7.784	0.000	98	2634	0.005000	0.005133	
14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	98	1446	0.0400	0.0443	
$ 23 2,4,6-Tribromophenol	330	8.010	8.010	0.000	99	8391	0.1000	0.0923	
15 Hexachlorobenzene	284	8.299	8.308	-0.009	99	432	0.002000	0.002139	
16 Pentachlorophenol	266	8.488	8.488	0.000	97	922	0.0200	0.0212	
* 17 Phenanthrene-d10	188	8.669	8.669	0.000	100	131367	0.2000	0.2000	
18 Phenanthrene	178	8.687	8.687	0.000	81	4250	0.005000	0.005365	
19 Anthracene	178	8.732	8.741	-0.009	99	3136	0.005000	0.005186	
20 Fluoranthene	202	9.810	9.811	-0.001	100	3643	0.005000	0.005105	
21 Pyrene	202	10.021	10.021	0.000	100	3611	0.005000	0.005161	
$ 22 Terphenyl-d14	244	10.186	10.186	0.000	100	45286	0.1000	0.1061	
24 Benzo[a]anthracene	228	11.274	11.274	0.000	91	2984	0.005000	0.005608	
* 25 Chrysene-d12	240	11.280	11.287	-0.007	99	88299	0.2000	0.2000	
26 Chrysene	228	11.313	11.313	0.000	100	3419	0.005000	0.005203	
27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	2783	0.005000	0.005252	
28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	98	2823	0.005000	0.004981	
29 Benzo[a]pyrene	252	13.080	13.080	0.000	99	1771	0.005000	0.004931	
* 30 Perylene-d12	264	13.159	13.159	0.000	100	71548	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.708	14.708	0.000	100	2244	0.005000	0.005075	
32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	44	2254	0.005000	0.004865	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	98	2580	0.005000	0.005059	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL1_00018 Amount Added: 1.00 Units: mL

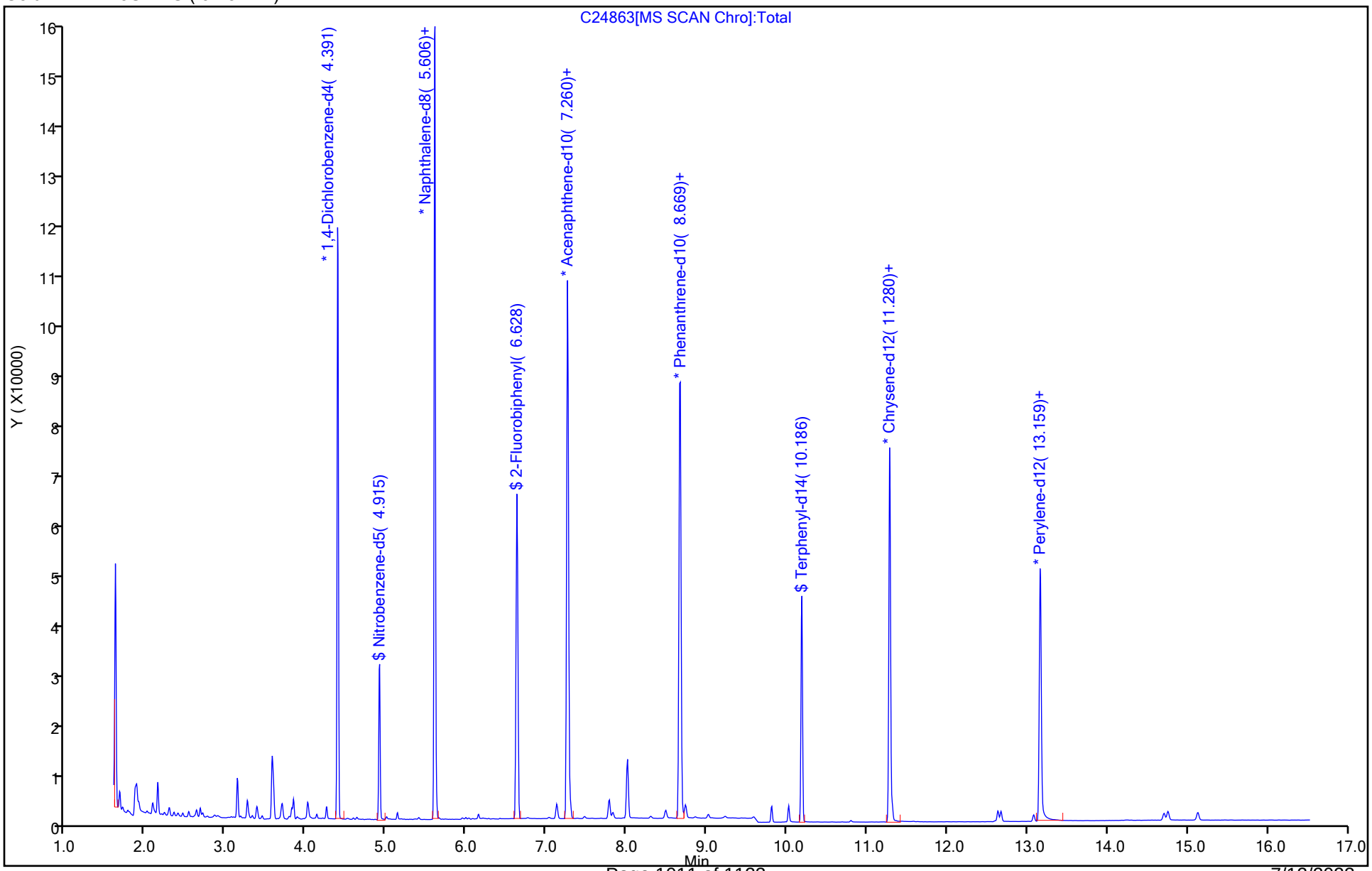
Report Date: 24-May-2023 10:26:47 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Injection Date:	23-May-2023 15:07:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

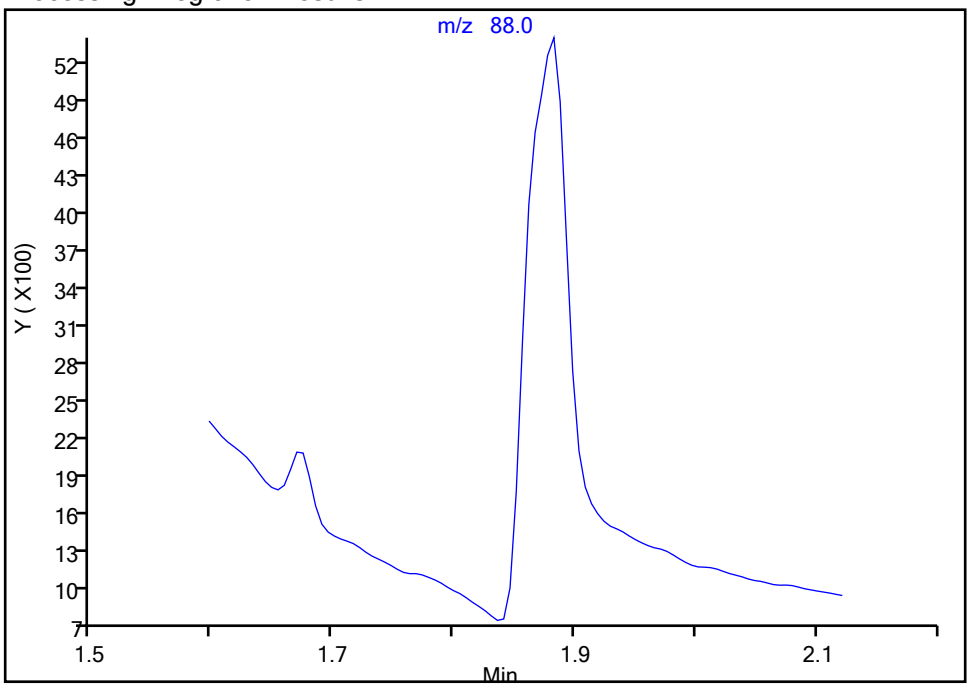
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D
Injection Date: 23-May-2023 15:07:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

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

Signal: 1

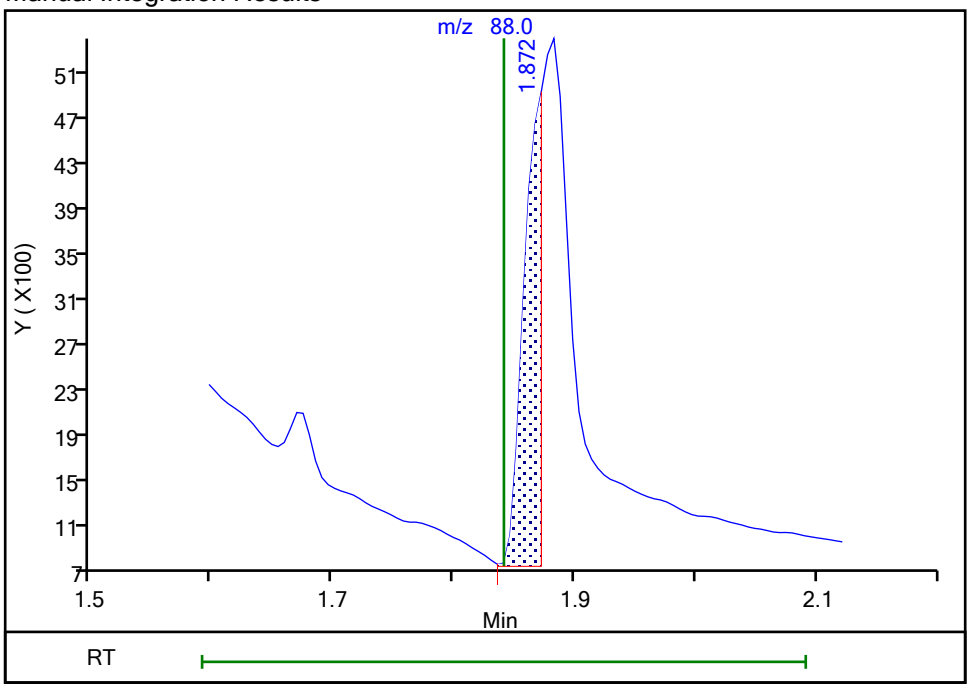
Not Detected
Expected RT: 1.84

Processing Integration Results



Manual Integration Results

RT: 1.87
Area: 4612
Amount: 0.020681
Amount Units: ug/ml



Reviewer: LKI7, 24-May-2023 08:46:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Calibration / 1,4-Dioxane

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

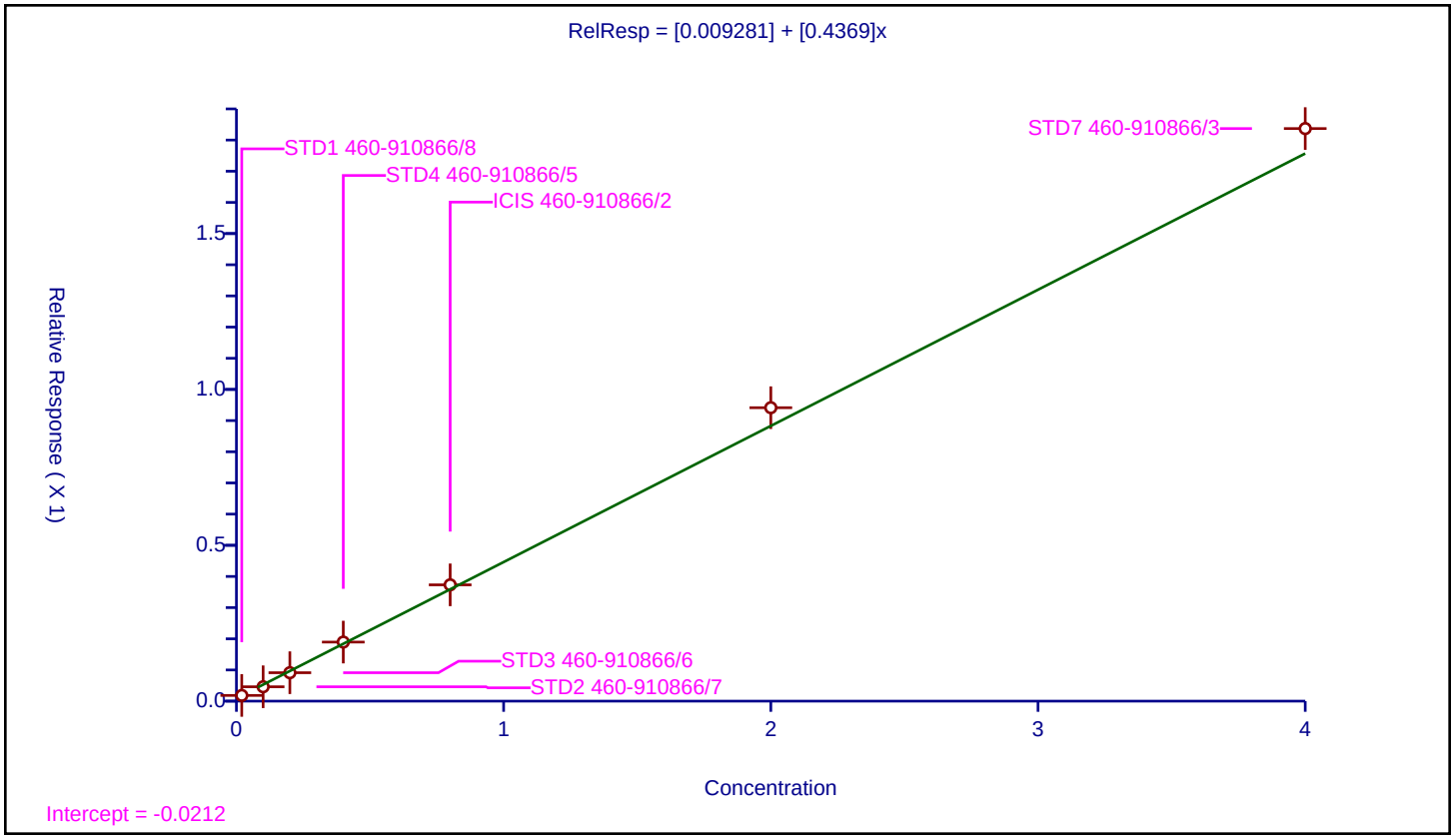
Curve Coefficients

Intercept:	0.009281
Slope:	0.4369

Error Coefficients

Standard Error:	184000
Relative Standard Error:	8.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.02	0.018316	0.2	50361.0	0.915788	Y
2	STD2 460-910866/7	0.1	0.046136	0.2	45409.0	0.461362	Y
3	STD3 460-910866/6	0.2	0.091181	0.2	43533.0	0.455907	Y
4	STD4 460-910866/5	0.4	0.189513	0.2	45028.0	0.473783	Y
5	ICIS 460-910866/2	0.8	0.373114	0.2	43138.0	0.466393	Y
6	STD6 460-910866/4	2.0	0.941352	0.2	42890.0	0.470676	Y
7	STD7 460-910866/3	4.0	1.836841	0.2	37637.0	0.45921	Y



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Calibration / N-Nitrosodimethylamine

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

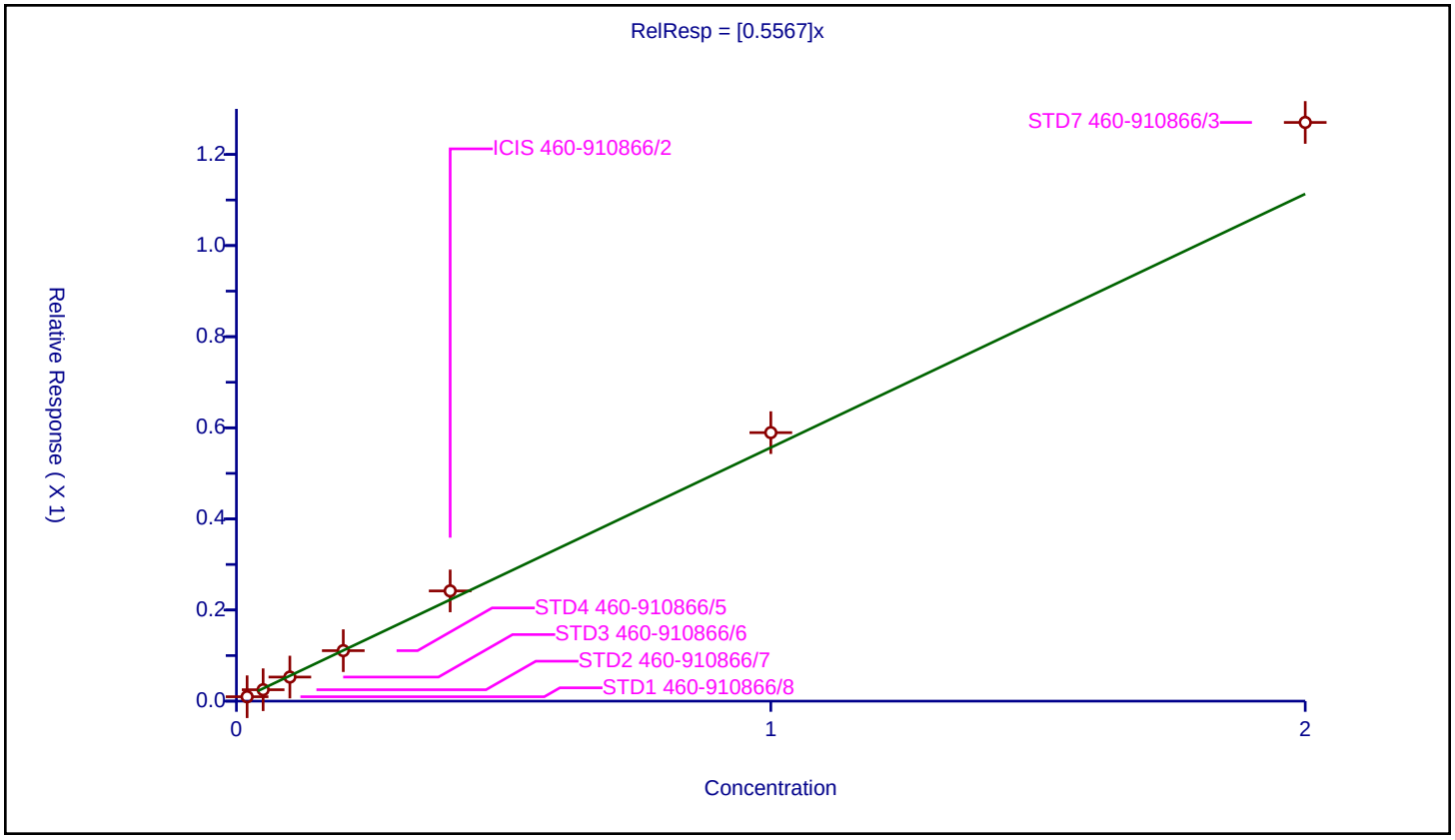
Curve Coefficients

Intercept:	0
Slope:	0.5567

Error Coefficients

Standard Error:	113000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.02	0.009674	0.2	50361.0	0.483708	Y
2	STD2 460-910866/7	0.05	0.02503	0.2	45409.0	0.500606	Y
3	STD3 460-910866/6	0.1	0.052879	0.2	43533.0	0.528794	Y
4	STD4 460-910866/5	0.2	0.110824	0.2	45028.0	0.554122	Y
5	ICIS 460-910866/2	0.4	0.241963	0.2	43138.0	0.604908	Y
6	STD6 460-910866/4	1.0	0.589363	0.2	42890.0	0.589363	Y
7	STD7 460-910866/3	2.0	1.270261	0.2	37637.0	0.63513	Y



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

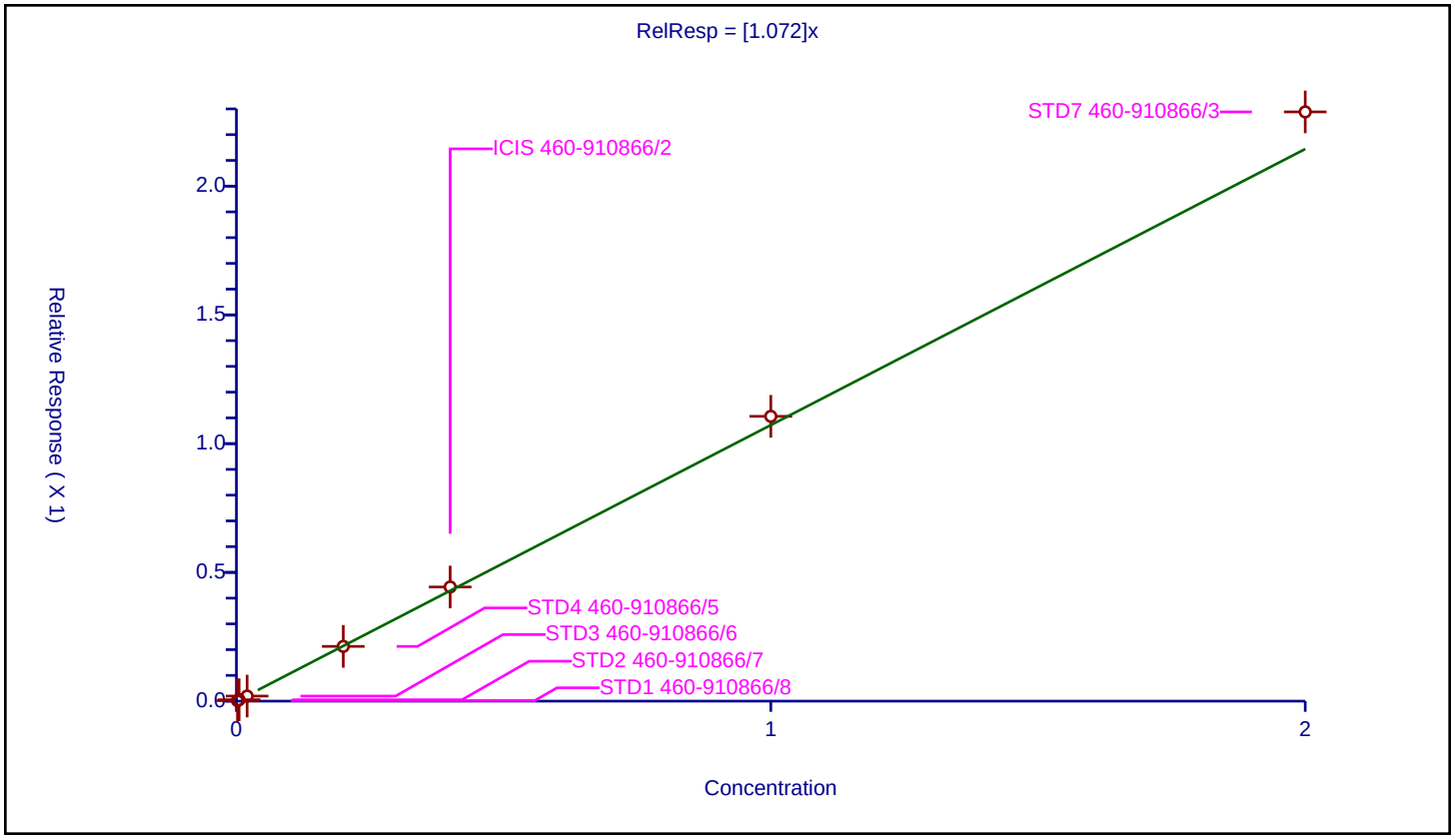
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Standard Error:	205000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.002	0.002057	0.2	50361.0	1.028574	Y
2	STD2 460-910866/7	0.005	0.005338	0.2	45409.0	1.06763	Y
3	STD3 460-910866/6	0.02	0.019732	0.2	43533.0	0.986608	Y
4	STD4 460-910866/5	0.2	0.212605	0.2	45028.0	1.063027	Y
5	ICIS 460-910866/2	0.4	0.44328	0.2	43138.0	1.108199	Y
6	STD6 460-910866/4	1.0	1.106104	0.2	42890.0	1.106104	Y
7	STD7 460-910866/3	2.0	2.288285	0.2	37637.0	1.144143	Y



Calibration / Nitrobenzene-d5

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

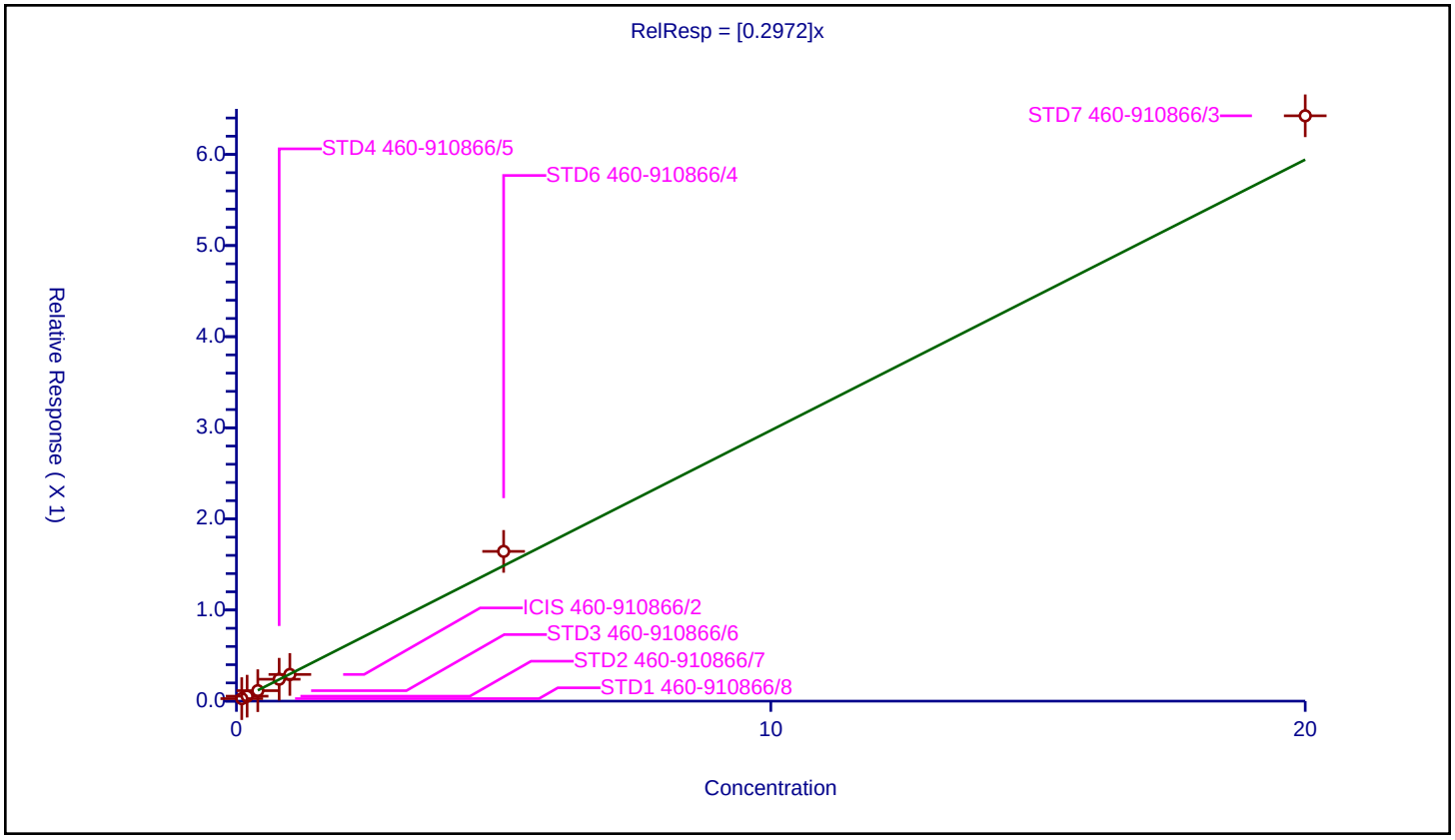
Curve Coefficients

Intercept:	0
Slope:	0.2972

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	7.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.1	0.027649	0.2	160043.0	0.276488	Y
2	STD2 460-910866/7	0.2	0.054533	0.2	140088.0	0.272664	Y
3	STD3 460-910866/6	0.4	0.114997	0.2	137272.0	0.287491	Y
4	STD4 460-910866/5	0.8	0.24043	0.2	139566.0	0.300537	Y
5	ICIS 460-910866/2	1.0	0.293003	0.2	138778.0	0.293003	Y
6	STD6 460-910866/4	5.0	1.643513	0.2	134778.0	0.328703	Y
7	STD7 460-910866/3	20.0	6.424193	0.2	118380.0	0.32121	Y



Calibration / Naphthalene

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

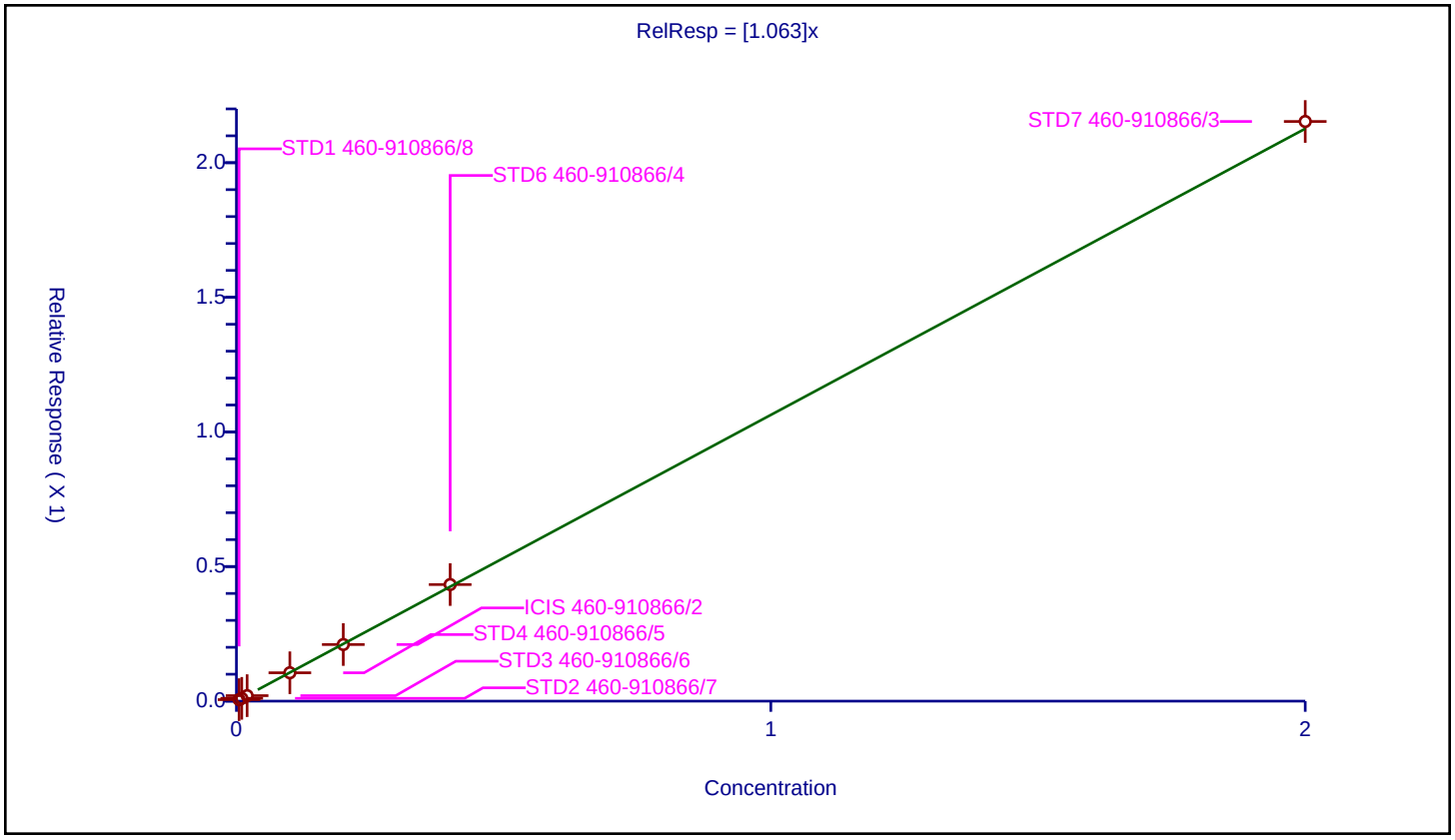
Curve Coefficients

Intercept:	0
Slope:	1.063

Error Coefficients

Standard Error:	538000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.005544	0.2	160043.0	1.108702	Y
2	STD2 460-910866/7	0.01	0.010479	0.2	140088.0	1.047913	Y
3	STD3 460-910866/6	0.02	0.020403	0.2	137272.0	1.020164	Y
4	STD4 460-910866/5	0.1	0.105453	0.2	139566.0	1.054526	Y
5	ICIS 460-910866/2	0.2	0.210304	0.2	138778.0	1.051521	Y
6	STD6 460-910866/4	0.4	0.433142	0.2	134778.0	1.082855	Y
7	STD7 460-910866/3	2.0	2.153173	0.2	118380.0	1.076586	Y



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Calibration / 2-Fluorobiphenyl

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

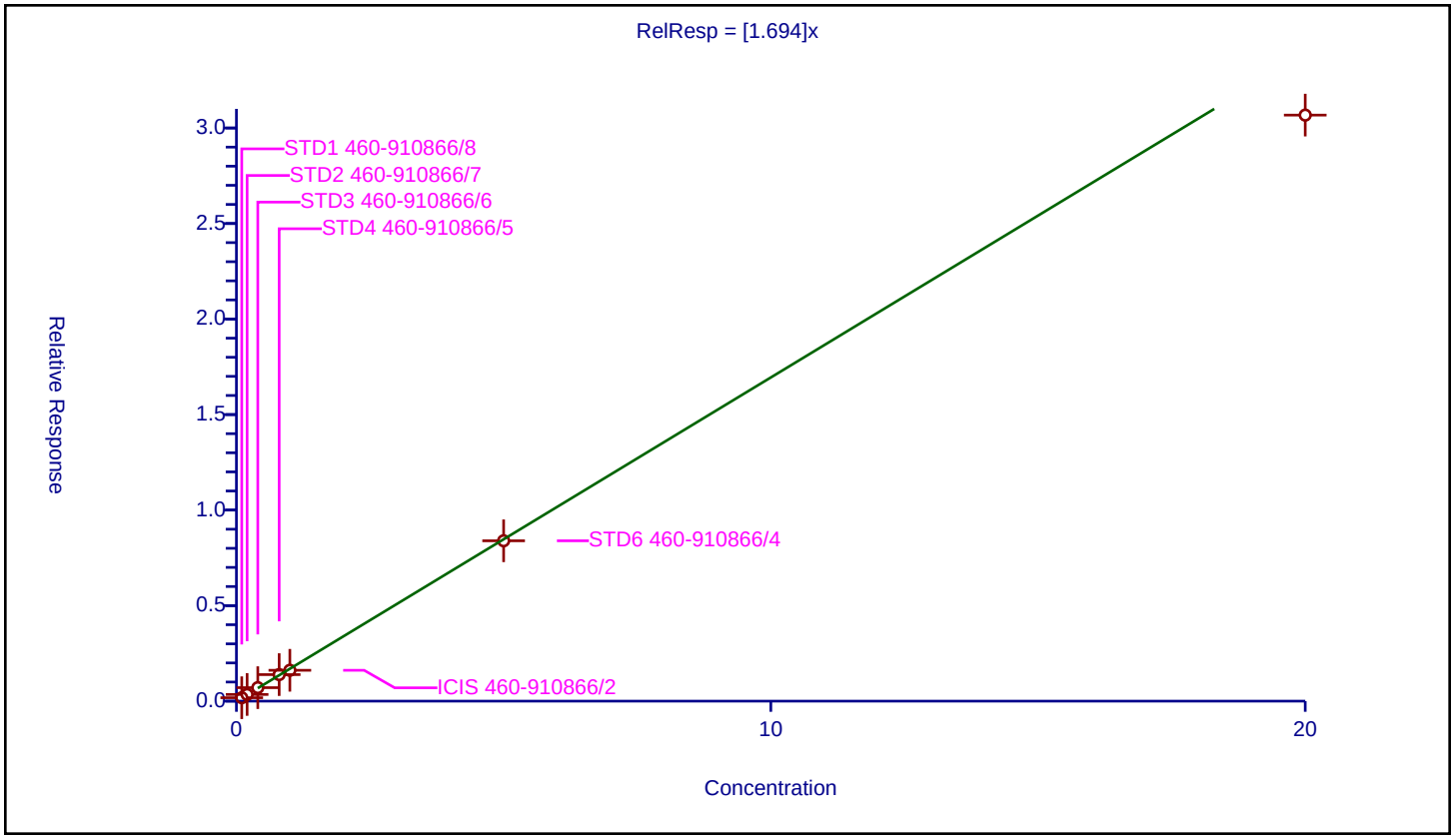
Curve Coefficients

Intercept:	0
Slope:	1.694

Error Coefficients

Standard Error:	3540000
Relative Standard Error:	5.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.1	0.178603	0.2	74981.0	1.786026	Y
2	STD2 460-910866/7	0.2	0.348633	0.2	64419.0	1.743166	Y
3	STD3 460-910866/6	0.4	0.706433	0.2	65786.0	1.766082	Y
4	STD4 460-910866/5	0.8	1.389788	0.2	65333.0	1.737235	Y
5	ICIS 460-910866/2	1.0	1.614548	0.2	65316.0	1.614548	Y
6	STD6 460-910866/4	5.0	8.393221	0.2	64609.0	1.678644	Y
7	STD7 460-910866/3	20.0	30.674475	0.2	53470.0	1.533724	Y



Calibration / Acenaphthylene

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

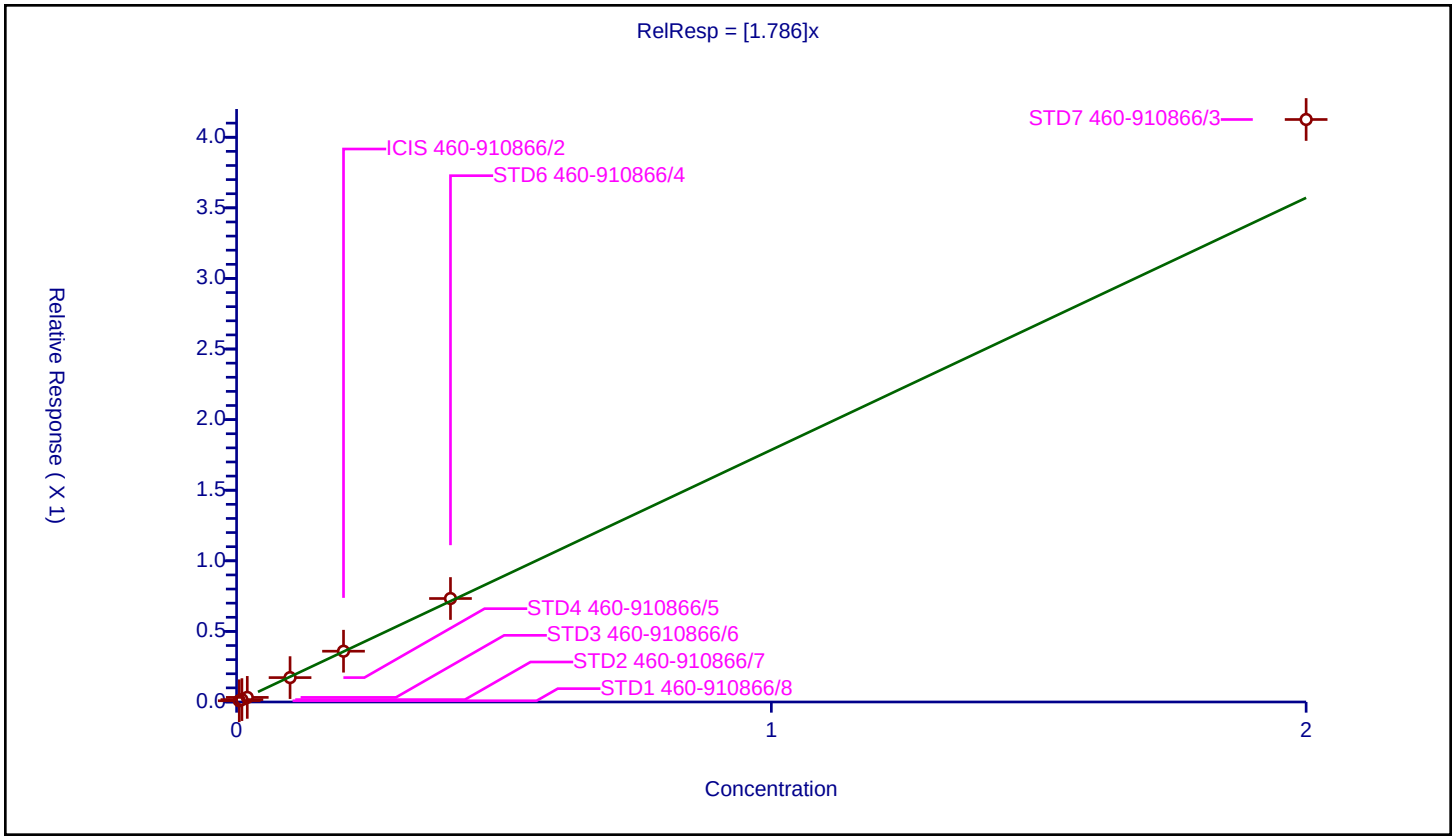
Curve Coefficients

Intercept:	0
Slope:	1.786

Error Coefficients

Standard Error:	464000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.008781	0.2	74981.0	1.756178	Y
2	STD2 460-910866/7	0.01	0.016905	0.2	64419.0	1.690495	Y
3	STD3 460-910866/6	0.02	0.032603	0.2	65786.0	1.630134	Y
4	STD4 460-910866/5	0.1	0.172804	0.2	65333.0	1.728039	Y
5	ICIS 460-910866/2	0.2	0.359731	0.2	65316.0	1.798656	Y
6	STD6 460-910866/4	0.4	0.732932	0.2	64609.0	1.83233	Y
7	STD7 460-910866/3	2.0	4.125689	0.2	53470.0	2.062845	Y



Calibration / Acenaphthene

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

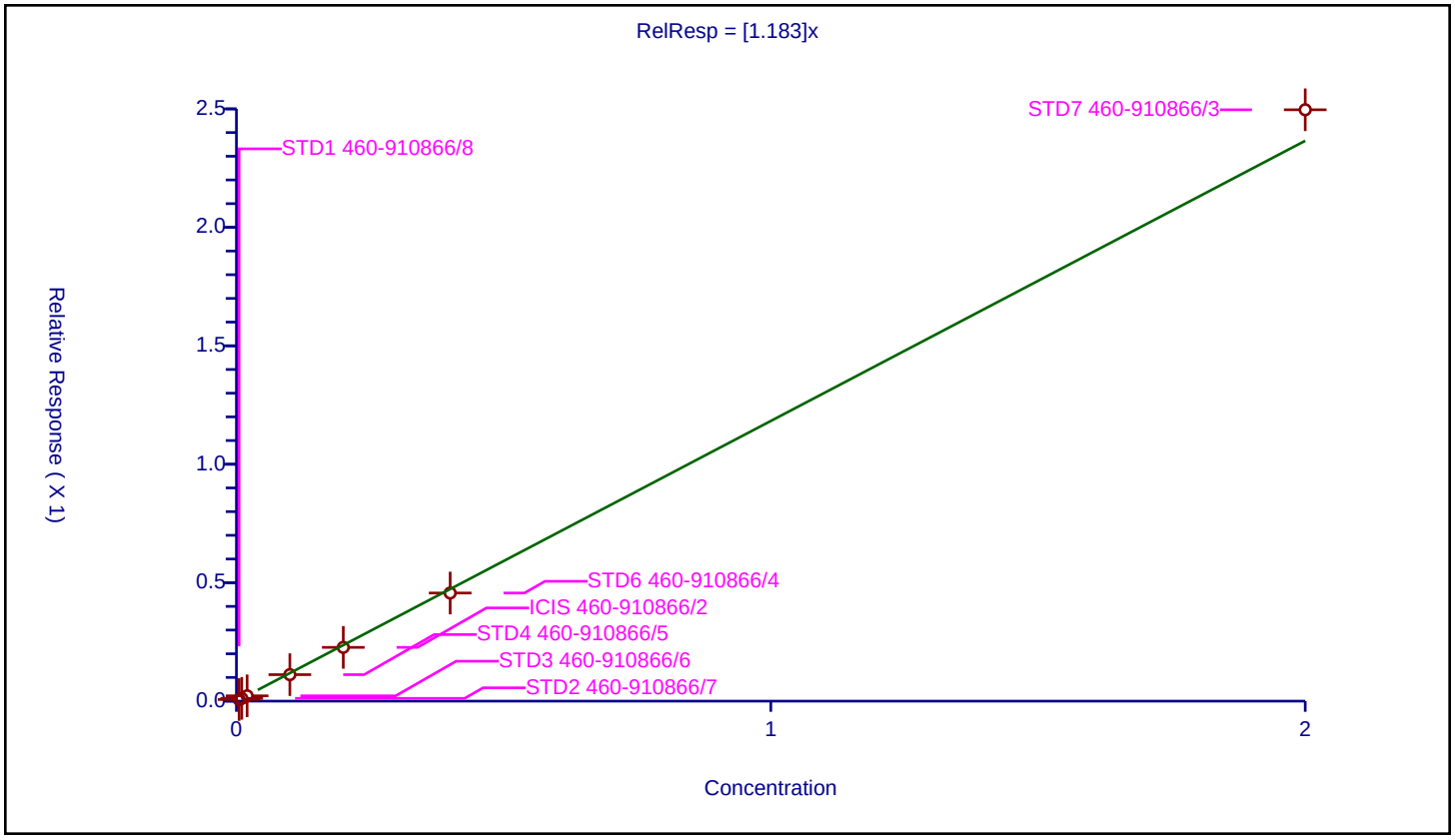
Curve Coefficients

Intercept:	0
Slope:	1.183

Error Coefficients

Standard Error:	281000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.006708	0.2	74981.0	1.341673	Y
2	STD2 460-910866/7	0.01	0.011736	0.2	64419.0	1.173567	Y
3	STD3 460-910866/6	0.02	0.022433	0.2	65786.0	1.121667	Y
4	STD4 460-910866/5	0.1	0.111806	0.2	65333.0	1.118057	Y
5	ICIS 460-910866/2	0.2	0.226894	0.2	65316.0	1.134469	Y
6	STD6 460-910866/4	0.4	0.456453	0.2	64609.0	1.141134	Y
7	STD7 460-910866/3	2.0	2.496323	0.2	53470.0	1.248162	Y



Calibration / Fluorene

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

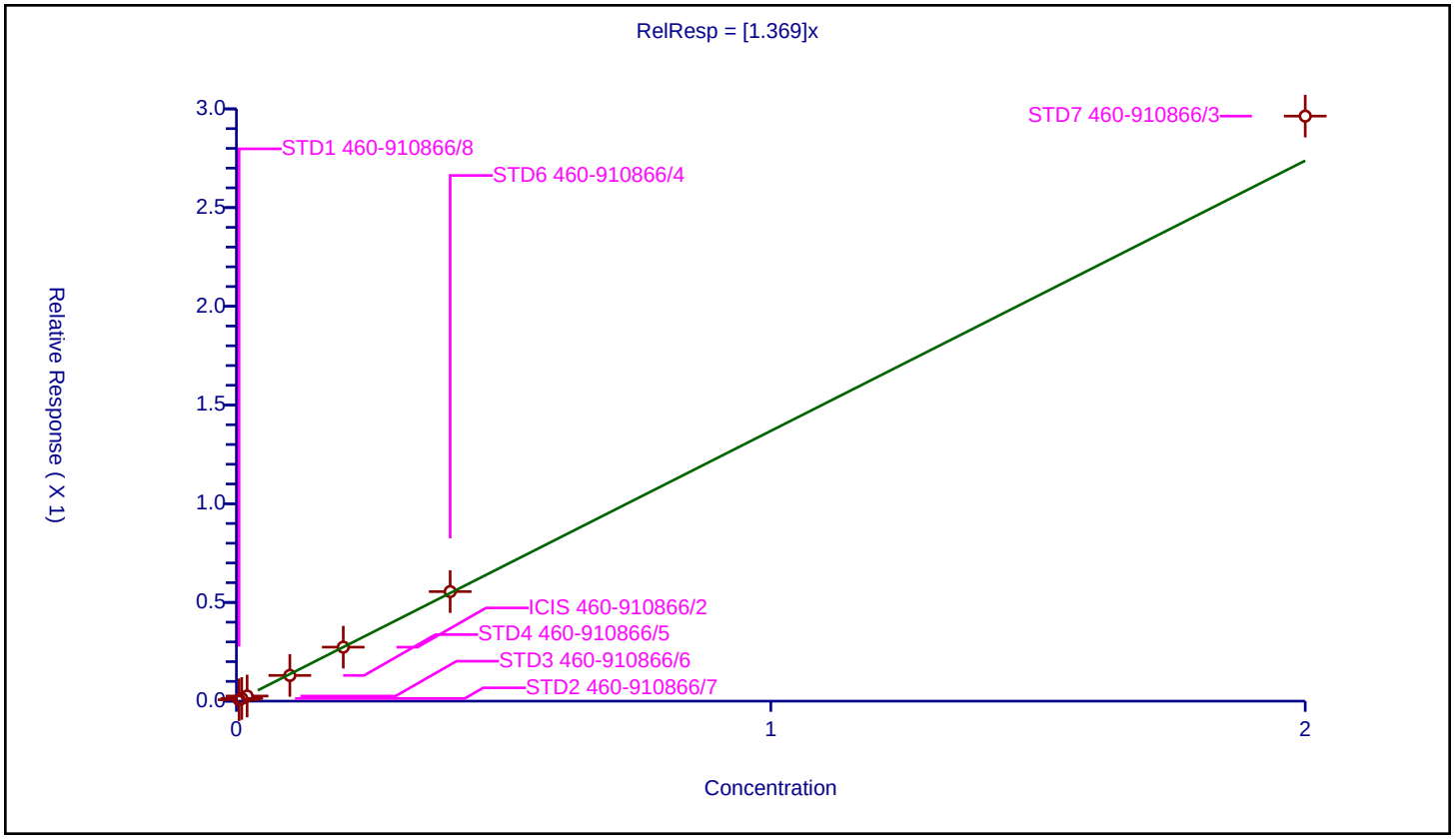
Curve Coefficients

Intercept:	0
Slope:	1.369

Error Coefficients

Standard Error:	334000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.007026	0.2	74981.0	1.405156	Y
2	STD2 460-910866/7	0.01	0.013384	0.2	64419.0	1.338425	Y
3	STD3 460-910866/6	0.02	0.025978	0.2	65786.0	1.298909	Y
4	STD4 460-910866/5	0.1	0.130244	0.2	65333.0	1.302435	Y
5	ICIS 460-910866/2	0.2	0.273602	0.2	65316.0	1.368011	Y
6	STD6 460-910866/4	0.4	0.554923	0.2	64609.0	1.387307	Y
7	STD7 460-910866/3	2.0	2.963479	0.2	53470.0	1.481739	Y



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Calibration / 4,6-Dinitro-2-methylphenol

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

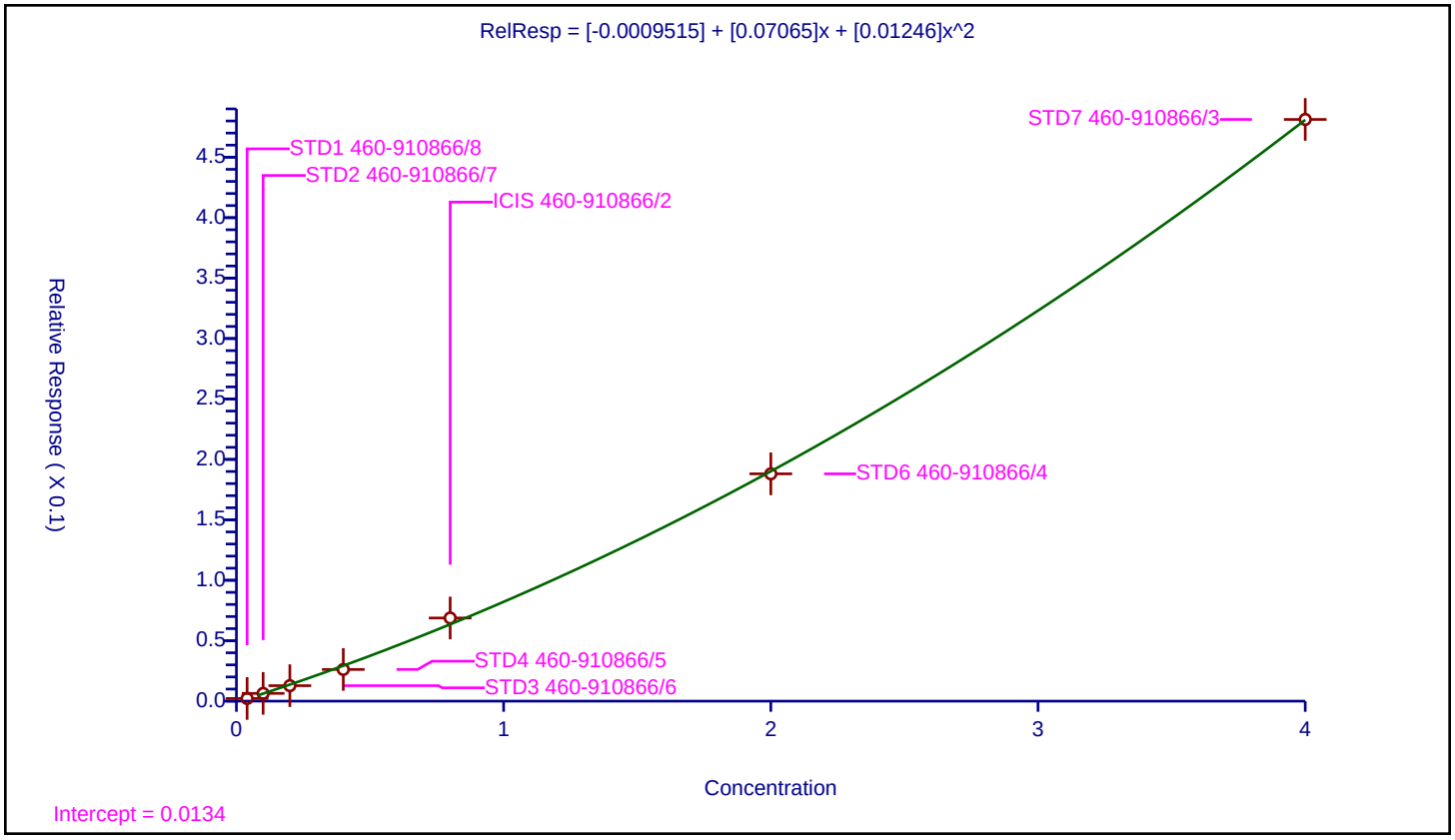
Curve Coefficients

Intercept:	-0.0009515
Slope:	0.07065
Second Order:	0.01246

Error Coefficients

Standard Error:	126000
Relative Standard Error:	8.7
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.04	0.002201	0.2	131367.0	0.055037	Y
2	STD2 460-910866/7	0.1	0.006412	0.2	114904.0	0.064123	Y
3	STD3 460-910866/6	0.2	0.012797	0.2	120795.0	0.063984	Y
4	STD4 460-910866/5	0.4	0.026205	0.2	115619.0	0.065513	Y
5	ICIS 460-910866/2	0.8	0.06879	0.2	117025.0	0.085988	Y
6	STD6 460-910866/4	2.0	0.188058	0.2	115475.0	0.094029	Y
7	STD7 460-910866/3	4.0	0.481281	0.2	92555.0	0.12032	Y



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Calibration / 2,4,6-Tribromophenol

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

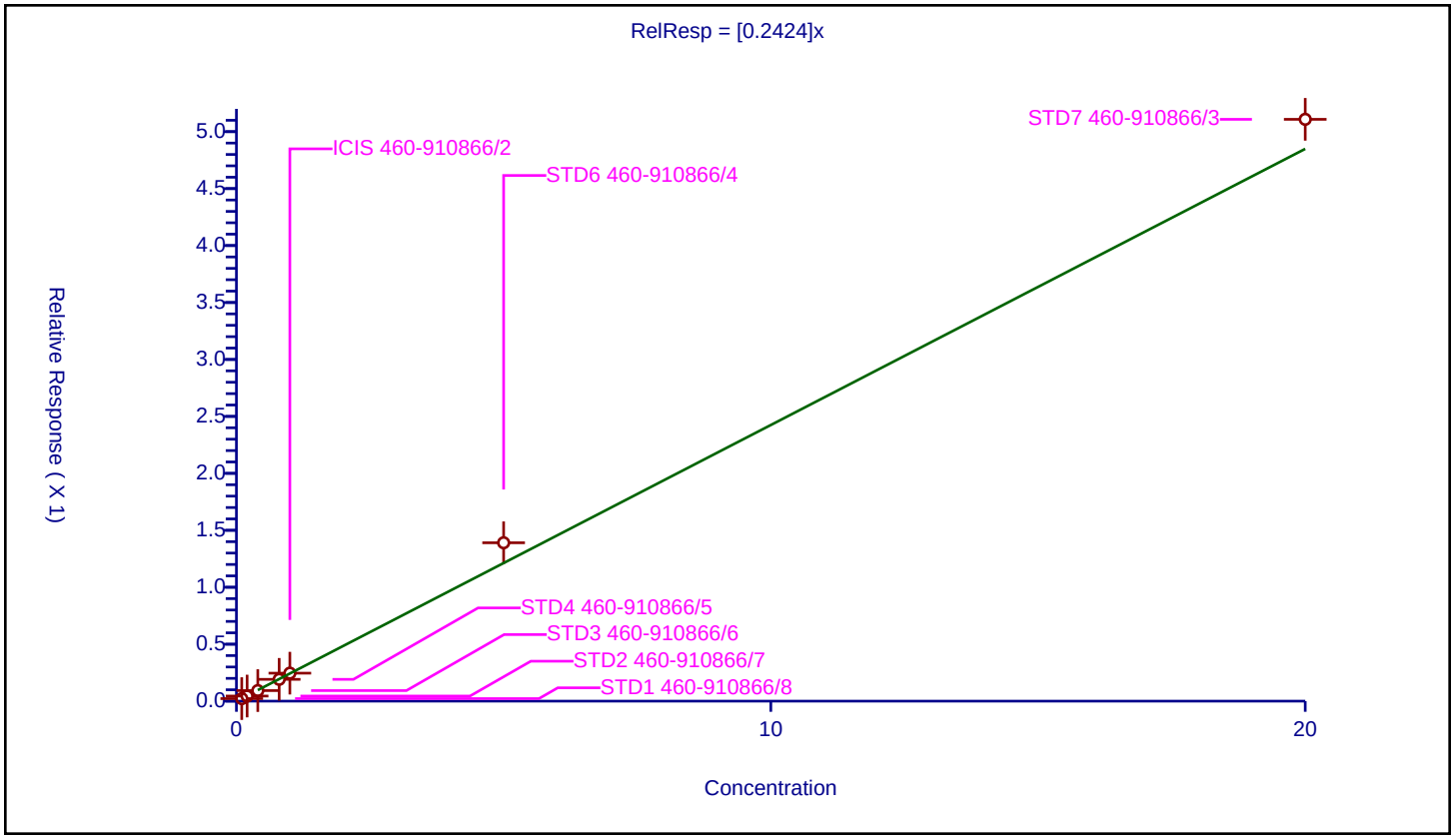
Curve Coefficients

Intercept:	0
Slope:	0.2424

Error Coefficients

Standard Error:	589000
Relative Standard Error:	8.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.1	0.022382	0.2	74981.0	0.223817	Y
2	STD2 460-910866/7	0.2	0.044689	0.2	64419.0	0.223443	Y
3	STD3 460-910866/6	0.4	0.092606	0.2	65786.0	0.231516	Y
4	STD4 460-910866/5	0.8	0.191398	0.2	65333.0	0.239247	Y
5	ICIS 460-910866/2	1.0	0.245575	0.2	65316.0	0.245575	Y
6	STD6 460-910866/4	5.0	1.390518	0.2	64609.0	0.278104	Y
7	STD7 460-910866/3	20.0	5.108393	0.2	53470.0	0.25542	Y



Calibration / Hexachlorobenzene

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

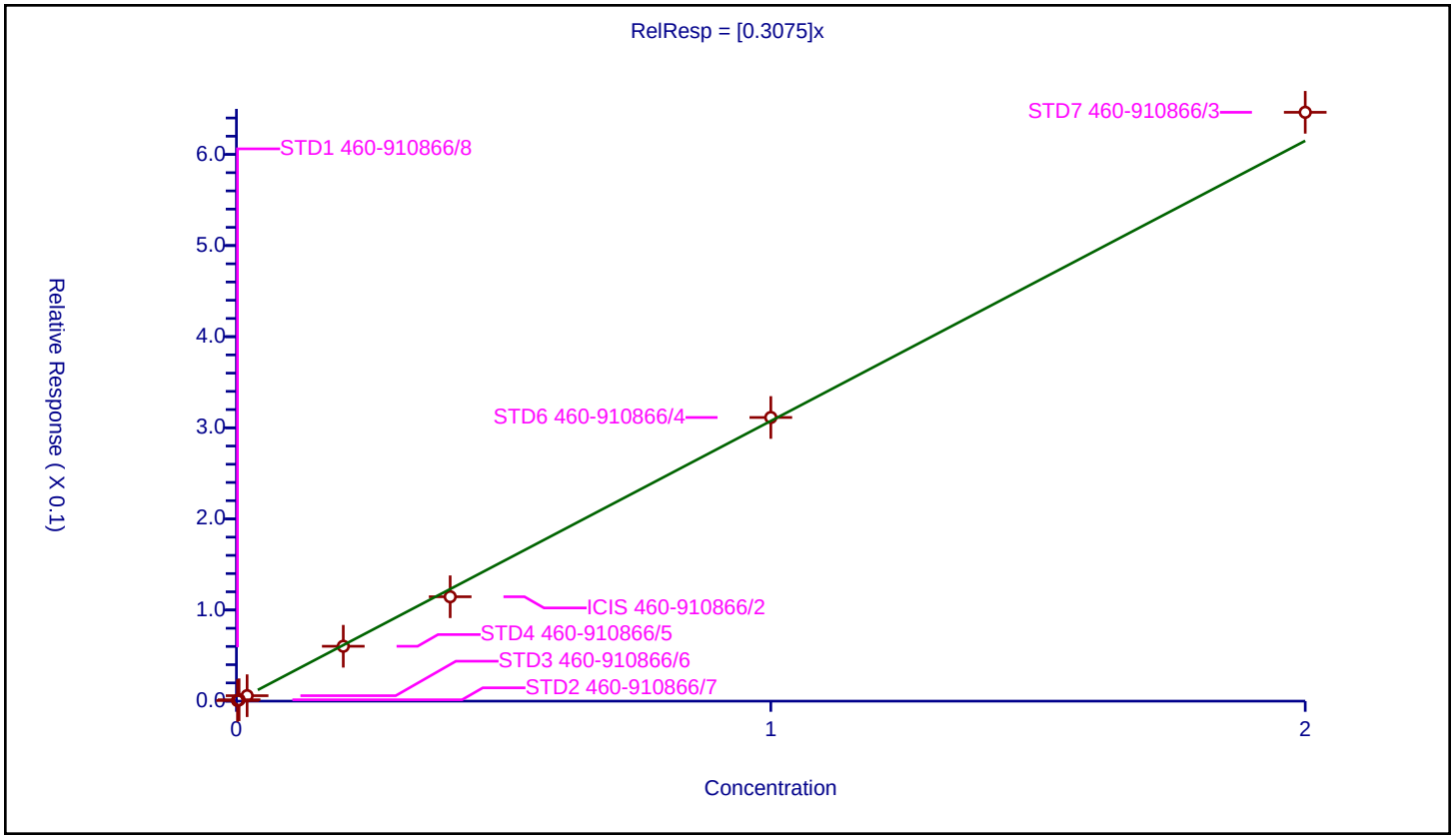
Curve Coefficients

Intercept:	0
Slope:	0.3075

Error Coefficients

Standard Error:	146000
Relative Standard Error:	4.8
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.002	0.000658	0.2	131367.0	0.32885	Y
2	STD2 460-910866/7	0.005	0.001511	0.2	114904.0	0.302165	Y
3	STD3 460-910866/6	0.02	0.005985	0.2	120795.0	0.299267	Y
4	STD4 460-910866/5	0.2	0.060244	0.2	115619.0	0.301222	Y
5	ICIS 460-910866/2	0.4	0.114582	0.2	117025.0	0.286456	Y
6	STD6 460-910866/4	1.0	0.311331	0.2	115475.0	0.311331	Y
7	STD7 460-910866/3	2.0	0.64626	0.2	92555.0	0.32313	Y



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Calibration / Pentachlorophenol

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

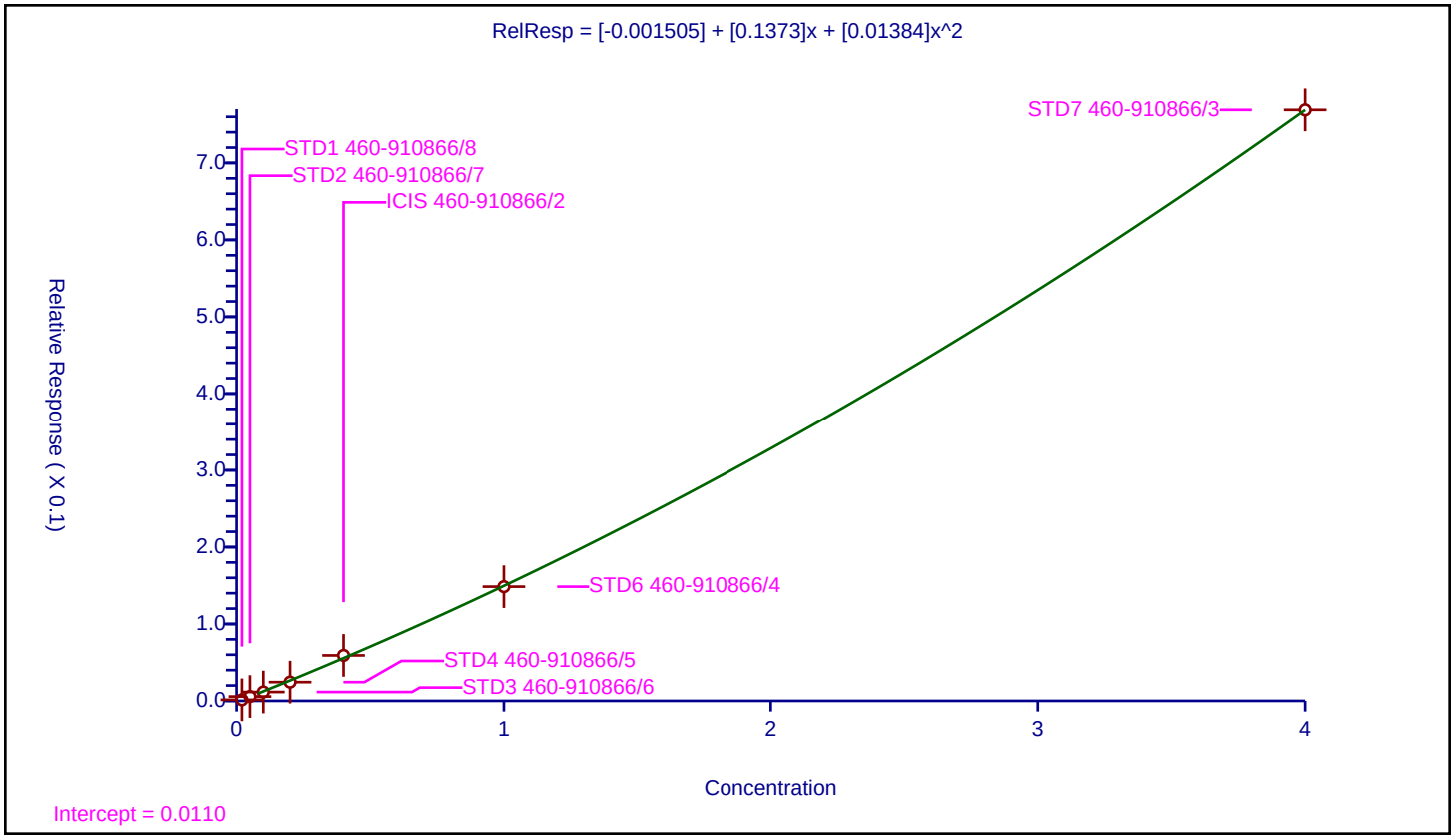
Curve Coefficients

Intercept:	-0.001505
Slope:	0.1373
Second Order:	0.01384

Error Coefficients

Standard Error:	184000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.02	0.001404	0.2	131367.0	0.070185	Y
2	STD2 460-910866/7	0.05	0.005667	0.2	114904.0	0.113347	Y
3	STD3 460-910866/6	0.1	0.01155	0.2	120795.0	0.115501	Y
4	STD4 460-910866/5	0.2	0.024396	0.2	115619.0	0.121978	Y
5	ICIS 460-910866/2	0.4	0.059121	0.2	117025.0	0.147802	Y
6	STD6 460-910866/4	1.0	0.14852	0.2	115475.0	0.14852	Y
7	STD7 460-910866/3	4.0	0.768978	0.2	92555.0	0.192245	Y



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Calibration / Phenanthrene

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

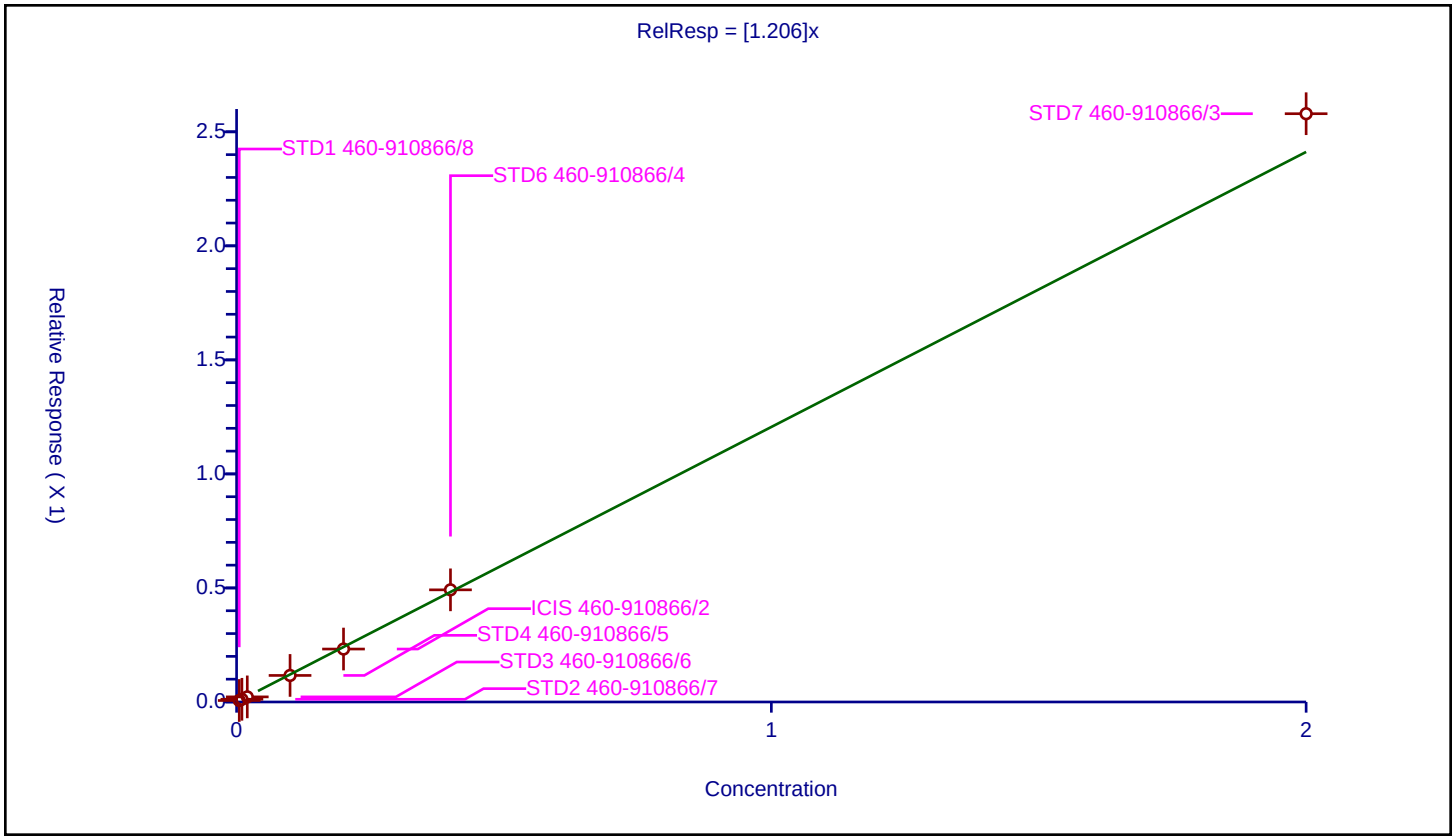
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Standard Error:	505000
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	STD1 460-910866/8	0.005	0.00647	0.2	131367.0	1.294085	Y
2	STD2 460-910866/7	0.01	0.011845	0.2	114904.0	1.184467	Y
3	STD3 460-910866/6	0.02	0.022383	0.2	120795.0	1.119169	Y
4	STD4 460-910866/5	0.1	0.116363	0.2	115619.0	1.163632	Y
5	ICIS 460-910866/2	0.2	0.232209	0.2	117025.0	1.161043	Y
6	STD6 460-910866/4	0.4	0.491769	0.2	115475.0	1.229422	Y
7	STD7 460-910866/3	2.0	2.579433	0.2	92555.0	1.289716	Y



Calibration / Anthracene

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

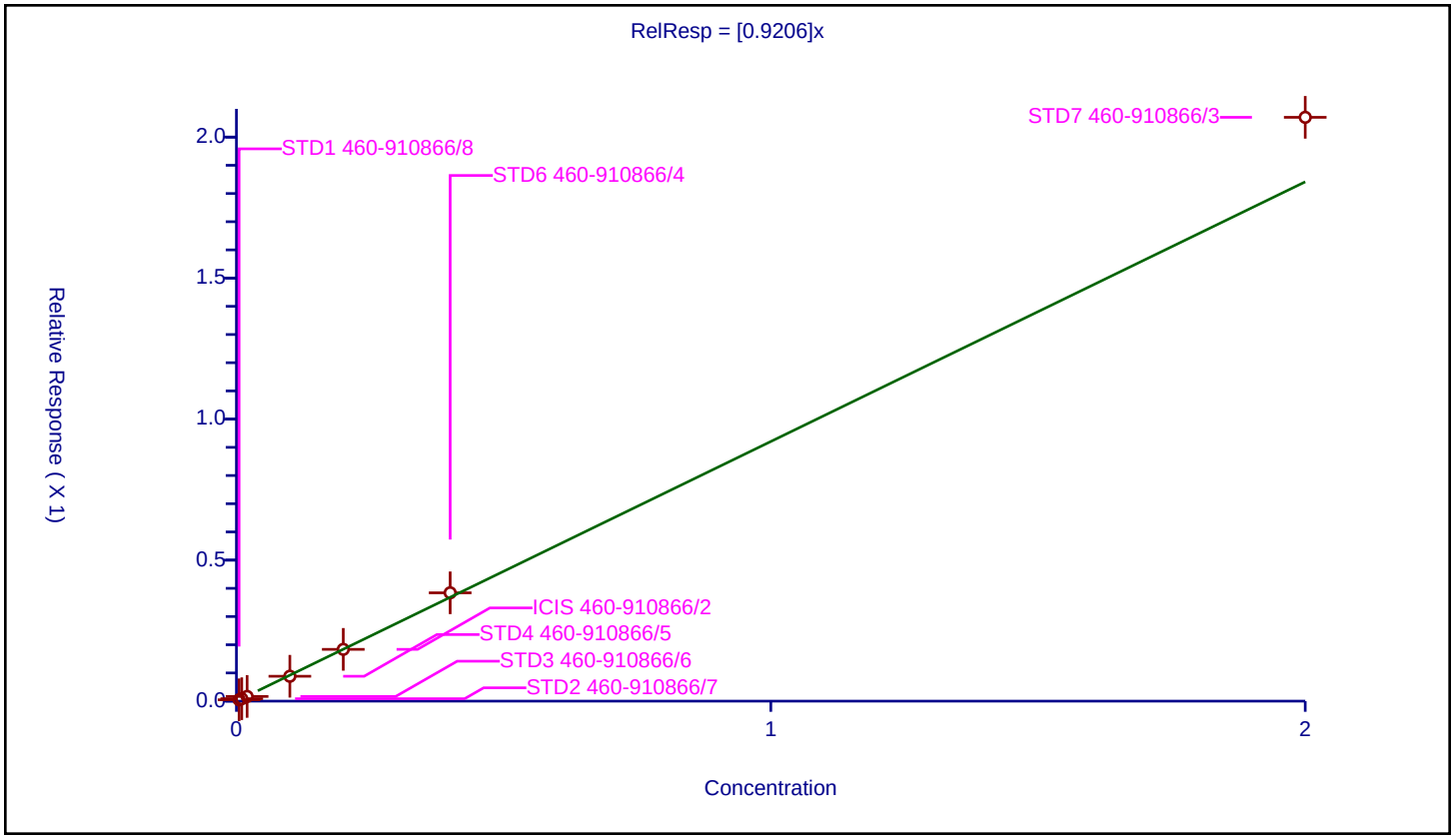
Curve Coefficients

Intercept:	0
Slope:	0.9206

Error Coefficients

Standard Error:	404000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.004774	0.2	131367.0	0.954882	Y
2	STD2 460-910866/7	0.01	0.008612	0.2	114904.0	0.861241	Y
3	STD3 460-910866/6	0.02	0.016643	0.2	120795.0	0.832154	Y
4	STD4 460-910866/5	0.1	0.088266	0.2	115619.0	0.882658	Y
5	ICIS 460-910866/2	0.2	0.183633	0.2	117025.0	0.918163	Y
6	STD6 460-910866/4	0.4	0.384156	0.2	115475.0	0.96039	Y
7	STD7 460-910866/3	2.0	2.070041	0.2	92555.0	1.03502	Y



7/12/2023
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Calibration / Fluoranthene

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

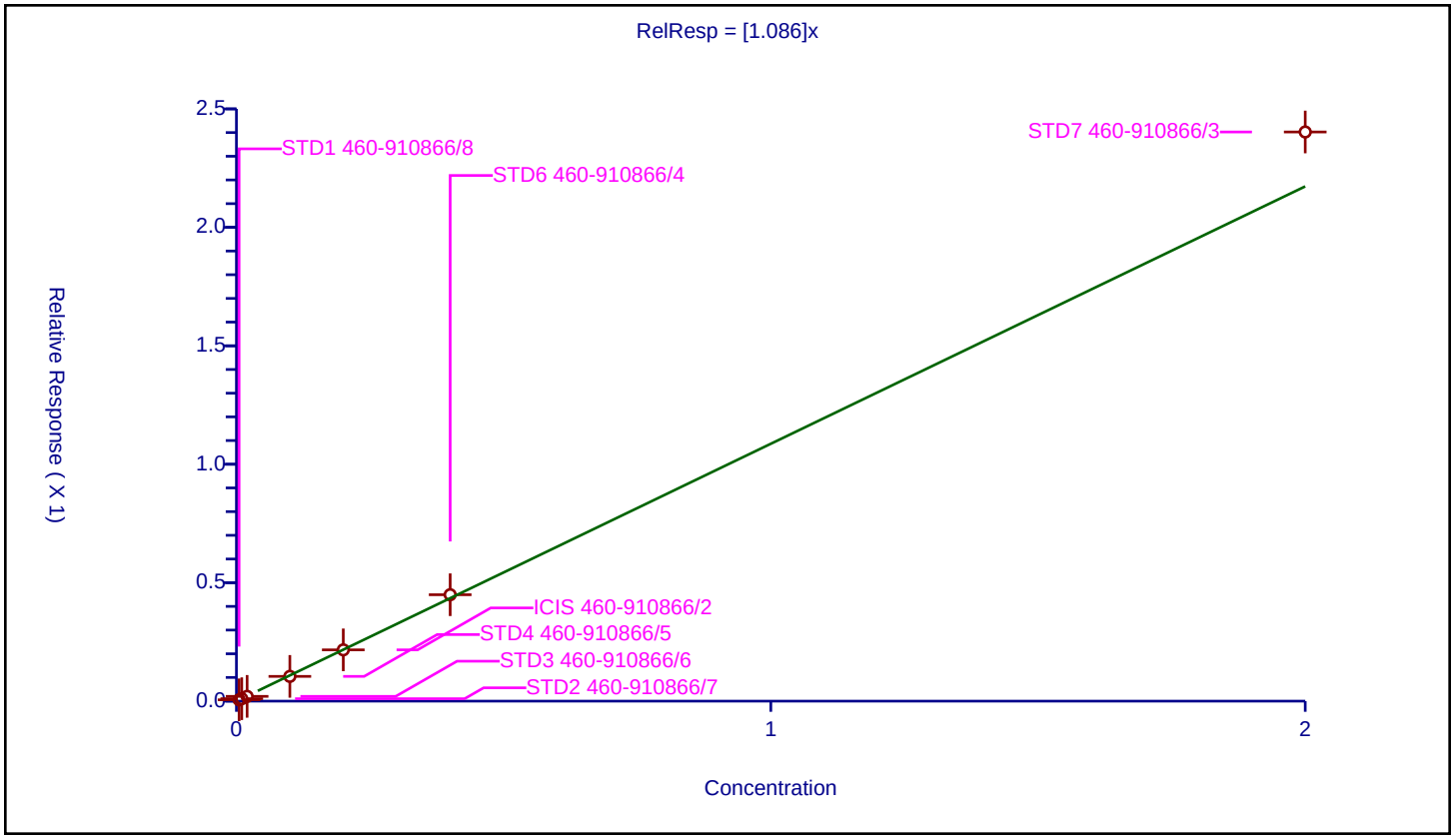
Curve Coefficients

Intercept:	0
Slope:	1.086

Error Coefficients

Standard Error:	470000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.005546	0.2	131367.0	1.109259	Y
2	STD2 460-910866/7	0.01	0.010327	0.2	114904.0	1.032688	Y
3	STD3 460-910866/6	0.02	0.020226	0.2	120795.0	1.0113	Y
4	STD4 460-910866/5	0.1	0.104479	0.2	115619.0	1.044794	Y
5	ICIS 460-910866/2	0.2	0.216516	0.2	117025.0	1.082581	Y
6	STD6 460-910866/4	0.4	0.449174	0.2	115475.0	1.122936	Y
7	STD7 460-910866/3	2.0	2.402541	0.2	92555.0	1.201271	Y



7/12/2023
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Calibration / Pyrene

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

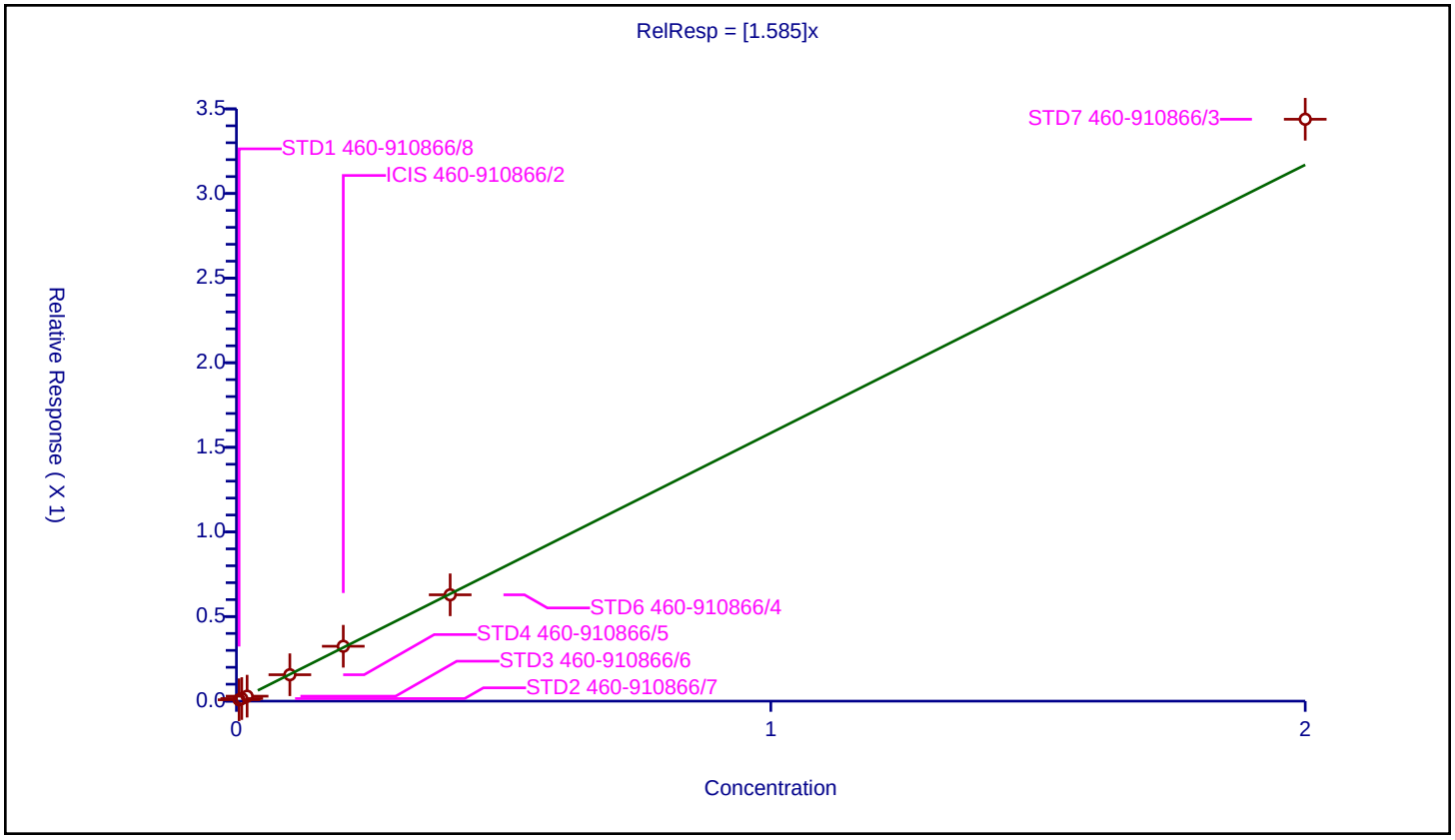
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Standard Error:	484000
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	STD1 460-910866/8	0.005	0.008179	0.2	88299.0	1.635806	Y
2	STD2 460-910866/7	0.01	0.0152	0.2	76870.0	1.519969	Y
3	STD3 460-910866/6	0.02	0.029311	0.2	84079.0	1.465526	Y
4	STD4 460-910866/5	0.1	0.156018	0.2	79628.0	1.56018	Y
5	ICIS 460-910866/2	0.2	0.324291	0.2	80160.0	1.621457	Y
6	STD6 460-910866/4	0.4	0.628384	0.2	84363.0	1.570961	Y
7	STD7 460-910866/3	2.0	3.438719	0.2	66721.0	1.71936	Y



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10:47 AM

Calibration / Benzo[a]anthracene

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

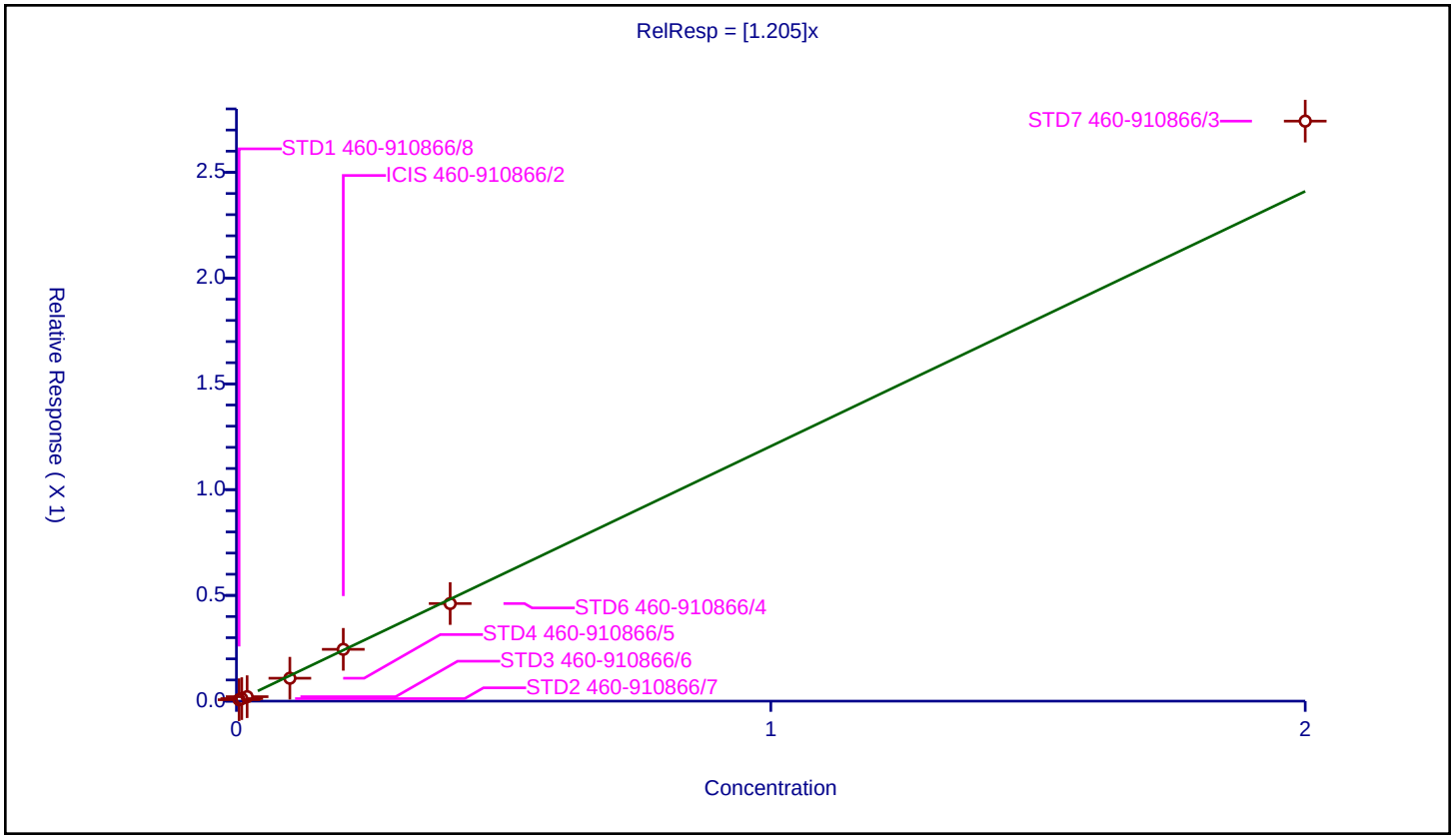
Curve Coefficients

Intercept:	0
Slope:	1.205

Error Coefficients

Standard Error:	384000
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	STD1 460-910866/8	0.005	0.006759	0.2	88299.0	1.351771	Y
2	STD2 460-910866/7	0.01	0.01195	0.2	76870.0	1.195005	Y
3	STD3 460-910866/6	0.02	0.021133	0.2	84079.0	1.056625	Y
4	STD4 460-910866/5	0.1	0.108329	0.2	79628.0	1.083287	Y
5	ICIS 460-910866/2	0.2	0.244998	0.2	80160.0	1.224988	Y
6	STD6 460-910866/4	0.4	0.461418	0.2	84363.0	1.153545	Y
7	STD7 460-910866/3	2.0	2.742258	0.2	66721.0	1.371129	Y



Calibration / Chrysene

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

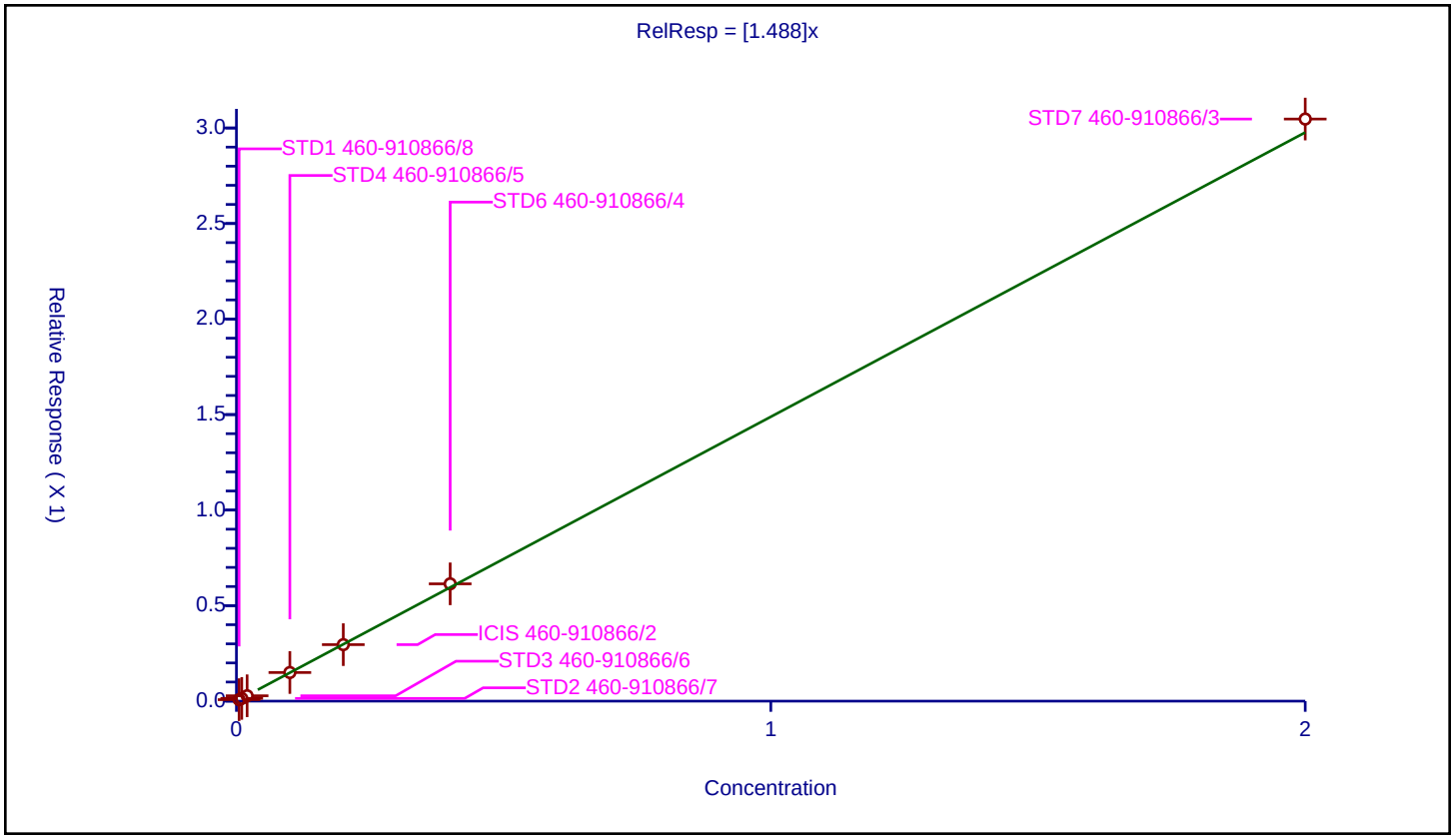
Curve Coefficients

Intercept:	0
Slope:	1.488

Error Coefficients

Standard Error:	432000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.007744	0.2	88299.0	1.548828	Y
2	STD2 460-910866/7	0.01	0.014289	0.2	76870.0	1.428906	Y
3	STD3 460-910866/6	0.02	0.0281	0.2	84079.0	1.404988	Y
4	STD4 460-910866/5	0.1	0.149859	0.2	79628.0	1.498593	Y
5	ICIS 460-910866/2	0.2	0.295744	0.2	80160.0	1.478718	Y
6	STD6 460-910866/4	0.4	0.61407	0.2	84363.0	1.535175	Y
7	STD7 460-910866/3	2.0	3.046894	0.2	66721.0	1.523447	Y



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10:47 AM

Calibration / Benzo[b]fluoranthene

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

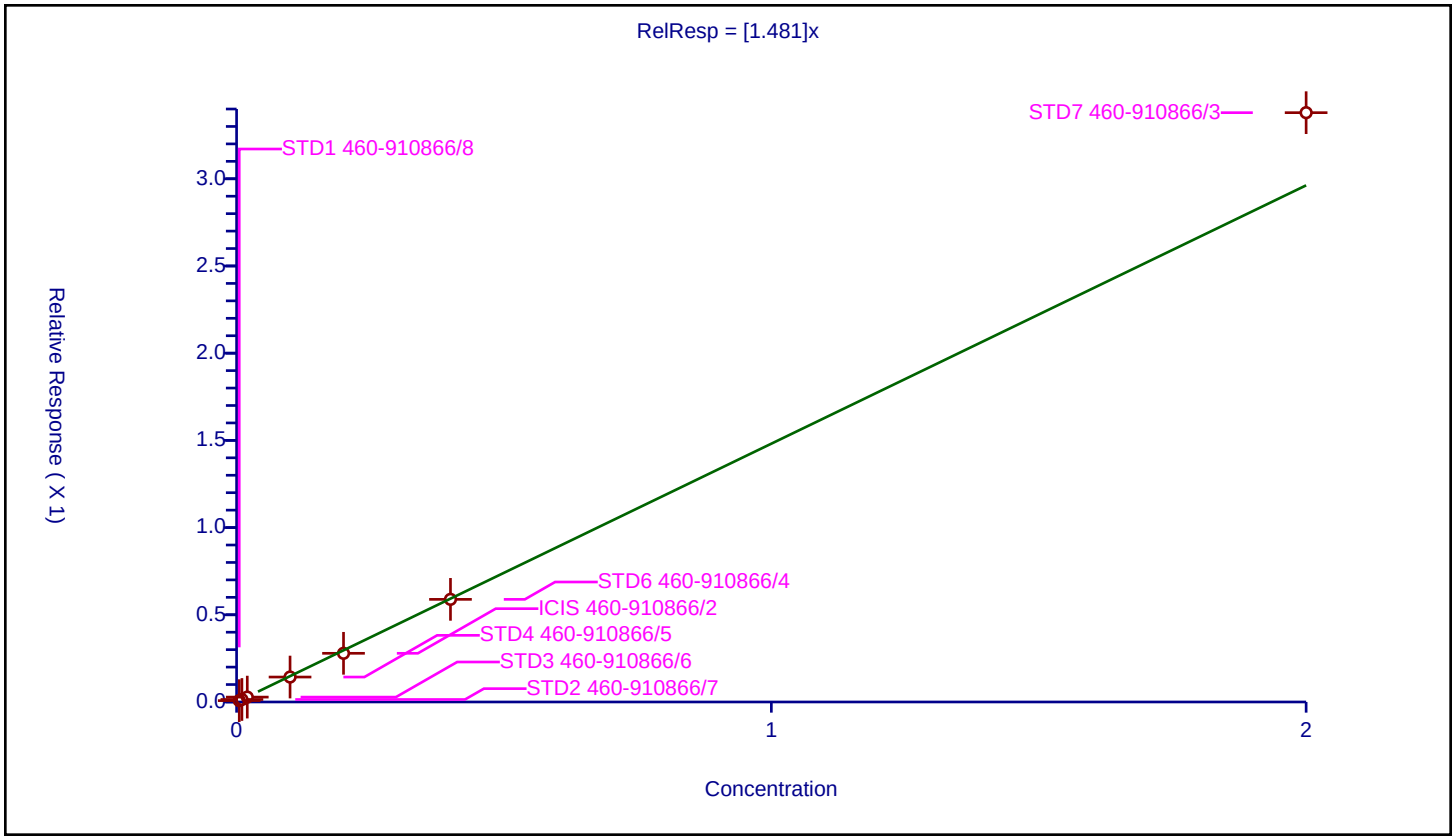
Curve Coefficients

Intercept:	0
Slope:	1.481

Error Coefficients

Standard Error:	402000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.007779	0.2	71548.0	1.555879	Y
2	STD2 460-910866/7	0.01	0.014233	0.2	63345.0	1.423317	Y
3	STD3 460-910866/6	0.02	0.028033	0.2	70459.0	1.401666	Y
4	STD4 460-910866/5	0.1	0.143072	0.2	66220.0	1.430716	Y
5	ICIS 460-910866/2	0.2	0.279115	0.2	71701.0	1.395573	Y
6	STD6 460-910866/4	0.4	0.588504	0.2	73366.0	1.471261	Y
7	STD7 460-910866/3	2.0	3.379085	0.2	56418.0	1.689542	Y



Calibration / Benzo[k]fluoranthene

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

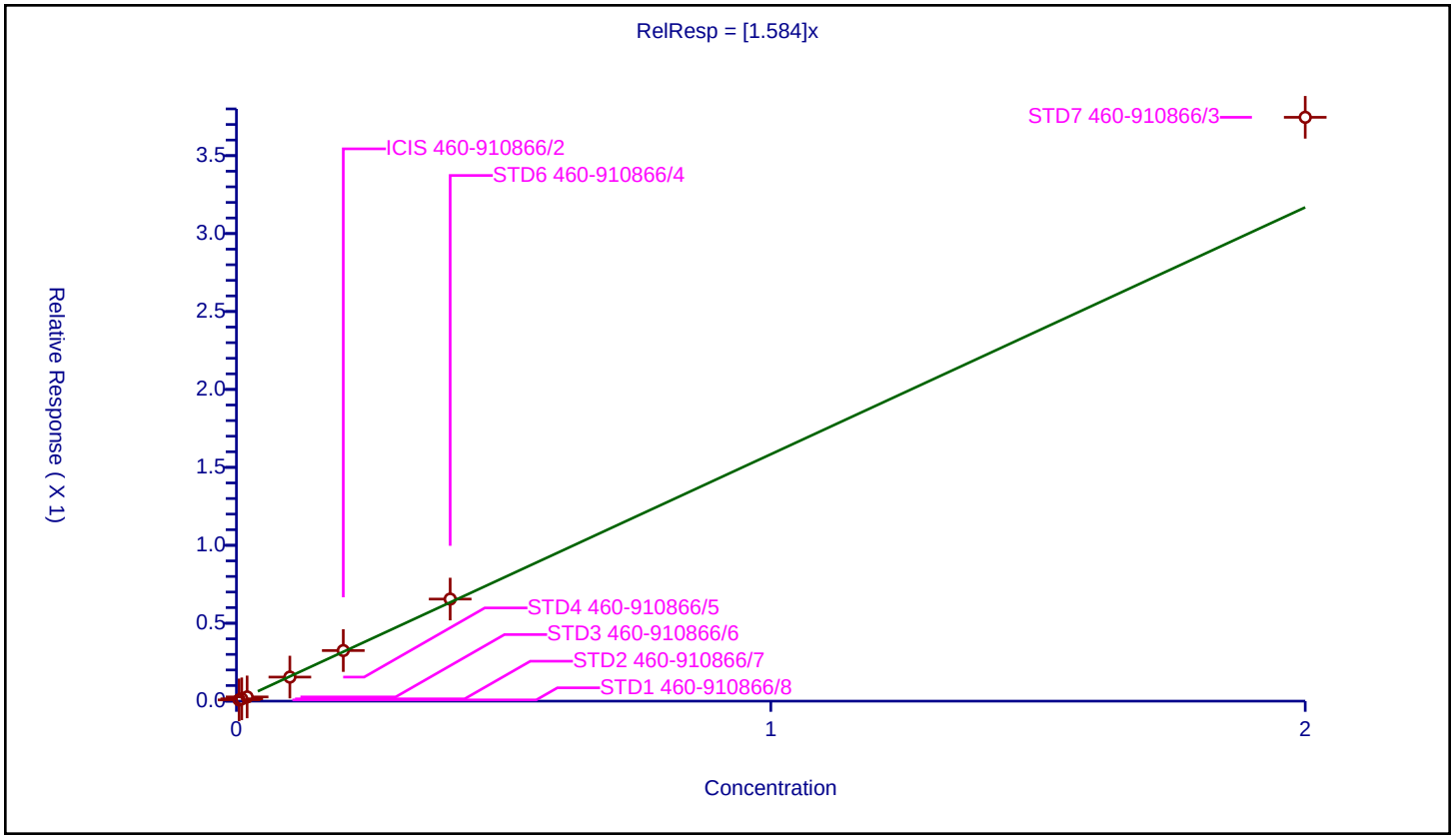
Curve Coefficients

Intercept:	0
Slope:	1.584

Error Coefficients

Standard Error:	445000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.007891	0.2	71548.0	1.578241	Y
2	STD2 460-910866/7	0.01	0.014836	0.2	63345.0	1.483621	Y
3	STD3 460-910866/6	0.02	0.027006	0.2	70459.0	1.350289	Y
4	STD4 460-910866/5	0.1	0.15437	0.2	66220.0	1.543703	Y
5	ICIS 460-910866/2	0.2	0.324562	0.2	71701.0	1.622809	Y
6	STD6 460-910866/4	0.4	0.654884	0.2	73366.0	1.637209	Y
7	STD7 460-910866/3	2.0	3.745975	0.2	56418.0	1.872987	Y



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Calibration / Benzo[a]pyrene

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

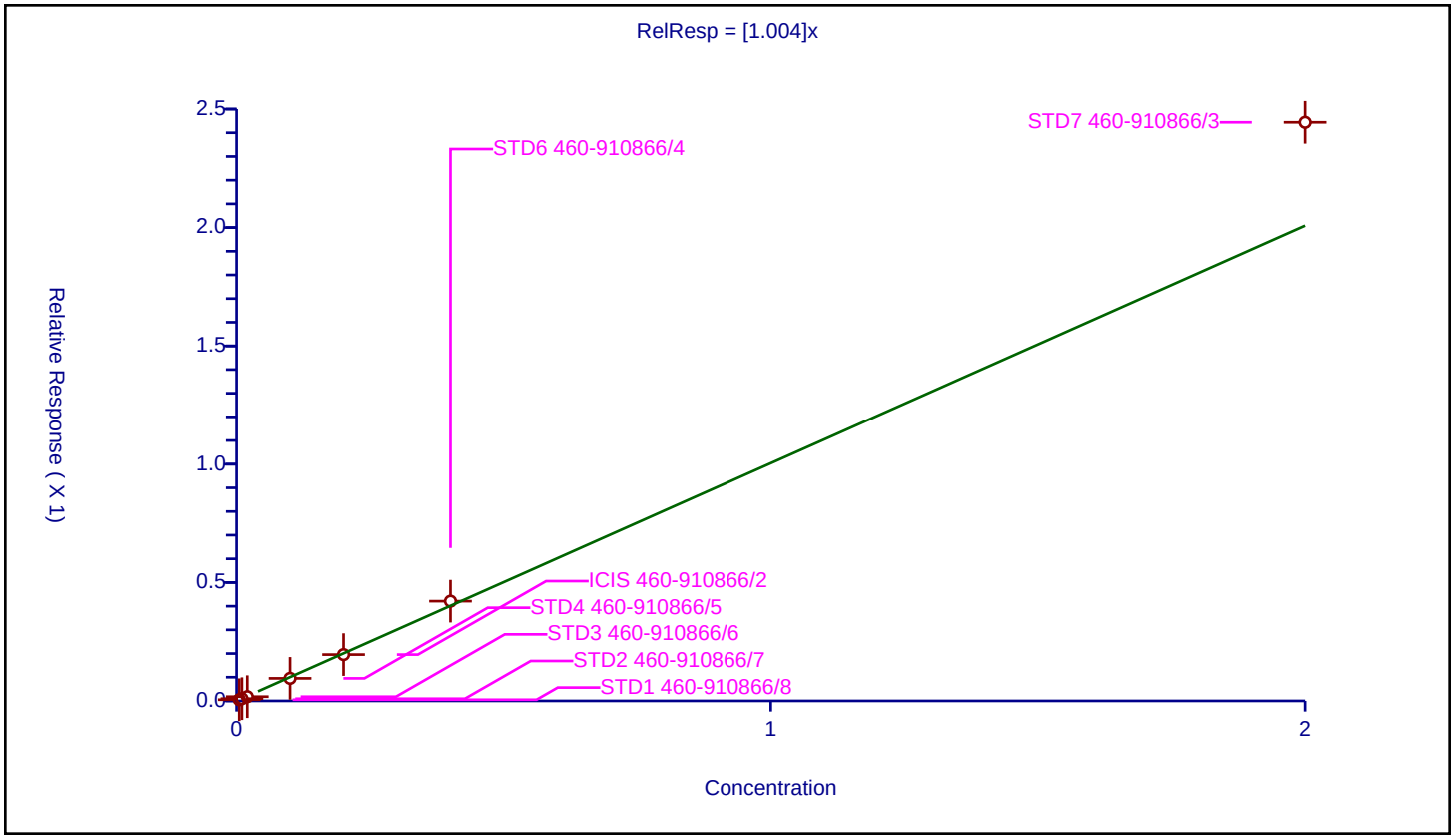
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	290000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.004951	0.2	71548.0	0.990105	Y
2	STD2 460-910866/7	0.01	0.009425	0.2	63345.0	0.942458	Y
3	STD3 460-910866/6	0.02	0.01782	0.2	70459.0	0.891015	Y
4	STD4 460-910866/5	0.1	0.095174	0.2	66220.0	0.951737	Y
5	ICIS 460-910866/2	0.2	0.195529	0.2	71701.0	0.977643	Y
6	STD6 460-910866/4	0.4	0.421195	0.2	73366.0	1.052988	Y
7	STD7 460-910866/3	2.0	2.444184	0.2	56418.0	1.222092	Y



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10:47 AM

Calibration / Indeno[1,2,3-cd]pyrene

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

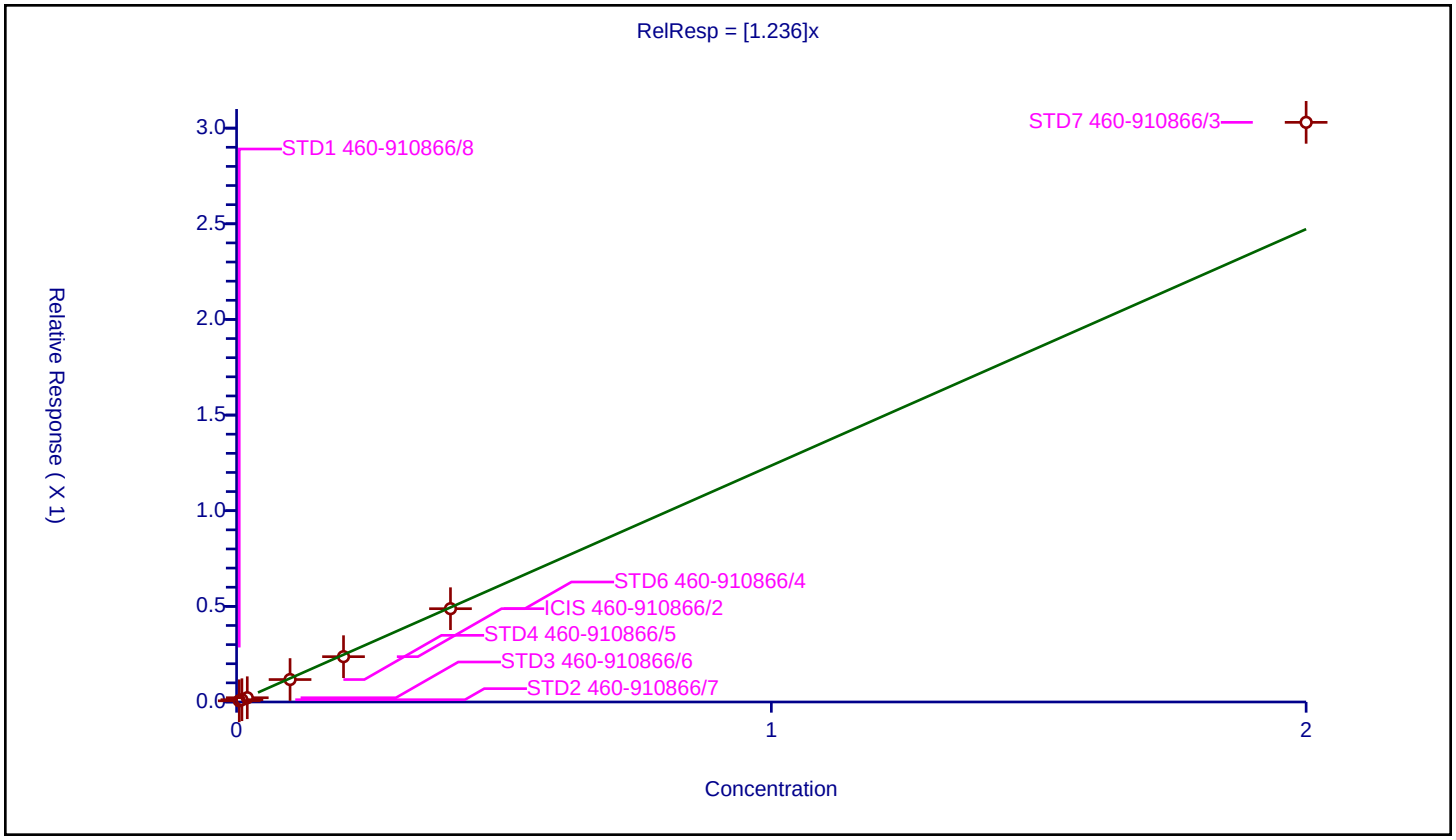
Curve Coefficients

Intercept:	0
Slope:	1.236

Error Coefficients

Standard Error:	359000
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	STD1 460-910866/8	0.005	0.006273	0.2	71548.0	1.254542	Y
2	STD2 460-910866/7	0.01	0.011916	0.2	63345.0	1.19157	Y
3	STD3 460-910866/6	0.02	0.022271	0.2	70459.0	1.113555	Y
4	STD4 460-910866/5	0.1	0.117345	0.2	66220.0	1.173452	Y
5	ICIS 460-910866/2	0.2	0.236979	0.2	71701.0	1.184893	Y
6	STD6 460-910866/4	0.4	0.487662	0.2	73366.0	1.219155	Y
7	STD7 460-910866/3	2.0	3.030281	0.2	56418.0	1.515141	Y



7/12/2023
10:47 AM

Calibration / Dibenz(a,h)anthracene

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

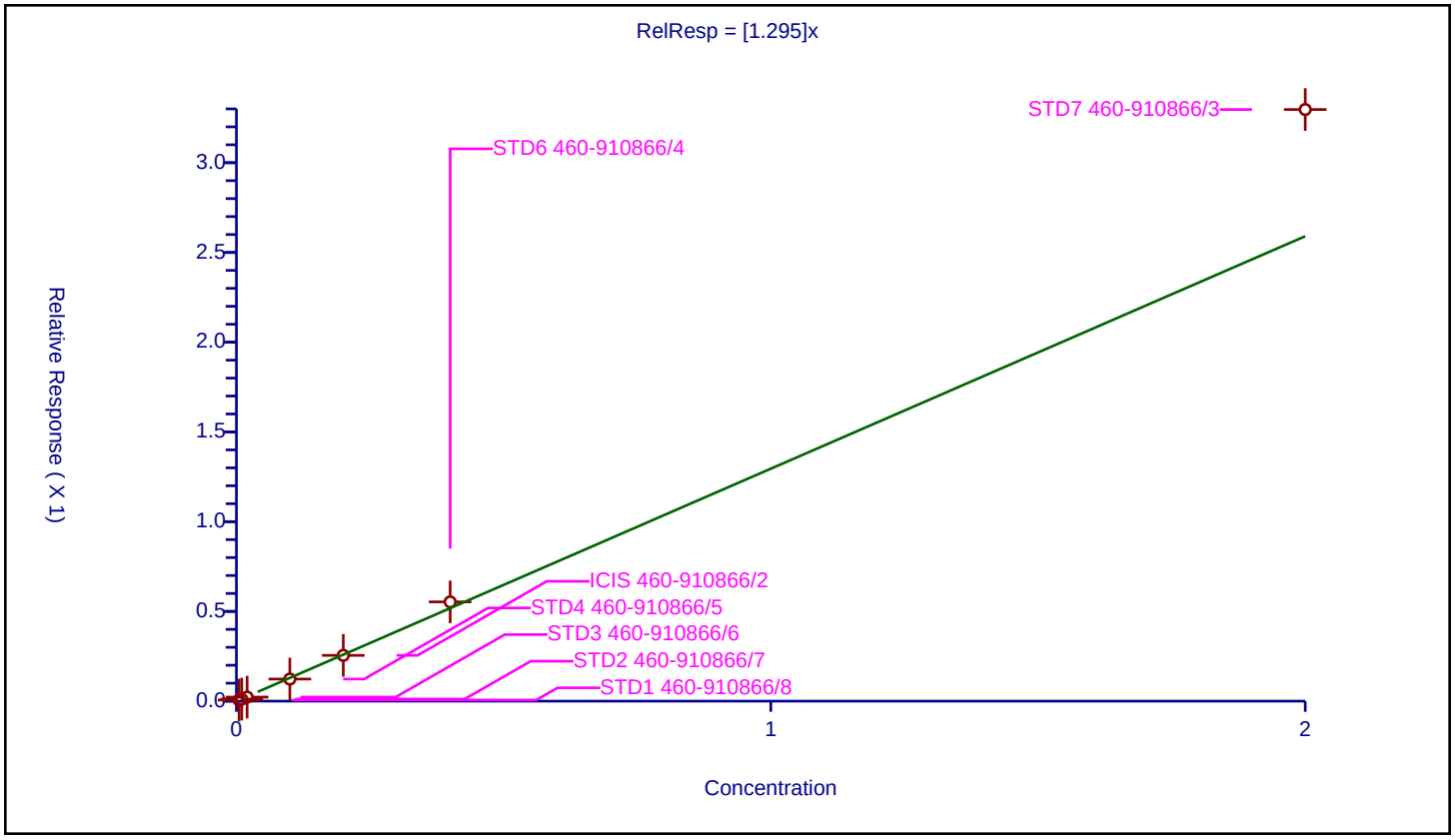
Curve Coefficients

Intercept:	0
Slope:	1.295

Error Coefficients

Standard Error:	391000
Relative Standard Error:	13.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.006301	0.2	71548.0	1.260133	Y
2	STD2 460-910866/7	0.01	0.011486	0.2	63345.0	1.148631	Y
3	STD3 460-910866/6	0.02	0.022413	0.2	70459.0	1.120652	Y
4	STD4 460-910866/5	0.1	0.123102	0.2	66220.0	1.231018	Y
5	ICIS 460-910866/2	0.2	0.255056	0.2	71701.0	1.275282	Y
6	STD6 460-910866/4	0.4	0.552986	0.2	73366.0	1.382466	Y
7	STD7 460-910866/3	2.0	3.29637	0.2	56418.0	1.648185	Y



7/12/2023
10:47 AM

Calibration / Benzo[g,h,i]perylene

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

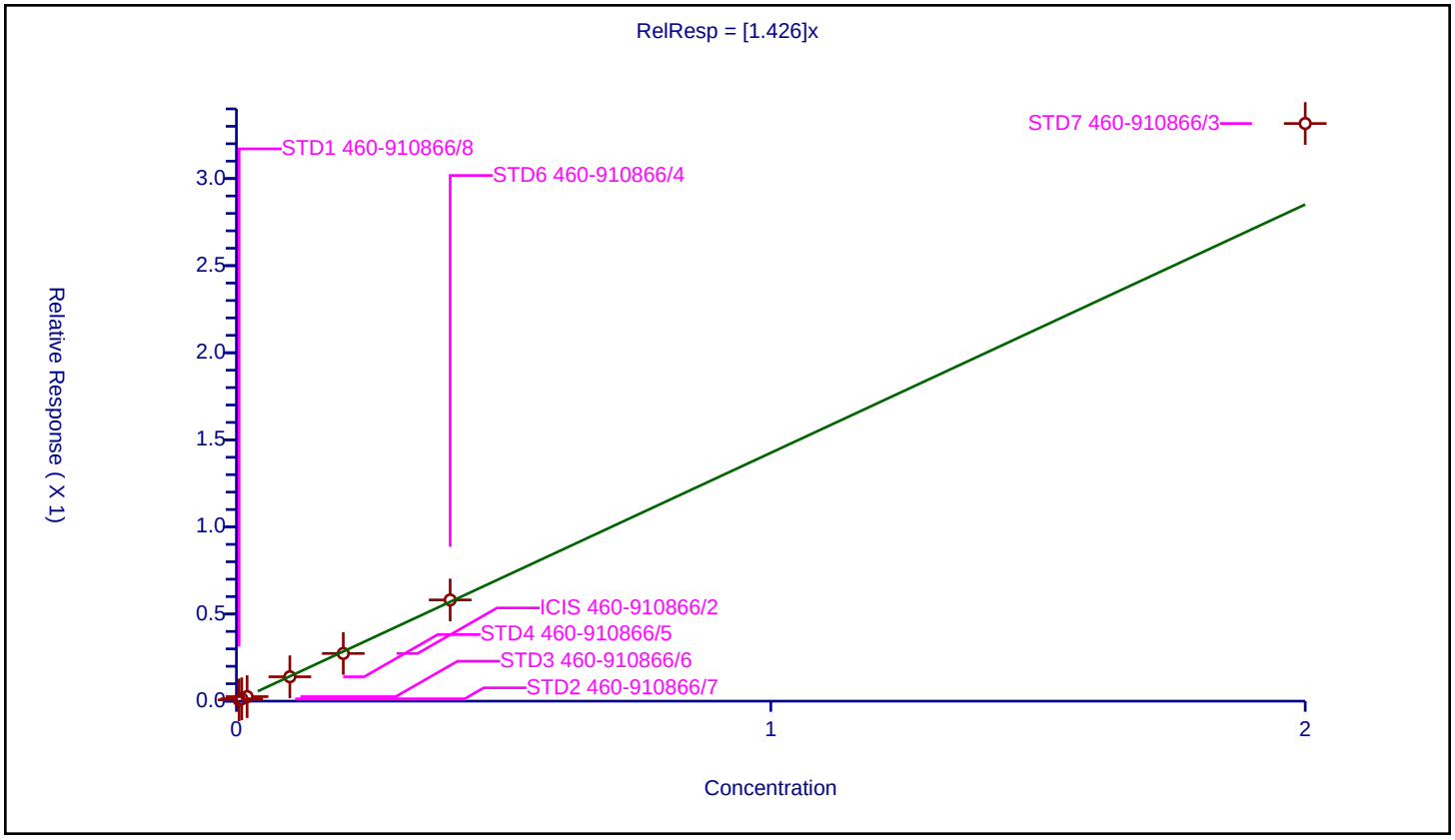
Curve Coefficients

Intercept:	0
Slope:	1.426

Error Coefficients

Standard Error:	394000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-910866/8	0.005	0.007212	0.2	71548.0	1.442388	Y
2	STD2 460-910866/7	0.01	0.013602	0.2	63345.0	1.36017	Y
3	STD3 460-910866/6	0.02	0.02593	0.2	70459.0	1.296499	Y
4	STD4 460-910866/5	0.1	0.140054	0.2	66220.0	1.400544	Y
5	ICIS 460-910866/2	0.2	0.273765	0.2	71701.0	1.368823	Y
6	STD6 460-910866/4	0.4	0.58116	0.2	73366.0	1.452901	Y
7	STD7 460-910866/3	2.0	3.316087	0.2	56418.0	1.658044	Y



7/12/2023
10:47 AM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Lab Sample ID: ICV 460-910866/9 Calibration Date: 05/23/2023 16:15

Instrument ID: CBNAMS13 Calib Start Date: 05/23/2023 10:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/23/2023 15:07

Lab File ID: C24866.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin2		0.4379		781	800	-2.4	30.0
N-Nitrosodimethylamine	Ave	0.5567	0.4524		325	400	-18.7	30.0
Bis(2-chloroethyl)ether	Ave	1.072	1.086	0.7000	405	400	1.3	30.0
Naphthalene	Ave	1.063	1.062	0.7000	200	200	-0.1	30.0
Acenaphthylene	Ave	1.786	1.707	0.9000	191	200	-4.4	30.0
Acenaphthene	Ave	1.183	1.147	0.9000	194	200	-3.0	30.0
Fluorene	Ave	1.369	1.341	0.9000	196	200	-2.1	30.0
4,6-Dinitro-2-methylphenol	Qua		0.0689	0.0100	706	800	-11.8	30.0
Hexachlorobenzene	Ave	0.3075	0.3160	0.1000	411	400	2.8	30.0
Pentachlorophenol	Qua		0.1425	0.0500	409	400	2.3	30.0
Phenanthrene	Ave	1.206	1.155	0.7000	192	200	-4.2	30.0
Anthracene	Ave	0.9206	0.9647	0.7000	210	200	4.8	30.0
Fluoranthene	Ave	1.086	1.058	0.6000	195	200	-2.6	30.0
Pyrene	Ave	1.585	1.566	0.6000	198	200	-1.2	30.0
Benzo[a]anthracene	Ave	1.205	1.163	0.8000	193	200	-3.5	30.0
Chrysene	Ave	1.488	1.418	0.7000	191	200	-4.7	30.0
Benzo[b]fluoranthene	Ave	1.481	1.413	0.0100	191	200	-4.6	30.0
Benzo[k]fluoranthene	Ave	1.584	1.582	0.7000	200	200	-0.1	30.0
Benzo[a]pyrene	Ave	1.004	1.105	0.7000	220	200	10.1	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.236	1.155	0.5000	187	200	-6.6	30.0
Dibenz(a,h)anthracene	Ave	1.295	1.245	0.4000	192	200	-3.9	30.0
Benzo[g,h,i]perylene	Ave	1.426	1.351	0.5000	190	200	-5.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24866.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-May-2023 16:15:30 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-009
Operator ID: Instrument ID: CBNAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 13:09:25 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 24-May-2023 13:09:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.841	0.005	80	75954	0.8000	0.7806	
2 N-Nitrosodimethylamine	74	2.054	2.049	0.005	72	39233	0.4000	0.3251	
3 Bis(2-chloroethyl)ether	93	4.131	4.131	0.000	92	94180	0.4000	0.4052	
* 4 1,4-Dichlorobenzene-d4	152	4.391	4.396	-0.005	100	43364	0.2000	0.2000	
* 7 Naphthalene-d8	136	5.601	5.606	-0.005	100	134861	0.2000	0.2000	
8 Naphthalene	128	5.622	5.627	-0.005	100	143175	0.2000	0.1997	
10 Acenaphthylene	152	7.125	7.125	0.000	100	108140	0.2000	0.1912	
* 11 Acenaphthene-d10	164	7.261	7.261	0.000	97	63337	0.2000	0.2000	
12 Acenaphthene	154	7.297	7.297	0.000	80	72675	0.2000	0.1940	
13 Fluorene	166	7.784	7.784	0.000	98	84914	0.2000	0.1959	
14 4,6-Dinitro-2-methylphenol	198	7.829	7.829	0.000	96	31544	0.8000	0.7058	
15 Hexachlorobenzene	284	8.299	8.308	-0.009	100	72335	0.4000	0.4110	
16 Pentachlorophenol	266	8.488	8.488	0.000	98	32615	0.4000	0.4093	
* 17 Phenanthrene-d10	188	8.669	8.669	0.000	99	114461	0.2000	0.2000	
18 Phenanthrene	178	8.687	8.687	0.000	34	132205	0.2000	0.1916	
19 Anthracene	178	8.732	8.741	-0.009	100	110415	0.2000	0.2096	
20 Fluoranthene	202	9.811	9.811	0.000	100	121154	0.2000	0.1949	
21 Pyrene	202	10.022	10.021	0.001	100	124353	0.2000	0.1977	
24 Benzo[a]anthracene	228	11.274	11.274	0.000	52	92311	0.2000	0.1930	
* 25 Chrysene-d12	240	11.281	11.287	-0.006	91	79386	0.2000	0.2000	
26 Chrysene	228	11.313	11.313	0.000	100	112607	0.2000	0.1906	
27 Benzo[b]fluoranthene	252	12.632	12.638	-0.006	100	98459	0.2000	0.1907	
28 Benzo[k]fluoranthene	252	12.671	12.671	0.000	95	110248	0.2000	0.1997	
29 Benzo[a]pyrene	252	13.080	13.080	0.000	100	77014	0.2000	0.2201	
* 30 Perylene-d12	264	13.159	13.159	0.000	100	69700	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.708	14.708	0.000	99	80472	0.2000	0.1868	
32 Dibenz(a,h)anthracene	278	14.754	14.761	-0.007	46	86744	0.2000	0.1922	
33 Benzo[g,h,i]perylene	276	15.130	15.130	0.000	99	94180	0.2000	0.1896	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00035 Amount Added: 1.00 Units: mL

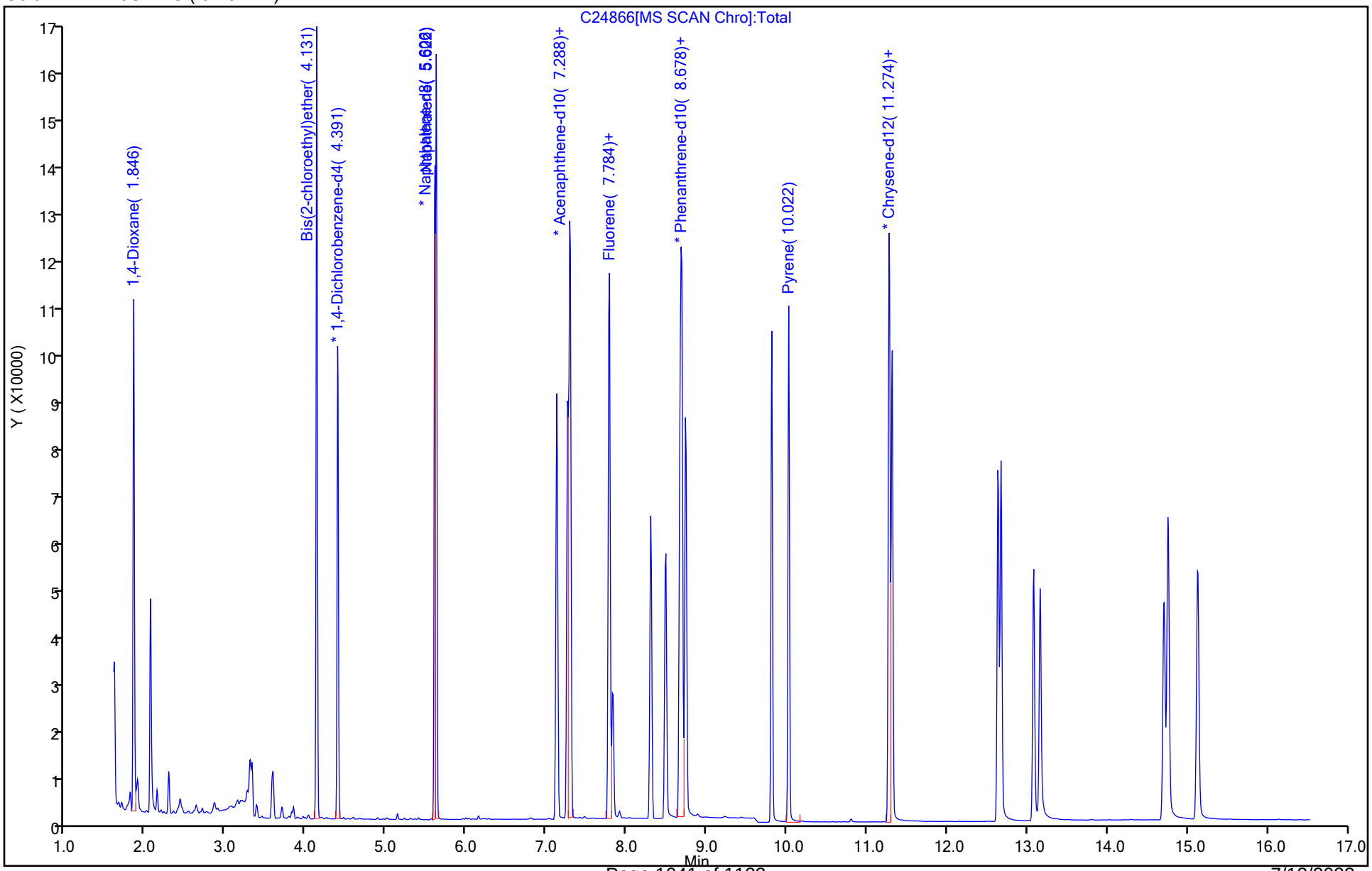
Report Date: 24-May-2023 13:09:40 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24866.D

Injection Date:	23-May-2023 16:15:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Lab Sample ID: CCVIS 460-917330/2 | Calibration Date: 06/23/2023 19:45

Instrument ID: CBNAMS13 | Calib Start Date: 05/23/2023 10:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/23/2023 15:07

Lab File ID: C25617.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin2		0.4330		772	800	-3.5	20.0
N-Nitrosodimethylamine	Ave	0.5567	0.5685		408	400	2.1	20.0
Bis(2-chloroethyl)ether	Ave	1.072	1.038	0.7000	387	400	-3.2	20.0
Naphthalene	Ave	1.063	1.027	0.7000	193	200	-3.4	20.0
Acenaphthylene	Ave	1.786	1.773	0.9000	199	200	-0.7	20.0
Acenaphthene	Ave	1.183	1.092	0.9000	185	200	-7.7	20.0
Fluorene	Ave	1.369	1.267	0.9000	185	200	-7.5	20.0
4,6-Dinitro-2-methylphenol	Qua		0.0176	0.0100	205	800	-74.3*	20.0
Hexachlorobenzene	Ave	0.3075	0.3010	0.1000	392	400	-2.1	20.0
Pentachlorophenol	Qua		0.1393	0.0500	401	400	0.2	20.0
Phenanthrene	Ave	1.206	1.098	0.7000	182	200	-8.9	20.0
Anthracene	Ave	0.9206	0.9714	0.7000	211	200	5.5	20.0
Fluoranthene	Ave	1.086	1.055	0.6000	194	200	-2.9	20.0
Pyrene	Ave	1.585	1.499	0.6000	189	200	-5.4	20.0
Benzo[a]anthracene	Ave	1.205	1.196	0.8000	198	200	-0.8	20.0
Chrysene	Ave	1.488	1.412	0.7000	190	200	-5.1	20.0
Benzo[b]fluoranthene	Ave	1.481	1.222	0.0100	165	200	-17.5	20.0
Benzo[k]fluoranthene	Ave	1.584	1.466	0.7000	185	200	-7.5	20.0
Benzo[a]pyrene	Ave	1.004	0.9918	0.7000	198	200	-1.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.236	1.372	0.5000	222	200	11.0	20.0
Dibenz(a,h)anthracene	Ave	1.295	1.503	0.4000	232	200	16.1	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.615	0.5000	227	200	13.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25617.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2023 19:45:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: maheseep Date: 26-Jun-2023 11:04:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.789	1.789	0.000	80	63886	0.8000	0.7717	
	2 N-Nitrosodimethylamine	74	2.013	2.013	0.000	75	41936	0.4000	0.4085	
	3 Bis(2-chloroethyl)ether	93	4.100	4.100	0.000	93	76541	0.4000	0.3871	
*	4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	36884	0.2000	0.2000	
$	5 Nitrobenzene-d5	82	4.884	4.884	0.000	97	180247	1.00	1.01	
*	7 Naphthalene-d8	136	5.575	5.575	0.000	100	120091	0.2000	0.2000	
	8 Naphthalene	128	5.596	5.596	0.000	100	123303	0.2000	0.1931	
$	9 2-Fluorobiphenyl	172	6.602	6.602	0.000	100	465137	1.00	0.9417	
	10 Acenaphthylene	152	7.098	7.098	0.000	100	103409	0.2000	0.1986	
*	11 Acenaphthene-d10	164	7.234	7.234	0.000	99	58309	0.2000	0.2000	
	12 Acenaphthene	154	7.261	7.261	0.000	79	63647	0.2000	0.1846	
	13 Fluorene	166	7.748	7.748	0.000	99	73859	0.2000	0.1851	
	14 4,6-Dinitro-2-methylphenol	198	7.802	7.802	0.000	97	7187	0.8000	0.2055	
$	23 2,4,6-Tribromophenol	330	7.983	7.983	0.000	99	65910	1.00	0.9325	
	15 Hexachlorobenzene	284	8.272	8.272	0.000	98	61423	0.4000	0.3916	
	16 Pentachlorophenol	266	8.461	8.461	0.000	99	28420	0.4000	0.4007	
*	17 Phenanthrene-d10	188	8.633	8.633	0.000	100	102023	0.2000	0.2000	
	18 Phenanthrene	178	8.660	8.660	0.000	34	112035	0.2000	0.1821	
	19 Anthracene	178	8.705	8.705	0.000	99	99102	0.2000	0.2110	
	20 Fluoranthene	202	9.778	9.778	0.000	100	107638	0.2000	0.1942	
	21 Pyrene	202	9.989	9.989	0.000	100	112690	0.2000	0.1891	
$	22 Terphenyl-d14	244	10.153	10.153	0.000	99	335409	1.00	0.9223	
	24 Benzo[a]anthracene	228	11.234	11.234	0.000	31	89932	0.2000	0.1985	
*	25 Chrysene-d12	240	11.248	11.248	0.000	93	75199	0.2000	0.2000	
	26 Chrysene	228	11.274	11.274	0.000	100	106173	0.2000	0.1897	
	27 Benzo[b]fluoranthene	252	12.592	12.592	0.000	100	103262	0.2000	0.1650	
	28 Benzo[k]fluoranthene	252	12.625	12.625	0.000	96	123890	0.2000	0.1851	
	29 Benzo[a]pyrene	252	13.034	13.034	0.000	98	83816	0.2000	0.1976	
*	30 Perylene-d12	264	13.113	13.113	0.000	100	84509	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.649	14.649	0.000	100	115955	0.2000	0.2220	
	32 Dibenz(a,h)anthracene	278	14.695	14.695	0.000	99	127046	0.2000	0.2321	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.064	15.064	0.000	99	136500	0.2000	0.2266	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

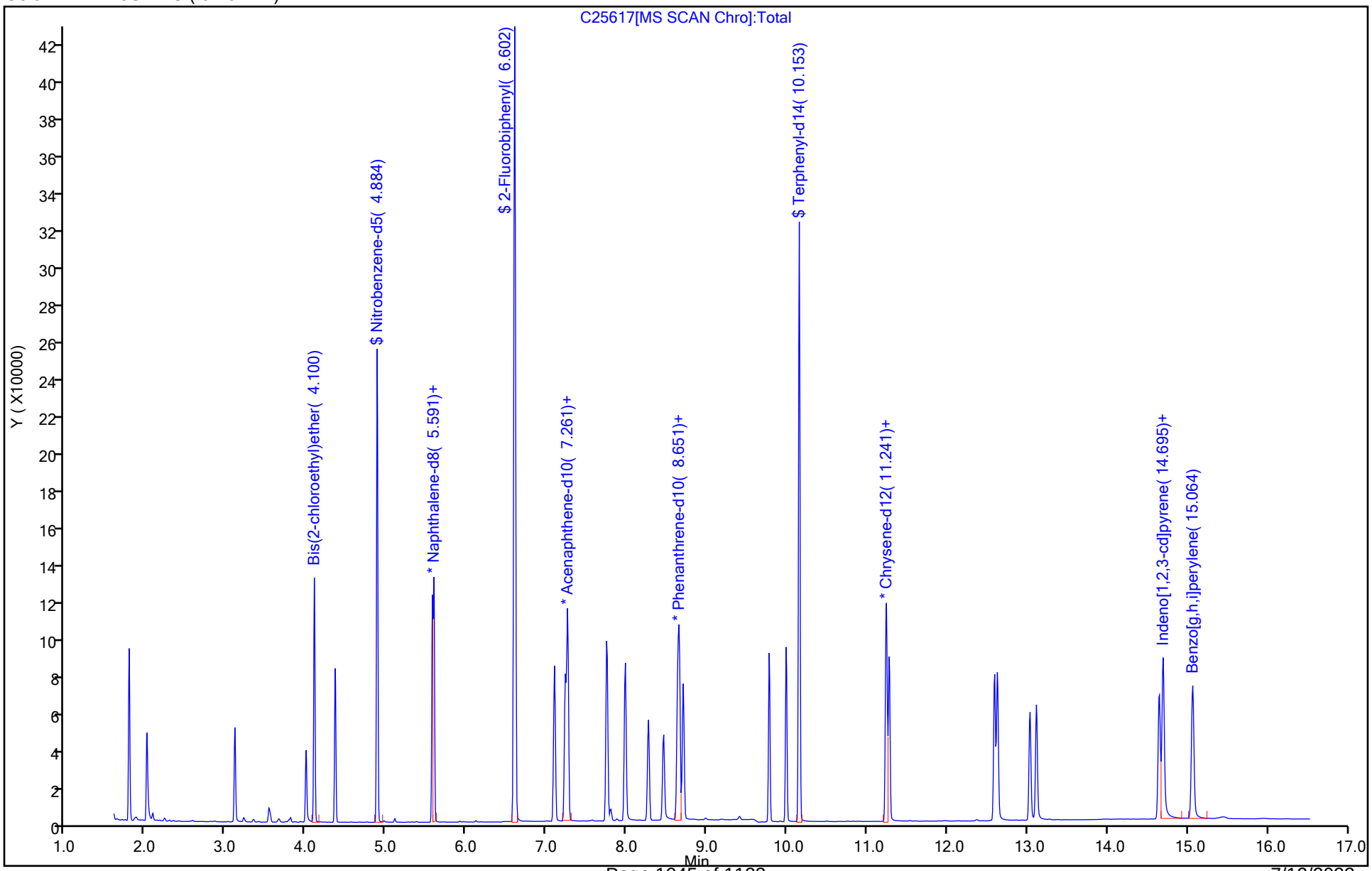
Report Date: 26-Jun-2023 11:04:33 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25617.D

Injection Date:	23-Jun-2023 19:45:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 23-May-2023 10:24:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0160974-001
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2023 13:13:45 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: G4KC Date: 24-May-2023 13:13:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
6 Pentachlorophenol_T	266	4.610	4.610	0.000	0	465184	NR	NR	
34 DFTPP									
35 Benzidine_T	184	5.875	5.875	0.000	0	2792433	NR	NR	
37 4,4'-DDE	246	6.310	6.310	0.000	0	1056		NR	a
38 4,4'-DDT	235	6.522	6.522	0.000	0	1212560	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

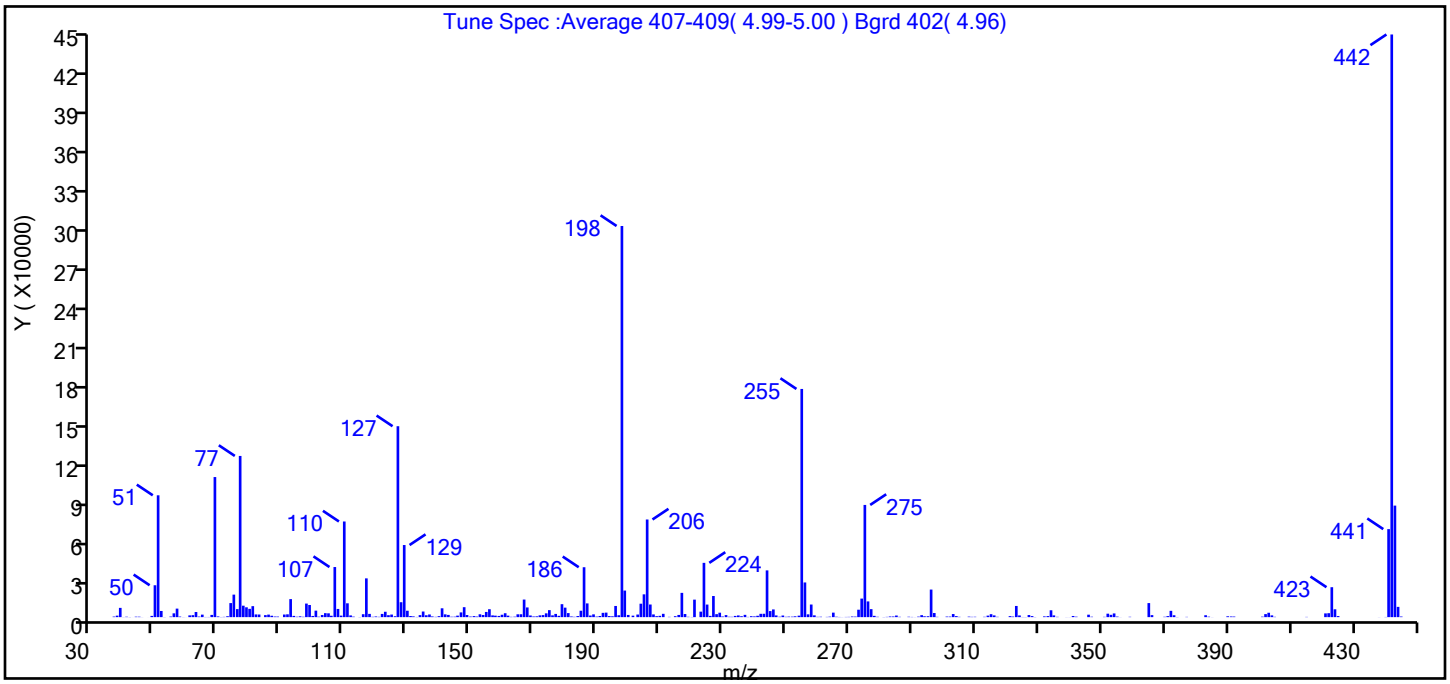
SMDFTP_CH_00035 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D
Injection Date: 23-May-2023 10:24:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Tune Method: DFTPP Method 8270E, BP 198

34 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.6)
69	Present	35.8
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.5
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	3.6
441	<150% of m/z 443	22.5 (78.9)
442	Present	149.0
443	15-24% of m/z 442	28.5 (19.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 23-May-2023 10:24:30
Spectrum: Tune Spec :Average 407-409(4.99-5.00) Bgrd 402(4.96)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	432	123.00	4078	205.00	17272	293.00	1501
38.00	1134	124.00	1480	206.00	73944	294.00	640
39.00	7018	125.00	1963	207.00	9564	295.00	687
40.00	77	126.00	685	208.00	2062	296.00	20888
41.00	316	127.00	144576	209.00	739	297.00	3124
42.00	98	128.00	11300	210.00	990	298.00	233
43.00	16	129.00	54608	211.00	2512	301.00	430
44.00	349	130.00	4841	213.00	215	302.00	421
45.00	336	131.00	845	215.00	719	303.00	2351
46.00	51	132.00	566	216.00	1667	304.00	775
48.00	21	133.00	148	217.00	18384	305.00	238
49.00	945	134.00	1526	218.00	2363	308.00	392
50.00	24152	135.00	4257	219.00	266	309.00	230
51.00	92264	136.00	1431	220.00	122	310.00	282
52.00	4678	137.00	2023	221.00	13261	313.00	261
53.00	98	138.00	534	223.00	4163	314.00	1146
55.00	436	139.00	220	224.00	41112	315.00	2240
56.00	2883	140.00	741	225.00	9523	316.00	1320
57.00	6456	141.00	6704	226.00	948	317.00	249
58.00	436	142.00	2126	227.00	16005	321.00	758
59.00	75	143.00	1689	228.00	2258	322.00	434
60.00	25	144.00	318	229.00	3369	323.00	8467
61.00	1335	145.00	347	230.00	478	324.00	1289
62.00	1492	146.00	1144	231.00	1547	325.00	126
63.00	3898	147.00	3587	232.00	300	326.00	108
64.00	421	148.00	7542	233.00	255	327.00	1586
65.00	1902	149.00	1607	234.00	930	328.00	795
66.00	132	150.00	455	235.00	1276	329.00	116
67.00	138	151.00	788	236.00	688	332.00	570
68.00	1692	152.00	447	237.00	1737	333.00	796
69.00	106080	153.00	2168	238.00	170	334.00	5197
70.00	542	154.00	1628	239.00	715	335.00	1321
71.00	117	155.00	3930	240.00	561	336.00	237

Report Date: 24-May-2023 13:13:46 Chrom Revision: 2.3 23-May-2023 13:55:56
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 23-May-2023 10:24:30
Spectrum: Tune Spec :Average 407-409(4.99-5.00) Bgrd 402(4.96)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	203	156.00	6000	241.00	1036	339.00	57
73.00	687	157.00	1322	242.00	2520	340.00	51
74.00	10642	158.00	1124	243.00	2555	341.00	875
75.00	17056	159.00	915	244.00	35408	342.00	356
76.00	6086	160.00	1811	245.00	4585	346.00	1854
77.00	122072	161.00	2959	246.00	5833	347.00	324
78.00	8669	162.00	1128	247.00	1296	351.00	231
79.00	7449	163.00	236	248.00	314	352.00	2623
80.00	6287	164.00	353	249.00	1227	353.00	1755
81.00	8319	165.00	2138	250.00	256	354.00	2807
82.00	2059	166.00	2191	251.00	412	355.00	419
83.00	1989	167.00	13320	252.00	372	356.00	51
85.00	1528	168.00	7342	253.00	629	359.00	264
86.00	1916	169.00	1259	254.00	1117	365.00	10645
87.00	1058	170.00	496	255.00	172800	366.00	1529
88.00	447	171.00	603	256.00	26264	370.00	278
89.00	424	172.00	1356	257.00	2117	371.00	794
91.00	1979	173.00	1553	258.00	9558	372.00	4779
92.00	2136	174.00	2881	259.00	1361	373.00	1428
93.00	13660	175.00	5308	260.00	240	374.00	119
94.00	949	176.00	1354	261.00	305	377.00	200
95.00	318	177.00	2438	263.00	184	383.00	1447
96.00	611	178.00	997	264.00	372	384.00	372
97.00	277	179.00	9818	265.00	3412	385.00	52
98.00	10279	180.00	7193	266.00	319	390.00	645
99.00	9200	181.00	3071	267.00	146	391.00	501
100.00	903	182.00	504	268.00	66	392.00	443
101.00	4913	183.00	253	269.00	159	401.00	375
102.00	337	184.00	835	270.00	198	402.00	2305
103.00	1599	185.00	4851	271.00	482	403.00	3323
104.00	3022	186.00	37800	272.00	415	404.00	1338
105.00	2891	187.00	10404	273.00	5629	405.00	237
106.00	1048	188.00	1218	274.00	14049	415.00	183
107.00	37944	189.00	2104	275.00	84968	421.00	2834

Report Date: 24-May-2023 13:13:46 Chrom Revision: 2.3 23-May-2023 13:55:56
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 23-May-2023 10:24:30
Spectrum: Tune Spec :Average 407-409(4.99-5.00) Bgrd 402(4.96)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	6201	190.00	407	276.00	11908	422.00	2989
109.00	1149	191.00	876	277.00	6056	423.00	22672
110.00	72432	192.00	3254	278.00	980	424.00	5951
111.00	10481	193.00	3432	279.00	281	425.00	823
112.00	1307	194.00	817	281.00	104	438.00	51
113.00	377	195.00	630	282.00	201	440.00	135
115.00	110	196.00	8462	283.00	497	441.00	66656
116.00	2220	197.00	1412	284.00	495	442.00	441216
117.00	29360	198.00	296192	285.00	1224	443.00	84456
118.00	2467	199.00	20120	286.00	249	444.00	7775
119.00	249	200.00	1663	289.00	304	445.00	461
120.00	515	202.00	1119	290.00	161		
121.00	245	203.00	1970	291.00	60		
122.00	2436	204.00	10177	292.00	393		

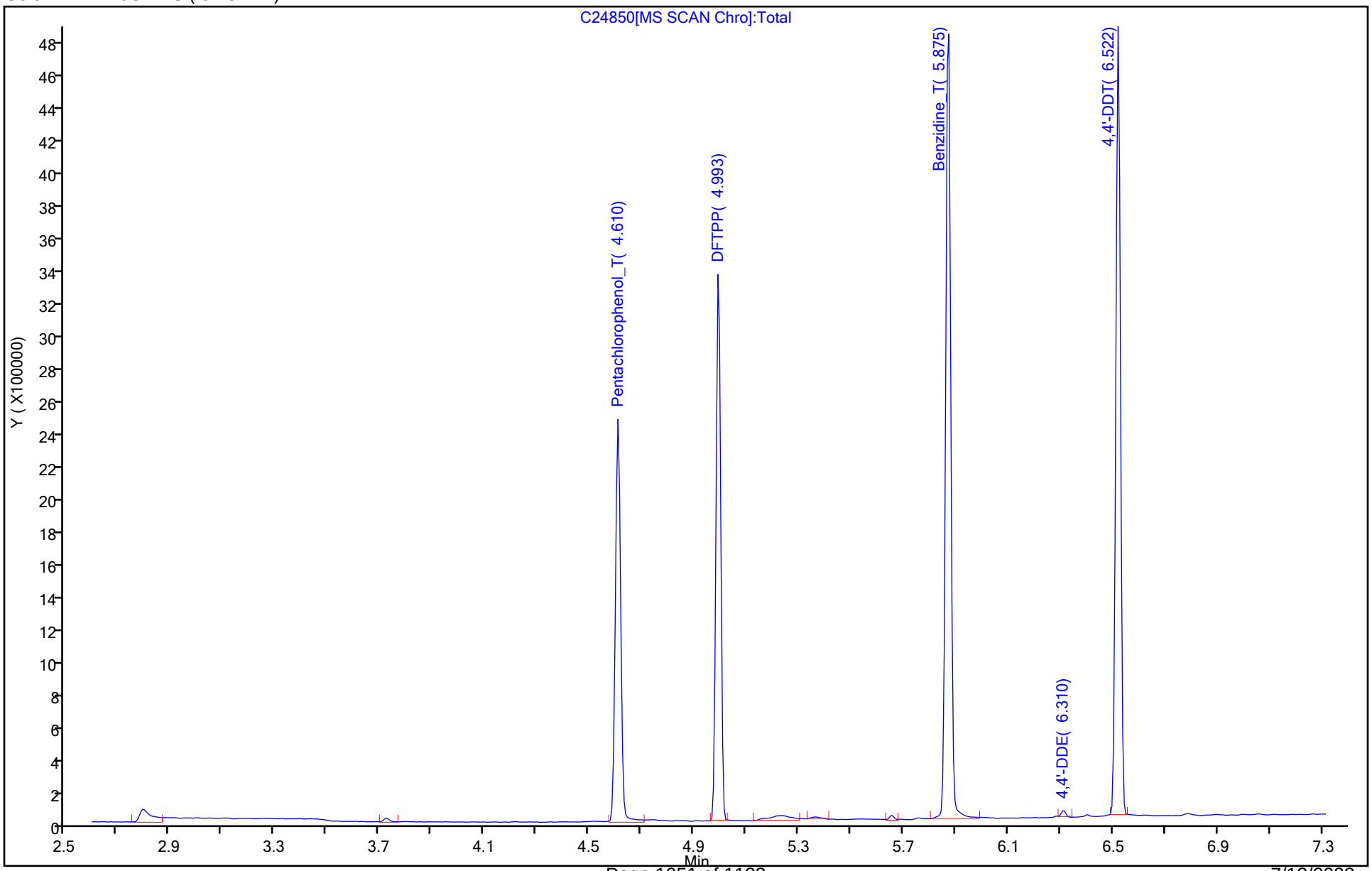
Report Date: 24-May-2023 13:13:46 Chrom Revision: 2.3 23-May-2023 13:55:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D

Injection Date:	23-May-2023 10:24:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D
Injection Date: 23-May-2023 10:24:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

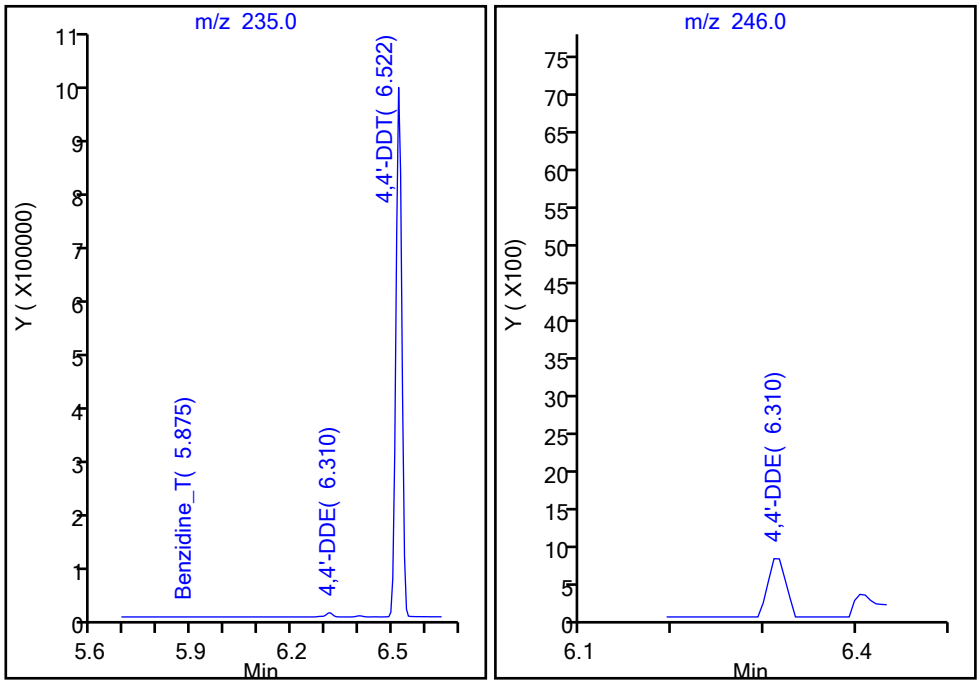
38 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 1212560
36 4,4'-DDD, Area = 0
37 4,4'-DDE, Area = 1056

%Breakdown: 0.09%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

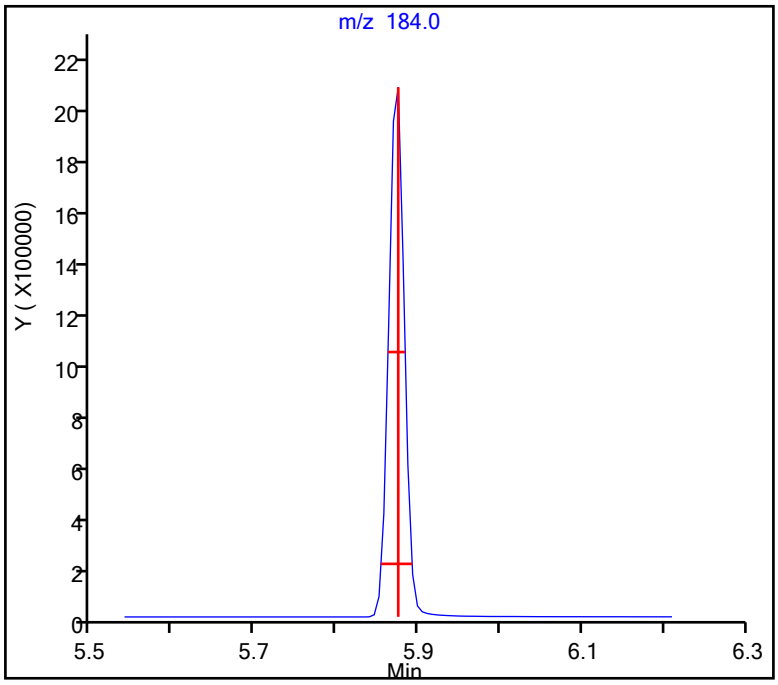
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D
Injection Date: 23-May-2023 10:24:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.81, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

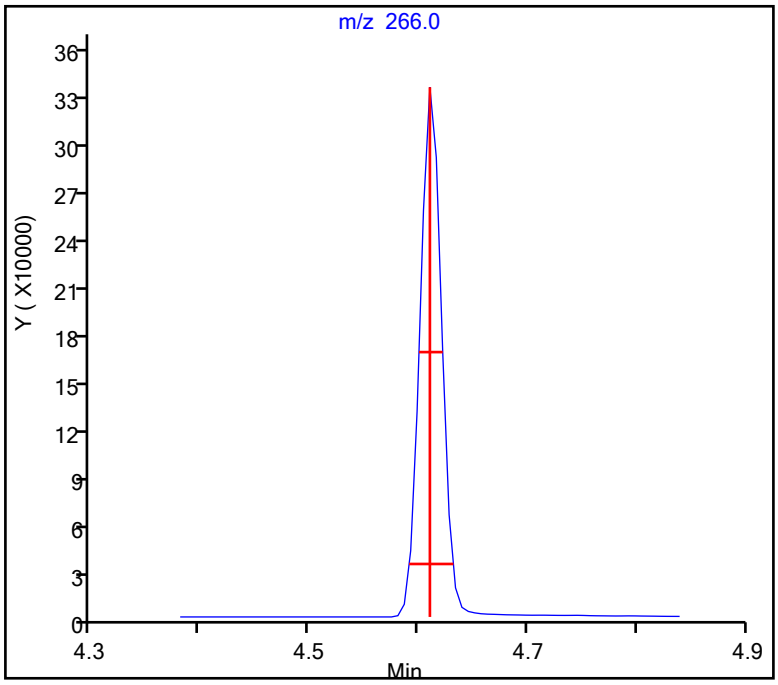
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24850.D
Injection Date: 23-May-2023 10:24:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.16, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-917200/1-A

Matrix: Water | Lab File ID: C25622.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 21:37

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25622.D
Lims ID: MB 460-917200/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 21:37:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-007
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:12:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	40493	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.884	4.884	0.000	96	1670743	10.0	8.78	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	100	128144	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	6.601	6.602	-0.001	100	4079016	10.0	8.05	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	99	59821	0.2000	0.2000	
$ 23 2,4,6-Tribromophenol	330	7.983	7.983	0.000	99	628304	10.0	8.66	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	102835	0.2000	0.2000	
$ 22 Terphenyl-d14	244	10.153	10.153	0.000	99	2639563	10.0	9.30	
* 25 Chrysene-d12	240	11.247	11.248	-0.001	99	58680	0.2000	0.2000	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	63596	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

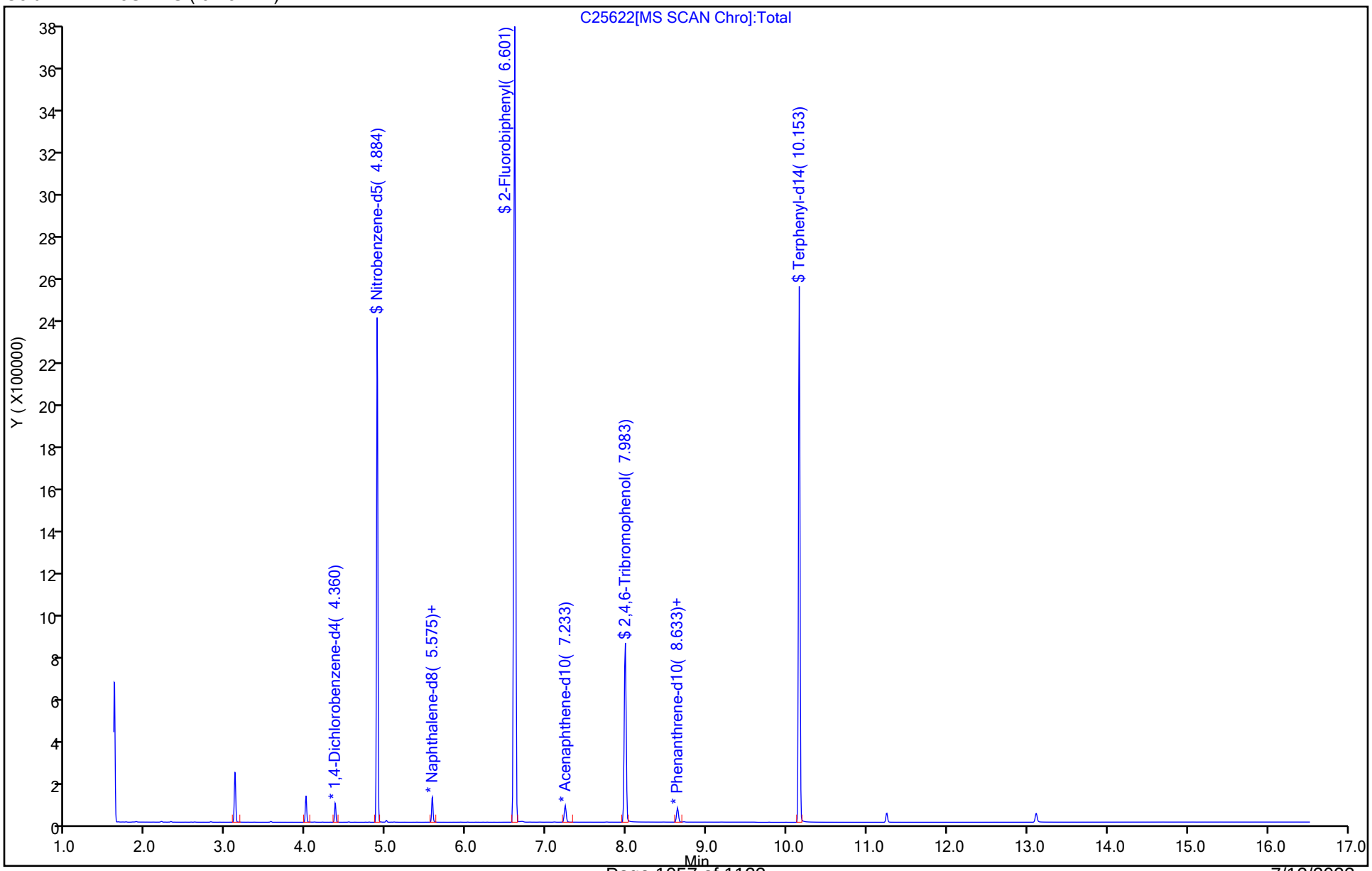
Report Date: 26-Jun-2023 11:11:14 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25622.D

Injection Date:	23-Jun-2023 21:37:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	MB 460-917200/1-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25622.D
Lims ID: MB 460-917200/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2023 21:37:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-007
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:12:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	10.0	8.78	87.75
$ 9 2-Fluorobiphenyl	10.0	8.05	80.49
$ 23 2,4,6-Tribromophenol	10.0	8.66	86.64
$ 22 Terphenyl-d14	10.0	9.30	93.02

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-917200/4-A

Matrix: Water | Lab File ID: C25623.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 21:58

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.32		0.050	0.016
50-32-8	Benzo[a]pyrene	1.44		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.19		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.57		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.28		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.45		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.43		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25623.D
Lims ID: LCS 460-917200/4-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 21:58:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-008
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:29:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.794	1.789	0.005	80	6053	0.2500	0.0556	
2 N-Nitrosodimethylamine	74	2.023	2.013	0.010	78	8289	0.2500	0.0826	
3 Bis(2-chloroethyl)ether	93	4.100	4.100	0.000	94	30532	0.2500	0.1580	
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	36043	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.884	4.884	0.000	96	137108	1.00	0.8073	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	100	114302	0.2000	0.2000	
8 Naphthalene	128	5.591	5.596	-0.005	100	84512	0.2500	0.1391	
$ 9 2-Fluorobiphenyl	172	6.601	6.602	-0.001	100	355872	1.00	0.7437	
10 Acenaphthylene	152	7.098	7.098	0.000	100	77657	0.2500	0.1540	
* 11 Acenaphthene-d10	164	7.233	7.234	-0.001	99	56488	0.2000	0.2000	
12 Acenaphthene	154	7.261	7.261	0.000	79	48885	0.2500	0.1463	
13 Fluorene	166	7.748	7.748	0.000	99	59623	0.2500	0.1542	
14 4,6-Dinitro-2-methylphenol	198	7.802	7.802	0.000	89	3043	0.5000	0.0970	
$ 23 2,4,6-Tribromophenol	330	7.983	7.983	0.000	99	53461	1.00	0.7807	
15 Hexachlorobenzene	284	8.272	8.272	0.000	96	24726	0.2500	0.1590	
16 Pentachlorophenol	266	8.461	8.461	0.000	99	18501	0.5000	0.2701	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	101144	0.2000	0.2000	
18 Phenanthrene	178	8.660	8.660	0.000	35	93263	0.2500	0.1529	
19 Anthracene	178	8.705	8.705	0.000	99	87261	0.2500	0.1874	
20 Fluoranthene	202	9.778	9.778	0.000	100	87411	0.2500	0.1591	
21 Pyrene	202	9.989	9.989	0.000	100	90370	0.2500	0.1791	
$ 22 Terphenyl-d14	244	10.153	10.153	0.000	100	283413	1.00	0.9205	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	39	63493	0.2500	0.1655	
* 25 Chrysene-d12	240	11.247	11.248	-0.001	95	63665	0.2000	0.2000	
26 Chrysene	228	11.274	11.274	0.000	100	79732	0.2500	0.1683	
27 Benzo[b]fluoranthene	252	12.586	12.592	-0.006	100	69624	0.2500	0.1491	
28 Benzo[k]fluoranthene	252	12.625	12.625	0.000	99	80156	0.2500	0.1605	
29 Benzo[a]pyrene	252	13.034	13.034	0.000	99	56831	0.2500	0.1795	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	63064	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.649	14.649	0.000	100	69826	0.2500	0.1792	
32 Dibenz(a,h)anthracene	278	14.695	14.695	0.000	47	73845	0.2500	0.1808	
33 Benzo[g,h,i]perylene	276	15.064	15.064	0.000	98	88237	0.2500	0.1963	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-Jun-2023 11:22:11 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25623.D

Injection Date: 23-Jun-2023 21:58:30 Instrument ID: CBNAMS13 Operator ID:

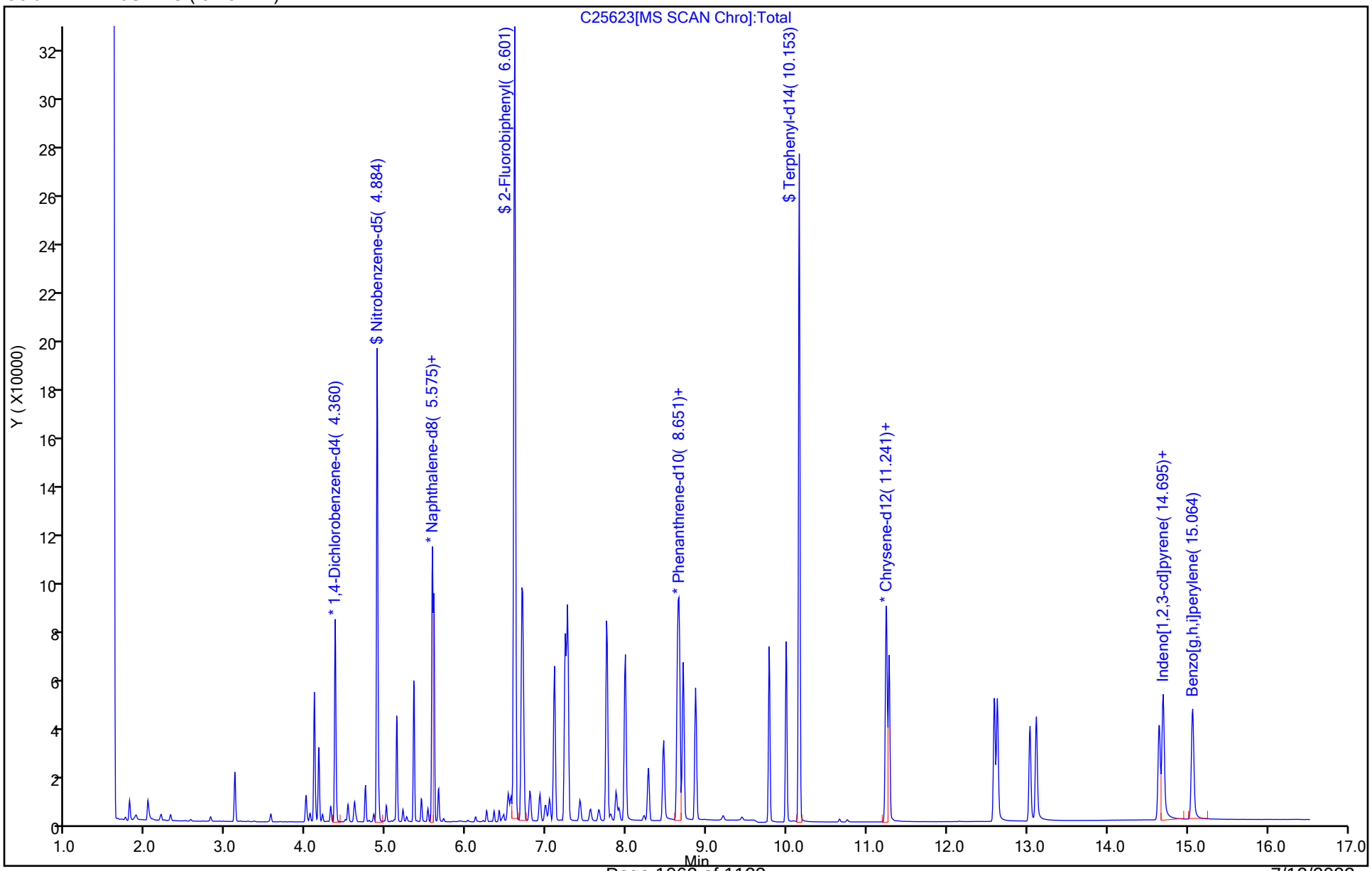
Lims ID: LCS 460-917200/4-A Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25623.D
Lims ID: LCS 460-917200/4-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2023 21:58:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-008
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:29:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	1.00	0.8073	80.73
$ 9 2-Fluorobiphenyl	1.00	0.7437	74.37
$ 23 2,4,6-Tribromophenol	1.00	0.7807	78.07
$ 22 Terphenyl-d14	1.00	0.9205	92.05

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-210122-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-917200/5-A

Matrix: Water | Lab File ID: C25624.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 06/23/2023 09:38

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2023 22:19

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.: 917330 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.42		0.050	0.016
50-32-8	Benzo[a]pyrene	1.52		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.26		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.58		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.32		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.44		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.47		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25624.D
Lims ID: LCSD 460-917200/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2023 22:19:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-009
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:41:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.800	1.789	0.011	79	7029	0.2500	0.0583	
2 N-Nitrosodimethylamine	74	2.028	2.013	0.015	76	9746	0.2500	0.0866	
3 Bis(2-chloroethyl)ether	93	4.100	4.100	0.000	92	36690	0.2500	0.1692	
* 4 1,4-Dichlorobenzene-d4	152	4.360	4.360	0.000	100	40455	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.884	4.884	0.000	96	167901	1.00	0.8845	
* 7 Naphthalene-d8	136	5.575	5.575	0.000	100	127761	0.2000	0.2000	
8 Naphthalene	128	5.591	5.596	-0.005	100	108792	0.2500	0.1602	
$ 9 2-Fluorobiphenyl	172	6.602	6.602	0.000	100	458258	1.00	0.8614	
10 Acenaphthylene	152	7.098	7.098	0.000	100	93102	0.2500	0.1660	
* 11 Acenaphthene-d10	164	7.234	7.234	0.000	99	62804	0.2000	0.2000	
12 Acenaphthene	154	7.261	7.261	0.000	80	61247	0.2500	0.1649	
13 Fluorene	166	7.748	7.748	0.000	99	71616	0.2500	0.1666	
14 4,6-Dinitro-2-methylphenol	198	7.802	7.802	0.000	88	2426	0.5000	0.0766	
$ 23 2,4,6-Tribromophenol	330	7.983	7.983	0.000	99	59540	1.00	0.7821	
15 Hexachlorobenzene	284	8.272	8.272	0.000	97	28785	0.2500	0.1750	
16 Pentachlorophenol	266	8.461	8.461	0.000	98	16445	0.5000	0.2296	
* 17 Phenanthrene-d10	188	8.633	8.633	0.000	100	106981	0.2000	0.2000	
18 Phenanthrene	178	8.660	8.660	0.000	33	110392	0.2500	0.1711	
19 Anthracene	178	8.705	8.705	0.000	100	98461	0.2500	0.1999	
20 Fluoranthene	202	9.778	9.778	0.000	100	95764	0.2500	0.1648	
21 Pyrene	202	9.989	9.989	0.000	100	99139	0.2500	0.1893	
$ 22 Terphenyl-d14	244	10.153	10.153	0.000	100	313132	1.00	0.9796	
24 Benzo[a]anthracene	228	11.234	11.234	0.000	42	70752	0.2500	0.1776	
* 25 Chrysene-d12	240	11.248	11.248	0.000	95	66103	0.2000	0.2000	
26 Chrysene	228	11.274	11.274	0.000	100	85919	0.2500	0.1747	
27 Benzo[b]fluoranthene	252	12.586	12.592	-0.006	100	75131	0.2500	0.1574	
28 Benzo[k]fluoranthene	252	12.625	12.625	0.000	99	83903	0.2500	0.1644	
29 Benzo[a]pyrene	252	13.034	13.034	0.000	100	61546	0.2500	0.1903	
* 30 Perylene-d12	264	13.113	13.113	0.000	100	64436	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.642	14.649	-0.007	100	73065	0.2500	0.1835	
32 Dibenz(a,h)anthracene	278	14.695	14.695	0.000	46	74967	0.2500	0.1797	
33 Benzo[g,h,i]perylene	276	15.064	15.064	0.000	99	90740	0.2500	0.1976	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

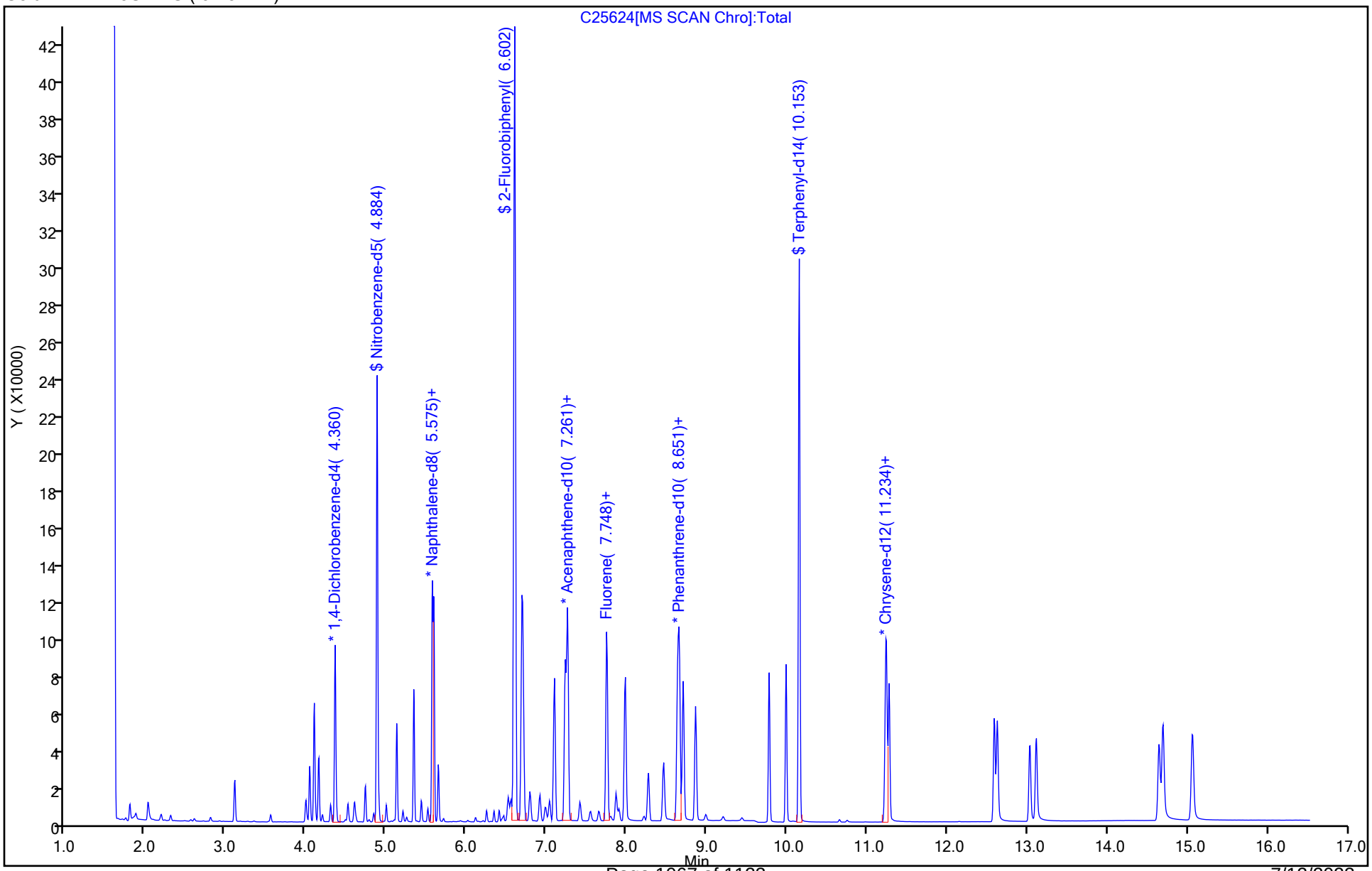
Report Date: 26-Jun-2023 11:22:29 Chrom Revision: 2.3 05-Jun-2023 19:02:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25624.D

Injection Date:	23-Jun-2023 22:19:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	LCSD 460-917200/5-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/12/2023
10:47 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\C25624.D
Lims ID: LCSD 460-917200/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2023 22:19:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0162517-009
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20230623-162517.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 26-Jun-2023 11:04:33 Calib Date: 23-May-2023 15:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20230523-160974.b\C24863.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: U6BX Date: 23-Jun-2023 22:41:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	1.00	0.8845	88.45
$ 9 2-Fluorobiphenyl	1.00	0.8614	86.14
$ 23 2,4,6-Tribromophenol	1.00	0.7821	78.21
$ 22 Terphenyl-d14	1.00	0.9796	97.96

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/23/2023 10:24

Analysis Batch Number: 910866 End Date: 05/23/2023 16:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-910866/1		05/23/2023 10:24	1	C24850.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-910866/2		05/23/2023 10:42	1	C24851.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-910866/3 IC		05/23/2023 11:26	1	C24853.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-910866/4 IC		05/23/2023 12:10	1	C24855.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-910866/5 IC		05/23/2023 12:55	1	C24857.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-910866/6 IC		05/23/2023 13:39	1	C24859.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-910866/7 IC		05/23/2023 14:23	1	C24861.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-910866/8 IC		05/23/2023 15:07	1	C24863.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-910866/9		05/23/2023 16:15	1	C24866.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 06/23/2023 19:45

Analysis Batch Number: 917330 End Date: 06/24/2023 02:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-917330/2		06/23/2023 19:45	1	C25617.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 20:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 20:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 21:16	1		Rtxi-5Sil MS 0.25(mm)
MB 460-917200/1-A		06/23/2023 21:37	1	C25622.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-917200/4-A		06/23/2023 21:58	1	C25623.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-917200/5-A		06/23/2023 22:19	1	C25624.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2023 23:01	1		Rtxi-5Sil MS 0.25(mm)
480-210122-1	MW-C11-202306	06/23/2023 23:43	1	C25628.D	Rtxi-5Sil MS 0.25(mm)
480-210122-2	MW-C12-202306	06/24/2023 00:04	1	C25629.D	Rtxi-5Sil MS 0.25(mm)
480-210122-4	MW-13S-202306	06/24/2023 00:25	1	C25630.D	Rtxi-5Sil MS 0.25(mm)
480-210122-5	MW-22S-202306	06/24/2023 00:46	1	C25631.D	Rtxi-5Sil MS 0.25(mm)
480-210122-6	MW-23S-202306	06/24/2023 01:08	1	C25632.D	Rtxi-5Sil MS 0.25(mm)
480-210122-7	MW-46S-202306	06/24/2023 01:29	1	C25633.D	Rtxi-5Sil MS 0.25(mm)
480-210122-8	MW-48S-202306	06/24/2023 01:50	1	C25634.D	Rtxi-5Sil MS 0.25(mm)
480-210122-9	DUP-1	06/24/2023 02:11	1	C25635.D	Rtxi-5Sil MS 0.25(mm)
480-210122-3	MW-C16-202306	06/24/2023 02:32	1	C25636.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2023 02:53	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 910866 Batch Start Date: 05/23/23 10:24 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SM_SIMICV_LVI 00035	SM_simSlviL1 00018	SM_simSlviL2 00018	SM_simSlviL3 00021	SM_simSlviL4 00017
DFTPP 460-910866/1		8270E SIM		1 mL					
ICIS 460-910866/2		8270E SIM		1 mL					
STD7 460-910866/3 IC		8270E SIM		1 mL					
STD6 460-910866/4 IC		8270E SIM		1 mL					
STD4 460-910866/5 IC		8270E SIM		1 mL					1 mL
STD3 460-910866/6 IC		8270E SIM		1 mL				1 mL	
STD2 460-910866/7 IC		8270E SIM		1 mL			1 mL		
STD1 460-910866/8 IC		8270E SIM		1 mL		1 mL			
ICV 460-910866/9		8270E SIM		1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_simSlviL5 00018	SM_simSlviL6 00019	SM_simSlviL7 00002	SMDFTP_CH 00035		
DFTPP 460-910866/1		8270E SIM					1 mL		
ICIS 460-910866/2		8270E SIM		1 mL					
STD7 460-910866/3 IC		8270E SIM				1 mL			
STD6 460-910866/4 IC		8270E SIM			1 mL				
STD4 460-910866/5 IC		8270E SIM							
STD3 460-910866/6 IC		8270E SIM							
STD2 460-910866/7 IC		8270E SIM							
STD1 460-910866/8 IC		8270E SIM							
ICV 460-910866/9		8270E SIM							

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.: 480-210122-1

SDG No.:

Batch Number: 910866 Batch Start Date: 05/23/23 10:24 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 917200 Batch Start Date: 06/23/23 09:38 Batch Analyst: Shukla, Sameer X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SIM SP 00028
MB 460-917200/1		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-917200/4		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
LCSD 460-917200/5		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
480-210122-B-1	MW-C11-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-2	MW-C12-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-3	MW-C16-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-4	MW-13S-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-5	MW-22S-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-6	MW-23S-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-7	MW-46S-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-A-8	MW-48S-202306	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-210122-B-9	DUP-1	3510C, 8270E SIM	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00026					
MB 460-917200/1		3510C, 8270E SIM		200 uL					
LCS 460-917200/4		3510C, 8270E SIM		20 uL					
LCSD 460-917200/5		3510C, 8270E SIM		20 uL					
480-210122-B-1	MW-C11-202306	3510C, 8270E SIM	T	200 uL					
480-210122-B-2	MW-C12-202306	3510C, 8270E SIM	T	200 uL					
480-210122-A-3	MW-C16-202306	3510C, 8270E SIM	T	200 uL					
480-210122-B-4	MW-13S-202306	3510C, 8270E SIM	T	200 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-210122-1

SDG No.:

Batch Number: 917200 Batch Start Date: 06/23/23 09:38 Batch Analyst: Shukla, Sameer X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00026					
480-210122-A-5	MW-22S-202306	3510C, 8270E SIM	T	200 uL					
480-210122-B-6	MW-23S-202306	3510C, 8270E SIM	T	200 uL					
480-210122-B-7	MW-46S-202306	3510C, 8270E SIM	T	200 uL					
480-210122-A-8	MW-48S-202306	3510C, 8270E SIM	T	200 uL					
480-210122-B-9	DUP-1	3510C, 8270E SIM	T	200 uL					

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	HC-291590
Analyst ID - Extraction	SS
Analyst ID - Spike Analyst	SS
Analyst ID - Spike Witness Analyst	NP
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	862016
Base Used to Adjust pH ID	2212A21
Prep Solvent ID	Methylene Chloride: 2862011
Na2SO4 ID	217726
Analyst ID - Concentration	SS
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 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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-210122-1

SDG No.:

Project: NYSEG - Court Street OMM

Client Sample ID	Lab Sample ID
MW-C11-202306	480-210122-1
MW-C12-202306	480-210122-2
MW-C16-202306	480-210122-3
MW-13S-202306	480-210122-4
MW-22S-202306	480-210122-5
MW-23S-202306	480-210122-6
MW-46S-202306	480-210122-7
MW-48S-202306	480-210122-8
DUP-1	480-210122-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C11-202306 Lab Sample ID: 480-210122-1

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 11:55

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.018	0.010	0.0041	mg/L		B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C12-202306 Lab Sample ID: 480-210122-2

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 13:20

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.018	0.010	0.0041	mg/L		B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C16-202306 Lab Sample ID: 480-210122-3

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 14:25

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.015	0.010	0.0041	mg/L		B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-13S-202306 Lab Sample ID: 480-210122-4

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 16:10

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0088	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-22S-202306 Lab Sample ID: 480-210122-5

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/20/2023 00:00

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.58	0.020	0.0082	mg/L		B	2	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-23S-202306 Lab Sample ID: 480-210122-6

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 17:10

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.014	0.010	0.0041	mg/L		B F1	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-46S-202306 Lab Sample ID: 480-210122-7

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/20/2023 08:40

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0099	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-48S-202306 Lab Sample ID: 480-210122-8

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 18:25

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0091	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-1 Lab Sample ID: 480-210122-9

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG ID.:

Matrix: Water Date Sampled: 06/19/2023 00:00

Reporting Basis: WET Date Received: 06/21/2023 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.021	0.010	0.0041	mg/L		B F1	1	9012B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Analyst: CLT Batch Start Date: 06/27/2023

Reporting Units: mg/L Analytical Batch No.: 674670

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	09:54	Cyanide, Total	0.249	0.250	100	90-110		WC_CN ICV_00110
16	ICB	09:57	Cyanide, Total	0.00840				J	
19	CCV	10:04	Cyanide, Total	0.236	0.250	94	90-110		WC_CN CCV/LCS_00137
20	CCB	10:08	Cyanide, Total	0.00860				J	
31	CCV	10:36	Cyanide, Total	0.240	0.250	96	90-110		WC_CN CCV/LCS_00137
32	CCB	10:40	Cyanide, Total	0.00870				J	
45	CCV	11:14	Cyanide, Total	0.233	0.250	93	90-110		WC_CN CCV/LCS_00137
46	CCB	11:17	Cyanide, Total	0.00860				J	
59	CCV	11:51	Cyanide, Total	0.235	0.250	94	90-110		WC_CN CCV/LCS_00137
60	CCB	11:54	Cyanide, Total	0.00830				J	
73	CCV	12:28	Cyanide, Total	0.235	0.250	94	90-110		WC_CN CCV/LCS_00137
74	CCB	12:32	Cyanide, Total	0.00780				J	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Analyst: DLG Batch Start Date: 06/29/2023

Reporting Units: mg/L Analytical Batch No.: 675032

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	15:58	Cyanide, Total	0.256	0.250	102	90-110		WC_CN ICV_00112
16	ICB	16:01	Cyanide, Total	0.00680				J	
17	CCV	16:04	Cyanide, Total	0.242	0.250	97	90-110		WC_CN CCV/LCS_00141
18	CCB	16:06	Cyanide, Total	0.00710				J	
29	CCV	16:36	Cyanide, Total	0.250	0.250	100	90-110		WC_CN CCV/LCS_00141
30	CCB	16:38	Cyanide, Total	0.00890				J	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 674670 Date: 06/27/2023 10:11							
9012B	MB 480-674670/21	Cyanide, Total	0.00720	J	mg/L	0.010	1
Batch ID: 674670 Date: 06/27/2023 11:25							
9012B	MB 480-674670/49	Cyanide, Total	0.00860	J	mg/L	0.010	1
Batch ID: 675032 Date: 06/29/2023 16:14							
9012B	MB 480-675032/21	Cyanide, Total	0.00620	J	mg/L	0.010	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 674670 Date: 06/27/2023 11:40											
9012B	480-210122-6	Cyanide, Total	0.014		mg/L						B F1
9012B	480-210122-6 MS	Cyanide, Total	0.0975		mg/L	0.100	83	90-110			F1
Batch ID: 674670 Date: 06/27/2023 12:04											
9012B	480-210122-9	Cyanide, Total	0.021		mg/L						B F1
9012B	480-210122-9 MS	Cyanide, Total	0.0997		mg/L	0.100	78	90-110			F1

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 674670 Date: 06/27/2023 11:43											
9012B	480-210122-6 MSD	Cyanide, Total	0.101		mg/L	0.100	87	90-110	3	15	F1

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

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 674670 Date: 06/27/2023 10:15											
						LCS Source: WC_CN CCV/LCS_00137					
9012B	LCS 480-674670/23	Cyanide, Total	0.243		mg/L	0.250	97	90-110			
Batch ID: 674670 Date: 06/27/2023 11:27											
						LCS Source: WC_CN CCV/LCS_00137					
9012B	LCS 480-674670/50	Cyanide, Total	0.242		mg/L	0.250	97	90-110			
Batch ID: 675032 Date: 06/29/2023 16:20											
						LCS Source: WC_CN CCV/LCS_00141					
9012B	LCS 480-675032/23	Cyanide, Total	0.248		mg/L	0.250	99	90-110			

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

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 674670	Date: 06/27/2023 10:13										
						LCS Source: WC_CN 0.400_00113					
9012B	HLCS 480-674670/22	Cyanide, Total	0.393		mg/L	0.400	98	90-110			
Batch ID: 675032	Date: 06/29/2023 16:17										
						LCS Source: WC_CN 0.400_00115					
9012B	HLCS 480-675032/22	Cyanide, Total	0.396		mg/L	0.400	99	90-110			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-210122-1

SDG Number:

Matrix: Water Instrument ID: Skalar_San+

Method: 9012B MDL Date: 09/16/2022 12:49

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cyanide, Total		0.01	0.0041

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-210122-1

SDG Number:

Matrix: Water Instrument ID: Skalar_San+

Method: 9012B XMDL Date: 09/16/2022 12:48

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.0041

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/27/2023 09:14 End Date: 06/27/2023 14:26

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			09:14																				
ZZZZZZ			09:19																				
ZZZZZZ			09:22																				
ZZZZZZ			09:25																				
IC 480-674670/5			09:27	X																			
IC 480-674670/6			09:30	X																			
IC 480-674670/7			09:32	X																			
IC 480-674670/8			09:35	X																			
IC 480-674670/9			09:38	X																			
IC 480-674670/10			09:41	X																			
IC 480-674670/11			09:43	X																			
IC 480-674670/12			09:46	X																			
ZZZZZZ			09:49																				
ZZZZZZ			09:52																				
ICV 480-674670/15	1		09:54	X																			
ICB 480-674670/16	1		09:57	X																			
ZZZZZZ			09:59																				
ZZZZZZ			10:03																				
CCV 480-674670/19	1		10:04	X																			
CCB 480-674670/20	1		10:08	X																			
MB 480-674670/21	1	T	10:11	X																			
HLCS 480-674670/22	1	T	10:13	X																			
LCS 480-674670/23	1	T	10:15	X																			
ZZZZZZ			10:18																				
ZZZZZZ			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:34																				
CCV 480-674670/31	1		10:36	X																			
CCB 480-674670/32	1		10:40	X																			
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ZZZZZZ			10:47																				
ZZZZZZ			10:50																				
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:03																				
ZZZZZZ			11:06																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/27/2023 09:14 End Date: 06/27/2023 14:26

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
480-210122-1	1	T	11:08	X																			
480-210122-2	1	T	11:11	X																			
CCV 480-674670/45	1		11:14	X																			
CCB 480-674670/46	1		11:17	X																			
ZZZZZZ			11:19																				
ZZZZZZ			11:23																				
MB 480-674670/49	1	T	11:25	X																			
LCS 480-674670/50	1	T	11:27	X																			
480-210122-3	1	T	11:30	X																			
480-210122-4	1	T	11:32	X																			
ZZZZZZ			11:35																				
480-210122-6	1	T	11:38	X																			
480-210122-6 MS	1	T	11:40	X																			
480-210122-6 MSD	1	T	11:43	X																			
480-210122-7	1	T	11:46	X																			
480-210122-8	1	T	11:48	X																			
CCV 480-674670/59	1		11:51	X																			
CCB 480-674670/60	1		11:54	X																			
ZZZZZZ			11:56																				
ZZZZZZ			12:00																				
480-210122-9	1	T	12:01	X																			
480-210122-9 MS	1	T	12:04	X																			
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:12																				
ZZZZZZ			12:15																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
CCV 480-674670/73	1		12:28	X																			
CCB 480-674670/74	1		12:32	X																			
ZZZZZZ			12:34																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/27/2023 09:14 End Date: 06/27/2023 14:26

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
CCV 480-674670/87			13:06																				
CCB 480-674670/88			13:09																				
ZZZZZZ			13:11																				
ZZZZZZ			13:15																				
ZZZZZZ			13:16																				
ZZZZZZ			13:19																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
ZZZZZZ			13:27																				
ZZZZZZ			13:30																				
ZZZZZZ			13:32																				
ZZZZZZ			13:35																				
ZZZZZZ			13:38																				
ZZZZZZ			13:40																				
CCV 480-674670/101			13:43																				
CCB 480-674670/102			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:52																				
ZZZZZZ			13:54																				
ZZZZZZ			13:56																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:07																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
CCV 480-674670/113			14:15																				
CCB 480-674670/114			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:24																				
ZZZZZZ			14:26																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/29/2023 15:18 End Date: 06/29/2023 17:53

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			15:18																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:30																				
IC 480-675032/5			15:32	X																			
IC 480-675032/6			15:34	X																			
IC 480-675032/7			15:37	X																			
IC 480-675032/8			15:40	X																			
IC 480-675032/9			15:42	X																			
IC 480-675032/10			15:45	X																			
IC 480-675032/11			15:48	X																			
IC 480-675032/12			15:50	X																			
ZZZZZZ			15:53																				
ZZZZZZ			15:57																				
ICV 480-675032/15	1		15:58	X																			
ICB 480-675032/16	1		16:01	X																			
CCV 480-675032/17	1		16:04	X																			
CCB 480-675032/18	1		16:06	X																			
ZZZZZZ			16:09																				
ZZZZZZ			16:13																				
MB 480-675032/21	1	T	16:14	X																			
HLCS 480-675032/22	1	T	16:17	X																			
LCS 480-675032/23	1	T	16:20	X																			
ZZZZZZ			16:22																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
480-210122-5	2	T	16:33	X																			
CCV 480-675032/29	1		16:36	X																			
CCB 480-675032/30	1		16:38	X																			
ZZZZZZ			16:41																				
ZZZZZZ			16:45																				
ZZZZZZ			16:46																				
ZZZZZZ			16:49																				
ZZZZZZ			16:52																				
ZZZZZZ			16:54																				
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
ZZZZZZ			17:02																				
ZZZZZZ			17:05																				
CCV 480-675032/41			17:08																				
CCB 480-675032/42			17:10																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/29/2023 15:18 End Date: 06/29/2023 17:53

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			17:13																				
ZZZZZZ			17:17																				
ZZZZZZ			17:18																				
ZZZZZZ			17:21																				
ZZZZZZ			17:24																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				
ZZZZZZ			17:37																				
CCV 480-675032/53			17:40																				
CCB 480-675032/54			17:44																				
ZZZZZZ			17:47																				
ZZZZZZ			17:49																				
ZZZZZZ			17:53																				

Prep Types

T = Total/NA

674670

CN Solutions-Skalar:

Distillation Reagent:	**7481094**	**Exp: 07/06/2023**
Diluent	**7509728**	**Exp: 07/27/2023**
Sodium Dihydrogen Phosphate Buffer	**7500391**	**Exp: 07/19/2023**
Pyridine Barbituric Acid –color reagent	**7492601**	**Exp: 07/14/2023**
Chloramine-T Solution	**7492605**	**Exp: 07/14/2023**
Sodium hydroxide solution	**7492603**	**Exp: 07/14/2023**
Digestion reagent	**7476605**	**Exp: 07/01/2023**
1M Sodium Hydroxide	**7509726**	**Exp: 07/27/2023**
50ppm INT STD	**7509730**	**Exp: 07/04//2023**
CN.25ppm CCV/LCS Std	**7509898**	**Exp: 06/28/2023**
50ppm INT 2nd source STD	**7509731**	**Exp: 07/04/2023**
0.400mg/L HLCS	**7509899**	**Exp: 06/28/2023**
0.100mg/L	**7509914**	**Exp: 06/28/2023**
0.01 mg/L CCVL	**7509915**	**Exp: 06/28/2023**
10ppm Complex-MS/MSD	**7509732**	**Exp: 07/04/2023**

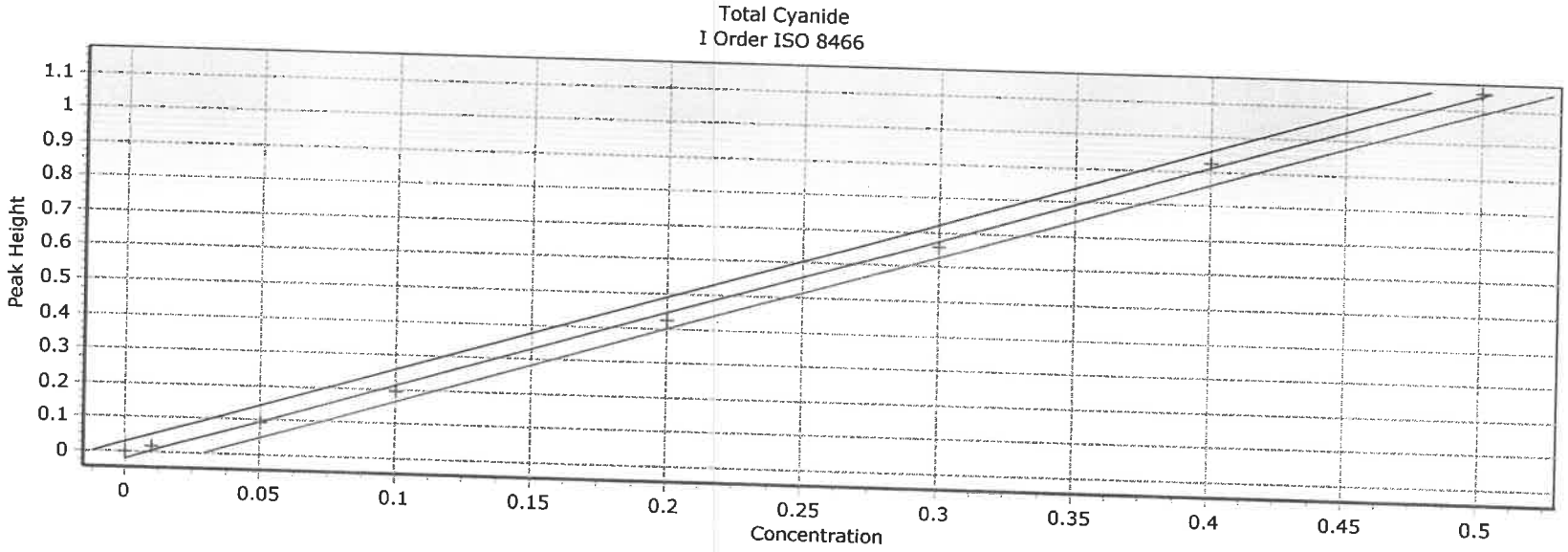
LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7509730
ICV (0.250 ppm): 7509897 Exp: 06/28/2023

674670

FlowAccessV3

Date:2023-06-27 15:52:31



a = -0.02105044707913 b = 2.32034497185707 RSD = 0.01764469737113

r = 0.99930234885328 R2 = 0.99860518442369 Detection Limit = 0.0167052784884765 Determination Li

Run Name : TABUF20230627A1CN06272023, Run Db Ref : TABUF20230627A1

User Name : Administrator Operator Name : Administrator

674670

FlowAccessV3 Results Report

Run Name : TABUF20230627A1CN06272023B, Run Database Ref : TABUF20230627A1
DateTime :2023-06-27 09:00:47
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
1	IW	IW	InitialWash		1.0000	0.0091	0.0000	2023-06-27 09:14:00	0.0091
2	A1	T	Tracer		1.0000	0.4972	1.1327	2023-06-27 09:19:00	0.4972
3	A1	D	Drift		1.0000	0.5018	1.1434	2023-06-27 09:22:00	0.5018
4	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 09:25:00	0.0091
5	A2	S1	0		1.0000	0.0087	-0.0009	2023-06-27 09:27:00	0.0087
6	A3	S2	0.01		1.0000	0.0151	0.0140	2023-06-27 09:30:00	0.0151
7	A4	S3	0.05		1.0000	0.0494	0.0936	2023-06-27 09:32:00	0.0494
8	A5	S4	0.1		1.0000	0.0922	0.1929	2023-06-27 09:35:00	0.0922
9	A6	S5	0.2		1.0000	0.1905	0.4210	2023-06-27 09:38:00	0.1905
10	A7	S6	0.3		1.0000	0.2937	0.6605	2023-06-27 09:41:00	0.2937
11	A8	S7	0.4		1.0000	0.4063	0.9216	2023-06-27 09:43:00	0.4063
12	A9	S8	0.5		1.0000	0.5041	1.1485	2023-06-27 09:46:00	0.5041
13	A1	D	Drift		1.0000	0.5060	1.1531	2023-06-27 09:49:00	0.5060
14	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 09:52:00	0.0091
15	A10	ICV	ICV		1.0000	0.2494	0.5576	2023-06-27 09:54:00	0.2494
16	A11	ICB	ICB		1.0000	0.0084	-0.0015	2023-06-27 09:57:00	0.0084
17	A12	D	Drift		1.0000	0.4946	1.1265	2023-06-27 09:59:00	0.4946
18	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 10:03:00	0.0091
19	A13	CCV	CCV		1.0000	0.2355	0.5255	2023-06-27 10:04:00	0.2355
20	A14	CCB	CCB		1.0000	0.0086	-0.0010	2023-06-27 10:08:00	0.0086
21	A15	B	MB		1.0000	0.0072	-0.0044	2023-06-27 10:11:00	0.0072
22	A16	LCS	HLCS		1.0000	0.3929	0.8905	2023-06-27 10:13:00	0.3929
23	A17	LCS	LCS		1.0000	0.2434	0.5437	2023-06-27 10:15:00	0.2434
24	A18	CCV	CCVL		1.0000	0.0191	0.0232	2023-06-27 10:18:00	0.0191
25	A19	U	480-210008-D-1		1.0000	0.0869	0.1806	2023-06-27 10:21:00	0.0869
26	A20	U	480-210065-D-16		1.0000	0.0098	0.0016	2023-06-27 10:23:00	0.0098
27	A21	U	MS 480-210065-D-1(		1.0000	0.0971	0.2042	2023-06-27 10:26:00	0.0971

DateTime :2023-06-27 15:53:19

Run Name : TABUF20230627A1CN06272023B, Run Database Ref : TABUF20230627A1
DateTime :2023-06-27 09:00:47
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
28	A22	U	480-210065-D-19		1.0000	0.0082	-0.0020	2023-06-27 10:28:00	0.0082
29	A23	U	480-210065-D-20		1.0000	0.0077	-0.0031	2023-06-27 10:31:00	0.0077
30	A24	U	480-210110-I-1		1.0000	0.0075	-0.0037	2023-06-27 10:34:00	0.0075
31	A25	CCV	CCV		1.0000	0.2399	0.5355	2023-06-27 10:36:00	0.2399
32	A26	CCB	CCB		1.0000	0.0087	-0.0008	2023-06-27 10:40:00	0.0087
33	A27	D	DRIFT		1.0000	0.5055	1.1518	2023-06-27 10:42:00	0.5055
34	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 10:45:00	0.0091
35	A28	U	480-210110-I-2		1.0000	0.0092	0.0003	2023-06-27 10:47:00	0.0092
36	A29	U	DU 480-210110-I-2		1.0000	0.0083	-0.0019	2023-06-27 10:50:00	0.0083
37	A30	U	MS 480-210110-I-2		1.0000	0.0918	0.1919	2023-06-27 10:52:00	0.0918
38	A31	U	480-210110-I-3		1.0000	0.0089	-0.0004	2023-06-27 10:55:00	0.0089
39	A32	U	480-210110-I-4		1.0000	0.0082	-0.0020	2023-06-27 10:58:00	0.0082
40	A33	U	480-210110-I-5		1.0000	0.0076	-0.0035	2023-06-27 11:00:00	0.0076
41	A34	U	480-210110-I-6		1.0000	0.0075	-0.0036	2023-06-27 11:03:00	0.0075
42	A35	U	480-210110-I-7		1.0000	0.0076	-0.0035	2023-06-27 11:06:00	0.0076
43	A36	U	480-210122-C-1		1.0000	0.0177	0.0201	2023-06-27 11:08:00	0.0177
44	A37	U	480-210122-C-2		1.0000	0.0175	0.0195	2023-06-27 11:11:00	0.0175
45	A38	CCV	CCV		1.0000	0.2334	0.5205	2023-06-27 11:14:00	0.2334
46	A39	CCB	CCB		1.0000	0.0086	-0.0011	2023-06-27 11:17:00	0.0086
47	A40	D	Drift		1.0000	0.5047	1.1500	2023-06-27 11:19:00	0.5047
48	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 11:23:00	0.0091
49	A41	B	MB		1.0000	0.0086	-0.0011	2023-06-27 11:25:00	0.0086
50	A42	LCS	LCS		1.0000	0.2424	0.5415	2023-06-27 11:27:00	0.2424
51	A43	U	480-210122-C-3		1.0000	0.0152	0.0142	2023-06-27 11:30:00	0.0152
52	A44	U	480-210122-C-4		1.0000	0.0088	-0.0006	2023-06-27 11:32:00	0.0088
53	A45	U	480-210122-C-5		1.0000	0.6274	1.4348	2023-06-27 11:35:00	0.6274
54	A46	U	480-210122-C-6		1.0000	0.0142	0.0119	2023-06-27 11:38:00	0.0142

DateTime :2023-06-27 15:53:19

Run Name : TABUF20230627A1CN06272023B, Run Database Ref : TABUF20230627A1
DateTime :2023-06-27 09:00:47
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/LCN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
55	A47	U	480-210122-C-6 MS		1.0000	0.0975	0.2052	2023-06-27 11:40:00	0.0975
56	A48	U	480-210122-C-6 MSI		1.0000	0.1009	0.2132	2023-06-27 11:43:00	0.1009
57	A49	U	480-210122-C-7		1.0000	0.0099	0.0020	2023-06-27 11:46:00	0.0099
58	A50	U	480-210122-C-8		1.0000	0.0091	0.0000	2023-06-27 11:48:00	0.0091
59	A51	CCV	CCV		1.0000	0.2349	0.5239	2023-06-27 11:51:00	0.2349
60	A52	CCB	CCB		1.0000	0.0083	-0.0018	2023-06-27 11:54:00	0.0083
61	A53	D	Drift		1.0000	0.4634	1.0541	2023-06-27 11:56:00	0.4634
62	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 12:00:00	0.0091
63	A54	U	480-210122-C-9		1.0000	0.0213	0.0283	2023-06-27 12:01:00	0.0213
64	A55	U	MS 480-210122-C-9		1.0000	0.0997	0.2104	2023-06-27 12:04:00	0.0997
65	A56	U	480-210157-G-1		1.0000	0.0081	-0.0022	2023-06-27 12:07:00	0.0081
66	A57	U	480-210157-G-2		1.0000	0.0068	-0.0052	2023-06-27 12:10:00	0.0068
67	A58	U	480-210157-G-3		1.0000	0.0067	-0.0055	2023-06-27 12:12:00	0.0067
68	A59	U	480-210157-G-4		1.0000	0.0069	-0.0051	2023-06-27 12:15:00	0.0069
69	A60	U	480-210157-G-5		1.0000	0.0067	-0.0056	2023-06-27 12:18:00	0.0067
70	B1	U	480-210157-G-6		1.0000	0.0067	-0.0054	2023-06-27 12:20:00	0.0067
71	B2	U	480-210157-G-7		1.0000	0.0069	-0.0050	2023-06-27 12:23:00	0.0069
72	B3	U	480-210157-G-8		1.0000	0.0069	-0.0051	2023-06-27 12:26:00	0.0069
73	B4	CCV	CCV		1.0000	0.2351	0.5245	2023-06-27 12:28:00	0.2351
74	B5	CCV	CCB		1.0000	0.0078	-0.0029	2023-06-27 12:32:00	0.0078
75	B6	D	Drift		1.0000	0.4899	1.1156	2023-06-27 12:34:00	0.4899
76	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 12:37:00	0.0091
77	B7	B	MB		1.0000	0.0091	0.0000	2023-06-27 12:40:00	0.0091
78	B8	LCS	LCS		1.0000	0.2367	0.5281	2023-06-27 12:42:00	0.2367
79	B9	U	480-210157-G-9		1.0000	0.0109	0.0042	2023-06-27 12:44:00	0.0109
80	B10	U	MS 480-210157-G-9		1.0000	0.0924	0.1934	2023-06-27 12:47:00	0.0924
81	B11	U	480-210157-G-10		1.0000	0.0093	0.0005	2023-06-27 12:50:00	0.0093

FlowAccessV3 Results Report

Run Name : TABUF20230627A1CN06272023B, Run Database Ref : TABUF20230627A1
DateTime :2023-06-27 09:00:47
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
82	B12	U	480-210157-G-11		1.0000	0.0072	-0.0042	2023-06-27 12:52:00	0.0072
83	B13	U	480-210157-G-12		1.0000	0.0071	-0.0045	2023-06-27 12:55:00	0.0071
84	B14	U	480-210157-G-13		1.0000	0.0071	-0.0046	2023-06-27 12:58:00	0.0071
85	B15	U	480-210177-B-1		1.0000	0.0269	0.0414	2023-06-27 13:01:00	0.0269
86	B16	U	480-210189-A-2		1.0000	0.0703	0.1420	2023-06-27 13:03:00	0.0703
87	B17	CCV	CCV		1.0000	0.2422	0.5410	2023-06-27 13:06:00	0.2422
88	B18	CCB	CCB		1.0000	0.0098	0.0018	2023-06-27 13:09:00	0.0098
89	B19	D	Drift		1.0000	0.4984	1.1353	2023-06-27 13:11:00	0.4984
90	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 13:15:00	0.0091
91	B20	U	480-210189-A-4		1.0000	0.0742	0.1510	2023-06-27 13:16:00	0.0742
92	B21	U	480-210192-A-2		1.0000	0.0120	0.0068	2023-06-27 13:19:00	0.0120
93	B22	U	DU 480-210192-A-2		1.0000	0.0115	0.0057	2023-06-27 13:22:00	0.0115
94	B23	U	MS 480-210192-A-2		1.0000	0.0970	0.2039	2023-06-27 13:24:00	0.0970
95	B24	U	480-210194-T-1		1.0000	0.0194	0.0240	2023-06-27 13:27:00	0.0194
96	B25	U	480-210194-T-2		1.0000	0.0103	0.0029	2023-06-27 13:30:00	0.0103
97	B26	U	480-210194-T-3		1.0000	0.0110	0.0045	2023-06-27 13:32:00	0.0110
98	B27	U	480-210200-C-1		1.0000	0.0086	-0.0011	2023-06-27 13:35:00	0.0086
99	B28	U	480-210231-B-1		1.0000	0.4336	0.9849	2023-06-27 13:38:00	0.4336
100	B29	U	480-210240-C-1		1.0000	0.0141	0.0118	2023-06-27 13:40:00	0.0141
101	B30	CCV	CCV		1.0000	0.2336	0.5210	2023-06-27 13:43:00	0.2336
102	B31	CCB	CCB		1.0000	0.0099	0.0018	2023-06-27 13:46:00	0.0099
103	B32	D	Drift		1.0000	0.4871	1.1091	2023-06-27 13:48:00	0.4871
104	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 13:52:00	0.0091
105	B33	B	MB		1.0000	0.0098	0.0017	2023-06-27 13:54:00	0.0098
106	B34	LCS	LCS		1.0000	0.2442	0.5456	2023-06-27 13:56:00	0.2442
107	B35	U	480-210240-C-2		1.0000	0.0113	0.0052	2023-06-27 13:59:00	0.0113
108	B36	U	DU 480-210240-C-2		1.0000	0.0085	-0.0012	2023-06-27 14:02:00	0.0085

DateTime :2023-06-27 15:53:19

FlowAccessV3 Results Report

Run Name : TABUF20230627A1CN06272023B, Run Database Ref : TABUF20230627A1
DateTime :2023-06-27 09:00:47
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/LCN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
109	B37	U	MS 480-210240-C-2		1.0000	0.0838	0.1734	2023-06-27 14:04:00	0.0838
110	B38	U	480-210240-C-3		1.0000	0.0100	0.0022	2023-06-27 14:07:00	0.0100
111	B39	U	480-210240-C-4		1.0000	0.0084	-0.0017	2023-06-27 14:10:00	0.0084
112	B40	U	480-210240-C-5		1.0000	0.0084	-0.0015	2023-06-27 14:12:00	0.0084
113	B43	CCV	CCV		1.0000	0.2364	0.5275	2023-06-27 14:15:00	0.2364
114	B44	CCB	CCB		1.0000	0.0093	0.0004	2023-06-27 14:18:00	0.0093
115	B45	D	Drift		1.0000	0.4864	1.1076	2023-06-27 14:20:00	0.4864
116	WT	W	Wash		1.0000	0.0091	0.0000	2023-06-27 14:24:00	0.0091
117	E	E	EndRun		1.0000	0.0091	0.0000	2023-06-27 14:26:00	0.0091

DateTime :2023-06-27 15:53:19

Historical Data Summary Report

For Batch 674670

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits	
480-210008-D-1	LMP01	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.087	☑	0 - 0.078	☑	0 - 0.067	leachate
480-210065-D-19	FIELD BLANK	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210065-D-20	EL-GWMW9D-01	335.4_NP	Cyanide, Total	Total/NA	mg/L	2	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210110-I-1	14300 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210110-I-2	15134 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210110-I-3	15555 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210110-I-4	17706 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210110-I-5	18819 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.015	☐	0 - 0.016	
480-210110-I-6	19379 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.017	☐	0 - 0.018	
480-210110-I-7	19389 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-1	14092 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-10	17970 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-11	19400 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-12	19470 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-13	19560 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-2	14117 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.013	☐	0 - 0.014	
480-210157-G-3	14195 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-4	14215 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.023	☐	0 - 0.025	
480-210157-G-5	14305 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.015	☐	0 - 0.016	
480-210157-G-6	14776 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-7	14898 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.013	☐	0 - 0.014	
480-210157-G-8	15076 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210157-G-9	15312 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0	
480-210177-B-1	MLLA2/GASCOND	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.011	☑	0 - 0	☑	0 - 0	Re
480-210194-T-1	PH 1 2 3	9012B_NP	Cyanide, Total	Total/NA	mg/L	3	1.0000	0.027	☐	0 - 0.037	☑	0.006 - 0.008	OK
480-210194-T-2	PH 4	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.019	☑	0 - 0.019	☑	0 - 0.016	OK
480-210194-T-3	PH 5	9012B_NP	Cyanide, Total	Total/NA	mg/L	3	1.0000	0.010	☐	0 - 0.023	☑	0.006 - 0.009	OK
						3	1.0000	0.011	☐	0 - 0.021	☑	0.003 - 0.005	OK

675032

CN Solutions-Skalar:

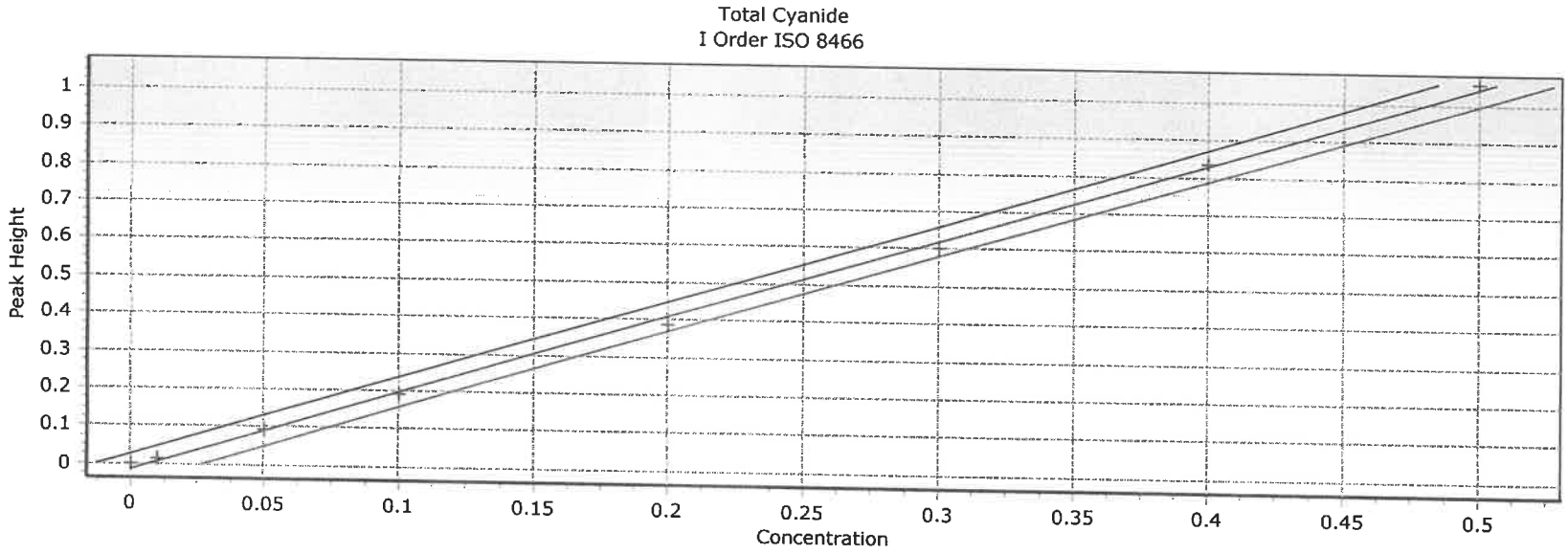
Distillation Reagent:	**7481094**	**Exp: 07/06/2023**
Diluent	**7509728**	**Exp: 07/27/2023**
Sodium Dihydrogen Phosphate Buffer	**7500391**	**Exp: 07/19/2023**
Pyridine Barbituric Acid –color reagent	**7492601**	**Exp: 07/14/2023**
Chloramine-T Solution	**7492605**	**Exp: 07/14/2023**
Sodium hydroxide solution	**7492603**	**Exp: 07/14/2023**
Digestion reagent	**7476605**	**Exp: 07/01/2023**
1M Sodium Hydroxide	**7509726**	**Exp: 07/27/2023**
50ppm INT STD	**7509730**	**Exp: 07/04//2023**
CN.25ppm CCV/LCS Std	**7514003**	**Exp: 06/30/2023**
50ppm INT 2nd source STD	**7509731**	**Exp: 07/04/2023**
0.400mg/L HLCS	**7514004**	**Exp: 06/30/2023**
0.100mg/L	**7514005**	**Exp: 06/30/2023**
0.01 mg/L CCVL	**7514006**	**Exp: 06/29/2023**
10ppm Complex-MS/MSD	**7509732**	**Exp: 07/04/2023**

LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7509730
ICV (0.250 ppm): 7514007 Exp: 06/30/2023

FlowAccessV3

Date:2023-06-30 09:05:09



a = -0.01458777133040 b = 2.11013804993287 RSD = 0.01495119532742

r = 0.99939423385833 R2 = 0.99878883466929 Detection Limit = 0.0155652861794433 Determination Li

Run Name : TABUF20230629A2CN06292023, Run Db Ref : TABUF20230629A2

User Name : Administrator Operator Name : Administrator

FlowAccessV3 Results Report

Run Name : TABUF20230629A2CN06292023A, Run Database Ref : TABUF20230629A2
DateTime :2023-06-29 15:04:58
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide-	Total Cyanide-RawResults
1	IW	IW	InitialWash		1.0000	0.0069	0.0000	2023-06-29 15:18:00	0.0069
2	A1	T	Tracer		1.0000	0.5009	1.0423	2023-06-29 15:24:00	0.5009
3	A1	D	Drift		1.0000	0.5227	1.0883	2023-06-29 15:26:00	0.5227
4	WT	W	Wash		1.0000	0.0069	0.0000	2023-06-29 15:30:00	0.0069
5	A2	S1	0		1.0000	0.0067	-0.0004	2023-06-29 15:32:00	0.0067
6	A3	S2	0.01		1.0000	0.0139	0.0147	2023-06-29 15:34:00	0.0139
7	A4	S3	0.05		1.0000	0.0508	0.0925	2023-06-29 15:37:00	0.0508
8	A5	S4	0.1		1.0000	0.0971	0.1903	2023-06-29 15:40:00	0.0971
9	A6	S5	0.2		1.0000	0.1895	0.3852	2023-06-29 15:42:00	0.1895
10	A7	S6	0.3		1.0000	0.2920	0.6016	2023-06-29 15:45:00	0.2920
11	A8	S7	0.4		1.0000	0.4032	0.8363	2023-06-29 15:48:00	0.4032
12	A9	S8	0.5		1.0000	0.5068	1.0549	2023-06-29 15:50:00	0.5068
13	A10	D	Drift		1.0000	0.5767	1.2024	2023-06-29 15:53:00	0.5767
14	WT	W	Wash		1.0000	0.0069	0.0000	2023-06-29 15:57:00	0.0069
15	A11	ICV	ICV		1.0000	0.2561	0.5258	2023-06-29 15:58:00	0.2561
16	A12	ICB	ICB		1.0000	0.0068	-0.0002	2023-06-29 16:01:00	0.0068
17	A13	CCV	CCV		1.0000	0.2423	0.4968	2023-06-29 16:04:00	0.2423
18	A14	CCB	CCB		1.0000	0.0071	0.0004	2023-06-29 16:06:00	0.0071
19	A15	D	Drift		1.0000	0.5588	1.1645	2023-06-29 16:09:00	0.5588
20	WT	W	Wash		1.0000	0.0069	0.0000	2023-06-29 16:13:00	0.0069
21	A16	B	MB		1.0000	0.0062	-0.0016	2023-06-29 16:14:00	0.0062
22	A17	LCS	HLCS		1.0000	0.3958	0.8207	2023-06-29 16:17:00	0.3958
23	A18	LCS	LCS		1.0000	0.2483	0.5094	2023-06-29 16:20:00	0.2483
24	A19	CCV	CCVL		1.0000	0.0175	0.0223	2023-06-29 16:22:00	0.0175
25	A20	U	480-210154-y-1		1.0000	0.0121	0.0109	2023-06-29 16:25:00	0.0121
26	A21	U	DU 480-210154-y-1		1.0000	0.0122	0.0112	2023-06-29 16:28:00	0.0122
27	A22	U	MS 480-210154-y-1		1.0000	0.1058	0.2087	2023-06-29 16:30:00	0.1058

DateTime :2023-06-30 09:06:14

Run Name : TABUF20230629A2CN06292023A, Run Database Ref : TABUF20230629A2
DateTime :2023-06-29 15:04:58
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide-	Total Cyanide-RawResults
28	A23	U	480-210122-c-5		2.0000	0.5826	0.6001	2023-06-29 16:33:00	0.2913
29	A24	CCV	CCV		1.0000	0.2501	0.5132	2023-06-29 16:36:00	0.2501
30	A25	CCB	CCB		1.0000	0.0089	0.0043	2023-06-29 16:38:00	0.0089
31	A26	D	DRIFT		1.0000	0.5326	1.1093	2023-06-29 16:41:00	0.5326
32	WT	W	WASH		1.0000	0.0069	0.0000	2023-06-29 16:45:00	0.0069
33	A27	U	480-210157-g-9		1.0000	0.0113	0.0093	2023-06-29 16:46:00	0.0113
34	A28	U	MS480-210157-g-9		1.0000	0.1004	0.1972	2023-06-29 16:49:00	0.1004
35	A29	U	480-210296-h-1		1.0000	0.0105	0.0076	2023-06-29 16:52:00	0.0105
36	A30	U	480-210298-i-1		1.0000	0.1094	0.2162	2023-06-29 16:54:00	0.1094
37	A31	U	480-210347-h-1		1.0000	0.0810	0.1564	2023-06-29 16:57:00	0.0810
38	A32	U	480-210347-h-2		1.0000	0.0110	0.0087	2023-06-29 16:59:00	0.0110
39	A33	U	620-12382-g-3		1.0000	0.0161	0.0194	2023-06-29 17:02:00	0.0161
40	A34	U	620-12417-g-3		1.0000	0.0120	0.0107	2023-06-29 17:05:00	0.0120
41	A35	CCV	CCV		1.0000	0.2512	0.5155	2023-06-29 17:08:00	0.2512
42	A36	CCB	CCB		1.0000	0.0082	0.0028	2023-06-29 17:10:00	0.0082
43	A37	D	DRIFT		1.0000	0.5468	1.1392	2023-06-29 17:13:00	0.5468
44	WT	W	Wash		1.0000	0.0069	0.0000	2023-06-29 17:17:00	0.0069
45	A38	B	MB		1.0000	0.0088	0.0039	2023-06-29 17:18:00	0.0088
46	A39	LCS	LCS		1.0000	0.2523	0.5178	2023-06-29 17:21:00	0.2523
47	A40	LCS	LCSD		1.0000	0.2633	0.5410	2023-06-29 17:24:00	0.2633
48	A41	U	620-12423-m-1		1.0000	0.0114	0.0094	2023-06-29 17:26:00	0.0114
49	A42	U	620-12423-m-2		1.0000	0.0091	0.0046	2023-06-29 17:29:00	0.0091
50	A43	U	620-12423-m-3		1.0000	0.0070	0.0003	2023-06-29 17:32:00	0.0070
51	A44	U	620-12423-m-3 DU		1.0000	0.0069	-0.0001	2023-06-29 17:35:00	0.0069
52	A45	U	620-12423-m-3 MS		1.0000	0.1031	0.2030	2023-06-29 17:37:00	0.1031
53	A46	CCV	CCV		1.0000	0.2556	0.5248	2023-06-29 17:40:00	0.2556
54	A47	CCB	CCB		1.0000	0.0081	0.0026	2023-06-29 17:44:00	0.0081

FlowAccessV3 Results Report

Run Name : TABUF20230629A2CN06292023A, Run Database Ref : TABUF20230629A2
DateTime :2023-06-29 15:04:58
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide-	Total Cyanide-RawResults
55	A48	D	DRIFT		1.0000	0.5467	1.1390	2023-06-29 17:47:00	0.5467
56	WT	W	WASH		1.0000	0.0069	0.0000	2023-06-29 17:49:00	0.0069
57	E	E	EndRun		1.0000	0.0069	0.0000	2023-06-29 17:53:00	0.0069

Historical Data Summary Report

For Batch 675032

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits
480-210157-G-9	15312 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.011	☑	0 - 0	☑	0 - 0
480-210298-I-1	Primary	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.11	☑	0 - 0.047	☑	0 - 0.046
480-210347-H-1	CELL J Primary	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.081	☑	0 - 0.047	☑	0 - 0.046

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 674670 Batch Start Date: 06/27/23 09:14 Batch Analyst: Thomas, Christine L

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	10ppm CN MS 00327	WC_CN 0.400 00113	WC_CN CCV/LCS 00137	WC_CN ICV 00110
ICV 480-674670/15		9012B		10 mL	10 mL				# mL
ICB 480-674670/16		9012B		10 mL	10 mL				
CCV 480-674670/19		9012B		10 mL	10 mL			# mL	
CCB 480-674670/20		9012B		10 mL	10 mL				
MB 480-674670/21		9012B		10 mL	10 mL				
HLCS 480-674670/22		9012B		10 mL	10 mL		# mL		
LCS 480-674670/23		9012B		10 mL	10 mL			# mL	
CCV 480-674670/31		9012B		10 mL	10 mL			# mL	
CCB 480-674670/32		9012B		10 mL	10 mL				
480-210122-C-1	MW-C11-202306	9012B	T	10 mL	10 mL				
480-210122-C-2	MW-C12-202306	9012B	T	10 mL	10 mL				
CCV 480-674670/45		9012B		10 mL	10 mL			# mL	
CCB 480-674670/46		9012B		10 mL	10 mL				
MB 480-674670/49		9012B		10 mL	10 mL				
LCS 480-674670/50		9012B		10 mL	10 mL			# mL	
480-210122-C-3	MW-C16-202306	9012B	T	10 mL	10 mL				
480-210122-C-4	MW-13S-202306	9012B	T	10 mL	10 mL				
480-210122-C-6	MW-23S-202306	9012B	T	10 mL	10 mL				
480-210122-C-6 MS	MW-23S-202306	9012B	T	10 mL	10 mL	100 uL			
480-210122-C-6 MSD	MW-23S-202306	9012B	T	10 mL	10 mL	100 uL			
480-210122-C-7	MW-46S-202306	9012B	T	10 mL	10 mL				
480-210122-C-8	MW-48S-202306	9012B	T	10 mL	10 mL				
CCV 480-674670/59		9012B		10 mL	10 mL			# mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 674670 Batch Start Date: 06/27/23 09:14 Batch Analyst: Thomas, Christine L

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	10ppm CN MS 00327	WC_CN 0.400 00113	WC_CN CCV/LCS 00137	WC_CN ICV 00110
CCB 480-674670/60		9012B		10 mL	10 mL				
480-210122-C-9	DUP-1	9012B	T	10 mL	10 mL				
480-210122-C-9 MS	DUP-1	9012B	T	10 mL	10 mL	100 uL			
CCV 480-674670/73		9012B		10 mL	10 mL			# mL	
CCB 480-674670/74		9012B		10 mL	10 mL				

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-210122-1

SDG No.:

Batch Number: 675032 Batch Start Date: 06/29/23 15:18 Batch Analyst: Giglia, Denise L

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC_CN 0.400 00115	WC_CN CCV/LCS 00141	WC_CN ICV 00112	
ICV 480-675032/15		9012B		10 mL	10 mL			10 mL	
ICB 480-675032/16		9012B		10 mL	10 mL				
CCV 480-675032/17		9012B		10 mL	10 mL		10 mL		
CCB 480-675032/18		9012B		10 mL	10 mL				
MB 480-675032/21		9012B		10 mL	10 mL				
HLCS 480-675032/22		9012B		10 mL	10 mL	10 mL			
LCS 480-675032/23		9012B		10 mL	10 mL		10 mL		
480-210122-C-5	MW-22S-202306	9012B	T	10 mL	10 mL				
CCV 480-675032/29		9012B		10 mL	10 mL		10 mL		
CCB 480-675032/30		9012B		10 mL	10 mL				

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.

Subcontract Data

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins Environment Testing

Client Information	Sampler: Gunther J. Schnorr	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-186044-39287.1
Client Contact: Mr. Gunther Schnorr	Phone: 315.558.1590	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: D&B Engineers and Architects, P.C.	PWSID:			Job #: 5811
Address: 5879 Fisher Road PO BOX 56	Due Date Requested:			
City: East Syracuse	TAT Requested (days): Standard TAT			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone: 315-437-1142(Tel)	PO #: Purchase Order Requested			
Email: gschnorr@db-eng.com	WO #:			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

480-210122 Chain of Custody

e-mail results to:
labdata@db-eng.com
gschnorr@db-eng.com

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E, 8270E_SIM	8260C - BTEX	9012B - Cyanide	Total Num	Special Instructions/Note:
			Preservation Code:				N	A	B		
MW-C11_202306	6/19/23	1155	G	Water	N	N	X	X	X	6	
MW-C12_202306	6/19/23	1320		Water		N				6	
MW-C16_202306	6/19/23	1425		Water		N				6	
MW-13S_202306	6/19/23	1610		Water		N				6	
MW-22S_202306	6/20/23			Water		N				6	
MW-23S_202306	6/19/23	1710		Water		Y				6	MS/MSD
MW-46S_202306	6/20/23	0840		Water		N				6	
MW-48S_202306	6/19/23	1825		Water		N				6	
DUP-1	6/23	0000		Water		N				6	
Trip Blanks				Water						2	
				Water							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) ASP CAT B, Level 4 Report

Special Instructions/QC Requirements: 8270E-SIM - Only Report 7 analytes requested.

	Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 6/20/23 1735	Company: D&B	Received by:	Date/Time: 6/20/23 1735 Company: FedEx
Relinquished by:	Date/Time: 6.20.23, 1900	Company: FedEx	Received by:	Date/Time: 6/21/23 1000 Company: TAS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 2.1, 2.9

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-81271 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Environment Testing Northeast,		Accreditations Required (See note): NELAP New York		Job #: 480-210122-1
Address: 777 New Durham Road,	Due Date Requested: 7/5/2023			
City: Edison	TAT Requested (days):			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J Di Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-C11-202306 (480-210122-1)	6/19/23	11:55 Eastern		Water			X	X	2	
MW-C12-202306 (480-210122-2)	6/19/23	13:20 Eastern		Water			X	X	2	
MW-C16-202306 (480-210122-3)	6/19/23	14:25 Eastern		Water			X	X	2	
MW-13S-202306 (480-210122-4)	6/19/23	16:10 Eastern		Water			X	X	2	
MW-22S-202306 (480-210122-5)	6/20/23	Eastern		Water			X	X	2	
MW-23S-202306 (480-210122-6)	6/19/23	17:10 Eastern		Water			X	X	2	
MW-23S-202306 (480-210122-6MS)	6/19/23	17:10 Eastern	MS	Water			X	X	2	
MW-23S-202306 (480-210122-6MSD)	6/19/23	17:10 Eastern	MSD	Water			X	X	2	
MW-46S-202306 (480-210122-7)	6/20/23	08:40 Eastern		Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory *does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided.* Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II III IV Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex			
Relinquished by:	Date/Time: 6/21/23 1600	Company: TAB	Received by:	Date/Time: 6/22/23 1030	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No. 2199582 | Cooler Temperature(s) °C and Other Remarks:

IR19 1.1C 11.1C IR19 1.5C 11.5C

Ver: 06/08/2021

Page 1120 of 1123

7/12/2023 10:47 AM

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-81271.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Environment Testing Northeast,		Accreditations Required (See note): NELAP New York		Job #: 480-210122-1
Address: 777 New Durham Road,	Due Date Requested: 7/5/2023			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O - AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-48S-202306 (480-210122-8)	6/19/23	18:25 Eastern		Water			X	X	2	
DUP-1 (480-210122-9)	6/19/23	Eastern		Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/21/23 1600	TAB	[signature]	6/22/23 1030	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No. 2199582	Cooler Temperature(s) °C and Other Remarks:

IR19 1-1c 11.1c 1.5c 11.5c

Ver 06/08/2021

7/12/2023 10:47 AM

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-210122-1

Login Number: 210122
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	D+B
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-210122-1

Login Number: 210122
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 06/22/23 12:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT C

Data Usability Summary Report

DUSR

The June 2023 sampling event for Ithaca Court Street Site included the collection of 8 groundwater, one field duplicated and one trip blank. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by method 8260C; semi volatile organic compounds (SVOCs) by methods 8270E and 8270E SIM; and cyanide by method 9014. Laboratory analyses were performed by Eurofins Environment Testing, Amherst, NY. All analyses were performed in accordance with United States Environmental Protection Agency (USEPA) SW-846.

The data package, 480-210122, was validated and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of Organic Data Review, November 2020 or USEPA National Functional Guidelines of Inorganic Data Review, November 2020, method performance criteria, and D&B Engineers and Architects, P.C. professional judgment. The qualification of data discussed within this data validation checklist, presented in **Appendix B.**

The findings of the validation process are presented below.

- The percent recoveries (%Rs) were below the QC limit in the MS for acenaphthene, anthracene, chrysene, fluoranthene, fluorene, and phenanthrene associated with all samples. They were qualified as estimated (J/UJ) in all samples.
- The %R was above the QC limit in the MSD for naphthalene associated with all samples. Naphthalene was qualified as estimated (J) in samples MW-46S and MW-48S.
- Cyanide was detected in the method blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S. The B qualifier was removed from the cyanide result in samples MW-22S.
- The %Rs were below the QC limits in the MSs for cyanide. It was qualified as estimated (J/UJ) in all samples.

Based on the findings of the data validation process, all results are deemed valid and usable for environmental assessment purposes as qualified above.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION CHECKLIST

Project Name:	Ithaca Court Street
Project Number:	5811-03B
Sample Date(s):	June 19 & 20, 2023
Sample Team:	Gunther Schnorr
Matrix/Number of Samples:	Water/ 8 Field Duplicates/ 1 Trip Blanks / 1 Field Blanks/ 0
Analyzing Laboratory:	Eurofins Environment Testing, Amherst, NY
Analyses:	Volatile Organic Compounds (VOCs): BTEX by SW846 8260C Semi Volatile Organic Compounds (SVOCs): by SW846 8270E and 8270E SIM General Chemistry: Cyanide (USEPA 9014)
Laboratory Report No:	480-210122 Date: 7/12/2023

ANALYTICAL DATA PACKLAGE DOCUMENTATION GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of Organic Data Review, November 2020 or USEPA National Functional Guidelines of Inorganic Data Review, November 2020, method performance criteria, and D&B Engineers and Architects, P.C. professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

D&B ENGINEERS AND ARCHITECTS

Custody Numbers:480-210122
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-210122-1	06/19/2023		X	X			X
MW-C12	480-210122-2	06/19/2023		X	X			X
MW-C16	480-210122-3	06/19/2023		X	X			X
MW-13S	480-210122-4	06/19/2023		X	X			X
MW-22S	480-210122-5	06/20/2023		X	X			X
MW-23S	480-210122-6	06/19/2023		X	X			X
MW-46S	480-210122-7	06/20/2023		X	X			X
MW-48S	480-210122-8	06/19/2023		X	X			X
DUP-1	480-210122-9	06/19/2023	MW-C12	X	X			X
TRIP BLANK	480-210122-10	06/19/2023		X				

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks		X		X	
C. Field blanks					X
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Field duplicates RPD		X		X	

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

ORGANIC ANALYSES
SVOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Field blanks					X
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X	X		
6. Laboratory control sample (LCS) & LCS duplicate %R & RPD		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Field duplicates RPD		X		X	

SVOCs -semi volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable, except the following:

3-5. The %Rs were below the QC limit in the MS for acenaphthene, anthracene, chrysene, fluoranthene, fluorene, and phenanthrene associated with all samples. They were qualified as estimated (J/UJ) in all samples.

The %R was above the QC limit in the MSD for naphthalene associated with all samples. Naphthalene was qualified as estimated (J) in samples MW-46S and MW-48S.

The RPDs were above the QC limits acenaphthene, acenaphthylene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene associated with all samples. No additional qualification of the data was necessary.

INORGANIC ANALYSES
GENERAL CHEMISTRY

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Laboratory blanks		X	X		
B. Field blanks					X
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. HLCS %R		X		X	
6. Laboratory spike %R		X		X	
7. Laboratory duplicate RPD		X		X	
8. Matrix spike and matrix spike duplicate %R		X	X		
9. Field duplicates RPD		X		X	

%R percent recovery RPD - relative percent difference %D – percent difference
RSD - relative standard deviation

Comments:
Performance was acceptable, except the following:

2A. Cyanide was detected in the method blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S. The B qualifier was removed from the cyanide result in samples MW-22S.

8. The %Rs were below the QC limits in the MSs for cyanide. It was qualified as estimated (J/UJ) in all samples.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-210122

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
No qualification of the data was necessary.			
SVOCs			
All samples	Acenaphthene, anthracene, chrysene, fluoranthene, fluorene, and phenanthrene	J/UJ	The %Rs were below the QC limit in the MS
MW-46S and MW-48S	Naphthalene	J	The %R was above the QC limit in the MSD
General Chemistry			
All samples except for MW-22S	Cyanide	UB	Detected in the method blanks.
MW-22S		B qualifier removed	
All samples	Cyanide	J/UJ	The %Rs were below the QC limits in the MSs

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/25/23
VALIDATION PERFORMED BY SIGNATURE: