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July 30, 2024

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

Re: Quarterly Groundwater Monitoring Report – 2024 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 and Gas Corporation (NYSEG), D&B Engineers and Architects, D.P.C. (D&B) is submitting this letter report to summarize the 2024 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.

2024 Q2 Groundwater Sampling Event Summary

The Q2 GME was conducted by D&B on June 17, 2024 and June 18, 2024 in accordance with the long-term plan to monitor the quality of groundwater at the Site and offsite areas presented in the SMP (April 2023). 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 the threaded tabs used to secure the well cover (MW-C11, MW-C16, and MW-23S).

- The concrete pad surrounding road box at MW-C16 is cracked.

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 2024 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 a brown soil-like residue was observed on the oil/water interface probe and tape when removed from monitoring well MW-46S. In addition, a mothball-like odor at varying degrees was observed at monitoring wells MW-23S, MW-46S and MW-48S. Based on the water table elevations measured at all 15 monitoring wells on September 11, 2023, groundwater flow in the vicinity of the Site is to the west.

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 (i.e., pH, temperature, specific conductivity, turbidity, dissolved oxygen, and oxygen reduction potential) 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 [collected from MW-48S], 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 2024 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide** for a Site Plan depicting analytical result exceedances 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 560 ug/l was detected at MW-46S. The sample collected from MW-48S exhibited the next highest concentration of total BTEX of 63 ug/l, followed by MW-23S at 42 ug/l (DUP-1). 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 1.5 J ug/l at MW-23S to 220 J 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 12 ug/l at MW-48S to 250 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 13 ug/l at MW-48S to 91 ug/l at MW-46S.

PAHs

Detectable concentrations of PAHs were identified in five of the eight groundwater monitoring wells, including 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 159.33 ug/l was detected at MW-23S, followed in decreasing order by MW-48S (98.85 ug/l), MW-46S 41.96 ug/l), MW-C12 (38.5 ug/l), and MW-C16 (3.13 ug/l). PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells 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 four groundwater monitoring wells (MW-C16, MW-23S, MW-46S, MW-48S) at concentrations ranging from 0.029 J ug/l at MW-C16 to 0.69 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 0.72 ug/l.

- Benzo(b)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in one groundwater monitoring wells (MW-46S) at a concentration of 0.41 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 0.18 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 0.23 ug/l.

- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in three groundwater monitoring wells (MW-C12, MW-23S, MW-48S) at concentrations ranging from 23 ug/l at MW-48S to 59 ug/l at MW-23S.

- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in two groundwater monitoring wells (MW-23S, MW-48S) at concentrations of 62 ug/l and 73 ug/l, respectively.

Total Cyanide

Detectable concentrations of total cyanide were identified in three of the eight groundwater monitoring wells. Cyanide was detected above the Class GA groundwater standard of 0.2 mg/l in one groundwater monitoring well (MW-22S) at a concentration of 0.71 mg/l and below the Class GA groundwater standard at MWC-11 and MW-C12 at 0.013 mg/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the Second Quarter 2024 samples collected in June 2024 is consistent with the results from previous groundwater monitoring events. Elevated concentrations of BTEX compounds and PAHs were observed at MW-23S, MW-46S and MW-48S. Three of the eight monitoring wells exhibited one or more BTEX compounds at concentrations above respective Class GA groundwater standards and guidance values The highest total BTEX concentration was detected in MW-46S at a concentration of 560 ug/l. Five of the eight monitoring wells exhibited one or more targeted compounds at concentrations above respective Class GA groundwater standards and guidance values. The highest total PAH concentration of 159.33 ug/l was detected in MW-23S. Cyanide was detected in one monitoring well (MW-22S) at a concentration above the Class GA groundwater standard.

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 2024 Third Quarter GME includes the collection of groundwater samples from 15 existing groundwater monitoring wells that will be conducted in late August/early September 2024.

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/rs
attachments
cc: Levia Terrell (NYSEG)
Tracy Blazicek, CHMM, PMP (NYSEG)
Frank DeVita (D&B)
Thomas P. Fox, P.G. (D&B)
♦5811/GJS073024OW_Ltr_Q2 RPT

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2024 Q2 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	Northings	Eastings	Rim Elevation (AMSL)	Top of Riser (AMSL)	Total Well Depth (ft BTOR)	Depth to Water (ft BTOR)	Groundwater Elevation (ft AMSL)	NAPL Present (Y / N)	**Observations/Comments**
Groundwater Monitoring Wells Sampled Quarterly									
MW-C11	890314.13	841572.86	391.19	390.70	17.09	5.61	385.09	N	Annualar space filled with water over J-plug (removed). One of two treaded flanges missing (one bolt barely secures cover). Faint swamp-like odor. Spongy bottom.
MW-C12	890298.78	841607.74	391.95	391.75	17.15	6.34	385.41	N	Good condition. Hard bottom. Slight swamp-like odor.
MW-C16	890373.63	841591.99	391.05	390.86	16.01	5.97	384.89	N	Water in annualar space over J-plug (removed). Two of three treaded flanges are stripped (one bolt secures cover). Concrete pad surrounding road box is cracked. Spongy bottom.
MW-13S	889938.16	842147.41	396.23	395.95	14.33	7.05	388.90	N	Good condition. Hard bottom.
MW-22S	890169.03	840759.18	387.07	386.70	13.61	4.40	382.30	N	Good condition. Located in flower bed west of driveway. Hard bottom.
MW-23S	890569.18	840821.52	387.49	386.99	13.60	6.44	380.55	N	Two of three threaded flanges missing (one bolt secures cover). Slight mothball-like odor.
MW-46S	890067.01	840841.212	387.50	387.17	16.79	4.46	382.71	N	Good condition. Soil-like staining on interface probe tape. Mothball-like odor. Spongy bottom.
MW-48S	890217.75	840831.85	387.08	386.87	13.45	4.17	382.70	N	Good condition. Slight mothball-like odor. Spongy bottom.

Notes:
1. Total well depth and depth to water were measured during synoptic round conducted on June 17, 2024.
2. AMSL = above mean sea level.
3. ft BTOR = feet below top of riser.
4. Northings, eastings, and top of riser elevations presented above based on survey conducted on September 12, 2023 by Williams and Edsall Land Surveyors, P.C.
5. Northings and eastings are presented using World Geodetic System 1984 (WGS 84) coordinate system and elevations are presented using the North American Vertical Datum of 1988 (NAVD 88).
6. Highlighted rows indicate monitoring wells that should be considered for repair, replacement, or abandonment.

TABLE 2 - SUMMARY OF FINAL FIELD PARAMETER RESULTS

2024 Q2 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	pH	Temperature (ºC)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (DO) (mg/L)	Oxidation Reduction Potential (ORP) (mV)
MW-C11	6.04	18.02	6.10	0.0	1.03	-92
MW-C12	6.78	17.76	1.27	0.0	0.57	-68
MW-C16	6.93	17.46	3.53	3.2	0.65	-87
MW-13S	6.74	18.92	1.59	1.2	0.92	40
MW-22S	6.64	16.63	0.756	0.0	1.45	301
MW-23S	6.47	16.61	0.837	0.0	0.53	-41
MW-46S	6.64	16.02	0.865	2.7	0.18	-70
MW-48S	6.92	17.71	3.00	0.0	0.47	-89

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

Abbreviations:
ºC: 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
Ithaca Court Street
Second Quarter 2024 Groundwater Samples
BTEX, PAHs, and Cyanide

	Sample ID Sampling Date	MW-C11 6/17/2024	MW-C12 6/17/2024	MW-C16 6/17/2024	MW-13S 6/17/2024	MW-22S 6/18/2024	MW-23S 6/18/2024	DUP-1 6/18/2024	MW-46S 6/18/2024	MW-48S 6/18/2024
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	TOGS Class GA Groundwater Standards									
Benzene	1	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	**1.5 J**	**1.6 J**	**220 J**	**38 J**
Toluene	5	1 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	2.6 U	0.51 U
Ethylbenzene	5	1.5 U	0.74 U	0.74 U	0.74 U	0.74 U	**20**	**21**	**250**	**12**
M,P-Xylenes	5	1.3 U	0.66 U	0.66 U	0.66 U	0.66 U	3.2	3.5	**19**	2
O-Xylene	5	1.5 U	0.76 U	0.76 U	0.76 U	0.76 U	**15**	**16**	**72**	**11**
Xylenes	5	1.3 U	0.66 U	0.66 U	0.66 U	0.66 U	**18**	**20**	**91**	**13**
BTEX	--	2 U	1 U	1 U	1 U	1 U	40	42	560	63
Semivolatile Organic Compounds in ug/l										
Benzo(a)anthracene	0.002	0.016 U	0.016 U	**0.029 J**	0.016 U	0.016 U	**0.11**	**0.11**	**0.69**	**0.053**
Benzo(a)pyrene	ND	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	**0.72**	0.022 U
Benzo(b)fluoranthene	0.002	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	**0.41**	0.024 U
Benzo(ghi)perylene	--	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.26	0.035 U
Benzo(k)fluoranthene	0.002	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	**0.18**	0.028 U
Dibenzo(a,h)anthracene	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 J	0.02 U	0.066 J	0.02 U
Indeno(1,2,3-cd)pyrene	0.002	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	**0.23**	0.036 U
Acenaphthene	20	1.1 U	**34**	3.1 J	1.1 U	1.1 U	**59**	**52**	19	**23**
Acenaphthylene	--	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.1 J	1.1 J	5.3 J	0.82 U
Anthracene	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.4 J	2.9 J	1.7 J	1.3 U
Chrysene	0.002	0.91 UJ	0.91 UJ	0.91 UJ	0.91 UJ	0.91 UJ	0.91 U	0.91 U	0.91 U	0.91 U
Fluoranthene	50	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	1.6 J	1.4 J	1.2 J	0.84 U
Fluorene	50	0.91 U	4.5 J	0.91 U	0.91 U	0.91 U	16	14	7.2 J	2.1 J
Naphthalene	10	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	**62 J**	**20 J**	0.54 U	**73**
Phenanthrene	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	14	12	5 J	2.8 J
Pyrene	50	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	2.1 J	1.9 J	1.6 U	1.6 U
Cyanide in mg/l	0.2	0.013	0.013	0.0041 U	0.0041 U	**0.71**	0.0041 U	0.0041 U	0.0041 U	0.0041 U

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 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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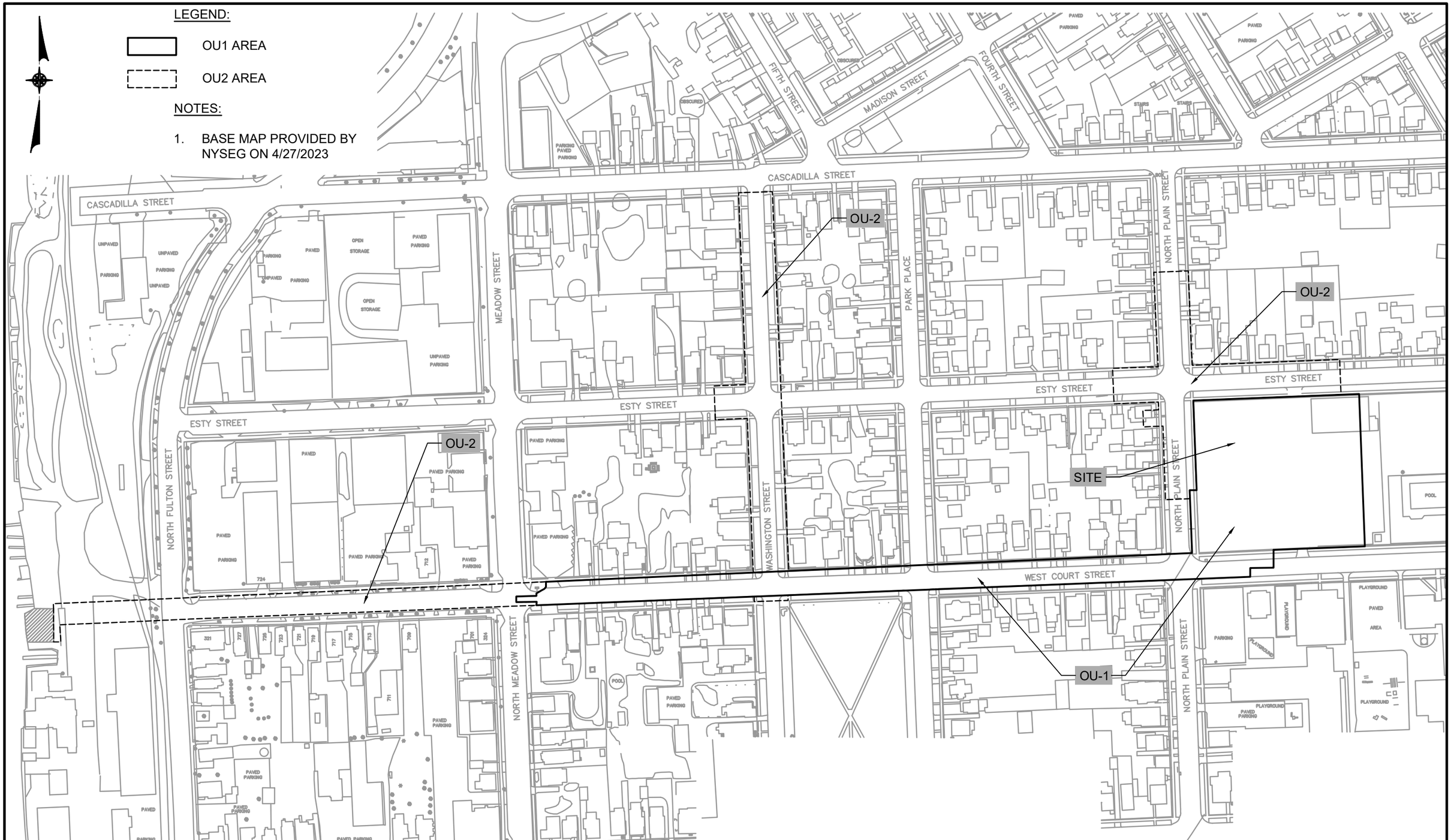

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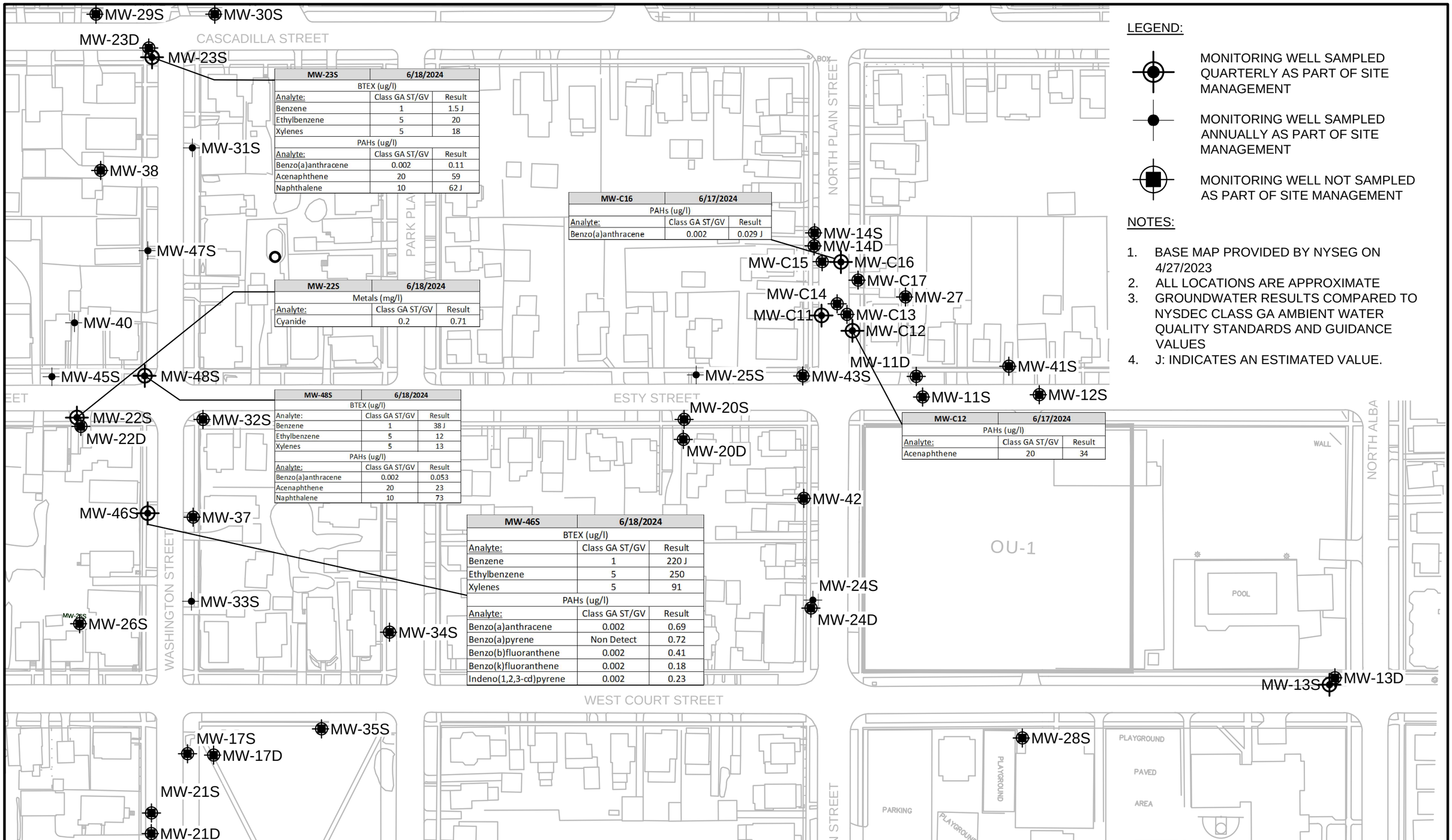
NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SITE PLAN

SCALE: N.T.S.

FIGURE 2

F:\5811\dwg\5811-FIG-2.dwg, Layout1, 8/1/2023 8:43:25 AM, zkaplan



MW-23S	6/18/2024
BTEX (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzene	1	1.5 J
Ethylbenzene	5	20
Xylenes	5	18
PAHs (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.11
Acenaphthene	20	59
Naphthalene	10	62 J

MW-22S	6/18/2024
Metals (mg/l)	
Analyte:	Class GA ST/GV	Result
Cyanide	0.2	0.71

MW-48S	6/18/2024
BTEX (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzene	1	38 J
Ethylbenzene	5	12
Xylenes	5	13
PAHs (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.053
Acenaphthene	20	23
Naphthalene	10	73

MW-46S	6/18/2024
BTEX (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzene	1	220 J
Ethylbenzene	5	250
Xylenes	5	91
PAHs (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.69
Benzo(a)pyrene	Non Detect	0.72
Benzo(b)fluoranthene	0.002	0.41
Benzo(k)fluoranthene	0.002	0.18
Indeno(1,2,3-cd)pyrene	0.002	0.23

MW-C16	6/17/2024
PAHs (ug/l)	
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.029 J

MW-C12	6/17/2024
PAHs (ug/l)	
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	34

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: INDICATES 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 2024 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 6/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.61
Depth of Well (feet from top of casing/riser)..... 17.09

Depth to 10 / 15 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing		ft. of water x 0.04 =		gallons
2 in. casing:	11.48	ft. of water x 0.16 =	1.84	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: 6.1 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]
1010	250	5.89	6.82	19.17	6.73	0.0	4.21	-96
1015		5.95	6.85	17.80	6.72	0.0	1.55	-99
1020		6.01	6.89	17.83	6.36	0.6	1.05	-95
1025		6.02	6.92	17.84	6.21	0.0	1.05	-94
1030		6.03	6.93	17.90	6.15	0.0	1.05	-93
1035		6.04	6.93	18.00	6.11	0.0	1.03	-91
1040		6.04	6.93	18.02	6.10	0.0	1.03	-92

Purge Volume: Purging Time:
Purge Rate (gph): 1.9 gph

MW-C11_20240617

Sampling

Time of Sample Collection: 1040

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* Water over J-plug (Removed) 1082 flanges missing Sponge/Bottom
Weather/Temperature: 80°F, Sunny, 10-15mph SSW
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no describe Very faint Sump-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 6/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.34
Depth of Well (feet from top of casing/riser)..... 17.15

Depth to 10 / 15 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing		ft. of water x 0.04 =		gallons
2 in. casing:	10.81	ft. of water x 0.16 =	1.73	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]
1235		6.73	7.13	20.97	1.59	0.0	2.29	-70
1240		6.87	6.91	19.69	1.57	0.0	0.62	-71
1245		6.89	6.86	17.93	1.67	0.0	0.62	-73
1250		6.89	6.83	17.73	1.46	0.0	0.58	-71
1255		6.89	6.81	17.93	1.37	0.0	0.55	-69
1300		6.89	6.79	17.87	1.31	0.0	0.54	-68
1305		6.89	6.77	17.78	1.28	0.0	0.58	-67
1310		6.89	6.78	17.76	1.27	0.0	0.57	-68

Purge Volume: 1.5gph Purging Time:
Purge Rate (gph):

mw-C12_20240617
-MS
-MSD

Sampling

Time of Sample Collection: 1310

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* Hard Bottom
Weather/Temperature: Sunny 80°F 10-15 SSW
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no describe Slight Swamp-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 6/17/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.97
Depth of Well (feet from top of casing/riser)..... 16.01

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:	10.04	ft. of water x 0.16 =	1.61	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: 1.1 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]
1115		6.50	7.17	17.75	3.76	5.9	2.27	-120
1120		7.55	6.98	16.97	3.63	7.0	1.06	-113
1125		8.19	6.95	17.07	3.54	4.7	0.88	-94
1130		8.58	6.93	17.19	3.53	4.1	0.76	-86
1135		8.95	6.93	17.25	3.53	3.4	0.69	-84
1140		9.19	6.93	17.44	3.53	3.4	0.67	-87
1145		9.37	6.93	17.46	3.53	3.2	0.65	-87

Purge Volume: Purging Time:
Purge Rate (gph): 1.9 gph

Sampling
Time of Sample Collection: 1145

MW-C16 20240617

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)

Concrete @ curb box cracked, two of 3 tabs stripped.

Observations
Well Observations: Good: Yes / No* Water over J-Plug (removed) Spongy bottom
Weather/Temperature: 80°F Sunny, Wind 10-15 SSW
Sample description: clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no describe Swamp-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 6/17/24

WELL ID: **MW-13S** Time On-site: Time Off-site:

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 7.05
Depth of Well (feet from top of casing/riser)..... 14.33

Depth to 7 / 20 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing		ft. of water x 0.04 =		gallons
2 in. casing:	7.28	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: 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]
Turbidity >1,000 Foamy & Cloudy at Horiba								
1430	~150	7.05	7.11	21.51	1.67	51.4	1.16	-63
1435		7.05	6.91	19.24	1.71	21.8	0.85	-22
1440		7.05	6.84	18.87	1.67	41.4	0.83	7
1445		7.05	6.78	18.68	1.64	31.3	0.88	17
1450		7.05	6.75	18.54	1.62	17.4	0.88	25
1455		7.05	6.73	18.61	1.60	3.2	0.87	39
1500		7.05	6.72	18.77	1.59	1.9	0.89	40
1505		7.05	6.74	18.97	1.59	1.2	0.92	40

Purge Volume: ~150 Purging Time:
Purge Rate (gph): 1.5 gph

Historically this well experiences elevated turbidity @ startup -> 1,000 milky white
- pumped 1 gallon before low flow sampling

Sampling

Time of Sample Collection: 1505

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		

MW-13S_20240617

Observations

Well Observations: Good: Yes / No* Good. Hard bottom
Weather/Temperature: 85°F Sunny 10-15 5 SW
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 6/18/24

WELL ID: **MW-22S** Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.40
Depth of Well (feet from top of casing/riser)..... 13.61

Depth to 4 / 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:	9.21	ft. of water x 0.16 =	1.5	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: 1.25 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]
1130		4.50	7.14	18.30	0.788	0.1	5.02	243
1135		4.58	6.86	19.67	0.737	0.0	1.16	275
1140		4.58	6.73	17.99	0.741	0.0	1.22	289
1145		4.59	6.65	17.26	0.747	0.0	1.28	298
1150		4.59	6.63	17.16	0.754	0.1	1.49	299
1155		4.60	6.62	16.80	0.755	0.2	1.47	300
1200		4.61	6.64	16.63	0.756	0.0	1.45	301

Purge Volume: Purging Time:
Purge Rate (gph): 2.1 gph

MW-22S_20240618

Sampling
Time of Sample Collection: 1200

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* Buried under Perennial Vegetation (flowers) Hardbottom
Weather/Temperature: 82°F Overcast 5-10 South Humid.
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 6/18/24

WELL ID: **MW-23S** Time On-site: Time Off-site:

SAMPLERS: BTS

Initial static water level (feet from top of casing/riser)..... 6.44
Depth of Well (feet from top of casing/riser)..... 13.60

Depth to 4 / 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:	7.16	ft. of water x 0.16 =	1.15 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

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]
0845		6.40	7.03	18.41	0.958	0.0	509	-70
0850		6.48	6.83	16.43	0.892	0.0	0.81	-67
0855		6.44	6.55	16.40	0.871	0.0	0.74	-50
0900		6.44	6.50	16.36	0.861	0.0	0.65	-46
0905		6.44	6.46	16.35	0.857	0.0	0.59	-45
0910		6.44	6.46	16.52	0.851	0.0	0.57	-44
0915		6.44	6.48	16.59	0.840	0.0	0.55	-42
0920		6.44	6.47	16.61	0.837	0.0	0.53	-41

Purge Volume: Purging Time:
Purge Rate (gph): 3.1 gph

MW-23S_20240618
DUP-1_20240618

Sampling
Time of Sample Collection: 0920

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* - 2 of 3 threaded labs missing
Weather/Temperature: 78°F P.Sunny 5-10 South - 80% humidity a 1" of rain overnight
Sample description:
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no describe Slight mothball-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 6/18/24

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 4.46
Depth of Well (feet from top of casing/riser)..... 16.79
Depth to 8 / 18 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:	12.33	ft. of water x 0.16 =	1.97	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]
1255		4.60	7.04	18.30	0.911	0.0	1.23	-79
1300		4.60	6.84	16.23	0.878	0.0	0.49	-77
1305		4.60	6.76	15.98	0.877	0.0	0.41	-75
1310		4.60	6.69	16.01	0.867	0.8	0.32	-72
1315		4.60	6.65	16.01	0.866	2.1	0.29	-71
1320		4.60	6.64	16.02	0.865	2.7	0.18	-70

Purge Volume: Purging Time:
Purge Rate (gph): 2 gph

MW-46S-20240618

Sampling
Time of Sample Collection: 1320

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* Brown Soil-like build up on interface probe tape
Weather/Temperature: 87°F 0-10 SW, Humid
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe Mothball-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 6/18/24

WELL ID: **MW-48S** 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)..... 13.45

Depth to 4 / 14 of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing		ft. of water x 0.04 =		gallons
2 in. casing:	9.28	ft. of water x 0.16 =	1.48	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: 1.1 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]
1010	250	4.07	6.93	21.46	2.63	37.5	2.26	-83
1015		4.08	6.93	21.25	2.68	121.1	0.44	-90
1020		4.14	6.90	17.89	2.88	5.3	0.48	-90
1025		4.14	6.90	17.75	2.94	1.7	0.49	-89
1030		4.14	6.91	17.71	2.98	0.0	0.47	-89
1035		4.14	6.91	17.70	2.99	0.0	0.47	-89
1040		4.14	6.92	17.71	3.00	0.0	0.47	-89
1045								

Purge Volume: Purging Time:
Purge Rate (gph): 1.9 gph

MW-48S_20240618

Sampling
Time of Sample Collection: 1040

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: 81 °F 5-10 S Humid & Overcast
Sample description: Clear
Free Product? yes ____ no X describe
Sheen? yes ____ no X describe
Odor? yes X no describe Slight Mothball-like odor

* 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

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Generated 06/28/2024

JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-220956-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

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06/28/2024

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Table of Contents

Table of Contents

Job Narrative
480-220956-1

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

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

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

Receipt
The samples were received on 6/19/2024 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 2.8°C and 3.1°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-C11_20240617 (480-220956-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-716047 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. The associated sample is impacted: MW-C12_20240617 MSD (480-220956-2[MSD]).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-716047 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated sample is impacted: MW-C12_20240617 MSD (480-220956-2[MSD]).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-46S_20240618 (480-220956-7). 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
Method 8270E: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-C11_20240617 (480-220956-1). These results have been reported and qualified.

Method 8270E: The laboratory control sample (LCS) for batch preparation batch 460-981480 and analytical batch 460-981562 recovered outside control limits for the following analytes: Chrysene. The laboratory control sample duplicate (LCSD) recovery was within control limits. The associated sample data has been flagged and reported.

Method 8270E_SIM: The surrogate recovery for the blank associated with preparation batch 460-981480 and analytical batch 460-981569 was outside the upper control limits.

Method 8270E_SIM: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-C12_20240617 (480-220956-2). These results have been reported and qualified.

Method 8270E_SIM: The continuing calibration verification (CCV) analyzed in batch 460-981870 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene and Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E_SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-981856 and analytical batch 460-981870 recovered outside control limits for the following analytes: Dibenz(a,h)anthracene.

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

General Chemistry
Method 9012B_NP: The method blank for batch 716295 contained Cyanide, Total above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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

Sample Summary

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

Job ID: 480-220956-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-220956-1	MW-C11_20240617	Water	06/17/24 10:40	06/19/24 10:00
480-220956-2	MW-C12_20240617	Water	06/17/24 13:10	06/19/24 10:00
480-220956-3	MW-C16_20240617	Water	06/17/24 11:45	06/19/24 10:00
480-220956-4	MW-13S_20240617	Water	06/17/24 15:05	06/19/24 10:00
480-220956-5	MW-22S_20240618	Water	06/18/24 12:00	06/19/24 10:00
480-220956-6	MW-23S_20240618	Water	06/18/24 09:20	06/19/24 10:00
480-220956-7	MW-46S_20240618	Water	06/18/24 13:20	06/19/24 10:00
480-220956-8	MW-48S_20240618	Water	06/18/24 10:40	06/19/24 10:00
480-220956-9	DUP-1_202406	Water	06/18/24 00:00	06/19/24 10:00
480-220956-10	TRIP BLANK-202406	Water	06/18/24 00:00	06/19/24 10:00

Detection Summary

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

Job ID: 480-220956-1

Client Sample ID: MW-C11_20240617 — Lab Sample ID: 480-220956-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.013		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20240617 — Lab Sample ID: 480-220956-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	34		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	4.5	J	10	0.91	ug/L	1		8270E	Total/NA
Cyanide, Total	0.013		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20240617 — Lab Sample ID: 480-220956-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.029	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	3.1	J	10	1.1	ug/L	1		8270E	Total/NA

Client Sample ID: MW-13S_20240617 — Lab Sample ID: 480-220956-4

No Detections.

Client Sample ID: MW-22S_20240618 — Lab Sample ID: 480-220956-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.71		0.050	0.021	mg/L	5		9012B	Total/NA

Client Sample ID: MW-23S_20240618 — Lab Sample ID: 480-220956-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	20		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	3.2		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	15		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	18		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	40		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.11		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.020	J *1	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Acenaphthene	59		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	3.4	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.6	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	16		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	62		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	14		10	1.3	ug/L	1		8270E	Total/NA
Pyrene	2.1	J	10	1.6	ug/L	1		8270E	Total/NA

Client Sample ID: MW-46S_20240618 — Lab Sample ID: 480-220956-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	220		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	250		5.0	3.7	ug/L	5		8260C	Total/NA
m-Xylene & p-Xylene	19		10	3.3	ug/L	5		8260C	Total/NA
o-Xylene	72		5.0	3.8	ug/L	5		8260C	Total/NA
Xylenes, Total	91		10	3.3	ug/L	5		8260C	Total/NA
Total BTEX	560		10	5.0	ug/L	5		8260C	Total/NA
Benzo[a]anthracene	0.69		0.050	0.016	ug/L	1		8270E SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-46S_20240618 (Continued) — Lab Sample ID: 480-220956-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.72		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.41		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.26		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.18		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.066	*1	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.23		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	19		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	5.3	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	1.7	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.2	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	7.2	J	10	0.91	ug/L	1		8270E	Total/NA
Phenanthrene	5.0	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: MW-48S_20240618 — Lab Sample ID: 480-220956-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	38		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	12		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	2.0		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	11		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	13		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	63		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.053		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	23		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	2.1	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	73		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	2.8	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: DUP-1_202406 — Lab Sample ID: 480-220956-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	21		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	3.5		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	16		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	20		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	42		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.11		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	52		10	1.1	ug/L	1		8270E	Total/NA
Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
Anthracene	2.9	J	10	1.3	ug/L	1		8270E	Total/NA
Fluoranthene	1.4	J	10	0.84	ug/L	1		8270E	Total/NA
Fluorene	14		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	20		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	12		10	1.3	ug/L	1		8270E	Total/NA
Pyrene	1.9	J	10	1.6	ug/L	1		8270E	Total/NA

Client Sample ID: TRIP BLANK-202406 — Lab Sample ID: 480-220956-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 480-220956-1

Client Sample ID: MW-C11_20240617 — Lab Sample ID: 480-220956-1

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
57-12-5	Cyanide, Total	0.013		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20240617 — Lab Sample ID: 480-220956-2

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
83-32-9	Acenaphthene	34		10	1.1	ug/L	1		8270E	Total/NA
86-73-7	Fluorene	4.5	J	10	0.91	ug/L	1		8270E	Total/NA
57-12-5	Cyanide, Total	0.013		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20240617 — Lab Sample ID: 480-220956-3

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
56-55-3	Benzo[a]anthracene	0.029	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
83-32-9	Acenaphthene	3.1	J	10	1.1	ug/L	1		8270E	Total/NA

Client Sample ID: MW-13S_20240617 — Lab Sample ID: 480-220956-4

No Detections.

Client Sample ID: MW-22S_20240618 — Lab Sample ID: 480-220956-5

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
57-12-5	Cyanide, Total	0.71		0.050	0.021	mg/L	5		9012B	Total/NA

Client Sample ID: MW-23S_20240618 — Lab Sample ID: 480-220956-6

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
71-43-2	Benzene	1.5		1.0	0.41	ug/L	1		8260C	Total/NA
100-41-4	Ethylbenzene	20		1.0	0.74	ug/L	1		8260C	Total/NA
179601-23-1	m-Xylene & p-Xylene	3.2		2.0	0.66	ug/L	1		8260C	Total/NA
95-47-6	o-Xylene	15		1.0	0.76	ug/L	1		8260C	Total/NA
1330-20-7	Xylenes, Total	18		2.0	0.66	ug/L	1		8260C	Total/NA
N/A	Total BTEX	40		2.0	1.0	ug/L	1		8260C	Total/NA
56-55-3	Benzo[a]anthracene	0.11		0.050	0.016	ug/L	1		8270E SIM	Total/NA
53-70-3	Dibenz(a,h)anthracene	0.020	J *1	0.050	0.020	ug/L	1		8270E SIM	Total/NA
83-32-9	Acenaphthene	59		10	1.1	ug/L	1		8270E	Total/NA
208-96-8	Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
120-12-7	Anthracene	3.4	J	10	1.3	ug/L	1		8270E	Total/NA
206-44-0	Fluoranthene	1.6	J	10	0.84	ug/L	1		8270E	Total/NA
86-73-7	Fluorene	16		10	0.91	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-23S_20240618 (Continued) — Lab Sample ID: 480-220956-6

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
91-20-3	Naphthalene	62		2.0	0.54	ug/L	1		8270E	Total/NA
85-01-8	Phenanthrene	14		10	1.3	ug/L	1		8270E	Total/NA
129-00-0	Pyrene	2.1	J	10	1.6	ug/L	1		8270E	Total/NA

Client Sample ID: MW-46S_20240618 — Lab Sample ID: 480-220956-7

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
71-43-2	Benzene	220		5.0	2.1	ug/L	5		8260C	Total/NA
100-41-4	Ethylbenzene	250		5.0	3.7	ug/L	5		8260C	Total/NA
179601-23-1	m-Xylene & p-Xylene	19		10	3.3	ug/L	5		8260C	Total/NA
95-47-6	o-Xylene	72		5.0	3.8	ug/L	5		8260C	Total/NA
1330-20-7	Xylenes, Total	91		10	3.3	ug/L	5		8260C	Total/NA
N/A	Total BTEX	560		10	5.0	ug/L	5		8260C	Total/NA
56-55-3	Benzo[a]anthracene	0.69		0.050	0.016	ug/L	1		8270E SIM	Total/NA
50-32-8	Benzo[a]pyrene	0.72		0.050	0.022	ug/L	1		8270E SIM	Total/NA
205-99-2	Benzo[b]fluoranthene	0.41		0.050	0.024	ug/L	1		8270E SIM	Total/NA
191-24-2	Benzo[g,h,i]perylene	0.26		0.050	0.035	ug/L	1		8270E SIM	Total/NA
207-08-9	Benzo[k]fluoranthene	0.18		0.050	0.028	ug/L	1		8270E SIM	Total/NA
53-70-3	Dibenz(a,h)anthracene	0.066	*1	0.050	0.020	ug/L	1		8270E SIM	Total/NA
193-39-5	Indeno[1,2,3-cd]pyrene	0.23		0.050	0.036	ug/L	1		8270E SIM	Total/NA
83-32-9	Acenaphthene	19		10	1.1	ug/L	1		8270E	Total/NA
208-96-8	Acenaphthylene	5.3	J	10	0.82	ug/L	1		8270E	Total/NA
120-12-7	Anthracene	1.7	J	10	1.3	ug/L	1		8270E	Total/NA
206-44-0	Fluoranthene	1.2	J	10	0.84	ug/L	1		8270E	Total/NA
86-73-7	Fluorene	7.2	J	10	0.91	ug/L	1		8270E	Total/NA
85-01-8	Phenanthrene	5.0	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: MW-48S_20240618 — Lab Sample ID: 480-220956-8

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
71-43-2	Benzene	38		1.0	0.41	ug/L	1		8260C	Total/NA
100-41-4	Ethylbenzene	12		1.0	0.74	ug/L	1		8260C	Total/NA
179601-23-1	m-Xylene & p-Xylene	2.0		2.0	0.66	ug/L	1		8260C	Total/NA
95-47-6	o-Xylene	11		1.0	0.76	ug/L	1		8260C	Total/NA
1330-20-7	Xylenes, Total	13		2.0	0.66	ug/L	1		8260C	Total/NA
N/A	Total BTEX	63		2.0	1.0	ug/L	1		8260C	Total/NA
56-55-3	Benzo[a]anthracene	0.053		0.050	0.016	ug/L	1		8270E SIM	Total/NA
83-32-9	Acenaphthene	23		10	1.1	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 480-220956-1

Client Sample ID: MW-48S_20240618 (Continued) — Lab Sample ID: 480-220956-8

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
86-73-7	Fluorene	2.1	J	10	0.91	ug/L	1		8270E	Total/NA
91-20-3	Naphthalene	73		2.0	0.54	ug/L	1		8270E	Total/NA
85-01-8	Phenanthrene	2.8	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: DUP-1_202406 — Lab Sample ID: 480-220956-9

CAS No.	Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
71-43-2	Benzene	1.6		1.0	0.41	ug/L	1		8260C	Total/NA
100-41-4	Ethylbenzene	21		1.0	0.74	ug/L	1		8260C	Total/NA
179601-23-1	m-Xylene & p-Xylene	3.5		2.0	0.66	ug/L	1		8260C	Total/NA
95-47-6	o-Xylene	16		1.0	0.76	ug/L	1		8260C	Total/NA
1330-20-7	Xylenes, Total	20		2.0	0.66	ug/L	1		8260C	Total/NA
N/A	Total BTEX	42		2.0	1.0	ug/L	1		8260C	Total/NA
56-55-3	Benzo[a]anthracene	0.11		0.050	0.016	ug/L	1		8270E SIM	Total/NA
83-32-9	Acenaphthene	52		10	1.1	ug/L	1		8270E	Total/NA
208-96-8	Acenaphthylene	1.1	J	10	0.82	ug/L	1		8270E	Total/NA
120-12-7	Anthracene	2.9	J	10	1.3	ug/L	1		8270E	Total/NA
206-44-0	Fluoranthene	1.4	J	10	0.84	ug/L	1		8270E	Total/NA
86-73-7	Fluorene	14		10	0.91	ug/L	1		8270E	Total/NA
91-20-3	Naphthalene	20		2.0	0.54	ug/L	1		8270E	Total/NA
85-01-8	Phenanthrene	12		10	1.3	ug/L	1		8270E	Total/NA
129-00-0	Pyrene	1.9	J	10	1.6	ug/L	1		8270E	Total/NA

Client Sample ID: TRIP BLANK-202406 — Lab Sample ID: 480-220956-10

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: 480-220956-1

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 Results

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

Job ID: 480-220956-1

Client Sample ID: MW-C11_20240617

Date Collected: 06/17/24 10:40
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.0	U	2.0	0.82	ug/L			06/19/24 19:12	2
Toluene	2.0	U	2.0	1.0	ug/L			06/19/24 19:12	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			06/19/24 19:12	2
m-Xylene & p-Xylene	4.0	U	4.0	1.3	ug/L			06/19/24 19:12	2
o-Xylene	2.0	U	2.0	1.5	ug/L			06/19/24 19:12	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			06/19/24 19:12	2
Total BTEX	4.0	U	4.0	2.0	ug/L			06/19/24 19:12	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*80 - 120*		*06/19/24 19:12*	*2*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 120*		*06/19/24 19:12*	*2*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*06/19/24 19:12*	*2*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*06/19/24 19:12*	*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	0.050	U	0.050	0.016	ug/L		06/21/24 09:01	06/24/24 10:38	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 09:01	06/24/24 10:38	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 09:01	06/24/24 10:38	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 09:01	06/24/24 10:38	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 09:01	06/24/24 10:38	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 09:01	06/24/24 10:38	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 09:01	06/24/24 10:38	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		06/21/24 09:01	06/22/24 12:24	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 09:01	06/22/24 12:24	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 12:24	1
Chrysene	2.0	U *-	2.0	0.91	ug/L		06/21/24 09:01	06/22/24 12:24	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 09:01	06/22/24 12:24	1
Fluorene	10	U	10	0.91	ug/L		06/21/24 09:01	06/22/24 12:24	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 09:01	06/22/24 12:24	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 12:24	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 09:01	06/22/24 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*45*	*S1-*	*46 - 139*	*06/21/24 09:01*	*06/22/24 12:24*	*1*
Nitrobenzene-d5 (Surr)	*69*		*51 - 145*	*06/21/24 09:01*	*06/22/24 12:24*	*1*
Terphenyl-d14 (Surr)	*56*		*13 - 159*	*06/21/24 09:01*	*06/22/24 12:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.013**		0.010	0.0041	mg/L			06/26/24 20:28	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-C12_20240617

Date Collected: 06/17/24 13:10
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-2

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 F1 F2	1.0	0.41	ug/L			06/19/24 19:41	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 19:41	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 19:41	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 19:41	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 19:41	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 19:41	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/19/24 19:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/19/24 19:41*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/19/24 19:41*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/19/24 19:41*	*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		06/21/24 09:01	06/22/24 18:00	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 09:01	06/22/24 18:00	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 09:01	06/22/24 18:00	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 09:01	06/22/24 18:00	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 09:01	06/22/24 18:00	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 09:01	06/22/24 18:00	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 09:01	06/22/24 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**34**		10	1.1	ug/L		06/21/24 09:01	06/22/24 12:46	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 09:01	06/22/24 12:46	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 12:46	1
Chrysene	2.0	U *-	2.0	0.91	ug/L		06/21/24 09:01	06/22/24 12:46	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 09:01	06/22/24 12:46	1
Fluorene	**4.5**	**J**	10	0.91	ug/L		06/21/24 09:01	06/22/24 12:46	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 09:01	06/22/24 12:46	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 12:46	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 09:01	06/22/24 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*46 - 139*	*06/21/24 09:01*	*06/22/24 12:46*	*1*
Nitrobenzene-d5 (Surr)	*82*		*51 - 145*	*06/21/24 09:01*	*06/22/24 12:46*	*1*
Terphenyl-d14 (Surr)	*67*		*13 - 159*	*06/21/24 09:01*	*06/22/24 12:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.013**		0.010	0.0041	mg/L			06/26/24 20:55	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-C16_20240617

Date Collected: 06/17/24 11:45
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-3

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			06/19/24 19:35	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 19:35	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 19:35	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 19:35	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 19:35	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 19:35	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*111*		*80 - 120*		*06/19/24 19:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*06/19/24 19:35*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*06/19/24 19:35*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/19/24 19:35*	*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	**0.029**	**J**	0.050	0.016	ug/L		06/21/24 09:01	06/22/24 18:21	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 09:01	06/22/24 18:21	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 09:01	06/22/24 18:21	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 09:01	06/22/24 18:21	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 09:01	06/22/24 18:21	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 09:01	06/22/24 18:21	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 09:01	06/22/24 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**3.1**	**J**	10	1.1	ug/L		06/21/24 09:01	06/22/24 13:50	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 09:01	06/22/24 13:50	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 13:50	1
Chrysene	2.0	U *-	2.0	0.91	ug/L		06/21/24 09:01	06/22/24 13:50	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 09:01	06/22/24 13:50	1
Fluorene	10	U	10	0.91	ug/L		06/21/24 09:01	06/22/24 13:50	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 09:01	06/22/24 13:50	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 13:50	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 09:01	06/22/24 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*46 - 139*	*06/21/24 09:01*	*06/22/24 13:50*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 145*	*06/21/24 09:01*	*06/22/24 13:50*	*1*
Terphenyl-d14 (Surr)	*94*		*13 - 159*	*06/21/24 09:01*	*06/22/24 13:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/19/24 22:00	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-13S_20240617

Date Collected: 06/17/24 15:05
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-4

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			06/19/24 19:58	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 19:58	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 19:58	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 19:58	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 19:58	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 19:58	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/19/24 19:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/19/24 19:58*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*06/19/24 19:58*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*06/19/24 19:58*	*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		06/21/24 09:01	06/22/24 18:42	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 09:01	06/22/24 18:42	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 09:01	06/22/24 18:42	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 09:01	06/22/24 18:42	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 09:01	06/22/24 18:42	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 09:01	06/22/24 18:42	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 09:01	06/22/24 18:42	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		06/21/24 09:01	06/22/24 14:12	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 09:01	06/22/24 14:12	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 14:12	1
Chrysene	2.0	U *-	2.0	0.91	ug/L		06/21/24 09:01	06/22/24 14:12	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 09:01	06/22/24 14:12	1
Fluorene	10	U	10	0.91	ug/L		06/21/24 09:01	06/22/24 14:12	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 09:01	06/22/24 14:12	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 14:12	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 09:01	06/22/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*46 - 139*	*06/21/24 09:01*	*06/22/24 14:12*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 145*	*06/21/24 09:01*	*06/22/24 14:12*	*1*
Terphenyl-d14 (Surr)	*95*		*13 - 159*	*06/21/24 09:01*	*06/22/24 14:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/19/24 22:03	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-22S_20240618

Date Collected: 06/18/24 12:00
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-5

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			06/19/24 20:22	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 20:22	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 20:22	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 20:22	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 20:22	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 20:22	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/19/24 20:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/19/24 20:22*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/19/24 20:22*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/19/24 20:22*	*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		06/21/24 09:01	06/24/24 10:59	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 09:01	06/24/24 10:59	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 09:01	06/24/24 10:59	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 09:01	06/24/24 10:59	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 09:01	06/24/24 10:59	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 09:01	06/24/24 10:59	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 09:01	06/24/24 10:59	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		06/21/24 09:01	06/22/24 14:34	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 09:01	06/22/24 14:34	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 14:34	1
Chrysene	2.0	U *-	2.0	0.91	ug/L		06/21/24 09:01	06/22/24 14:34	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 09:01	06/22/24 14:34	1
Fluorene	10	U	10	0.91	ug/L		06/21/24 09:01	06/22/24 14:34	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 09:01	06/22/24 14:34	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 09:01	06/22/24 14:34	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 09:01	06/22/24 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*46 - 139*	*06/21/24 09:01*	*06/22/24 14:34*	*1*
Nitrobenzene-d5 (Surr)	*86*		*51 - 145*	*06/21/24 09:01*	*06/22/24 14:34*	*1*
Terphenyl-d14 (Surr)	*94*		*13 - 159*	*06/21/24 09:01*	*06/22/24 14:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.71**		0.050	0.021	mg/L			06/26/24 20:35	5

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-23S_20240618

Date Collected: 06/18/24 09:20
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.5**		1.0	0.41	ug/L			06/20/24 16:03	1
Toluene	1.0	U	1.0	0.51	ug/L			06/20/24 16:03	1
Ethylbenzene	**20**		1.0	0.74	ug/L			06/20/24 16:03	1
m-Xylene & p-Xylene	**3.2**		2.0	0.66	ug/L			06/20/24 16:03	1
o-Xylene	**15**		1.0	0.76	ug/L			06/20/24 16:03	1
Xylenes, Total	**18**		2.0	0.66	ug/L			06/20/24 16:03	1
Total BTEX	**40**		2.0	1.0	ug/L			06/20/24 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/20/24 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*06/20/24 16:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/20/24 16:03*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/20/24 16:03*	*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	**0.11**		0.050	0.016	ug/L		06/24/24 07:55	06/24/24 13:26	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/24/24 07:55	06/24/24 13:26	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/24/24 07:55	06/24/24 13:26	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/24/24 07:55	06/24/24 13:26	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/24/24 07:55	06/24/24 13:26	1
Dibenz(a,h)anthracene	**0.020**	**J *1**	0.050	0.020	ug/L		06/24/24 07:55	06/24/24 13:26	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/24/24 07:55	06/24/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**59**		10	1.1	ug/L		06/22/24 09:45	06/23/24 22:03	1
Acenaphthylene	**1.1**	**J**	10	0.82	ug/L		06/22/24 09:45	06/23/24 22:03	1
Anthracene	**3.4**	**J**	10	1.3	ug/L		06/22/24 09:45	06/23/24 22:03	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/22/24 09:45	06/23/24 22:03	1
Fluoranthene	**1.6**	**J**	10	0.84	ug/L		06/22/24 09:45	06/23/24 22:03	1
Fluorene	**16**		10	0.91	ug/L		06/22/24 09:45	06/23/24 22:03	1
Naphthalene	**62**		2.0	0.54	ug/L		06/22/24 09:45	06/23/24 22:03	1
Phenanthrene	**14**		10	1.3	ug/L		06/22/24 09:45	06/23/24 22:03	1
Pyrene	**2.1**	**J**	10	1.6	ug/L		06/22/24 09:45	06/23/24 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*46 - 139*	*06/22/24 09:45*	*06/23/24 22:03*	*1*
Nitrobenzene-d5 (Surr)	*105*		*51 - 145*	*06/22/24 09:45*	*06/23/24 22:03*	*1*
Terphenyl-d14 (Surr)	*60*		*13 - 159*	*06/22/24 09:45*	*06/23/24 22:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/26/24 20:38	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-46S_20240618

Date Collected: 06/18/24 13:20
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-7

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			06/20/24 16:28	5
Toluene	5.0	U	5.0	2.6	ug/L			06/20/24 16:28	5
Ethylbenzene	**250**		5.0	3.7	ug/L			06/20/24 16:28	5
m-Xylene & p-Xylene	**19**		10	3.3	ug/L			06/20/24 16:28	5
o-Xylene	**72**		5.0	3.8	ug/L			06/20/24 16:28	5
Xylenes, Total	**91**		10	3.3	ug/L			06/20/24 16:28	5
Total BTEX	**560**		10	5.0	ug/L			06/20/24 16:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/20/24 16:28*	*5*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/20/24 16:28*	*5*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*06/20/24 16:28*	*5*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/20/24 16:28*	*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	**0.69**		0.050	0.016	ug/L		06/24/24 07:55	06/24/24 20:36	1
Benzo[a]pyrene	**0.72**		0.050	0.022	ug/L		06/24/24 07:55	06/24/24 20:36	1
Benzo[b]fluoranthene	**0.41**		0.050	0.024	ug/L		06/24/24 07:55	06/24/24 20:36	1
Benzo[g,h,i]perylene	**0.26**		0.050	0.035	ug/L		06/24/24 07:55	06/24/24 20:36	1
Benzo[k]fluoranthene	**0.18**		0.050	0.028	ug/L		06/24/24 07:55	06/24/24 20:36	1
Dibenz(a,h)anthracene	**0.066**	***1**	0.050	0.020	ug/L		06/24/24 07:55	06/24/24 20:36	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.050	0.036	ug/L		06/24/24 07:55	06/24/24 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**19**		10	1.1	ug/L		06/22/24 09:45	06/23/24 22:24	1
Acenaphthylene	**5.3**	**J**	10	0.82	ug/L		06/22/24 09:45	06/23/24 22:24	1
Anthracene	**1.7**	**J**	10	1.3	ug/L		06/22/24 09:45	06/23/24 22:24	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/22/24 09:45	06/23/24 22:24	1
Fluoranthene	**1.2**	**J**	10	0.84	ug/L		06/22/24 09:45	06/23/24 22:24	1
Fluorene	**7.2**	**J**	10	0.91	ug/L		06/22/24 09:45	06/23/24 22:24	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/22/24 09:45	06/23/24 22:24	1
Phenanthrene	**5.0**	**J**	10	1.3	ug/L		06/22/24 09:45	06/23/24 22:24	1
Pyrene	10	U	10	1.6	ug/L		06/22/24 09:45	06/23/24 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*46 - 139*	*06/22/24 09:45*	*06/23/24 22:24*	*1*
Nitrobenzene-d5 (Surr)	*105*		*51 - 145*	*06/22/24 09:45*	*06/23/24 22:24*	*1*
Terphenyl-d14 (Surr)	*70*		*13 - 159*	*06/22/24 09:45*	*06/23/24 22:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/19/24 22:13	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: MW-48S_20240618

Date Collected: 06/18/24 10:40
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**38**		1.0	0.41	ug/L			06/19/24 18:25	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 18:25	1
Ethylbenzene	**12**		1.0	0.74	ug/L			06/19/24 18:25	1
m-Xylene & p-Xylene	**2.0**		2.0	0.66	ug/L			06/19/24 18:25	1
o-Xylene	**11**		1.0	0.76	ug/L			06/19/24 18:25	1
Xylenes, Total	**13**		2.0	0.66	ug/L			06/19/24 18:25	1
Total BTEX	**63**		2.0	1.0	ug/L			06/19/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/19/24 18:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/19/24 18:25*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*06/19/24 18:25*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/19/24 18:25*	*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	**0.053**		0.050	0.016	ug/L		06/24/24 07:55	06/24/24 14:08	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/24/24 07:55	06/24/24 14:08	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/24/24 07:55	06/24/24 14:08	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/24/24 07:55	06/24/24 14:08	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/24/24 07:55	06/24/24 14:08	1
Dibenz(a,h)anthracene	0.050	U *1	0.050	0.020	ug/L		06/24/24 07:55	06/24/24 14:08	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/24/24 07:55	06/24/24 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**23**		10	1.1	ug/L		06/22/24 09:45	06/23/24 22:46	1
Acenaphthylene	10	U	10	0.82	ug/L		06/22/24 09:45	06/23/24 22:46	1
Anthracene	10	U	10	1.3	ug/L		06/22/24 09:45	06/23/24 22:46	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/22/24 09:45	06/23/24 22:46	1
Fluoranthene	10	U	10	0.84	ug/L		06/22/24 09:45	06/23/24 22:46	1
Fluorene	**2.1**	**J**	10	0.91	ug/L		06/22/24 09:45	06/23/24 22:46	1
Naphthalene	**73**		2.0	0.54	ug/L		06/22/24 09:45	06/23/24 22:46	1
Phenanthrene	**2.8**	**J**	10	1.3	ug/L		06/22/24 09:45	06/23/24 22:46	1
Pyrene	10	U	10	1.6	ug/L		06/22/24 09:45	06/23/24 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*46 - 139*	*06/22/24 09:45*	*06/23/24 22:46*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*06/22/24 09:45*	*06/23/24 22:46*	*1*
Terphenyl-d14 (Surr)	*48*		*13 - 159*	*06/22/24 09:45*	*06/23/24 22:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/19/24 22:42	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: DUP-1_202406

Date Collected: 06/18/24 00:00
Date Received: 06/19/24 10:00

Lab Sample ID: 480-220956-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.6**		1.0	0.41	ug/L			06/19/24 18:51	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 18:51	1
Ethylbenzene	**21**		1.0	0.74	ug/L			06/19/24 18:51	1
m-Xylene & p-Xylene	**3.5**		2.0	0.66	ug/L			06/19/24 18:51	1
o-Xylene	**16**		1.0	0.76	ug/L			06/19/24 18:51	1
Xylenes, Total	**20**		2.0	0.66	ug/L			06/19/24 18:51	1
Total BTEX	**42**		2.0	1.0	ug/L			06/19/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/19/24 18:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/19/24 18:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*06/19/24 18:51*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/19/24 18:51*	*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	**0.11**		0.050	0.016	ug/L		06/24/24 07:55	06/24/24 14:29	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/24/24 07:55	06/24/24 14:29	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/24/24 07:55	06/24/24 14:29	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/24/24 07:55	06/24/24 14:29	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/24/24 07:55	06/24/24 14:29	1
Dibenz(a,h)anthracene	0.050	U *1	0.050	0.020	ug/L		06/24/24 07:55	06/24/24 14:29	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/24/24 07:55	06/24/24 14:29	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		06/22/24 09:45	06/23/24 23:07	1
Acenaphthylene	**1.1**	**J**	10	0.82	ug/L		06/22/24 09:45	06/23/24 23:07	1
Anthracene	**2.9**	**J**	10	1.3	ug/L		06/22/24 09:45	06/23/24 23:07	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/22/24 09:45	06/23/24 23:07	1
Fluoranthene	**1.4**	**J**	10	0.84	ug/L		06/22/24 09:45	06/23/24 23:07	1
Fluorene	**14**		10	0.91	ug/L		06/22/24 09:45	06/23/24 23:07	1
Naphthalene	**20**		2.0	0.54	ug/L		06/22/24 09:45	06/23/24 23:07	1
Phenanthrene	**12**		10	1.3	ug/L		06/22/24 09:45	06/23/24 23:07	1
Pyrene	**1.9**	**J**	10	1.6	ug/L		06/22/24 09:45	06/23/24 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*46 - 139*	*06/22/24 09:45*	*06/23/24 23:07*	*1*
Nitrobenzene-d5 (Surr)	*108*		*51 - 145*	*06/22/24 09:45*	*06/23/24 23:07*	*1*
Terphenyl-d14 (Surr)	*64*		*13 - 159*	*06/22/24 09:45*	*06/23/24 23:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			06/19/24 22:45	1

Client Sample Results

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

Job ID: 480-220956-1

Client Sample ID: TRIP BLANK-202406

Lab Sample ID: 480-220956-10

Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/19/24 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			06/19/24 19:16	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 19:16	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 19:16	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 19:16	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 19:16	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 19:16	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/19/24 19:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/19/24 19:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*06/19/24 19:16*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/19/24 19:16*	*1*

Surrogate Summary

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

Job ID: 480-220956-1

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)
480-220956-1	MW-C11_20240617	110	117	115	109
480-220956-2	MW-C12_20240617	96	102	102	96
480-220956-2 MS	MW-C12_20240617 MS	96	102	97	105
480-220956-2 MSD	MW-C12_20240617 MSD	100	105	102	108
480-220956-3	MW-C16_20240617	111	113	113	105
480-220956-4	MW-13S_20240617	102	102	103	94
480-220956-5	MW-22S_20240618	101	103	105	96
480-220956-6	MW-23S_20240618	96	101	99	97
480-220956-7	MW-46S_20240618	93	103	96	98
480-220956-8	MW-48S_20240618	95	103	100	96
480-220956-9	DUP-1_202406	94	103	95	96
480-220956-10	TRIP BLANK-202406	95	103	101	96
LCS 480-716043/6	Lab Control Sample	109	108	113	103
LCS 480-716047/6	Lab Control Sample	96	104	95	104
LCS 480-716220/6	Lab Control Sample	96	103	99	103
MB 480-716043/8	Method Blank	105	106	105	99
MB 480-716047/8	Method Blank	97	106	100	97
MB 480-716220/9	Method Blank	96	102	102	98

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)	(13-159)
480-220956-1	MW-C11_20240617	45 S1-	69	56
480-220956-2	MW-C12_20240617	66	82	67
480-220956-2 MS	MW-C12_20240617 MS	63	79	59
480-220956-2 MSD	MW-C12_20240617 MSD	66	81	87
480-220956-3	MW-C16_20240617	81	86	94
480-220956-4	MW-13S_20240617	78	86	95
480-220956-5	MW-22S_20240618	78	86	94
480-220956-6	MW-23S_20240618	98	105	60
480-220956-7	MW-46S_20240618	100	105	70
480-220956-8	MW-48S_20240618	87	93	48
480-220956-9	DUP-1_202406	102	108	64
LCS 460-981480/2-A	Lab Control Sample	55	67	69
LCS 460-981623/2-A	Lab Control Sample	72	77	80
LCSD 460-981480/3-A	Lab Control Sample Dup	55	67	71
LCSD 460-981623/3-A	Lab Control Sample Dup	72	78	80
MB 460-981480/1-A	Method Blank	51	75	90
MB 460-981623/1-A	Method Blank	84	103	93

Surrogate Legend

FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: D&B Engineers and Architects, P.C.
Job ID: 480-220956-1
Project/Site: NYSEG - Court Street OMM

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

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

Lab Sample ID: MB 480-716043/8
Matrix: Water
Analysis Batch: 716043

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			06/19/24 13:03	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 13:03	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 13:03	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 13:03	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 13:03	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 13:03	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 13:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/19/24 13:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*06/19/24 13:03*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/19/24 13:03*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*06/19/24 13:03*	*1*

Lab Sample ID: LCS 480-716043/6
Matrix: Water
Analysis Batch: 716043

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	28.3		ug/L		113	71 - 124
Toluene	25.0	27.6		ug/L		110	80 - 122
Ethylbenzene	25.0	28.0		ug/L		112	77 - 123
m-Xylene & p-Xylene	25.0	28.1		ug/L		112	76 - 122
o-Xylene	25.0	25.2		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*109*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: MB 480-716047/8
Matrix: Water
Analysis Batch: 716047

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			06/19/24 13:29	1
Toluene	1.0	U	1.0	0.51	ug/L			06/19/24 13:29	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/19/24 13:29	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/19/24 13:29	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/19/24 13:29	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/19/24 13:29	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/19/24 13:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/19/24 13:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*06/19/24 13:29*	*1*

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

Lab Sample ID: MB 480-716047/8
Matrix: Water
Analysis Batch: 716047

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		06/19/24 13:29	1
Dibromofluoromethane (Surr)	97		75 - 123		06/19/24 13:29	1

Lab Sample ID: LCS 480-716047/6
Matrix: Water
Analysis Batch: 716047

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	25.6		ug/L		102	71 - 124
Toluene	25.0	22.8		ug/L		91	80 - 122
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
m-Xylene & p-Xylene	25.0	23.2		ug/L		93	76 - 122
o-Xylene	25.0	22.6		ug/L		90	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-220956-2 MS
Matrix: Water
Analysis Batch: 716047

Client Sample ID: MW-C12_20240617 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.0	U F1 F2	25.0	27.8		ug/L		111	71 - 124
Toluene	1.0	U	25.0	24.3		ug/L		97	80 - 122
Ethylbenzene	1.0	U	25.0	25.0		ug/L		100	77 - 123
m-Xylene & p-Xylene	2.0	U	25.0	25.0		ug/L		100	76 - 122
o-Xylene	1.0	U	25.0	24.2		ug/L		97	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123

Lab Sample ID: 480-220956-2 MSD
Matrix: Water
Analysis Batch: 716047

Client Sample ID: MW-C12_20240617 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	1.0	U F1 F2	25.0	32.2	F1 F2	ug/L		129	71 - 124	15	13
Toluene	1.0	U	25.0	28.2		ug/L		113	80 - 122	15	15
Ethylbenzene	1.0	U	25.0	28.5		ug/L		114	77 - 123	13	15
m-Xylene & p-Xylene	2.0	U	25.0	28.7		ug/L		115	76 - 122	14	16
o-Xylene	1.0	U	25.0	28.0		ug/L		112	76 - 122	14	16

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

Lab Sample ID: 480-220956-2 MSD
Matrix: Water
Analysis Batch: 716047

Client Sample ID: MW-C12_20240617 MSD
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*

Lab Sample ID: MB 480-716220/9
Matrix: Water
Analysis Batch: 716220

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			06/20/24 13:37	1
Toluene	1.0	U	1.0	0.51	ug/L			06/20/24 13:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			06/20/24 13:37	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			06/20/24 13:37	1
o-Xylene	1.0	U	1.0	0.76	ug/L			06/20/24 13:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			06/20/24 13:37	1
Total BTEX	2.0	U	2.0	1.0	ug/L			06/20/24 13:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/20/24 13:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/20/24 13:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/20/24 13:37*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/20/24 13:37*	*1*

Lab Sample ID: LCS 480-716220/6
Matrix: Water
Analysis Batch: 716220

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	25.0		ug/L		100	71 - 124		
Toluene			25.0	22.2		ug/L		89	80 - 122		
Ethylbenzene			25.0	22.6		ug/L		90	77 - 123		
m-Xylene & p-Xylene			25.0	23.1		ug/L		92	76 - 122		
o-Xylene			25.0	22.2		ug/L		89	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

QC Sample Results

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

Job ID: 480-220956-1

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

Lab Sample ID: MB 460-981480/1-A
Matrix: Water
Analysis Batch: 981562

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 981480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/21/24 08:59	06/22/24 08:00	1
Acenaphthylene	10	U	10	0.82	ug/L		06/21/24 08:59	06/22/24 08:00	1
Anthracene	10	U	10	1.3	ug/L		06/21/24 08:59	06/22/24 08:00	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/21/24 08:59	06/22/24 08:00	1
Fluoranthene	10	U	10	0.84	ug/L		06/21/24 08:59	06/22/24 08:00	1
Fluorene	10	U	10	0.91	ug/L		06/21/24 08:59	06/22/24 08:00	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/21/24 08:59	06/22/24 08:00	1
Phenanthrene	10	U	10	1.3	ug/L		06/21/24 08:59	06/22/24 08:00	1
Pyrene	10	U	10	1.6	ug/L		06/21/24 08:59	06/22/24 08:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*51*		*46 - 139*	*06/21/24 08:59*	*06/22/24 08:00*	*1*
Nitrobenzene-d5 (Surr)	*75*		*51 - 145*	*06/21/24 08:59*	*06/22/24 08:00*	*1*
Terphenyl-d14 (Surr)	*90*		*13 - 159*	*06/21/24 08:59*	*06/22/24 08:00*	*1*

Lab Sample ID: LCS 460-981480/2-A
Matrix: Water
Analysis Batch: 981562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 981480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	53.5		ug/L		67	62 - 127
Acenaphthylene	80.0	51.0		ug/L		64	58 - 122
Anthracene	80.0	57.0		ug/L		71	67 - 127
Chrysene	80.0	54.6	*-	ug/L		68	70 - 132
Fluoranthene	80.0	59.1		ug/L		74	69 - 137
Fluorene	80.0	58.1		ug/L		73	67 - 125
Naphthalene	80.0	37.3		ug/L		47	39 - 126
Phenanthrene	80.0	55.9		ug/L		70	68 - 126
Pyrene	80.0	58.8		ug/L		74	60 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*55*		*46 - 139*
Nitrobenzene-d5 (Surr)	*67*		*51 - 145*
Terphenyl-d14 (Surr)	*69*		*13 - 159*

Lab Sample ID: LCSD 460-981480/3-A
Matrix: Water
Analysis Batch: 981562

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 981480

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	80.0	52.7		ug/L		66	62 - 127	1	30
Acenaphthylene	80.0	50.3		ug/L		63	58 - 122	1	30
Anthracene	80.0	57.4		ug/L		72	67 - 127	1	30
Chrysene	80.0	56.7		ug/L		71	70 - 132	4	30
Fluoranthene	80.0	59.3		ug/L		74	69 - 137	0	30
Fluorene	80.0	57.7		ug/L		72	67 - 125	1	30
Naphthalene	80.0	37.1		ug/L		46	39 - 126	0	30
Phenanthrene	80.0	56.6		ug/L		71	68 - 126	1	30

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

Lab Sample ID: LCSD 460-981480/3-A
Matrix: Water
Analysis Batch: 981562

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 981480

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			80.0	61.4		ug/L		77	60 - 137	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*55*		*46 - 139*
Nitrobenzene-d5 (Surr)	*67*		*51 - 145*
Terphenyl-d14 (Surr)	*71*		*13 - 159*

Lab Sample ID: 480-220956-2 MS
Matrix: Water
Analysis Batch: 981562

Client Sample ID: MW-C12_20240617 MS
Prep Type: Total/NA
Prep Batch: 981480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	34		40.0	67.5		ug/L		84	62 - 127		
Acenaphthylene	10	U	40.0	27.2		ug/L		68	58 - 122		
Anthracene	10	U	40.0	30.9		ug/L		77	67 - 127		
Chrysene	2.0	U *-	40.0	29.7		ug/L		74	70 - 132		
Fluoranthene	10	U	40.0	30.9		ug/L		77	69 - 137		
Fluorene	4.5	J	40.0	36.3		ug/L		80	67 - 125		
Naphthalene	2.0	U	40.0	20.7		ug/L		52	39 - 126		
Phenanthrene	10	U	40.0	30.4		ug/L		76	68 - 126		
Pyrene	10	U	40.0	32.8		ug/L		82	60 - 137		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*46 - 139*
Nitrobenzene-d5 (Surr)	*79*		*51 - 145*
Terphenyl-d14 (Surr)	*59*		*13 - 159*

Lab Sample ID: 480-220956-2 MSD
Matrix: Water
Analysis Batch: 981562

Client Sample ID: MW-C12_20240617 MSD
Prep Type: Total/NA
Prep Batch: 981480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	34		40.0	67.1		ug/L		83	62 - 127	1	30
Acenaphthylene	10	U	40.0	28.2		ug/L		71	58 - 122	4	30
Anthracene	10	U	40.0	29.7		ug/L		74	67 - 127	4	30
Chrysene	2.0	U *-	40.0	29.2		ug/L		73	70 - 132	2	30
Fluoranthene	10	U	40.0	30.8		ug/L		77	69 - 137	0	30
Fluorene	4.5	J	40.0	35.8		ug/L		78	67 - 125	2	30
Naphthalene	2.0	U	40.0	22.7		ug/L		57	39 - 126	9	30
Phenanthrene	10	U	40.0	29.9		ug/L		75	68 - 126	2	30
Pyrene	10	U	40.0	32.1		ug/L		80	60 - 137	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*66*		*46 - 139*
Nitrobenzene-d5 (Surr)	*81*		*51 - 145*
Terphenyl-d14 (Surr)	*87*		*13 - 159*

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

Lab Sample ID: MB 460-981623/1-A
Matrix: Water
Analysis Batch: 981794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 981623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		06/22/24 09:45	06/23/24 17:22	1
Acenaphthylene	10	U	10	0.82	ug/L		06/22/24 09:45	06/23/24 17:22	1
Anthracene	10	U	10	1.3	ug/L		06/22/24 09:45	06/23/24 17:22	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/22/24 09:45	06/23/24 17:22	1
Fluoranthene	10	U	10	0.84	ug/L		06/22/24 09:45	06/23/24 17:22	1
Fluorene	10	U	10	0.91	ug/L		06/22/24 09:45	06/23/24 17:22	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/22/24 09:45	06/23/24 17:22	1
Phenanthrene	10	U	10	1.3	ug/L		06/22/24 09:45	06/23/24 17:22	1
Pyrene	10	U	10	1.6	ug/L		06/22/24 09:45	06/23/24 17:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*46 - 139*	*06/22/24 09:45*	*06/23/24 17:22*	*1*
Nitrobenzene-d5 (Surr)	*103*		*51 - 145*	*06/22/24 09:45*	*06/23/24 17:22*	*1*
Terphenyl-d14 (Surr)	*93*		*13 - 159*	*06/22/24 09:45*	*06/23/24 17:22*	*1*

Lab Sample ID: LCS 460-981623/2-A
Matrix: Water
Analysis Batch: 981794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 981623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	65.6		ug/L		82	62 - 127
Acenaphthylene	80.0	65.4		ug/L		82	58 - 122
Anthracene	80.0	68.7		ug/L		86	67 - 127
Chrysene	80.0	67.8		ug/L		85	70 - 132
Fluoranthene	80.0	74.7		ug/L		93	69 - 137
Fluorene	80.0	72.4		ug/L		90	67 - 125
Naphthalene	80.0	60.7		ug/L		76	39 - 126
Phenanthrene	80.0	69.2		ug/L		86	68 - 126
Pyrene	80.0	69.8		ug/L		87	60 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*46 - 139*
Nitrobenzene-d5 (Surr)	*77*		*51 - 145*
Terphenyl-d14 (Surr)	*80*		*13 - 159*

Lab Sample ID: LCSD 460-981623/3-A
Matrix: Water
Analysis Batch: 981794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 981623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	80.0	66.4		ug/L		83	62 - 127	1	30
Acenaphthylene	80.0	65.3		ug/L		82	58 - 122	0	30
Anthracene	80.0	68.5		ug/L		86	67 - 127	0	30
Chrysene	80.0	67.8		ug/L		85	70 - 132	0	30
Fluoranthene	80.0	75.7		ug/L		95	69 - 137	1	30
Fluorene	80.0	72.7		ug/L		91	67 - 125	1	30
Naphthalene	80.0	60.9		ug/L		76	39 - 126	0	30
Phenanthrene	80.0	68.6		ug/L		86	68 - 126	1	30

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

Lab Sample ID: LCSD 460-981623/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981794 — **Prep Batch: 981623**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			80.0	70.0		ug/L		88	60 - 137	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*46 - 139*
Nitrobenzene-d5 (Surr)	*78*		*51 - 145*
Terphenyl-d14 (Surr)	*80*		*13 - 159*

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

Lab Sample ID: MB 460-981480/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981569 — **Prep Batch: 981480**

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		06/21/24 08:59	06/22/24 07:48	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/21/24 08:59	06/22/24 07:48	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/21/24 08:59	06/22/24 07:48	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/21/24 08:59	06/22/24 07:48	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/21/24 08:59	06/22/24 07:48	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/21/24 08:59	06/22/24 07:48	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/21/24 08:59	06/22/24 07:48	1

Lab Sample ID: LCS 460-981480/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981569 — **Prep Batch: 981480**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[a]anthracene			2.00	1.66		ug/L		83	56 - 150		
Benzo[a]pyrene			2.00	1.71		ug/L		85	48 - 150		
Benzo[b]fluoranthene			2.00	1.98		ug/L		99	39 - 150		
Benzo[g,h,i]perylene			2.00	1.36		ug/L		68	13 - 150		
Benzo[k]fluoranthene			2.00	1.52		ug/L		76	38 - 150		
Dibenz(a,h)anthracene			2.00	1.43		ug/L		72	10 - 150		
Indeno[1,2,3-cd]pyrene			2.00	1.38		ug/L		69	10 - 150		

Lab Sample ID: LCSD 460-981480/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981569 — **Prep Batch: 981480**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene			2.00	1.82		ug/L		91	56 - 150	9	30
Benzo[a]pyrene			2.00	1.87		ug/L		93	48 - 150	9	30
Benzo[b]fluoranthene			2.00	1.71		ug/L		85	39 - 150	15	30
Benzo[g,h,i]perylene			2.00	1.48		ug/L		74	13 - 150	9	30
Benzo[k]fluoranthene			2.00	2.00		ug/L		100	38 - 150	27	30
Dibenz(a,h)anthracene			2.00	1.51		ug/L		75	10 - 150	5	30
Indeno[1,2,3-cd]pyrene			2.00	1.50		ug/L		75	10 - 150	9	30

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

Lab Sample ID: 480-220956-2 MS — **Client Sample ID: MW-C12_20240617 MS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981572 — **Prep Batch: 981480**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.050	U	40.0	44.8		ug/L		112	56 - 150
Benzo[a]pyrene	0.050	U	40.0	50.0		ug/L		125	48 - 150
Benzo[b]fluoranthene	0.050	U	40.0	37.3		ug/L		93	39 - 150
Benzo[g,h,i]perylene	0.050	U	40.0	42.6		ug/L		106	13 - 150
Benzo[k]fluoranthene	0.050	U	40.0	39.5		ug/L		99	38 - 150
Dibenz(a,h)anthracene	0.050	U	40.0	28.6	E	ug/L		72	10 - 150
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	51.3		ug/L		128	10 - 150

Lab Sample ID: 480-220956-2 MSD — **Client Sample ID: MW-C12_20240617 MSD**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981572 — **Prep Batch: 981480**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	0.050	U	40.0	40.9		ug/L		102	56 - 150	9	30
Benzo[a]pyrene	0.050	U	40.0	46.5		ug/L		116	48 - 150	7	30
Benzo[b]fluoranthene	0.050	U	40.0	33.4		ug/L		84	39 - 150	11	30
Benzo[g,h,i]perylene	0.050	U	40.0	39.0		ug/L		97	13 - 150	9	30
Benzo[k]fluoranthene	0.050	U	40.0	38.5		ug/L		96	38 - 150	3	30
Dibenz(a,h)anthracene	0.050	U	40.0	27.2	E	ug/L		68	10 - 150	5	30
Indeno[1,2,3-cd]pyrene	0.050	U	40.0	47.1		ug/L		118	10 - 150	9	30

Lab Sample ID: MB 460-981856/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981870 — **Prep Batch: 981856**

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		06/24/24 07:55	06/24/24 12:02	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		06/24/24 07:55	06/24/24 12:02	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		06/24/24 07:55	06/24/24 12:02	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		06/24/24 07:55	06/24/24 12:02	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		06/24/24 07:55	06/24/24 12:02	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		06/24/24 07:55	06/24/24 12:02	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		06/24/24 07:55	06/24/24 12:02	1

Lab Sample ID: LCS 460-981856/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 981870 — **Prep Batch: 981856**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	1.46		ug/L		73	56 - 150
Benzo[a]pyrene	2.00	1.53		ug/L		77	48 - 150
Benzo[b]fluoranthene	2.00	1.31		ug/L		65	39 - 150
Benzo[g,h,i]perylene	2.00	1.78		ug/L		89	13 - 150
Benzo[k]fluoranthene	2.00	1.35		ug/L		68	38 - 150
Dibenz(a,h)anthracene	2.00	1.94		ug/L		97	10 - 150
Indeno[1,2,3-cd]pyrene	2.00	1.85		ug/L		93	10 - 150

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

Lab Sample ID: LCSD 460-981856/3-A
Matrix: Water
Analysis Batch: 981870

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 981856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	1.49		ug/L		75	56 - 150	2	30
Benzo[a]pyrene	2.00	1.30		ug/L		65	48 - 150	16	30
Benzo[b]fluoranthene	2.00	1.16		ug/L		58	39 - 150	12	30
Benzo[g,h,i]perylene	2.00	1.43		ug/L		72	13 - 150	22	30
Benzo[k]fluoranthene	2.00	1.20		ug/L		60	38 - 150	11	30
Dibenz(a,h)anthracene	2.00	1.38	*1	ug/L		69	10 - 150	34	30
Indeno[1,2,3-cd]pyrene	2.00	1.51		ug/L		75	10 - 150	21	30

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

Lab Sample ID: MB 480-716295/21
Matrix: Water
Analysis Batch: 716295

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			06/19/24 20:16	1

Lab Sample ID: MB 480-716295/47
Matrix: Water
Analysis Batch: 716295

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0128		0.010	0.0041	mg/L			06/19/24 21:42	1

Lab Sample ID: HLCS 480-716295/22
Matrix: Water
Analysis Batch: 716295

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	0.404		mg/L		101	90 - 110

Lab Sample ID: LCS 480-716295/23
Matrix: Water
Analysis Batch: 716295

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	0.255		mg/L		102	90 - 110

Lab Sample ID: LCS 480-716295/48
Matrix: Water
Analysis Batch: 716295

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

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

Lab Sample ID: MB 480-717034/21 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			06/26/24 20:15	1

Lab Sample ID: MB 480-717034/47 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			06/26/24 21:41	1

Lab Sample ID: HLCS 480-717034/22 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.408		mg/L		102	90 - 110

Lab Sample ID: LCS 480-717034/23 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.252		mg/L		101	90 - 110

Lab Sample ID: LCS 480-717034/48 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.253		mg/L		101	90 - 110

Lab Sample ID: 480-220956-1 MS — **Client Sample ID: MW-C11_20240617**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.013		0.100	0.106		mg/L		94	90 - 110

Lab Sample ID: 480-220956-2 MS — **Client Sample ID: MW-C12_20240617 MS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.013		0.100	0.108		mg/L		95	90 - 110

Lab Sample ID: 480-220956-2 MSD — **Client Sample ID: MW-C12_20240617 MSD**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 717034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.013		0.100	0.110		mg/L		97	90 - 110	2	15

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

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

Glossary

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

GC/MS VOA

Analysis Batch: 716043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-1	MW-C11_20240617	Total/NA	Water	8260C	
480-220956-3	MW-C16_20240617	Total/NA	Water	8260C	
480-220956-4	MW-13S_20240617	Total/NA	Water	8260C	
480-220956-5	MW-22S_20240618	Total/NA	Water	8260C	
MB 480-716043/8	Method Blank	Total/NA	Water	8260C	
LCS 480-716043/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 716047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-2	MW-C12_20240617	Total/NA	Water	8260C	
480-220956-8	MW-48S_20240618	Total/NA	Water	8260C	
480-220956-9	DUP-1_202406	Total/NA	Water	8260C	
480-220956-10	TRIP BLANK-202406	Total/NA	Water	8260C	
MB 480-716047/8	Method Blank	Total/NA	Water	8260C	
LCS 480-716047/6	Lab Control Sample	Total/NA	Water	8260C	
480-220956-2 MS	MW-C12_20240617 MS	Total/NA	Water	8260C	
480-220956-2 MSD	MW-C12_20240617 MSD	Total/NA	Water	8260C	

Analysis Batch: 716220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-6	MW-23S_20240618	Total/NA	Water	8260C	
480-220956-7	MW-46S_20240618	Total/NA	Water	8260C	
MB 480-716220/9	Method Blank	Total/NA	Water	8260C	
LCS 480-716220/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 981480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-1	MW-C11_20240617	Total/NA	Water	3510C	
480-220956-2	MW-C12_20240617	Total/NA	Water	3510C	
480-220956-3	MW-C16_20240617	Total/NA	Water	3510C	
480-220956-4	MW-13S_20240617	Total/NA	Water	3510C	
480-220956-5	MW-22S_20240618	Total/NA	Water	3510C	
MB 460-981480/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-981480/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-981480/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-981480/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-981480/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-220956-2 MS	MW-C12_20240617 MS	Total/NA	Water	3510C	
480-220956-2 MSD	MW-C12_20240617 MSD	Total/NA	Water	3510C	

Analysis Batch: 981562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-1	MW-C11_20240617	Total/NA	Water	8270E	981480
480-220956-2	MW-C12_20240617	Total/NA	Water	8270E	981480
480-220956-3	MW-C16_20240617	Total/NA	Water	8270E	981480
480-220956-4	MW-13S_20240617	Total/NA	Water	8270E	981480
480-220956-5	MW-22S_20240618	Total/NA	Water	8270E	981480
MB 460-981480/1-A	Method Blank	Total/NA	Water	8270E	981480
LCS 460-981480/2-A	Lab Control Sample	Total/NA	Water	8270E	981480

GC/MS Semi VOA (Continued)

Analysis Batch: 981562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-981480/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	981480
480-220956-2 MS	MW-C12_20240617 MS	Total/NA	Water	8270E	981480
480-220956-2 MSD	MW-C12_20240617 MSD	Total/NA	Water	8270E	981480

Analysis Batch: 981569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-2	MW-C12_20240617	Total/NA	Water	8270E SIM	981480
480-220956-3	MW-C16_20240617	Total/NA	Water	8270E SIM	981480
480-220956-4	MW-13S_20240617	Total/NA	Water	8270E SIM	981480
MB 460-981480/1-A	Method Blank	Total/NA	Water	8270E SIM	981480
LCS 460-981480/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	981480
LCSD 460-981480/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	981480

Analysis Batch: 981572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-2 MS	MW-C12_20240617 MS	Total/NA	Water	8270E SIM	981480
480-220956-2 MSD	MW-C12_20240617 MSD	Total/NA	Water	8270E SIM	981480

Prep Batch: 981623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-6	MW-23S_20240618	Total/NA	Water	3510C	
480-220956-7	MW-46S_20240618	Total/NA	Water	3510C	
480-220956-8	MW-48S_20240618	Total/NA	Water	3510C	
480-220956-9	DUP-1_202406	Total/NA	Water	3510C	
MB 460-981623/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-981623/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-981623/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 981794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-6	MW-23S_20240618	Total/NA	Water	8270E	981623
480-220956-7	MW-46S_20240618	Total/NA	Water	8270E	981623
480-220956-8	MW-48S_20240618	Total/NA	Water	8270E	981623
480-220956-9	DUP-1_202406	Total/NA	Water	8270E	981623
MB 460-981623/1-A	Method Blank	Total/NA	Water	8270E	981623
LCS 460-981623/2-A	Lab Control Sample	Total/NA	Water	8270E	981623
LCSD 460-981623/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	981623

Prep Batch: 981856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-6	MW-23S_20240618	Total/NA	Water	3510C	
480-220956-7	MW-46S_20240618	Total/NA	Water	3510C	
480-220956-8	MW-48S_20240618	Total/NA	Water	3510C	
480-220956-9	DUP-1_202406	Total/NA	Water	3510C	
MB 460-981856/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-981856/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-981856/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 981870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-1	MW-C11_20240617	Total/NA	Water	8270E SIM	981480

GC/MS Semi VOA (Continued)

Analysis Batch: 981870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-5	MW-22S_20240618	Total/NA	Water	8270E SIM	981480
480-220956-6	MW-23S_20240618	Total/NA	Water	8270E SIM	981856
480-220956-7	MW-46S_20240618	Total/NA	Water	8270E SIM	981856
480-220956-8	MW-48S_20240618	Total/NA	Water	8270E SIM	981856
480-220956-9	DUP-1_202406	Total/NA	Water	8270E SIM	981856
MB 460-981856/1-A	Method Blank	Total/NA	Water	8270E SIM	981856
LCS 460-981856/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	981856
LCSD 460-981856/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	981856

General Chemistry

Analysis Batch: 716295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-3	MW-C16_20240617	Total/NA	Water	9012B	
480-220956-4	MW-13S_20240617	Total/NA	Water	9012B	
480-220956-7	MW-46S_20240618	Total/NA	Water	9012B	
480-220956-8	MW-48S_20240618	Total/NA	Water	9012B	
480-220956-9	DUP-1_202406	Total/NA	Water	9012B	
MB 480-716295/21	Method Blank	Total/NA	Water	9012B	
MB 480-716295/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-716295/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-716295/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-716295/48	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 717034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220956-1	MW-C11_20240617	Total/NA	Water	9012B	
480-220956-2	MW-C12_20240617	Total/NA	Water	9012B	
480-220956-5	MW-22S_20240618	Total/NA	Water	9012B	
480-220956-6	MW-23S_20240618	Total/NA	Water	9012B	
MB 480-717034/21	Method Blank	Total/NA	Water	9012B	
MB 480-717034/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-717034/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-717034/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-717034/48	Lab Control Sample	Total/NA	Water	9012B	
480-220956-1 MS	MW-C11_20240617	Total/NA	Water	9012B	
480-220956-2 MS	MW-C12_20240617 MS	Total/NA	Water	9012B	
480-220956-2 MSD	MW-C12_20240617 MSD	Total/NA	Water	9012B	

Lab Chronicle

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

Job ID: 480-220956-1

Client Sample ID: MW-C11_20240617

Lab Sample ID: 480-220956-1
Date Collected: 06/17/24 10:40
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	716043	ZN	EET BUF	06/19/24 19:12
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E		1	981562	YAH	EET EDI	06/22/24 12:24
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 10:38
Total/NA	Analysis	9012B		1	717034	GW	EET BUF	06/26/24 20:28

Client Sample ID: MW-C12_20240617

Lab Sample ID: 480-220956-2
Date Collected: 06/17/24 13:10
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716047	ERS	EET BUF	06/19/24 19:41
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E		1	981562	YAH	EET EDI	06/22/24 12:46
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E SIM		1	981569	YAH	EET EDI	06/22/24 18:00
Total/NA	Analysis	9012B		1	717034	GW	EET BUF	06/26/24 20:55

Client Sample ID: MW-C16_20240617

Lab Sample ID: 480-220956-3
Date Collected: 06/17/24 11:45
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716043	ZN	EET BUF	06/19/24 19:35
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E		1	981562	YAH	EET EDI	06/22/24 13:50
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E SIM		1	981569	YAH	EET EDI	06/22/24 18:21
Total/NA	Analysis	9012B		1	716295	GW	EET BUF	06/19/24 22:00

Client Sample ID: MW-13S_20240617

Lab Sample ID: 480-220956-4
Date Collected: 06/17/24 15:05
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716043	ZN	EET BUF	06/19/24 19:58
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E		1	981562	YAH	EET EDI	06/22/24 14:12
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E SIM		1	981569	YAH	EET EDI	06/22/24 18:42
Total/NA	Analysis	9012B		1	716295	GW	EET BUF	06/19/24 22:03

Client Sample ID: MW-22S_20240618 — Lab Sample ID: 480-220956-5

Date Collected: 06/18/24 12:00 — **Matrix: Water**
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716043	ZN	EET BUF	06/19/24 20:22
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E		1	981562	YAH	EET EDI	06/22/24 14:34
Total/NA	Prep	3510C			981480	BXP	EET EDI	06/21/24 09:01
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 10:59
Total/NA	Analysis	9012B		5	717034	GW	EET BUF	06/26/24 20:35

Client Sample ID: MW-23S_20240618 — Lab Sample ID: 480-220956-6

Date Collected: 06/18/24 09:20 — **Matrix: Water**
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716220	ERS	EET BUF	06/20/24 16:03
Total/NA	Prep	3510C			981623	NMP	EET EDI	06/22/24 09:45
Total/NA	Analysis	8270E		1	981794	YAH	EET EDI	06/23/24 22:03
Total/NA	Prep	3510C			981856	BXP	EET EDI	06/24/24 07:55
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 13:26
Total/NA	Analysis	9012B		1	717034	GW	EET BUF	06/26/24 20:38

Client Sample ID: MW-46S_20240618 — Lab Sample ID: 480-220956-7

Date Collected: 06/18/24 13:20 — **Matrix: Water**
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	716220	ERS	EET BUF	06/20/24 16:28
Total/NA	Prep	3510C			981623	NMP	EET EDI	06/22/24 09:45
Total/NA	Analysis	8270E		1	981794	YAH	EET EDI	06/23/24 22:24
Total/NA	Prep	3510C			981856	BXP	EET EDI	06/24/24 07:55
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 20:36
Total/NA	Analysis	9012B		1	716295	GW	EET BUF	06/19/24 22:13

Client Sample ID: MW-48S_20240618 — Lab Sample ID: 480-220956-8

Date Collected: 06/18/24 10:40 — **Matrix: Water**
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716047	ERS	EET BUF	06/19/24 18:25
Total/NA	Prep	3510C			981623	NMP	EET EDI	06/22/24 09:45
Total/NA	Analysis	8270E		1	981794	YAH	EET EDI	06/23/24 22:46
Total/NA	Prep	3510C			981856	BXP	EET EDI	06/24/24 07:55
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 14:08
Total/NA	Analysis	9012B		1	716295	GW	EET BUF	06/19/24 22:42

Lab Chronicle

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

Job ID: 480-220956-1

Client Sample ID: DUP-1_202406

Lab Sample ID: 480-220956-9

Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716047	ERS	EET BUF	06/19/24 18:51
Total/NA	Prep	3510C			981623	NMP	EET EDI	06/22/24 09:45
Total/NA	Analysis	8270E		1	981794	YAH	EET EDI	06/23/24 23:07
Total/NA	Prep	3510C			981856	BXP	EET EDI	06/24/24 07:55
Total/NA	Analysis	8270E SIM		1	981870	DXD	EET EDI	06/24/24 14:29
Total/NA	Analysis	9012B		1	716295	GW	EET BUF	06/19/24 22:45

Client Sample ID: TRIP BLANK-202406

Lab Sample ID: 480-220956-10

Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/19/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	716047	ERS	EET BUF	06/19/24 19:16

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: 480-220956-1
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	03-31-25

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10026. 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

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
10ppm CN MS_00418	06/26/24	06/19/24	Di Water, Lot Di Water	50 mL	WC_CN 50int_00094	10 mL	Cyanide, Total	10 mg/L
.WC_CN 50int_00094	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN complex_00006	5 mL	Cyanide, Total	50 mg/L
..WC_CN complex_00006	07/05/25	abosolute, Lot 070523			(Purchased Reagent)		Cyanide, Total	1000 mg/L
8260 CORP mix_00254	06/24/24	04/24/24	Methanol, Lot 22C2362001	20 mL	2-CEVE_00225	800 uL	2-Chloroethyl vinyl ether	100 ug/mL
					Acrolein Mix_00497	500 uL	Acrolein	500 ug/mL
					Ketones_00219	800 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					MegaMix_00222	800 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Ethylene Dibromide	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					Vinyl Acetate_00354	800 uL	Vinyl acetate	200 ug/mL
.2-CEVE_00225	01/31/26		Restek, Lot A0193735		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.Acrolein Mix_00497	07/31/24		Restek, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
.Ketones_00219	01/31/26		Restek, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MegaMix_00222	09/30/24		Restek, Lot A0183568		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00354	01/31/25	Restek, Lot A0200199			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260 CORP mix_00255	07/20/24	05/20/24	Methanol, Lot 22C2362001	20 mL	2-CEVE_00226	800 uL	2-Chloroethyl vinyl ether	100 ug/mL
					Acrolein Mix_00498	500 uL	Acrolein	500 ug/mL
					Ketones_00220	800 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					MegaMix_00223	800 uL	1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chlorodibromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL
							cis-1,3-Dichloropropene	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromomethane	100 ug/mL
							Dichlorobromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Ethylene Dibromide	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
					Vinyl Acetate_00355	800 uL	Vinyl acetate	200 ug/mL
.2-CEVE_00226	01/31/26		Restek, Lot A0193735		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.Acrolein Mix_00498	07/31/24		Restek, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
.Ketones_00220	01/31/26		Restek, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MegaMix_00223	09/30/24		Restek, Lot A0183568		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00355	01/31/25	Restek, Lot A0200199			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260 CORP mix_00256	08/10/24	06/10/24	Methanol, Lot 22C2362001	20 mL	MegaMix_00224	800 uL	Benzene	100 ug/mL
							Ethylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							o-Xylene	100 ug/mL
							Toluene	100 ug/mL
.MegaMix_00224	09/30/24	Restek, Lot A0183568			(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							o-Xylene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	2500 ug/mL
BFB_WRK_00161							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_STK_00092	20 uL	BFB	50 ug/mL
.MV_BFB_STK_00092	09/30/24	Supelco, Lot LRAD0322			(Purchased Reagent)		BFB	25000 ug/mL
BFB_WRK_00162							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV_BFB_STK_00092	20 uL	BFB	50 ug/mL
.MV_BFB_STK_00092	09/30/24	Supelco, Lot LRAD0322			(Purchased Reagent)		BFB	25000 ug/mL
GAS CORP mix_00618	06/02/24	05/02/24	Methanol, Lot EA832US	20 mL	SS8260-624gas_00542	800 uL	Bromomethane	100 ug/mL
							Butadiene	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Dichlorofluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
.SS8260-624gas_00542	04/30/27	Restek, Lot A0210106			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS CORP mix_00619	06/20/24	05/20/24	Methanol, Lot EA832US	20 mL	SS8260-624gas_00543	800 uL	Bromomethane	100 ug/mL
							Butadiene	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Dichlorofluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
.SS8260-624gas_00543	04/30/27	Restek, Lot A0210106			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
L_8260_IS_00056	07/10/24	05/10/24	P&T Methanol, Lot ec126us	5 mL	IS_STK_01749	125 uL	1,4-Dichlorobenzene-d4	62.5 ug/mL
							Chlorobenzene-d5	62.5 ug/mL
							Fluorobenzene (IS)	62.5 ug/mL
.IS_STK_01749	02/28/29		Restek, Lot A0207291		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
L_8260_SURR_00054	07/10/24	05/10/24	P&T Methanol, Lot ec126us	5 mL	SURR_STK_00547	125 uL	1,2-Dichloroethane-d4 (Surr)	62.5 ug/mL
							4-Bromofluorobenzene (Surr)	62.5 ug/mL
							Dibromofluoromethane (Surr)	62.5 ug/mL
							Toluene-d8 (Surr)	62.5 ug/mL
.SURR_STK_00547	09/30/28		Restek, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
S_8260_IS_00388	07/06/24	05/06/24	P&T Methanol, Lot 230446	20 mL	IS_STK_01747	1 mL	1,4-Dichlorobenzene-d4	125 ug/mL
							Chlorobenzene-d5	125 ug/mL
							Fluorobenzene (IS)	125 ug/mL
.IS_STK_01747	02/28/29		Restek, Lot A0207291		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
S_8260_IS_00390	07/23/24	05/23/24	P&T Methanol, Lot 230446	20 mL	IS_STK_01754	1 mL	1,4-Dichlorobenzene-d4	125 ug/mL
							Chlorobenzene-d5	125 ug/mL
							Fluorobenzene (IS)	125 ug/mL
.IS_STK_01754	02/28/29		Restek, Lot A0207291		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
S_8260_Surr_00479	07/06/24	05/06/24	P&T Methanol, Lot 288059	20 mL	SURR_STK_00548	1 mL	1,2-Dichloroethane-d4 (Surr)	125 ug/mL
							4-Bromofluorobenzene (Surr)	125 ug/mL
							Dibromofluoromethane (Surr)	125 ug/mL
							Toluene-d8 (Surr)	125 ug/mL
.SURR_STK_00548	11/06/28		Restek, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
S_8260_Surr_00480	07/21/24	05/21/24	P&T Methanol, Lot 288059	20 mL	SURR_STK_00549	1 mL	1,2-Dichloroethane-d4 (Surr)	125 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromofluorobenzene (Surr)	125 ug/mL
							Dibromofluoromethane (Surr)	125 ug/mL
							Toluene-d8 (Surr)	125 ug/mL
.SURR_STK_00549	11/21/28	Restek, Lot A0201943			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
SS 8260 CORP_00114	06/02/24	04/02/24	Methanol, Lot EH471US	20 mL	SS_MegaMix_00127	800 uL	Benzene	100 mg/L
							Ethylbenzene	100 mg/L
							m-Xylene & p-Xylene	100 mg/L
							o-Xylene	100 mg/L
							Toluene	100 mg/L
.SS_MegaMix_00127	08/31/25	Restek, Lot A0195252			(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Toluene	2500 ug/mL
WC_CN 0.400_00237	06/20/24	06/20/24	NAOH 0.025N, Lot na	50 mL	WC_CN 50int_00094	400 uL	Cyanide, Total	0.4 mg/L
.WC_CN 50int_00094	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN complex_00006	5 mL	Cyanide, Total	50 mg/L
..WC_CN complex_00006	07/05/25	abosolute, Lot 070523			(Purchased Reagent)		Cyanide, Total	1000 mg/L
WC_CN 0.400_00238	06/26/24	06/26/24	NAOH 0.025N, Lot na	50 mL	WC_CN 50int_00094	400 uL	Cyanide, Total	0.4 mg/L
.WC_CN 50int_00094	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN complex_00006	5 mL	Cyanide, Total	50 mg/L
..WC_CN complex_00006	07/05/25	abosolute, Lot 070523			(Purchased Reagent)		Cyanide, Total	1000 mg/L
WC_CN CCV/LCS_00406	06/20/24	06/20/24	DI Water, Lot na	200 mL	WC_CN 50int_00094	1 mL	Cyanide, Total	0.25 mg/L as N
.WC_CN 50int_00094	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN complex_00006	5 mL	Cyanide, Total	50 mg/L
..WC_CN complex_00006	07/05/25	abosolute, Lot 070523			(Purchased Reagent)		Cyanide, Total	1000 mg/L
WC_CN CCV/LCS_00409	06/26/24	06/26/24	DI Water, Lot na	200 mL	WC_CN 50int_00094	1 mL	Cyanide, Total	0.25 mg/L as N
.WC_CN 50int_00094	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN complex_00006	5 mL	Cyanide, Total	50 mg/L
..WC_CN complex_00006	07/05/25	abosolute, Lot 070523			(Purchased Reagent)		Cyanide, Total	1000 mg/L
WC_CN ICV_00233	06/20/24	06/20/24	NAOH 0.025N, Lot na	50 mL	WC_CN50-2int_00095	250 uL	Cyanide, Total	0.25 mg/L
.WC_CN50-2int_00095	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN1000ppmS_00036	5 mL	Cyanide, Total	50 mg/L
..WC_CN1000ppmS_00036	09/30/24	Agilent, Lot 0006698343			(Purchased Reagent)		Cyanide, Total	1000 mg/L
WC_CN ICV_00234	06/26/24	06/26/24	NAOH 0.025N, Lot na	50 mL	WC_CN50-2int_00095	250 uL	Cyanide, Total	0.25 mg/L
.WC_CN50-2int_00095	06/26/24	06/19/24	DI Water, Lot na	100 mL	WC_CN1000ppmS_00036	5 mL	Cyanide, Total	50 mg/L
..WC_CN1000ppmS_00036	09/30/24	Agilent, Lot 0006698343			(Purchased Reagent)		Cyanide, Total	1000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
OP_Benzald_sp_00020	07/30/24		RESTEK, Lot A0193487		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
OP_BNA SIM SP_00030	07/30/24	11/08/23	Acetone, Lot 131184	100 mL	OP_BNA SPIK_00050	10 mL	1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Benzonitrile	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	5 ug/mL
							Benzoic acid	10 ug/mL
							Indene	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
.OP_BNA SPIK_00050	07/30/24	11/08/23	Acetone, Lot 131184	200 mL	OP_Agilent456_00007	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00004	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00014	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL
					OP_MEGA_2017_00013	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00013	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
..OP_Agilent456_00007	12/31/24		Agilent, Lot 6715186		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..OP_Agilent457_00004	12/31/24		Agilent, Lot 6715838		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..OP_BenzAcid_00014	07/30/24		Restek, Lot A0193718		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..OP_MEGA_2017_00013	01/30/25		Restek, Lot A0200447		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..OP_std #1_BNA_00013	08/31/24	Restek, Lot A0194453			(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNA SPIK_00051	07/30/24	12/05/23	Acetone, Lot 131184	200 mL	OP_Agilent456_00007	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00004	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00014	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL
					OP_MEGA_2017_00014	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00013	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
.OP_Agilent456_00007	12/31/24		Agilent, Lot 6715186		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
.OP_Agilent457_00004	12/31/24		Agilent, Lot 6715838		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
.OP_BenzAcid_00014	07/30/24		Restek, Lot A0193718		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.OP_MEGA_2017_00014	05/31/25		Restek, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
.OP_std #1_BNA_00013	08/31/24	Restek, Lot A0194453			(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNASurroga_00029	10/30/24	04/23/24	Acetone, Lot 23H2462011	1000 mL	OP_BNA_SURR_00012	20 mL	2,4,6-Tribromophenol	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
.OP_BNA_SURR_00012	12/31/24	Agilent, Lot 6715760			(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SM_ISTD_LVI_00197	03/30/25	03/26/24	MeCl2, Lot 762001	50 mL	SM_ISTD_00197	10 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
.SM_ISTD_00197	10/31/26	Agilent, Lot 0006760251			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_SIMICV_LVI_00037	05/05/25	05/05/24	MeCl2, Lot 2562011	10 mL	SM_SIM_D8-ICV_00023	2 mL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_SIM_D8-ICV_00023	05/05/25	05/05/24	MeCl2, Lot 2562011	10 mL	SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_SIMICV_LVI_00037	05/05/25	05/05/24	MeCl2, Lot 2562011	10 mL	SM_SIM_D8-ICV_00023	2 mL	Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
.SM_SIM_D8-ICV_00023	05/05/25	05/05/24	MeCl2, Lot 2562011	10 mL	SM_PAHmixS2nd_00012	100 uL	Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
..SM_PAHmixS2nd_00012	07/16/26		accustandard, Lot 222051256-01		(Purchased Reagent)		Benzo[a]anthracene	0.1 mg/mL
							Benzo[a]pyrene	0.1 mg/mL
							Benzo[b]fluoranthene	0.1 mg/mL
							Benzo[g,h,i]perylene	0.1 mg/mL
							Benzo[k]fluoranthene	0.1 mg/mL
							Dibenz(a,h)anthracene	0.1 mg/mL
							Indeno[1,2,3-cd]pyrene	0.1 mg/mL
SM_SIMISTDLVI_00035	06/10/25	06/10/24	MeCl2, Lot 2562011	50 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL1_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL1_00020	2 mL	4,6-Dinitro-2-methylphenol	0.04 ug/mL
							2,4,6-Tribromophenol	0.1 ug/mL
							2-Fluorobiphenyl	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.002 ug/mL
							Hexachlorobenzene	0.002 ug/mL
							N-Nitrosodimethylamine	0.02 ug/mL
							1,4-Dioxane	0.02 ug/mL
							Acenaphthene	0.005 ug/mL
							Acenaphthylene	0.005 ug/mL
							Anthracene	0.005 ug/mL
							Benzo[a]anthracene	0.005 ug/mL
							Benzo[a]pyrene	0.005 ug/mL
							Benzo[b]fluoranthene	0.005 ug/mL
							Benzo[g,h,i]perylene	0.005 ug/mL
							Benzo[k]fluoranthene	0.005 ug/mL
							Chrysene	0.005 ug/mL
							Dibenz(a,h)anthracene	0.005 ug/mL
							Fluoranthene	0.005 ug/mL
							Fluorene	0.005 ug/mL
							Indeno[1,2,3-cd]pyrene	0.005 ug/mL
							Naphthalene	0.005 ug/mL
							Phenanthrene	0.005 ug/mL
							Pyrene	0.005 ug/mL
							Pentachlorophenol	0.02 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL1_00020	06/12/24	06/12/23	MeCl2, Lot 2462008	25 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
					SM_8270_surr_00011	2.5 uL	2,4,6-Tribromophenol	0.5 ug/mL
							2-Fluorobiphenyl	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
					SM_BCEE_SIM_00012	2.5 uL	Bis(2-chloroethyl)ether	0.01 ug/mL
					SM_HexaCB_00014	2.5 uL	Hexachlorobenzene	0.01 ug/mL
					SM_N-Nitro_00018	25 uL	N-Nitrosodimethylamine	0.1 ug/mL
					SM_p-Dioxane_00030	25 uL	1,4-Dioxane	0.1 ug/mL
					SM_PAHmixS_00018	6.25 uL	Acenaphthene	0.025 ug/mL
							Acenaphthylene	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	0.025 ug/mL
							Benzo[a]anthracene	0.025 ug/mL
							Benzo[a]pyrene	0.025 ug/mL
							Benzo[b]fluoranthene	0.025 ug/mL
							Benzo[g,h,i]perylene	0.025 ug/mL
							Benzo[k]fluoranthene	0.025 ug/mL
							Chrysene	0.025 ug/mL
							Dibenz(a,h)anthracene	0.025 ug/mL
							Fluoranthene	0.025 ug/mL
							Fluorene	0.025 ug/mL
							Indeno[1,2,3-cd]pyrene	0.025 ug/mL
							Naphthalene	0.025 ug/mL
							Phenanthrene	0.025 ug/mL
							Pyrene	0.025 ug/mL
					SM_Penta_00013	2.5 uL	Pentachlorophenol	0.1 ug/mL
					SM_SIMICALIS_00019	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL2_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL2_00018	2 mL	4,6-Dinitro-2-methylphenol	0.1 ug/mL
							2,4,6-Tribromophenol	0.2 ug/mL
							2-Fluorobiphenyl	0.2 ug/mL
							Nitrobenzene-d5 (Surr)	0.2 ug/mL
							Bis(2-chloroethyl)ether	0.005 ug/mL
							Hexachlorobenzene	0.005 ug/mL
							N-Nitrosodimethylamine	0.05 ug/mL
							1,4-Dioxane	0.1 ug/mL
							Acenaphthene	0.01 ug/mL
							Acenaphthylene	0.01 ug/mL
							Anthracene	0.01 ug/mL
							Benzo[a]anthracene	0.01 ug/mL
							Benzo[a]pyrene	0.01 ug/mL
							Benzo[b]fluoranthene	0.01 ug/mL
							Benzo[g,h,i]perylene	0.01 ug/mL
							Benzo[k]fluoranthene	0.01 ug/mL
							Chrysene	0.01 ug/mL
							Dibenz(a,h)anthracene	0.01 ug/mL
							Fluoranthene	0.01 ug/mL
							Fluorene	0.01 ug/mL
							Indeno[1,2,3-cd]pyrene	0.01 ug/mL
							Naphthalene	0.01 ug/mL
							Phenanthrene	0.01 ug/mL
							Pyrene	0.01 ug/mL
							Pentachlorophenol	0.05 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL2_00018	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.5 ug/mL
					SM_8270_surr_00011	2 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_BCEE_SIM_00012	2.5 uL	Bis(2-chloroethyl)ether	0.025 ug/mL
					SM_HexaCB_00014	2.5 uL	Hexachlorobenzene	0.025 ug/mL
					SM_N-Nitro_00018	25 uL	N-Nitrosodimethylamine	0.25 ug/mL
					SM_p-Dioxane_00030	50 uL	1,4-Dioxane	0.5 ug/mL
					SM_PAHmixS_00018	5 uL	Acenaphthene	0.05 ug/mL
							Acenaphthylene	0.05 ug/mL
							Anthracene	0.05 ug/mL
							Benzo[a]anthracene	0.05 ug/mL
							Benzo[a]pyrene	0.05 ug/mL
							Benzo[b]fluoranthene	0.05 ug/mL
							Benzo[g,h,i]perylene	0.05 ug/mL
							Benzo[k]fluoranthene	0.05 ug/mL
							Chrysene	0.05 ug/mL
							Dibenz(a,h)anthracene	0.05 ug/mL
							Fluoranthene	0.05 ug/mL
							Fluorene	0.05 ug/mL
							Indeno[1,2,3-cd]pyrene	0.05 ug/mL
							Naphthalene	0.05 ug/mL
							Phenanthrene	0.05 ug/mL
							Pyrene	0.05 ug/mL
					SM_Penta_00013	2.5 uL	Pentachlorophenol	0.25 ug/mL
					SM_SIMICALIS_00019	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL3_00022	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL3_00022	2 mL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
							2,4,6-Tribromophenol	0.4 ug/mL
							2-Fluorobiphenyl	0.4 ug/mL
							Nitrobenzene-d5 (Surr)	0.4 ug/mL
							Bis(2-chloroethyl)ether	0.02 ug/mL
							Hexachlorobenzene	0.02 ug/mL
							N-Nitrosodimethylamine	0.1 ug/mL
							1,4-Dioxane	0.2 ug/mL
							Acenaphthene	0.02 ug/mL
							Acenaphthylene	0.02 ug/mL
							Anthracene	0.02 ug/mL
							Benzo[a]anthracene	0.02 ug/mL
							Benzo[a]pyrene	0.02 ug/mL
							Benzo[b]fluoranthene	0.02 ug/mL
							Benzo[g,h,i]perylene	0.02 ug/mL
							Benzo[k]fluoranthene	0.02 ug/mL
							Chrysene	0.02 ug/mL
							Dibenz(a,h)anthracene	0.02 ug/mL
							Fluoranthene	0.02 ug/mL
							Fluorene	0.02 ug/mL
							Indeno[1,2,3-cd]pyrene	0.02 ug/mL
							Naphthalene	0.02 ug/mL
							Phenanthrene	0.02 ug/mL
							Pyrene	0.02 ug/mL
							Pentachlorophenol	0.1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL3_00022	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	10 uL	4,6-Dinitro-2-methylphenol	1 ug/mL
					SM_8270_surr_00011	4 uL	2,4,6-Tribromophenol	2 ug/mL
							2-Fluorobiphenyl	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
					SM_BCEE_SIM_00012	10 uL	Bis(2-chloroethyl)ether	0.1 ug/mL
					SM_HexaCB_00014	10 uL	Hexachlorobenzene	0.1 ug/mL
					SM_N-Nitro_00018	50 uL	N-Nitrosodimethylamine	0.5 ug/mL
					SM_p-Dioxane_00030	100 uL	1,4-Dioxane	1 ug/mL
					SM_PAHmixS_00018	10 uL	Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
					SM_Penta_00013	5 uL	Pentachlorophenol	0.5 ug/mL
					SM_SIMICALIS_00019	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL4_00018	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL4_00018	2 mL	4,6-Dinitro-2-methylphenol	0.4 ug/mL
							2,4,6-Tribromophenol	0.8 ug/mL
							2-Fluorobiphenyl	0.8 ug/mL
							Nitrobenzene-d5 (Surr)	0.8 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							N-Nitrosodimethylamine	0.2 ug/mL
							1,4-Dioxane	0.4 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL4_00018	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	20 uL	4,6-Dinitro-2-methylphenol	2 ug/mL
					SM_8270_surr_00011	8 uL	2,4,6-Tribromophenol	4 ug/mL
							2-Fluorobiphenyl	4 ug/mL
							Nitrobenzene-d5 (Surr)	4 ug/mL
					SM_BCEE_SIM_00012	100 uL	Bis(2-chloroethyl)ether	1 ug/mL
					SM_HexaCB_00014	100 uL	Hexachlorobenzene	1 ug/mL
					SM_N-Nitro_00018	100 uL	N-Nitrosodimethylamine	1 ug/mL
					SM_p-Dioxane_00030	200 uL	1,4-Dioxane	2 ug/mL
					SM_PAHmixS_00018	50 uL	Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL
							Pyrene	0.5 ug/mL
					SM_Penta_00013	10 uL	Pentachlorophenol	1 ug/mL
					SM_SIMICALIS_00019	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL5_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL5_00019	2 mL	4,6-Dinitro-2-methylphenol	0.8 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.4 ug/mL
							Hexachlorobenzene	0.4 ug/mL
							N-Nitrosodimethylamine	0.4 ug/mL
							1,4-Dioxane	0.8 ug/mL
							Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Chrysene	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Phenanthrene	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pentachlorophenol	0.4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL5_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	25 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	4 ug/mL
					SM_8270_surr_00011	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00012	500 uL	Bis(2-chloroethyl)ether	2 ug/mL
					SM_HexaCB_00014	500 uL	Hexachlorobenzene	2 ug/mL
					SM_N-Nitro_00018	500 uL	N-Nitrosodimethylamine	2 ug/mL
					SM_p-Dioxane_00030	1000 uL	1,4-Dioxane	4 ug/mL
					SM_PAHmixS_00018	250 uL	Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Anthracene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
					SM_Penta_00013	50 uL	Pentachlorophenol	2 ug/mL
					SM_SIMICALIS_00019	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26	Agilent, Lot 6673574			(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24	RESTEK, Lot A0153515			(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL5_00020	06/01/25	05/31/24	MeCl2, Lot 2562011	10 mL	IC-SIM+surrL5_00020	2 mL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL5_00020	06/01/25	05/31/24	MeCl2, Lot 2562011	25 mL	SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	1 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL5_00020	06/01/25	05/31/24	MeCl2, Lot 2562011	10 mL	IC-SIM+surrL5_00020	2 mL	Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
.IC-SIM+surrL5_00020	06/01/25	05/31/24	MeCl2, Lot 2562011	25 mL	SM_PAHmixS_00020	250 uL	Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
..SM_PAHmixS_00020	07/31/25		Agilent, Lot 0006751183		(Purchased Reagent)		Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
SM_simSlviL6_00020	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL6_00020	2 mL	4,6-Dinitro-2-methylphenol	2 ug/mL
							2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							1,4-Dioxane	2 ug/mL
							Acenaphthene	0.4 ug/mL
							Acenaphthylene	0.4 ug/mL
							Anthracene	0.4 ug/mL
							Benzo[a]anthracene	0.4 ug/mL
							Benzo[a]pyrene	0.4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	0.4 ug/mL
							Benzo[g,h,i]perylene	0.4 ug/mL
							Benzo[k]fluoranthene	0.4 ug/mL
							Chrysene	0.4 ug/mL
							Dibenz(a,h)anthracene	0.4 ug/mL
							Fluoranthene	0.4 ug/mL
							Fluorene	0.4 ug/mL
							Indeno[1,2,3-cd]pyrene	0.4 ug/mL
							Naphthalene	0.4 ug/mL
							Phenanthrene	0.4 ug/mL
							Pyrene	0.4 ug/mL
							Pentachlorophenol	1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL6_00020	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	10 ug/mL
					SM_8270_surr_00011	50 uL	2,4,6-Tribromophenol	25 ug/mL
							2-Fluorobiphenyl	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL
					SM_BCEE_SIM_00012	500 uL	Bis(2-chloroethyl)ether	5 ug/mL
					SM_HexaCB_00014	500 uL	Hexachlorobenzene	5 ug/mL
					SM_N-Nitro_00018	500 uL	N-Nitrosodimethylamine	5 ug/mL
					SM_p-Dioxane_00030	1000 uL	1,4-Dioxane	10 ug/mL
					SM_PAHmixS_00018	200 uL	Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
					SM_Penta_00013	50 uL	Pentachlorophenol	5 ug/mL
					SM_SIMICALIS_00019	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL7_00003	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	IC-SIM+surrL7_00003	2 mL	4,6-Dinitro-2-methylphenol	4 ug/mL
							2,4,6-Tribromophenol	20 ug/mL
							2-Fluorobiphenyl	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL7_00003	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL
					SM_8270_surr_00011	200 uL	2,4,6-Tribromophenol	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
					SM_BCEE_SIM_00012	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL
					SM_HexaCB_00014	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00018	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00030	2000 uL	1,4-Dioxane	20 ug/mL
					SM_PAHmixS_00018	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	10 ug/mL
					SM_Penta_00013	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00019	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00013	06/30/24		Agilent, Lot 6617095		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00196	08/31/24		Agilent, Lot 6627459		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL8_00001	06/12/24	03/11/24	MeCl2, Lot 2462008	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_8270_surr_00011	80 uL	2,4,6-Tribromophenol	40 ug/mL
							2-Fluorobiphenyl	40 ug/mL
							Nitrobenzene-d5 (Surr)	40 ug/mL
					SM_BCEE_SIM_00012	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL
					SM_HexaCB_00014	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00018	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00030	2000 uL	1,4-Dioxane	20 ug/mL
					SM_PAHmixS_00018	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
					SM_Penta_00013	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00019	20 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
.SM_8270_surr_00011	10/30/24		RESTEK, Lot A0153515		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
.SM_BCEE_SIM_00012	06/25/24		Agilent, Lot 6666142		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
.SM_HexaCB_00014	07/31/24		Agilent, Lot 6680845		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
.SM_N-Nitro_00018	01/31/25		Agilent, Lot 6609928		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
.SM_p-Dioxane_00030	06/12/24	06/12/23	MeCl2, Lot 2462008	10 mL	SM_1,4-Dioxan_00014	500 uL	1,4-Dioxane	100 ug/mL
..SM_1,4-Dioxan_00014	11/30/24		Agilent, Lot 6841641		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
.SM_PAHmixS_00018	07/31/24		Agilent, Lot 6688137		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
.SM_Penta_00013	06/30/24	Agilent, Lot 6617095			(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
.SM_SIMICALIS_00019	06/12/24	06/12/23	MeCl2, Lot 2462008	5 mL	SM_ISTD_00196	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
..SM_ISTD_00196	08/31/24	Agilent, Lot 6627459			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMDFTP_CH_00036							4,4'-DDD	
							4,4'-DDE	
							Tentatively Identified Compound	
					SMDFTTP_CH_00021	2.5 mL	4,4'-DDT	25 ug/mL
							Benzidine_T	25 ug/mL
							DFTPP	25 ug/mL
							Pentachlorophenol_T	25 ug/mL
.SMDFTTP_CH_00021	07/31/26	Restek, Lot A0200028			(Purchased Reagent)		4,4'-DDT	1000 ug/mL
							Benzidine_T	1000 ug/mL
							DFTPP	1000 ug/mL
							Pentachlorophenol_T	1000 ug/mL
SV_BNAL1_LVI_00006	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L1_00006	2 mL	2-Fluorobiphenyl	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Phenol-d5	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
							n,n'-Dimethylaniline	0.1 ug/mL
							N-Methylaniline	0.1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,4-Dioxane	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL
							Pyridine	0.2 ug/mL
.SV_BNA_L1_00006	03/28/25	03/28/24	MeCl2, Lot 762001	50 mL	SM_8270_surr_00014	5 uL	2-Fluorobiphenyl	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Phenol-d5	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
					SM_8270cusmix_00005	12.5 uL	n,n'-Dimethylaniline	0.5 ug/mL
							N-Methylaniline	0.5 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_STD#1mega_00026	25 uL	1,2,4-Trichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pyridine	1 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2-Fluorobiphenyl	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL2_LVI_00006	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L2_00006	2 mL	2,4,6-Tribromophenol	0.2 ug/mL
							2-Fluorobiphenyl	0.2 ug/mL
							2-Fluorophenol	0.2 ug/mL
							Nitrobenzene-d5 (Surr)	0.2 ug/mL
							Phenol-d5	0.2 ug/mL
							Terphenyl-d14 (Surr)	0.2 ug/mL
							2-tertbutyl-4-methylphenol	0.2 ug/mL
							n,n'-Dimethylaniline	0.2 ug/mL
							N-Methylaniline	0.2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.2 ug/mL
							Benzaldehyde	0.2 ug/mL
							Caprolactam	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	0.2 ug/mL
							1,2,4-Trichlorobenzene	0.2 ug/mL
							1,4-Dioxane	0.2 ug/mL
							1-Methylnaphthalene	0.2 ug/mL
							2,4,6-Trichlorophenol	0.2 ug/mL
							2,4-Dinitrotoluene	0.2 ug/mL
							2,6-Dinitrotoluene	0.2 ug/mL
							2-Methylnaphthalene	0.2 ug/mL
							4-Chloroaniline	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Bis(2-ethylhexyl) phthalate	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							Hexachlorobutadiene	0.2 ug/mL
							Hexachloroethane	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Isophorone	0.2 ug/mL
							N-Nitrosodi-n-propylamine	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Nitrobenzene	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pyridine	0.4 ug/mL
.SV_BNA_L2_00006	03/28/25	03/28/24	MeCl2, Lot 762001	50 mL	SM_8270_surr_00014	10 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							2-Fluorophenol	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Phenol-d5	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
					SM_8270cusmix_00005	25 uL	2-tertbutyl-4-methylphenol	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	25 uL	Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	1 ug/mL
					SM_std #9BNA_00024	25 uL	3,3'-Dichlorobenzidine	1 ug/mL
					SM_STD#1mega_00026	50 uL	1,2,4-Trichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							4-Chloroaniline	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		2-tertbutyl-4-methylphenol	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL3_LVI_00008	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L3_00006	2 mL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.4 ug/mL
							Benzaldehyde	0.4 ug/mL
							Caprolactam	0.4 ug/mL
.SV_BNA_L3_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_std #11BNA_00022	25 uL	Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
..SM_ISTD_00197	10/31/26	Agilent, Lot 0006760251			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25	restek, Lot A0200906			(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
SV_BNAL4_LVI_00008	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L4_00006	2 mL	Benzoic acid	1 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							2-Fluorophenol	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Phenol-d5	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
							1,3-Dimethylnaphthalene	1 ug/mL
							2-tertbutyl-4-methylphenol	1 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	1 ug/mL
							Carbamazepine	1 ug/mL
							Coumarin	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
							Pentachloronitrobenzene	1 ug/mL
							Phenyl ether	1 ug/mL
							Bisphenol-A	1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,2'-oxybis[1-chloropropane]	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Methylphenol	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
.SV_BNA_L4_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM-BenzAcid_00020	62.5 uL	Benzoic acid	5 ug/mL
					SM_8270_surr_00014	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							2-Fluorophenol	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Phenol-d5	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
					SM_8270cusmix_00005	62.5 uL	1,3-Dimethylnaphthalene	5 ug/mL
							2-tertbutyl-4-methylphenol	5 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	5 ug/mL
							Carbamazepine	5 ug/mL
							Coumarin	5 ug/mL
							n,n'-Dimethylaniline	5 ug/mL
							N-Methylaniline	5 ug/mL
							Pentachloronitrobenzene	5 ug/mL
							Phenyl ether	5 ug/mL
					SM_BPA_00020	125 uL	Bisphenol-A	5 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	62.5 uL	Atrazine	5 ug/mL
							Benzaldehyde	5 ug/mL
							Caprolactam	5 ug/mL
					SM_std #9BNA_00024	62.5 uL	3,3'-Dichlorobenzidine	5 ug/mL
							Benzidine	5 ug/mL
					SM_STD#1mega_00026	125 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,2'-oxybis[1-chloropropane]	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Methylphenol	5 ug/mL
							4-Nitroaniline	5 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	10 ug/mL
..SM-BenzAcid_00020	09/30/25	Restek, Lot A0209261			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25	Agilent, Lot 0006910257			(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25	Agilent, Lot 0006767192			(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL5_LVI_00008	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L5_00006	2 mL	Benzoic acid	2 ug/mL
							2,4,6-Tribromophenol	2 ug/mL
							2-Fluorobiphenyl	2 ug/mL
							2-Fluorophenol	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Phenol-d5	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
							1,3-Dimethylnaphthalene	2 ug/mL
							2-tertbutyl-4-methylphenol	2 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2 ug/mL
							Carbamazepine	2 ug/mL
							Coumarin	2 ug/mL
							n,n'-Dimethylaniline	2 ug/mL
							N-Methylaniline	2 ug/mL
							Pentachloronitrobenzene	2 ug/mL
							Phenyl ether	2 ug/mL
							Bisphenol-A	2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,2'-oxybis[1-chloropropane]	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Methylphenol	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	4 ug/mL
.SV_BNA_L5_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM-BenzAcid_00020	125 uL	Benzoic acid	10 ug/mL
					SM_8270_surr_00014	50 uL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
					SM_8270cusmix_00005	125 uL	1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
					SM_BPA_00020	250 uL	Bisphenol-A	10 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	125 uL	Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
					SM_std #9BNA_00024	125 uL	3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
					SM_STD#1mega_00026	250 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
..SM-BenzAcid_00020	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL6_LVI_00009	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L6_00006	2 mL	Benzoic acid	4 ug/mL
							2,4,6-Tribromophenol	4 ug/mL
							2-Fluorobiphenyl	4 ug/mL
							2-Fluorophenol	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	4 ug/mL
							Phenol-d5	4 ug/mL
							Terphenyl-d14 (Surr)	4 ug/mL
							1,3-Dimethylnaphthalene	4 ug/mL
							2-tertbutyl-4-methylphenol	4 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	4 ug/mL
							Carbamazepine	4 ug/mL
							Coumarin	4 ug/mL
							n,n'-Dimethylaniline	4 ug/mL
							N-Methylaniline	4 ug/mL
							Pentachloronitrobenzene	4 ug/mL
							Phenyl ether	4 ug/mL
							Bisphenol-A	4 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	3.2 ug/mL
							Benzaldehyde	3.2 ug/mL
							Caprolactam	3.2 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							1,1'-Biphenyl	4 ug/mL
							1,2,4,5-Tetrachlorobenzene	4 ug/mL
							1,2,4-Trichlorobenzene	4 ug/mL
							1,2-Dichlorobenzene	4 ug/mL
							1,2-Diphenylhydrazine	4 ug/mL
							1,3-Dichlorobenzene	4 ug/mL
							1,4-Dichlorobenzene	4 ug/mL
							1,4-Dioxane	4 ug/mL
							1-Methylnaphthalene	4 ug/mL
							2,2'-oxybis[1-chloropropane]	4 ug/mL
							2,3,4,6-Tetrachlorophenol	4 ug/mL
							2,4,5-Trichlorophenol	4 ug/mL
							2,4,6-Trichlorophenol	4 ug/mL
							2,4-Dichlorophenol	4 ug/mL
							2,4-Dimethylphenol	4 ug/mL
							2,4-Dinitrophenol	8 ug/mL
							2,4-Dinitrotoluene	4 ug/mL
							2,6-Dichlorophenol	4 ug/mL
							2,6-Dinitrotoluene	4 ug/mL
							2-Chloronaphthalene	4 ug/mL
							2-Chlorophenol	4 ug/mL
							2-Methylnaphthalene	4 ug/mL
							2-Methylphenol	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	4 ug/mL
							2-Nitrophenol	4 ug/mL
							3 & 4 Methylphenol	4 ug/mL
							3-Nitroaniline	4 ug/mL
							4,6-Dinitro-2-methylphenol	8 ug/mL
							4-Bromophenyl phenyl ether	4 ug/mL
							4-Chloro-3-methylphenol	4 ug/mL
							4-Chloroaniline	4 ug/mL
							4-Chlorophenyl phenyl ether	4 ug/mL
							4-Methylphenol	4 ug/mL
							4-Nitroaniline	4 ug/mL
							4-Nitrophenol	8 ug/mL
							Acenaphthene	4 ug/mL
							Acenaphthylene	4 ug/mL
							Acetophenone	4 ug/mL
							Aniline	4 ug/mL
							Anthracene	4 ug/mL
							Azobenzene	4 ug/mL
							Benzo[a]anthracene	4 ug/mL
							Benzo[a]pyrene	4 ug/mL
							Benzo[b]fluoranthene	4 ug/mL
							Benzo[g,h,i]perylene	4 ug/mL
							Benzo[k]fluoranthene	4 ug/mL
							Benzyl alcohol	4 ug/mL
							Bis(2-chloroethoxy)methane	4 ug/mL
							Bis(2-chloroethyl)ether	4 ug/mL
							Bis(2-ethylhexyl) phthalate	4 ug/mL
							Butyl benzyl phthalate	4 ug/mL
							Carbazole	4 ug/mL
							Chrysene	4 ug/mL
							Di-n-butyl phthalate	4 ug/mL
							Di-n-octyl phthalate	4 ug/mL
							Dibenz(a,h)anthracene	4 ug/mL
							Dibenzofuran	4 ug/mL
							Diethyl phthalate	4 ug/mL
							Dimethyl phthalate	4 ug/mL
							Fluoranthene	4 ug/mL
							Fluorene	4 ug/mL
							Hexachlorobenzene	4 ug/mL
							Hexachlorobutadiene	4 ug/mL
							Hexachlorocyclopentadiene	4 ug/mL
							Hexachloroethane	4 ug/mL
							Indeno[1,2,3-cd]pyrene	4 ug/mL
							Isophorone	4 ug/mL
							n-Decane	4 ug/mL
							N-Nitrosodi-n-propylamine	4 ug/mL
							N-Nitrosodimethylamine	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	4 ug/mL
							Naphthalene	4 ug/mL
							Nitrobenzene	4 ug/mL
							Pentachlorophenol	8 ug/mL
							Phenanthrene	4 ug/mL
							Phenol	4 ug/mL
							Pyrene	4 ug/mL
							Pyridine	8 ug/mL
.SV_BNA_L6_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM-BenzAcid_00020	250 uL	Benzoic acid	20 ug/mL
					SM_8270_surr_00014	100 uL	2,4,6-Tribromophenol	20 ug/mL
							2-Fluorobiphenyl	20 ug/mL
							2-Fluorophenol	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
					SM_8270cusmix_00005	250 uL	1,3-Dimethylnaphthalene	20 ug/mL
							2-tertbutyl-4-methylphenol	20 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	20 ug/mL
							Carbamazepine	20 ug/mL
							Coumarin	20 ug/mL
							n,n'-Dimethylaniline	20 ug/mL
							N-Methylaniline	20 ug/mL
							Pentachloronitrobenzene	20 ug/mL
							Phenyl ether	20 ug/mL
					SM_BPA_00020	500 uL	Bisphenol-A	20 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	200 uL	Atrazine	16 ug/mL
							Benzaldehyde	16 ug/mL
							Caprolactam	16 ug/mL
					SM_std #9BNA_00024	250 uL	3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
					SM_STD#1mega_00026	500 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,2'-oxybis[1-chloropropane]	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	40 ug/mL
..SM-BenzAcid_00020	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL7_LVI_00009	03/27/25	03/27/24	MeCl2, Lot 762001	10 mL	SV_BNA_L7_00007	2 mL	Benzoic acid	10 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	10 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	20 ug/mL
							2,3,7,8-TCDD	0.1 ug/mL
.SV_BNA_L7_00007	03/28/25	03/28/24	MeCl2, Lot 762001	100 mL	SM-BenzAcid_00020	2500 uL	Benzoic acid	50 ug/mL
					SM_8270_surr_00014	1000 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00005	2500 uL	1,3-Dimethylnaphthalene	50 ug/mL
							2-tertbutyl-4-methylphenol	50 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	50 ug/mL
							Carbamazepine	50 ug/mL
							Coumarin	50 ug/mL
							n,n'-Dimethylaniline	50 ug/mL
							N-Methylaniline	50 ug/mL
							Pentachloronitrobenzene	50 ug/mL
							Phenyl ether	50 ug/mL
					SM_BPA_00020	5000 uL	Bisphenol-A	50 ug/mL
					SM_ISTD_00197	2000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	1000 uL	Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
					SM_std #9BNA_00024	2500 uL	3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
					SM_STD#1mega_00026	5000 uL	1,1'-Biphenyl	50 ug/mL
							1,2,4,5-Tetrachlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Diphenylhydrazine	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	50 ug/mL
							1-Methylnaphthalene	50 ug/mL
							2,2'-oxybis[1-chloropropane]	50 ug/mL
							2,3,4,6-Tetrachlorophenol	50 ug/mL
							2,4,5-Trichlorophenol	50 ug/mL
							2,4,6-Trichlorophenol	50 ug/mL
							2,4-Dichlorophenol	50 ug/mL
							2,4-Dimethylphenol	50 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dichlorophenol	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Chloronaphthalene	50 ug/mL
							2-Chlorophenol	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
							2-Methylphenol	50 ug/mL
							2-Nitroaniline	50 ug/mL
							2-Nitrophenol	50 ug/mL
							3 & 4 Methylphenol	50 ug/mL
							3-Nitroaniline	50 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	50 ug/mL
							4-Chloro-3-methylphenol	50 ug/mL
							4-Chloroaniline	50 ug/mL
							4-Chlorophenyl phenyl ether	50 ug/mL
							4-Methylphenol	50 ug/mL
							4-Nitroaniline	50 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Acetophenone	50 ug/mL
							Aniline	50 ug/mL
							Anthracene	50 ug/mL
							Azobenzene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL
							Benzyl alcohol	50 ug/mL
							Bis(2-chloroethoxy)methane	50 ug/mL
							Bis(2-chloroethyl)ether	50 ug/mL
							Bis(2-ethylhexyl) phthalate	50 ug/mL
							Butyl benzyl phthalate	50 ug/mL
							Carbazole	50 ug/mL
							Chrysene	50 ug/mL
							Di-n-butyl phthalate	50 ug/mL
							Di-n-octyl phthalate	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL
							Dibenzofuran	50 ug/mL
							Diethyl phthalate	50 ug/mL
							Dimethyl phthalate	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Hexachlorobenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexachlorocyclopentadiene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachloroethane	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Isophorone	50 ug/mL
							n-Decane	50 ug/mL
							N-Nitrosodi-n-propylamine	50 ug/mL
							N-Nitrosodimethylamine	50 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	50 ug/mL
							Naphthalene	50 ug/mL
							Nitrobenzene	50 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	50 ug/mL
							Phenol	50 ug/mL
							Pyrene	50 ug/mL
							Pyridine	100 ug/mL
					SM_TCDD_00016	1000 uL	2,3,7,8-TCDD	0.5 ug/mL
..SM-BenzAcid_00020	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..SM_TCDD_00016	03/31/28	Spex CertiPrep, Lot AA201542801			(Purchased Reagent)		2,3,7,8-TCDD	50 ug/mL
SV_BNAL8_LVI_00008	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L8_00006	2 mL	Benzoic acid	16 ug/mL
							2,4,6-Tribromophenol	16 ug/mL
							2-Fluorobiphenyl	16 ug/mL
							2-Fluorophenol	16 ug/mL
							Nitrobenzene-d5 (Surr)	16 ug/mL
							Phenol-d5	16 ug/mL
							Terphenyl-d14 (Surr)	16 ug/mL
							1,3-Dimethylnaphthalene	16 ug/mL
							2-tertbutyl-4-methylphenol	16 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	16 ug/mL
							Carbamazepine	16 ug/mL
							Coumarin	16 ug/mL
							n,n'-Dimethylaniline	16 ug/mL
							N-Methylaniline	16 ug/mL
							Pentachloronitrobenzene	16 ug/mL
							Phenyl ether	16 ug/mL
							Bisphenol-A	16 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	4.8 ug/mL
							Benzaldehyde	4.8 ug/mL
							Caprolactam	4.8 ug/mL
							3,3'-Dichlorobenzidine	16 ug/mL
							Benzidine	16 ug/mL
							1,1'-Biphenyl	16 ug/mL
							1,2,4,5-Tetrachlorobenzene	16 ug/mL
							1,2,4-Trichlorobenzene	16 ug/mL
							1,2-Dichlorobenzene	16 ug/mL
							1,2-Diphenylhydrazine	16 ug/mL
							1,3-Dichlorobenzene	16 ug/mL
							1,4-Dichlorobenzene	16 ug/mL
							1,4-Dioxane	16 ug/mL
							1-Methylnaphthalene	16 ug/mL
							2,2'-oxybis[1-chloropropane]	16 ug/mL
							2,3,4,6-Tetrachlorophenol	16 ug/mL
							2,4,5-Trichlorophenol	16 ug/mL
							2,4,6-Trichlorophenol	16 ug/mL
							2,4-Dichlorophenol	16 ug/mL
							2,4-Dimethylphenol	16 ug/mL
							2,4-Dinitrophenol	32 ug/mL
							2,4-Dinitrotoluene	16 ug/mL
							2,6-Dichlorophenol	16 ug/mL
							2,6-Dinitrotoluene	16 ug/mL
							2-Chloronaphthalene	16 ug/mL
							2-Chlorophenol	16 ug/mL
							2-Methylnaphthalene	16 ug/mL
							2-Methylphenol	16 ug/mL
							2-Nitroaniline	16 ug/mL
							2-Nitrophenol	16 ug/mL
							3 & 4 Methylphenol	16 ug/mL
							3-Nitroaniline	16 ug/mL
							4,6-Dinitro-2-methylphenol	32 ug/mL
							4-Bromophenyl phenyl ether	16 ug/mL
							4-Chloro-3-methylphenol	16 ug/mL
							4-Chloroaniline	16 ug/mL
							4-Chlorophenyl phenyl ether	16 ug/mL
							4-Methylphenol	16 ug/mL
							4-Nitroaniline	16 ug/mL
							4-Nitrophenol	32 ug/mL
							Acenaphthene	16 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	16 ug/mL
							Acetophenone	16 ug/mL
							Aniline	16 ug/mL
							Anthracene	16 ug/mL
							Azobenzene	16 ug/mL
							Benzo[a]anthracene	16 ug/mL
							Benzo[a]pyrene	16 ug/mL
							Benzo[b]fluoranthene	16 ug/mL
							Benzo[g,h,i]perylene	16 ug/mL
							Benzo[k]fluoranthene	16 ug/mL
							Benzyl alcohol	16 ug/mL
							Bis(2-chloroethoxy)methane	16 ug/mL
							Bis(2-chloroethyl)ether	16 ug/mL
							Bis(2-ethylhexyl) phthalate	16 ug/mL
							Butyl benzyl phthalate	16 ug/mL
							Carbazole	16 ug/mL
							Chrysene	16 ug/mL
							Di-n-butyl phthalate	16 ug/mL
							Di-n-octyl phthalate	16 ug/mL
							Dibenz(a,h)anthracene	16 ug/mL
							Dibenzofuran	16 ug/mL
							Diethyl phthalate	16 ug/mL
							Dimethyl phthalate	16 ug/mL
							Fluoranthene	16 ug/mL
							Fluorene	16 ug/mL
							Hexachlorobenzene	16 ug/mL
							Hexachlorobutadiene	16 ug/mL
							Hexachlorocyclopentadiene	16 ug/mL
							Hexachloroethane	16 ug/mL
							Indeno[1,2,3-cd]pyrene	16 ug/mL
							Isophorone	16 ug/mL
							n-Decane	16 ug/mL
							N-Nitrosodi-n-propylamine	16 ug/mL
							N-Nitrosodimethylamine	16 ug/mL
							N-Nitrosodiphenylamine	16 ug/mL
							n-Octadecane	16 ug/mL
							Naphthalene	16 ug/mL
							Nitrobenzene	16 ug/mL
							Pentachlorophenol	32 ug/mL
							Phenanthrene	16 ug/mL
							Phenol	16 ug/mL
							Pyrene	16 ug/mL
							Pyridine	32 ug/mL
.SV_BNA_L8_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM-BenzAcid_00020	1000 uL	Benzoic acid	80 ug/mL
					SM_8270_surr_00014	400 uL	2,4,6-Tribromophenol	80 ug/mL
							2-Fluorobiphenyl	80 ug/mL
							2-Fluorophenol	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	80 ug/mL
							Phenol-d5	80 ug/mL
							Terphenyl-d14 (Surr)	80 ug/mL
					SM_8270cusmix_00005	1000 uL	1,3-Dimethylnaphthalene	80 ug/mL
							2-tertbutyl-4-methylphenol	80 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	80 ug/mL
							Carbamazepine	80 ug/mL
							Coumarin	80 ug/mL
							n,n'-Dimethylaniline	80 ug/mL
							N-Methylaniline	80 ug/mL
							Pentachloronitrobenzene	80 ug/mL
							Phenyl ether	80 ug/mL
					SM_BPA_00020	2000 uL	Bisphenol-A	80 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	300 uL	Atrazine	24 ug/mL
							Benzaldehyde	24 ug/mL
							Caprolactam	24 ug/mL
					SM_std #9BNA_00024	1000 uL	3,3'-Dichlorobenzidine	80 ug/mL
							Benzidine	80 ug/mL
					SM_STD#1mega_00026	2000 uL	1,1'-Biphenyl	80 ug/mL
							1,2,4,5-Tetrachlorobenzene	80 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dioxane	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	160 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dichlorophenol	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	160 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	80 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	160 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Acetophenone	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							n-Decane	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	80 ug/mL
							n-Octadecane	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	160 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	160 ug/mL
..SM-BenzAcid_00020	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL9_LVI_00007	03/28/25	03/28/24	MeCl2, Lot 762001	10 mL	SV_BNA_L9_00006	2 mL	Benzoic acid	24 ug/mL
							2,4,6-Tribromophenol	24 ug/mL
							2-Fluorobiphenyl	24 ug/mL
							2-Fluorophenol	24 ug/mL
							Nitrobenzene-d5 (Surr)	24 ug/mL
							Phenol-d5	24 ug/mL
							Terphenyl-d14 (Surr)	24 ug/mL
							1,3-Dimethylnaphthalene	24 ug/mL
							2-tertbutyl-4-methylphenol	24 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	24 ug/mL
							Carbamazepine	24 ug/mL
							Coumarin	24 ug/mL
							n,n'-Dimethylaniline	24 ug/mL
							N-Methylaniline	24 ug/mL
							Pentachloronitrobenzene	24 ug/mL
							Phenyl ether	24 ug/mL
							Bisphenol-A	24 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	6.4 ug/mL
							Benzaldehyde	6.4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	6.4 ug/mL
							3,3'-Dichlorobenzidine	24 ug/mL
							Benzidine	24 ug/mL
							1,1'-Biphenyl	24 ug/mL
							1,2,4,5-Tetrachlorobenzene	24 ug/mL
							1,2,4-Trichlorobenzene	24 ug/mL
							1,2-Dichlorobenzene	24 ug/mL
							1,2-Diphenylhydrazine	24 ug/mL
							1,3-Dichlorobenzene	24 ug/mL
							1,4-Dichlorobenzene	24 ug/mL
							1,4-Dioxane	24 ug/mL
							1-Methylnaphthalene	24 ug/mL
							2,2'-oxybis[1-chloropropane]	24 ug/mL
							2,3,4,6-Tetrachlorophenol	24 ug/mL
							2,4,5-Trichlorophenol	24 ug/mL
							2,4,6-Trichlorophenol	24 ug/mL
							2,4-Dichlorophenol	24 ug/mL
							2,4-Dimethylphenol	24 ug/mL
							2,4-Dinitrophenol	48 ug/mL
							2,4-Dinitrotoluene	24 ug/mL
							2,6-Dichlorophenol	24 ug/mL
							2,6-Dinitrotoluene	24 ug/mL
							2-Chloronaphthalene	24 ug/mL
							2-Chlorophenol	24 ug/mL
							2-Methylnaphthalene	24 ug/mL
							2-Methylphenol	24 ug/mL
							2-Nitroaniline	24 ug/mL
							2-Nitrophenol	24 ug/mL
							3 & 4 Methylphenol	24 ug/mL
							3-Nitroaniline	24 ug/mL
							4,6-Dinitro-2-methylphenol	48 ug/mL
							4-Bromophenyl phenyl ether	24 ug/mL
							4-Chloro-3-methylphenol	24 ug/mL
							4-Chloroaniline	24 ug/mL
							4-Chlorophenyl phenyl ether	24 ug/mL
							4-Methylphenol	24 ug/mL
							4-Nitroaniline	24 ug/mL
							4-Nitrophenol	48 ug/mL
							Acenaphthene	24 ug/mL
							Acenaphthylene	24 ug/mL
							Acetophenone	24 ug/mL
							Aniline	24 ug/mL
							Anthracene	24 ug/mL
							Azobenzene	24 ug/mL
							Benzo[a]anthracene	24 ug/mL
							Benzo[a]pyrene	24 ug/mL
							Benzo[b]fluoranthene	24 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	24 ug/mL
							Benzo[k]fluoranthene	24 ug/mL
							Benzyl alcohol	24 ug/mL
							Bis(2-chloroethoxy)methane	24 ug/mL
							Bis(2-chloroethyl)ether	24 ug/mL
							Bis(2-ethylhexyl) phthalate	24 ug/mL
							Butyl benzyl phthalate	24 ug/mL
							Carbazole	24 ug/mL
							Chrysene	24 ug/mL
							Di-n-butyl phthalate	24 ug/mL
							Di-n-octyl phthalate	24 ug/mL
							Dibenz(a,h)anthracene	24 ug/mL
							Dibenzofuran	24 ug/mL
							Diethyl phthalate	24 ug/mL
							Dimethyl phthalate	24 ug/mL
							Fluoranthene	24 ug/mL
							Fluorene	24 ug/mL
							Hexachlorobenzene	24 ug/mL
							Hexachlorobutadiene	24 ug/mL
							Hexachlorocyclopentadiene	24 ug/mL
							Hexachloroethane	24 ug/mL
							Indeno[1,2,3-cd]pyrene	24 ug/mL
							Isophorone	24 ug/mL
							n-Decane	24 ug/mL
							N-Nitrosodi-n-propylamine	24 ug/mL
							N-Nitrosodimethylamine	24 ug/mL
							N-Nitrosodiphenylamine	24 ug/mL
							n-Octadecane	24 ug/mL
							Naphthalene	24 ug/mL
							Nitrobenzene	24 ug/mL
							Pentachlorophenol	48 ug/mL
							Phenanthrene	24 ug/mL
							Phenol	24 ug/mL
							Pyrene	24 ug/mL
							Pyridine	48 ug/mL
.SV_BNA_L9_00006	03/28/25	03/28/24	MeCl2, Lot 762001	25 mL	SM-BenzAcid_00020	1500 uL	Benzoic acid	120 ug/mL
					SM_8270_surr_00014	600 uL	2,4,6-Tribromophenol	120 ug/mL
							2-Fluorobiphenyl	120 ug/mL
							2-Fluorophenol	120 ug/mL
							Nitrobenzene-d5 (Surr)	120 ug/mL
							Phenol-d5	120 ug/mL
							Terphenyl-d14 (Surr)	120 ug/mL
					SM_8270cusmix_00005	1500 uL	1,3-Dimethylnaphthalene	120 ug/mL
							2-tertbutyl-4-methylphenol	120 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	120 ug/mL
							Carbamazepine	120 ug/mL
							Coumarin	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n,n'-Dimethylaniline	120 ug/mL
							N-Methylaniline	120 ug/mL
							Pentachloronitrobenzene	120 ug/mL
							Phenyl ether	120 ug/mL
					SM_BPA_00020	3000 uL	Bisphenol-A	120 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00022	400 uL	Atrazine	32 ug/mL
							Benzaldehyde	32 ug/mL
							Caprolactam	32 ug/mL
					SM_std #9BNA_00024	1500 uL	3,3'-Dichlorobenzidine	120 ug/mL
							Benzidine	120 ug/mL
					SM_STD#1mega_00026	3000 uL	1,1'-Biphenyl	120 ug/mL
							1,2,4,5-Tetrachlorobenzene	120 ug/mL
							1,2,4-Trichlorobenzene	120 ug/mL
							1,2-Dichlorobenzene	120 ug/mL
							1,2-Diphenylhydrazine	120 ug/mL
							1,3-Dichlorobenzene	120 ug/mL
							1,4-Dichlorobenzene	120 ug/mL
							1,4-Dioxane	120 ug/mL
							1-Methylnaphthalene	120 ug/mL
							2,2'-oxybis[1-chloropropane]	120 ug/mL
							2,3,4,6-Tetrachlorophenol	120 ug/mL
							2,4,5-Trichlorophenol	120 ug/mL
							2,4,6-Trichlorophenol	120 ug/mL
							2,4-Dichlorophenol	120 ug/mL
							2,4-Dimethylphenol	120 ug/mL
							2,4-Dinitrophenol	240 ug/mL
							2,4-Dinitrotoluene	120 ug/mL
							2,6-Dichlorophenol	120 ug/mL
							2,6-Dinitrotoluene	120 ug/mL
							2-Chloronaphthalene	120 ug/mL
							2-Chlorophenol	120 ug/mL
							2-Methylnaphthalene	120 ug/mL
							2-Methylphenol	120 ug/mL
							2-Nitroaniline	120 ug/mL
							2-Nitrophenol	120 ug/mL
							3 & 4 Methylphenol	120 ug/mL
							3-Nitroaniline	120 ug/mL
							4,6-Dinitro-2-methylphenol	240 ug/mL
							4-Bromophenyl phenyl ether	120 ug/mL
							4-Chloro-3-methylphenol	120 ug/mL
							4-Chloroaniline	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	120 ug/mL
							4-Methylphenol	120 ug/mL
							4-Nitroaniline	120 ug/mL
							4-Nitrophenol	240 ug/mL
							Acenaphthene	120 ug/mL
							Acenaphthylene	120 ug/mL
							Acetophenone	120 ug/mL
							Aniline	120 ug/mL
							Anthracene	120 ug/mL
							Azobenzene	120 ug/mL
							Benzo[a]anthracene	120 ug/mL
							Benzo[a]pyrene	120 ug/mL
							Benzo[b]fluoranthene	120 ug/mL
							Benzo[g,h,i]perylene	120 ug/mL
							Benzo[k]fluoranthene	120 ug/mL
							Benzyl alcohol	120 ug/mL
							Bis(2-chloroethoxy)methane	120 ug/mL
							Bis(2-chloroethyl)ether	120 ug/mL
							Bis(2-ethylhexyl) phthalate	120 ug/mL
							Butyl benzyl phthalate	120 ug/mL
							Carbazole	120 ug/mL
							Chrysene	120 ug/mL
							Di-n-butyl phthalate	120 ug/mL
							Di-n-octyl phthalate	120 ug/mL
							Dibenz(a,h)anthracene	120 ug/mL
							Dibenzofuran	120 ug/mL
							Diethyl phthalate	120 ug/mL
							Dimethyl phthalate	120 ug/mL
							Fluoranthene	120 ug/mL
							Fluorene	120 ug/mL
							Hexachlorobenzene	120 ug/mL
							Hexachlorobutadiene	120 ug/mL
							Hexachlorocyclopentadiene	120 ug/mL
							Hexachloroethane	120 ug/mL
							Indeno[1,2,3-cd]pyrene	120 ug/mL
							Isophorone	120 ug/mL
							n-Decane	120 ug/mL
							N-Nitrosodi-n-propylamine	120 ug/mL
							N-Nitrosodimethylamine	120 ug/mL
							N-Nitrosodiphenylamine	120 ug/mL
							n-Octadecane	120 ug/mL
							Naphthalene	120 ug/mL
							Nitrobenzene	120 ug/mL
							Pentachlorophenol	240 ug/mL
							Phenanthrene	120 ug/mL
							Phenol	120 ug/mL
							Pyrene	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	240 ug/mL
..SM-BenzAcid_00020	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00014	10/31/25		Agilent, Lot 0006910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00005	11/30/25		Agilent, Lot 0006767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00020	11/30/25		Agilent, Lot 0006767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00022	07/31/25		restek, Lot A0200906		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00024	03/30/25		restek, Lot A0201346		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00026	05/30/25		RESTEK, Lot A0204755		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_ICV_ LVI_00010	08/07/24	08/07/23	MeCl2, Lot 2662005	10 mL	SV_BNA_ICV_00010	2 mL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
.SV_BNA_ICV_00010	08/07/24	08/07/23	MeCl2, Lot 2662005	25 mL	SM_ISTD_00196	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
..SM_ISTD_00196	08/31/24	Agilent, Lot 6627459			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SV_ICV_ LVI_00010	08/07/24	08/07/23	MeCl2, Lot 2662005	10 mL	SV_BNA_ICV_00010	2 mL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Chrysene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
.SV_BNA_ICV_00010	08/07/24	08/07/23	MeCl2, Lot 2662005	25 mL	SM_STD1meg2nd_00006	1250 uL	Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Anthracene	50 ug/mL
							Chrysene	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							Phenanthrene	50 ug/mL
							Pyrene	50 ug/mL
..SM_STD1meg2nd_00006	10/30/24	RESTEK, Lot A0190451			(Purchased Reagent)		Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Chrysene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL

Reagent

SS8260-624gas_00542

SS. Gas 542— 561

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3232.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3232.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0210106

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,508.8 µg/mL	+/- 141.9696
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,503.3 µg/mL	+/- 142.0144
3	Vinyl chloride	75-01-4 *	00015559	99%	2,508.1 µg/mL	+/- 141.5910
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,509.7 µg/mL	+/- 141.7417
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,506.6 µg/mL	+/- 141.4209
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,510.1 µg/mL	+/- 142.2642
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,512.0 µg/mL	+/- 142.1976

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

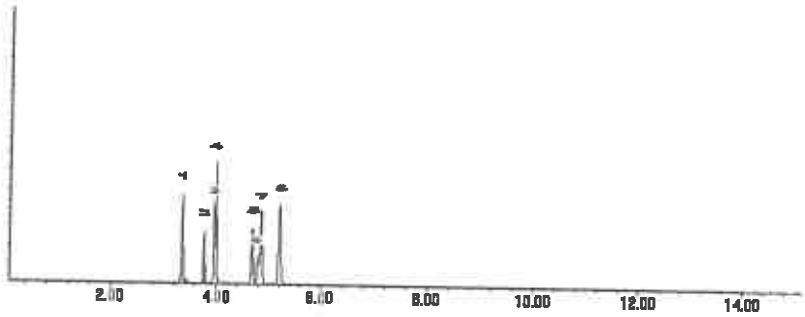
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
25.0 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael S. Maye - Operations Tech III | Date Mixed: 10-Apr-2024 | Balance Serial # 1127510105

Christie Mills - Operations Lead Tech - ARM QC | Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SURR_STK_00549

Surr_stk 549- 553

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309
www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567650 **Lot No.:** A0201943

Description: 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size: 5 mL **Pkg Amt:** > 5 mL

Expiration Date: September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

Solvent: P&T Methanol

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:
105m x 0.53 mm x 3.0
Rtx-502.2 (cat.# 10917)

Carrier Gas:
hydrogen [illegible] 110 psi

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

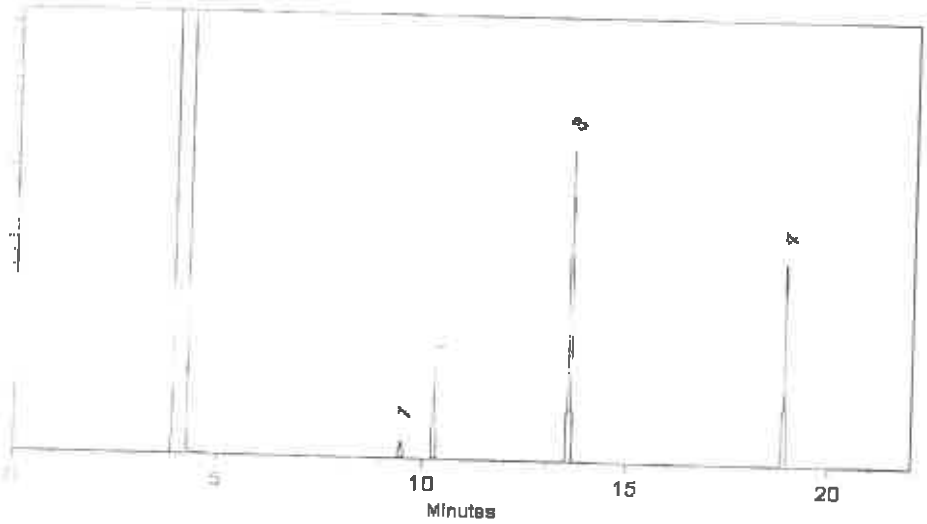
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Prepared by: [illegible] **Date Mixed:** [illegible] **Balance Serial #** 1127510105

Jennifer Po[illegible] [illegible]rs Tech III - ARM QC **Date Passed:** 19-Sep-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Genc[illegible] Certified Reference Material Notes

Expira[illegible] Notes:

- [illegible]piration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the [illegible]commended condition found in the storage field.

Purity [illegible]tes:

- [illegible]rity a[illegible]d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, [illegible]S, LC/MS, RI, and/or melting [illegible]int.
- [illegible]s with a listed purity of l[illegible] than [illegible] have been weight corrected to compensate for impurities and/or salts. A [illegible] factor is used to calcula[illegible] of compound necessary to achieve the desired concentration of the [illegible] solution.
- [illegible] compounds is [illegible] the isomers.
- [illegible] values are rounded to the nearest whole number.

Certifi[illegible] Uncertainty Value Notes:

- [illegible]ertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded [illegible]certainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability [illegible]certainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = \sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

[illegible] g[illegible] k=2, wh[illegible] [illegible] confidence of approximately 95%.

[illegible] [illegible]ze for which uncertainty is valid. The [illegible] are over-filled to ensure [illegible] packaged amount [illegible] be sufficiently transferred.

Manuf[illegible]ing Notes:

- [illegible]ntration is based upon gravimetric preparation using either a balance whose calibration has been verified daily [illegible] traceable weights, and/or dilutions with Class A glassware.

Handli[illegible] Notes:

- [illegible] of this [illegible] product, when stored in compliance with the recommended conditions, is guaranteed through [illegible] displayed on the product label and certificate. Contact Restek for additional opened product stability [illegible], with the knowledge and understanding that each product stability is subject to the specific handling and [illegible] conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with [illegible]
- [illegible] standard [illegible] packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom [illegible]. Additionally, Restek [illegible] DMDCS for the purpose of glassware deactivation as catalog number 31861, [illegible]
- [illegible] m[illegible] visi[illegible] [illegible], [illegible] the unopened ampul until the material is completely

Reagent

WC_CN complex_00006

ABSOLUTE STANDARDS, INC.

7732819+
2820

ISO - 17034

Certificate of Analysis

Certified Reference Material (CRM)

Conformance: The "Certificate of Analysis" is applicable for CRM's, fulfilling the requirements in the current version of: ISO 17034.

Health & Safety: See the attached SDS & Certified Weight Report before use.

Intended Use: This Certified Reference Material (CRM) is intended primarily for use in the characterization of unknowns and the establishment of analyzer or instrument response factors by qualified personnel. Typical instrumental organic assays include: GC & LC, and inorganic assays include: ICP & AA. This product is for laboratory use only.

Characterization Values: In production, gravimetric/volumetric readings are certified to be within +/- 0.5% of the stated value & are valid between 18 °C & 30 °C. The measured characterization of uncertainty can be found on the Certified Weight Report. All product weighings are performed on an analytical balance that is calibrated to NIST Traceable standard weights & certified by the manufacturer. The volumetric glassware used is Class "A" type & conforms to ASTM E-288 unless otherwise stated. The solvents & compounds used are of the highest practical purity & typically meet or exceed ACS Reagent Grade & ACS Standards Grade specifications. The expanded uncertainty field on Certified Wt. Report represents CRM uncertainty as described in ISO 17034.

Homogeneity: Uncertainties that are due to the analytical procedure(s) are within +/-5% unless specifically stated on the Certified Wt. Report.

Verification: Uncertainties that are due to the analytical procedure(s) are within +/-5% unless specifically stated on the Certified Wt. Report.

Stability: Uncertainties for short-term stability are determined in accordance with ISO 17034. Long-term stability is determined in accordance with ISO 17034. The shelf life is limited by the stated expiration for each product. Expiration dates and additional technical information can be found on the Certified Weight Report and on the product label.

Uncertainty: U_{CRM} is the expanded uncertainty which utilizes a K = 2 (coverage factor of 2), in accordance with ISO 17034 as listed above (Characterization, Homogeneity, Verification, and Stability).

Purity & Identity: Organic solutions are typically formulated from neat materials whose purity & identity have been characterized by GC-MSD & LC-PDA techniques with comparison to a NIST Traceable library of mass spectra when available. Additional characterization techniques may include but are not limited to: refractive index measurements of liquids, melting point measurements of solids, & GC-FID, ECD, PID, ELCD, LC-PDA measurements for purity. Inorganic solutions & neats are typically formulated from materials whose purity & identity have been characterized by ICPMS with comparison to a NIST SRM® when available. Additional characterization techniques may include but are not limited to: titrimetry, and densitometry.

Storage: Sealed ampules and other containers should be stored in the dark and at temperatures indicated on the Certified Weight Report or product label. Certification by Absolute Standards, Inc. is typically valid for 3 years from the date of manufacture. Each product will show its own expiration date as the limit of certification. Certified values are not applicable to opened ampules or for any materials stored in re-sealable containers. Please see the "Certified Weight Report" for specific values and any exceptions.

Usage: Ampules & bottles should be brought to room temperature (18 to 30 °C) before opening. Sonication may be required for high concentration solutions or solutions that may precipitate during storage. After opening, care should be exercised to avoid concentration changes owing to evaporation of the solvent or essential components. We recommend that a suitable re-sealable container be available before opening an ampule to decant the standard for short-term storage and use.

Minimum Sample Size: 0.5 uL for analytical applications.

Legal Notice: Warranty of products are as described when shipped. No warranty as to fitness for any particular application is expressed or implied. Errant shipments and/or quality claims must be made within 10 days of receipt. Liability is limited solely to the replacement of the product or refund of purchase price.

Certifying Officer: Stephen J. Arpie, M.S., Director General

Absolute Standards, Inc. • 44 Rossotto Drive • Hamden, CT 06514
Voice: 800-368-1131 • Fax: 800-410-2577 • eMail: StephenArpie@AbsoluteStandards.com
Document Identification: Certificate of Analysis Rev 14, Date Issued: 05/30/2019

ABSOLUTE STANDARDS, INC.

ISO - 17034

Understanding the Certified Weight Report

Each Certified Reference Material (CRM) is supported by a Certified Weight Report. Assigned values for concentrations and associated uncertainties are based upon NIST traceable masses & volumes used in production.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ISO 17034 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT

Part # / Lot #

Part Number: 10009R
Lot Number: 070716
Description: CLP Priority Pollutant Internal Standards
GC/MS Calibration - 6 components

Solvent(s): Methylene chloride
Lot#: 78782

Shelf Life

Expiration Date: 070721
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 4000
NIST Test ID#: 822-276872-11

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 500.0

Formulator Reviewer

Formulated By: Paul Barron 070716 DATE

Reviewed By: Pedro L. Rentas 070716 DATE

Target Compounds

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty +/-/ (µg/mL)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,4-Dichlorobenzene-d4	118	PR-18488/07287CB1	4000	98	0.2	2.04093	2.04335	4004.7	16.4	3855-82-1	N/A	ori-rat 500mg/kg
2. Naphthalene-d8	223	PR-233200316121NP1	4000	99	0.2	2.02032	2.02084	4001.0	16.2	1146-65-2	10 ppm (50mg/m3/8H)	ori-rat 490mg/kg
3. Acenaphthene-d10	2	PR-25444	4000	99	0.2	2.02032	2.02245	4004.2	16.2	15067-26-2	N/A	ipr-rat 500mg/kg
4. Phenanthrene-d10	249	PR-230605/061711PN1	4000	98	0.2	2.04093	2.04136	4000.8	16.4	1517-22-2	N/A	N/A
5. Chrysene-d12	92	I-19260	4000	98	0.2	2.04093	2.04159	4001.3	16.4	1719-03-5	N/A	N/A
6. Perylene-d12	247	PR-24113	4000	98	0.2	2.04083	2.04156	4001.2	16.4	1520-96-3	N/A	N/A

Actual Concentration

Uncertainty Values

Health & Safety

Method of Analysis

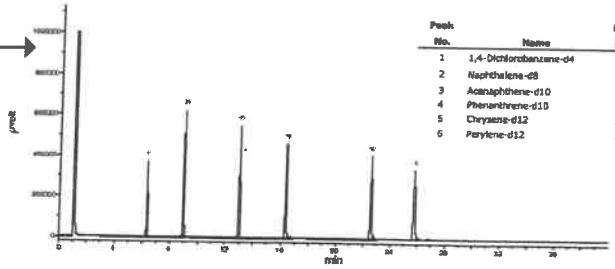
Run 35, "P10009R L070716 [4000µg/mL in MeCl2]"

Run Length: 40.00 min, 23998 points at 10 points/second.
Created: Sat, Jul 9, 2016 at 1:54:53 PM.
Sampled: Sequence "070916-GCMM2", Method "GC9-M2".
Analyzed using Method "GC9-M2".

Comments
GC9-M2 Analysis by Melissa Slonier
Column ID SPB-5 30 meter x 0.53mm x 1.5um Film Thickness.
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL.
Hydrogen (detector) = 30 mL, Air (detector) =300 mL,Oven Temp 1 = 50°C (1 min).
Rate = 10°C/min, Oven Temp 2 = 300°C (14 min), Total Run Time = 40 Minutes. Injector Temp = 250°C.
FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673. Standard Injection = 0.5 uL, Range = 4

Absolute Standards, Inc. and Supelco, Inc. have tested and reciprocally reviewed the analytical data for these products. They are approved for sale as third party reviewed standards. Absolute Standards, Inc. and Millipore-Sigma, Inc. have met established specifications under the terms of agreement for Reciprocal Data Review (RDaR™).

Qualitative Quantitative



Peak No.	Name	FID RT (min.)
1	1,4-Dichlorobenzene-d4	6.34
2	Naphthalene-d8	8.98
3	Acenaphthene-d10	12.97
4	Phenanthrene-d10	16.37
5	Chrysene-d12	22.62
6	Perylene-d12	25.75

Absolute Standards, Inc. P#10009R L#070716
Supelco, Inc. P#47906 L#A55669

Analyte	Sup/Abs Dev (%) (Sup/Abs) X 100-100
1,4-Dichlorobenzene-d4	2.55
Naphthalene-d8	2.43
Acenaphthene-d10	2.74
Phenanthrene-d10	0.05
Chrysene-d12	1.92
Perylene-d12	-1.73
Total	-0.56

3rd Party Comparison

Part # 10009R Lot # 041219 1 of 2 Printed: 5/8/2019, 12:55:50 PM

For More Information, Contact:

StephenArpie@AbsoluteStandards.com

Absolute Standards, Inc. • 44 Rossotto Drive • Hamden, CT 06514
Voice: 800-368-1131 • Fax: 800-410-2577 • eMail: StephenArpie@AbsoluteStandards.com
Document Identification: Certificate of Analysis Rev 14, Date Issued: 05/30/2019

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 54165
Lot Number: 070523
Description: Total Cyanide (CN^-)
Simple and Complex
Expiration Date: 070525
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weights shown below were diluted to (mL): 1999.48

Solvent: Lot # 070523 ASTM Type 1 Water

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 070523
Reviewed By: Pedro L. Rentas 070523

	Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Potassium cyanide (CN)	IN105	10206876	500	99.0	0.10	40.0	2.52713	2.52715	**500.0**	**1.0**	151-50-8	5 mg/m3	orl-rat 5mg/kg	3141a
2.	Potassium Ferricyanide (III) (CN)	IN166	TS08427AR	500	99.0	0.10	47.5	2.12822	2.12825	**500.0**	**1.0**	13746-66-2	NA	orl-mus 2970mg/kg	3141a
3.	Sodium hydroxide (NaOH)	IN340	MKCL7860	NA	98.9	0.10	100.0	2.96755	2.96768	1467.9	3.0	1310-73-2	2 mg/m3	orl-mus 6600mg/kg	NA
	Total Cyanide (CN^-)									**1000.0**	**2.0**				

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Reagent

OP_Agilent456_00007

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Custom Mix - 10 at 2000ug/mL (5mL)
Product Number: CUS-00003500
Storage Conditions: Store Refrigerated (2° to 8°C).

Lot Number: 0006715186
Lot Issue Date: 17-Nov-2022
Expiration Date: 31-Dec-2024

Component Name	CERTIFIED VALUES Concentration		Expanded Uncertainty	CAS#	Analyte Lot
1,3-dimethylnaphthalene	2001	±	10 µg/mL	000575-41-7	NT00962
BHT (2,6-di-tert-butyl-4-methylphenol)	2008	±	10 µg/mL	000128-37-0	NT02073
2-tert-butyl-p-cresol	2009	±	10 µg/mL	002409-55-4	RM15026-01
benzonitrile	2003	±	10 µg/mL	000100-47-0	RM03650
carbamazepin	2001	±	10 µg/mL	000298-46-4	RM05185
coumarin	2005	±	10 µg/mL	000091-64-5	RM01892
N-methylaniline	2000	±	10 µg/mL	000100-61-8	RM15275
pentachloronitrobenzene	2007	±	10 µg/mL	000082-68-8	RM20368
diphenyl ether	2003	±	10 µg/mL	000101-84-8	NT01385
N,N-dimethylaniline	2001	±	10 µg/mL	000121-69-7	RM15319

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Reagent

OP_Agilent457_00004

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Bisphenol A Std - 1000ug/mL (5mL)	**Lot Number:**	0006715838
Product Number:	CUS-00003804	**Lot Issue Date:**	18-Nov-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Dec-2024

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
bisphenol A	1002	±	5 µg/mL	000080-05-7	RM00927

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

OP_BenzAcid_00014

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569731 **Lot No.:** A0193718

Description : 8270 List 1 / Std #10

8270 List 1 / Std #10 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2024 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Indene	95-13-6	RD221018	98%	2,007.2 µg/mL	+/- 112.7560
2	Benzoic acid	65-85-0	MKCL7479	99%	2,009.9 µg/mL	+/- 112.9084

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

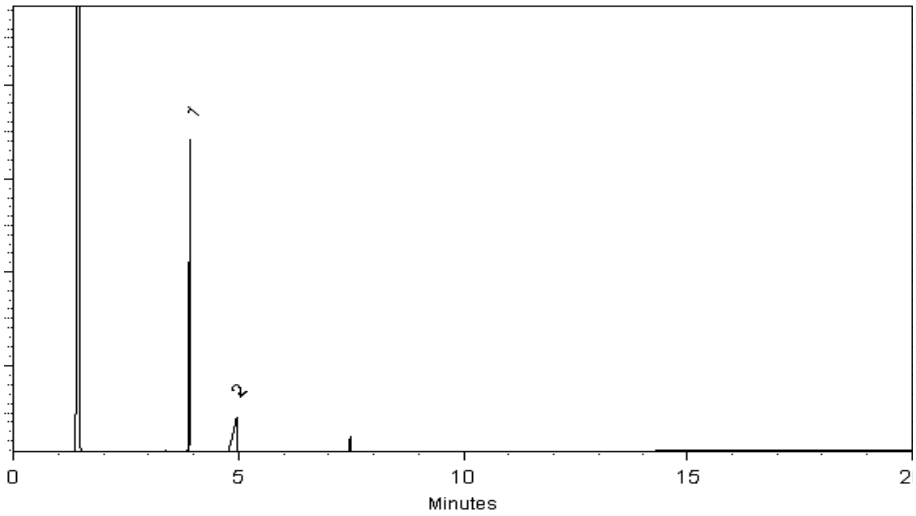
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 18-Jan-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Tech II - ARM QC

Date Passed: 23-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

OP_Benzald_sp_00020

110 Benner Circle
Bellefonte, PA 16823-8812
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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569732 **Lot No.:** A0193487

Description : 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2024 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RDA102822RSR	99%	2,000.0 µg/mL	+/- 58.7396
2	epsilon-Caprolactam	105-60-2	I16X016	99%	2,000.3 µg/mL	+/- 58.7469
3	Atrazine	1912-24-9	PI8FG	99%	2,000.3 µg/mL	+/- 58.7494

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

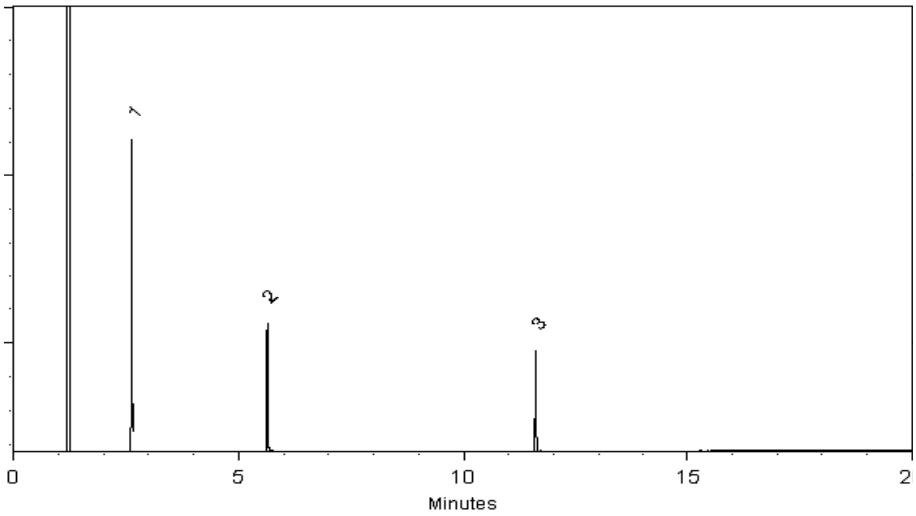
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 12-Jan-2023 **Balance Serial #** B442140311

Christie Mills - Operations Tech II - ARM QC

Date Passed: 16-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

OP_BNA_SURR_00012

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Surrogate Std - 6 at 5000ug/mL (5mL)

Product Number: CUS-00004795

Storage Conditions: Store Refrigerated (2° to 8°C).

Lot Number: 0006715760

Lot Issue Date: 22-Nov-2022

Expiration Date: 31-Dec-2024

Component Name	CERTIFIED VALUES Concentration		Expanded Uncertainty	CAS#	Analyte Lot
2-fluorophenol	5003	±	25 µg/mL	000367-12-4	RM18822
phenol-d5	5003	±	25 µg/mL	004165-62-2	RM19366
nitrobenzene-d5	5018	±	25 µg/mL	004165-60-0	RM19321
2-fluorobiphenyl	5012	±	25 µg/mL	000321-60-8	RM19298
2,4,6-tribromophenol	5003	±	25 µg/mL	000118-79-6	RM10846
p-terphenyl-d14	5004	±	25 µg/mL	001718-51-0	RM17200

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

OP_MEGA_2017_00014

110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995 **Lot No.:** A0204755

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2025 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ2407	99%	1,005.5 µg/mL	+/- 18.5816
2	N-Nitrosodimethylamine	62-75-9	S231113RSR	99%	1,010.0 µg/mL	+/- 18.6648
3	Pyridine	110-86-1	SHBP6240	99%	2,016.2 µg/mL	+/- 37.2501
4	Phenol	108-95-2	MKCK1120	99%	1,006.3 µg/mL	+/- 18.5970
5	Aniline	62-53-3	X22F726	99%	1,007.7 µg/mL	+/- 18.6216
6	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,009.0 µg/mL	+/- 18.6463
7	n-Decane (C10)	124-18-5	SHBQ1342	99%	1,008.2 µg/mL	+/- 18.6309
8	2-Chlorophenol	95-57-8	STBJ3909	99%	1,008.7 µg/mL	+/- 18.6401
9	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.0 µg/mL	+/- 18.5539
10	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,009.7 µg/mL	+/- 18.6586
11	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 18.5816
12	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,008.3 µg/mL	+/- 18.6340
13	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,005.5 µg/mL	+/- 18.5816
14	2,2'-oxybis(1-chloropropane)	108-60-1	230609JLM	99%	1,007.7 µg/mL	+/- 18.6216
15	Acetophenone	98-86-2	STBH8205	99%	1,007.0 µg/mL	+/- 18.6093
16	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	503.0 µg/mL	+/- 9.2954

17	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.0	µg/mL	+/- 9.2954
18	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,007.3	µg/mL	+/- 18.6155
19	Hexachloroethane	67-72-1	QTORH	99%	1,003.8	µg/mL	+/- 18.5508
20	Nitrobenzene	98-95-3	10224044	99%	1,004.3	µg/mL	+/- 18.5600
21	Isophorone	78-59-1	MKCC9506	99%	1,005.5	µg/mL	+/- 18.5816
22	2-Nitrophenol	88-75-5	RP230710	99%	1,005.5	µg/mL	+/- 18.5816
23	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 18.5508
24	Bis(2-chloroethoxy)methane	111-91-1	14407100	99%	1,009.3	µg/mL	+/- 18.6524
25	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,005.2	µg/mL	+/- 18.5754
26	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.3	µg/mL	+/- 18.5970
27	Naphthalene	91-20-3	STBL1057	99%	1,005.0	µg/mL	+/- 18.5724
28	2,6-Dichlorophenol	87-65-0	MKCP7682	99%	1,009.2	µg/mL	+/- 18.6494
29	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,008.2	µg/mL	+/- 18.6309
30	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,007.1	µg/mL	+/- 18.6114
31	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.8	µg/mL	+/- 18.5878
32	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,000.0	µg/mL	+/- 18.4800
33	1-Methylnaphthalene	90-12-0	5234.00-8	98%	999.6	µg/mL	+/- 18.4726
34	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,009.5	µg/mL	+/- 18.6555
35	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,007.9	µg/mL	+/- 18.6265
36	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,005.5	µg/mL	+/- 18.5816
37	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,008.3	µg/mL	+/- 18.6325
38	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.2	µg/mL	+/- 18.5570
39	Biphenyl	92-52-4	MKCL6515	99%	1,005.0	µg/mL	+/- 18.5724
40	2-Nitroaniline	88-74-4	RP230531	99%	1,009.7	µg/mL	+/- 18.6586
41	Acenaphthylene	208-96-8	p06V	98%	1,008.7	µg/mL	+/- 18.6416
42	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,007.5	µg/mL	+/- 18.6186
43	Dimethylphthalate	131-11-3	358221L17K	99%	1,009.5	µg/mL	+/- 18.6555
44	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,007.7	µg/mL	+/- 18.6216
45	3-Nitroaniline	99-09-2	RP231103CTH-1	99%	1,007.2	µg/mL	+/- 18.6124
46	Acenaphthene	83-32-9	MKCR7169	99%	1,008.5	µg/mL	+/- 18.6370
47	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	2,018.7	µg/mL	+/- 37.2963
48	Dibenzofuran	132-64-9	MKCN1772	99%	1,004.0	µg/mL	+/- 18.5539
49	4-Nitrophenol	100-02-7	RP230627	99%	2,019.0	µg/mL	+/- 37.3025
50	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,006.8	µg/mL	+/- 18.6062
51	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,010.0	µg/mL	+/- 18.6648
52	Fluorene	86-73-7	10241100	99%	1,010.0	µg/mL	+/- 18.6648

53	n-Hexadecane (C16)	544-76-3	SHBP8192	99%	1,003.8	µg/mL	+/-	18.5508
54	Diethylphthalate	84-66-2	BCCD3396	99%	1,008.7	µg/mL	+/-	18.6401
55	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,005.3	µg/mL	+/-	18.5785
56	4-Nitroaniline	100-01-6	RP230111	99%	1,005.5	µg/mL	+/-	18.5816
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	2,018.5	µg/mL	+/-	37.2933
58	Diphenylamine	122-39-4	MKCT1512	99%	856.3	µg/mL	+/-	15.8250
59	Azobenzene	103-33-3	BCCK0887	99%	1,005.5	µg/mL	+/-	18.5816
60	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.2	µg/mL	+/-	18.5754
61	Hexachlorobenzene	118-74-1	14821700	99%	1,008.0	µg/mL	+/-	18.6278
62	Pentachlorophenol	87-86-5	RP231108CTH	99%	2,017.7	µg/mL	+/-	37.2779
63	n-Octadecane (C18)	593-45-3	UE5NG	98%	1,008.9	µg/mL	+/-	18.6446
64	Phenanthrene	85-01-8	MKCS5188	99%	1,009.5	µg/mL	+/-	18.6555
65	Anthracene	120-12-7	MKCR0570	99%	1,008.8	µg/mL	+/-	18.6432
66	Carbazole	86-74-8	14351100	99%	1,006.8	µg/mL	+/-	18.6062
67	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.3	µg/mL	+/-	18.6155
68	Fluoranthene	206-44-0	MKCQ4728	99%	1,007.5	µg/mL	+/-	18.6186
69	Pyrene	129-00-0	BCCG8479	98%	1,007.3	µg/mL	+/-	18.6144
70	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,009.8	µg/mL	+/-	18.6617
71	Benz(a)anthracene	56-55-3	I30012022BAA	99%	1,009.2	µg/mL	+/-	18.6494
72	Chrysene	218-01-9	RP231102CTH	99%	1,007.7	µg/mL	+/-	18.6216
73	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,007.3	µg/mL	+/-	18.6155
74	Di-n-octyl phthalate	117-84-0	14783100	99%	1,004.7	µg/mL	+/-	18.5662
75	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,005.3	µg/mL	+/-	18.5785
76	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.7	µg/mL	+/-	18.5477
77	Benzo(a)pyrene	50-32-8	O45GL	98%	1,006.0	µg/mL	+/-	18.5903
78	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,007.0	µg/mL	+/-	18.6097
79	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,005.5	µg/mL	+/-	18.5816
80	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,009.8	µg/mL	+/-	18.6617

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

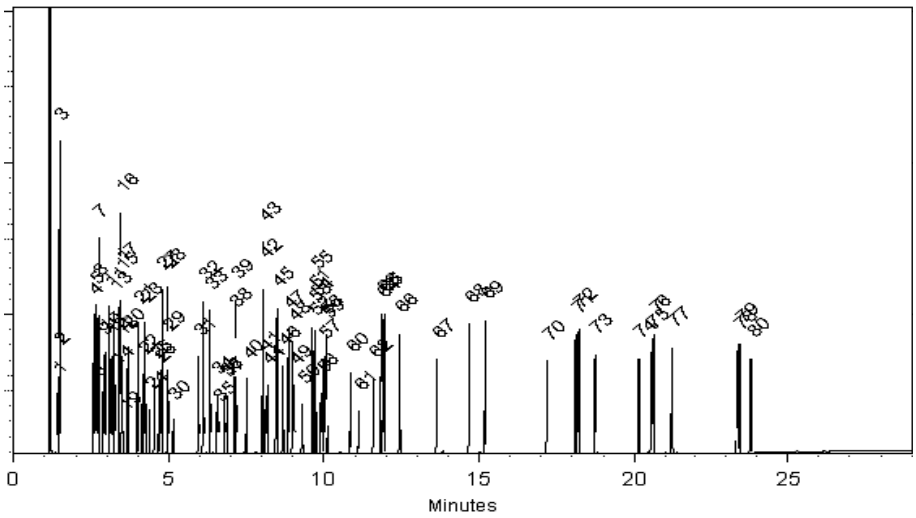
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 27-Nov-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 30-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

OP_std #1_BNA_00013

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569730 **Lot No.:** A0194453

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2024 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S221205RSR	99%	2,018.3 µg/mL	+/- 37.2902
2	3,3'-Dichlorobenzidine	91-94-1	S221201RSR	99%	2,018.6 µg/mL	+/- 37.2948

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

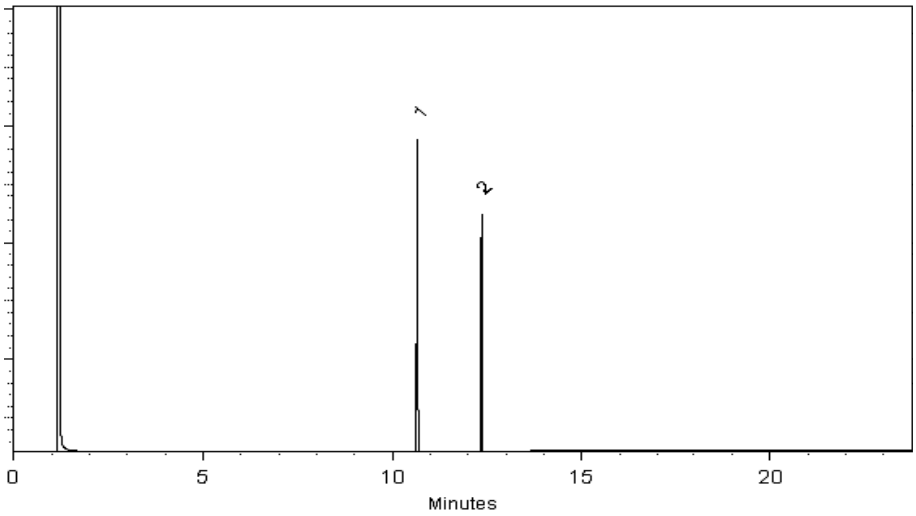
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 08-Feb-2023 **Balance Serial #** 1122030677

Christie Mills - Operations Tech II - ARM QC

Date Passed: 23-Feb-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_4,6-DC-10X_00003

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard

Product Number: PH-150-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574

Lot Issue Date: 13-Apr-2022

Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration		Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003	±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_ISTD_00196

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name	8270 Internal Standard	**Lot Number:**	0006627459
Product Number	CUS-00004805	**Lot Issue Date:**	02-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Aug-2024

Component Name	CERTIFIED VALUES Concentration		Expanded Uncertainty	CAS#	Analyte Lot
acenaphthene-d10	2000	±	10 µg/mL	015067-26-2	RM18766
chrysene-d12	2005	±	10 µg/mL	001719-03-5	RM15976
1,4-dichlorobenzene-d4	1998	±	10 µg/mL	003855-82-1	RM14980
naphthalene-d8	2001	±	10 µg/mL	001146-65-2	RM12698
perylene-d12	2000	±	10 µg/mL	001520-96-3	RM12612
phenanthrene-d10	2001	±	10 µg/mL	001517-22-2	RM17023

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

SM_ISTD_00197

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Internal Std - 6 at 2000ug/mL (5mL)

Product Number: CUS-00004805

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006760251

Lot Issue Date: 13-Sep-2023

Expiration Date: 31-Oct-2026

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
acenaphthene-d10	2010	±	10 µg/mL	015067-26-2	RM18947
chrysene-d12	2008	±	10 µg/mL	001719-03-5	RM18746
1,4-dichlorobenzene-d4	2005	±	10 µg/mL	003855-82-1	RM19347
naphthalene-d8	2009	±	10 µg/mL	001146-65-2	RM19349
perylene-d12	2008	±	10 µg/mL	001520-96-3	RM19985
phenanthrene-d10	2005	±	10 µg/mL	001517-22-2	RM19350

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

SM_PAHmixS_00018

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: PAH Standard

Product Number: PAH-605-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006688137

Lot Issue Date: 15-Jun-2022

Expiration Date: 31-Jul-2024

Component Name	CERTIFIED VALUES Concentration		Expanded Uncertainty	CAS#	Analyte Lot
acenaphthene	100.3	±	0.5 µg/mL	000083-32-9	RM10879
acenaphthylene	100.2	±	0.5 µg/mL	000208-96-8	RM10891
anthracene	100.2	±	0.5 µg/mL	000120-12-7	RM03477
benzo[b]fluoranthene	100.3	±	0.5 µg/mL	000205-99-2	RM20090
benzo[k]fluoranthene	100.3	±	0.5 µg/mL	000207-08-9	RM20146
benzo[ghi]perylene	100.1	±	0.5 µg/mL	000191-24-2	RM19159
benzo[a]pyrene	100.3	±	0.5 µg/mL	000050-32-8	RM19870
chrysene	100.3	±	0.5 µg/mL	000218-01-9	RM19755
dibenz[a,h]anthracene	100.1	±	0.5 µg/mL	000053-70-3	RM06786
fluoranthene	100.0	±	0.5 µg/mL	000206-44-0	RM12277
fluorene	100.1	±	0.5 µg/mL	000086-73-7	RM13733
indeno[1,2,3-cd]pyrene	100.4	±	0.5 µg/mL	000193-39-5	RM19421
naphthalene	100.1	±	0.5 µg/mL	000091-20-3	RM10445
phenanthrene	100.3	±	0.5 µg/mL	000085-01-8	RM10495
pyrene	100.2	±	0.5 µg/mL	000129-00-0	RM16126
benz[a]anthracene	100.3	±	0.5 µg/mL	000056-55-3	RM19299

Matrix: methanol/methylene chloride (1:1)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (20) ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-C11_20240617	480-220956-1	109	117	110	115
MW-C12_20240617	480-220956-2	96	102	96	102
MW-C16_20240617	480-220956-3	105	113	111	113
MW-13S_20240617	480-220956-4	94	102	102	103
MW-22S_20240618	480-220956-5	96	103	101	105
MW-23S_20240618	480-220956-6	97	101	96	99
MW-46S_20240618	480-220956-7	98	103	93	96
MW-48S_20240618	480-220956-8	96	103	95	100
DUP-1_202406	480-220956-9	96	103	94	95
TRIP BLANK-202406	480-220956-10	96	103	95	101
	MB 480-716043/8	99	106	105	105
	MB 480-716047/8	97	106	97	100
	MB 480-716220/9	98	102	96	102
	LCS 480-716043/6	103	108	109	113
	LCS 480-716047/6	104	104	96	95
	LCS 480-716220/6	103	103	96	99
MW-C12_20240617 MS MS	480-220956-2 MS	105	102	96	97
MW-C12_20240617 MSD MSD	480-220956-2 MSD	108	105	100	102

	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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S9875.d

Lab ID: LCS 480-716043/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	28.3	113	71-124	
Toluene	25.0	27.6	110	80-122	
Ethylbenzene	25.0	28.0	112	77-123	
m-Xylene & p-Xylene	25.0	28.1	112	76-122	
o-Xylene	25.0	25.2	101	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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L6693.D

Lab ID: LCS 480-716047/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	25.6	102	71-124	
Toluene	25.0	22.8	91	80-122	
Ethylbenzene	25.0	23.3	93	77-123	
m-Xylene & p-Xylene	25.0	23.2	93	76-122	
o-Xylene	25.0	22.6	90	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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L6744.D

Lab ID: LCS 480-716220/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	25.0	100	71-124	
Toluene	25.0	22.2	89	80-122	
Ethylbenzene	25.0	22.6	90	77-123	
m-Xylene & p-Xylene	25.0	23.1	92	76-122	
o-Xylene	25.0	22.2	89	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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L6711.D

Lab ID: 480-220956-2 MS Client ID: MW-C12_20240617 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	25.0	1.0 U	27.8	111	71-124	
Toluene	25.0	1.0 U	24.3	97	80-122	
Ethylbenzene	25.0	1.0 U	25.0	100	77-123	
m-Xylene & p-Xylene	25.0	2.0 U	25.0	100	76-122	
o-Xylene	25.0	1.0 U	24.2	97	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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L6712.D

Lab ID: 480-220956-2 MSD Client ID: MW-C12_20240617 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	25.0	32.2	129	15	13	71-124	F1 F2
Toluene	25.0	28.2	113	15	15	80-122	
Ethylbenzene	25.0	28.5	114	13	15	77-123	
m-Xylene & p-Xylene	25.0	28.7	115	14	16	76-122	
o-Xylene	25.0	28.0	112	14	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.: 480-220956-1

SDG No.:

Lab File ID: S9877.d Lab Sample ID: MB 480-716043/8

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

Instrument ID: HP5973S Date Analyzed: 06/19/2024 13:03

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 480-716043/6	S9875.d	06/19/2024 12:17
MW-C11_20240617	480-220956-1	S9892.d	06/19/2024 19:12
MW-C16_20240617	480-220956-3	S9893.d	06/19/2024 19:35
MW-13S_20240617	480-220956-4	S9894.d	06/19/2024 19:58
MW-22S_20240618	480-220956-5	S9895.d	06/19/2024 20:22

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: L6695.D Lab Sample ID: MB 480-716047/8

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

Instrument ID: HP5977L Date Analyzed: 06/19/2024 13:29

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 480-716047/6	L6693.D	06/19/2024 12:39
MW-48S_20240618	480-220956-8	L6707.D	06/19/2024 18:25
DUP-1_202406	480-220956-9	L6708.D	06/19/2024 18:51
TRIP BLANK-202406	480-220956-10	L6709.D	06/19/2024 19:16
MW-C12_20240617	480-220956-2	L6710.D	06/19/2024 19:41
MW-C12_20240617 MS MS	480-220956-2 MS	L6711.D	06/19/2024 20:07
MW-C12_20240617 MSD MSD	480-220956-2 MSD	L6712.D	06/19/2024 20:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: L6747.D Lab Sample ID: MB 480-716220/9

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

Instrument ID: HP5977L Date Analyzed: 06/20/2024 13:37

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 480-716220/6	L6744.D	06/20/2024 12:21
MW-23S_20240618	480-220956-6	L6752.D	06/20/2024 16:03
MW-46S_20240618	480-220956-7	L6753.D	06/20/2024 16:28

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: S8301.d BFB Injection Date: 05/06/2024

Instrument ID: HP5973S BFB Injection Time: 15:58

Analysis Batch No.: 710810

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.8	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	77.8	
175	5.0 - 9.0 % of mass 174	6.8	(8.8) 1
176	95.0 - 101.0 % of mass 174	74.4	(95.7) 1
177	5.0 - 9.0 % of mass 176	5.0	(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
	IC 480-710810/13	S8303.d	05/06/2024	16:50
	IC 480-710810/14	S8304.d	05/06/2024	17:13
	IC 480-710810/15	S8305.d	05/06/2024	17:36
	IC 480-710810/16	S8306.d	05/06/2024	17:59
	IC 480-710810/17	S8307.d	05/06/2024	18:22
	ICIS 480-710810/18	S8308.d	05/06/2024	18:46
	IC 480-710810/19	S8309.d	05/06/2024	19:09
	IC 480-710810/20	S8310.d	05/06/2024	19:32
	ICV 480-710810/34	S8324.d	05/07/2024	1:23

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: S9872.d BFB Injection Date: 06/19/2024

Instrument ID: HP5973S BFB Injection Time: 10:06

Analysis Batch No.: 716043

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	50.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	6.7	(8.3) 1
176	95.0 - 101.0 % of mass 174	77.7	(97.1) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.9) 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 480-716043/4	S9873.d	06/19/2024	11:12
	LCS 480-716043/6	S9875.d	06/19/2024	12:17
	MB 480-716043/8	S9877.d	06/19/2024	13:03
MW-C11_20240617	480-220956-1	S9892.d	06/19/2024	19:12
MW-C16_20240617	480-220956-3	S9893.d	06/19/2024	19:35
MW-13S_20240617	480-220956-4	S9894.d	06/19/2024	19:58
MW-22S_20240618	480-220956-5	S9895.d	06/19/2024	20:22

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: L5822.D BFB Injection Date: 05/22/2024

Instrument ID: HP5977L BFB Injection Time: 15:22

Analysis Batch No.: 713009

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	44.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.0	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	6.7	(7.5) 1
176	95.0 - 101.0 % of mass 174	87.1	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.4) 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 480-713009/13	L5824.D	05/22/2024	16:17
	IC 480-713009/14	L5825.D	05/22/2024	16:42
	IC 480-713009/15	L5826.D	05/22/2024	17:07
	IC 480-713009/16	L5827.D	05/22/2024	17:32
	IC 480-713009/17	L5828.D	05/22/2024	17:57
	ICIS 480-713009/18	L5829.D	05/22/2024	18:22
	IC 480-713009/19	L5830.D	05/22/2024	18:47
	IC 480-713009/20	L5831.D	05/22/2024	19:13
	ICV 480-713009/34	L5845.D	05/23/2024	1:05

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: L6690.D BFB Injection Date: 06/19/2024

Instrument ID: HP5977L BFB Injection Time: 11:11

Analysis Batch No.: 716047

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.4
75	30.0 - 60.0 % of mass 95	45.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	84.7
175	5.0 - 9.0 % of mass 174	6.3 (7.4) 1
176	95.0 - 101.0 % of mass 174	84.7 (100.0) 1
177	5.0 - 9.0 % of mass 176	5.4 (6.3) 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 480-716047/4	L6691.D	06/19/2024	11:38
	LCS 480-716047/6	L6693.D	06/19/2024	12:39
	MB 480-716047/8	L6695.D	06/19/2024	13:29
MW-48S_20240618	480-220956-8	L6707.D	06/19/2024	18:25
DUP-1_202406	480-220956-9	L6708.D	06/19/2024	18:51
TRIP BLANK-202406	480-220956-10	L6709.D	06/19/2024	19:16
MW-C12_20240617	480-220956-2	L6710.D	06/19/2024	19:41
MW-C12_20240617 MS MS	480-220956-2 MS	L6711.D	06/19/2024	20:07
MW-C12_20240617 MSD MSD	480-220956-2 MSD	L6712.D	06/19/2024	20:31

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab File ID: L6741.D BFB Injection Date: 06/20/2024

Instrument ID: HP5977L BFB Injection Time: 10:46

Analysis Batch No.: 716220

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	87.4	
175	5.0 - 9.0 % of mass 174	7.0	(8.1) 1
176	95.0 - 101.0 % of mass 174	86.2	(98.7) 1
177	5.0 - 9.0 % of mass 176	5.5	(6.4) 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 480-716220/4	L6742.D	06/20/2024	11:13
	LCS 480-716220/6	L6744.D	06/20/2024	12:21
	MB 480-716220/9	L6747.D	06/20/2024	13:37
MW-23S_20240618	480-220956-6	L6752.D	06/20/2024	16:03
MW-46S_20240618	480-220956-7	L6753.D	06/20/2024	16:28

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Sample No.: ICIS 480-710810/18 Date Analyzed: 05/06/2024 18:46

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

Lab File ID (Standard): S8308.d Heated Purge: (Y/N) N

Calibration ID: 46463

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		200964	4.76	363207	7.70	379967	10.15
UPPER LIMIT		401928	4.93	726414	7.87	759934	10.32
LOWER LIMIT		100482	4.59	181604	7.54	189984	9.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-716043/4		194017	4.76	390750	7.71	412969	10.15

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.167 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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 480-716043/4 Date Analyzed: 06/19/2024 11:12

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

Lab File ID (Standard): S9873.d Heated Purge: (Y/N) N

Calibration ID: 46466

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		194017	4.76	390750	7.71	412969	10.15
UPPER LIMIT		388034	4.93	781500	7.88	825938	10.32
LOWER LIMIT		97009	4.59	195375	7.54	206485	9.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-716043/6		188759	4.76	397560	7.71	407787	10.15
MB 480-716043/8		181520	4.76	357710	7.70	373439	10.15
480-220956-1	MW-C11_20240617	151443	4.76	320662	7.71	320804	10.15
480-220956-3	MW-C16_20240617	161153	4.76	319806	7.71	343936	10.15
480-220956-4	MW-13S_20240617	178951	4.76	362483	7.71	375810	10.15
480-220956-5	MW-22S_20240618	177374	4.76	354386	7.70	377744	10.15

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.167 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.: 480-220956-1

SDG No.:

Sample No.: ICIS 480-713009/18 Date Analyzed: 05/22/2024 18:22

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

Lab File ID (Standard): L5829.D Heated Purge: (Y/N) N

Calibration ID: 46657

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		159237	5.67	662449	8.54	347161	10.95
UPPER LIMIT		318474	5.84	1324898	8.71	694322	11.12
LOWER LIMIT		79619	5.50	331225	8.38	173581	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-716047/4		132739	5.67	592145	8.54	314359	10.95
CCVIS 480-716220/4		126604	5.67	567470	8.54	297266	10.95

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.167 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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 480-716047/4 Date Analyzed: 06/19/2024 11:38

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

Lab File ID (Standard): L6691.D Heated Purge: (Y/N) N

Calibration ID: 46660

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		132739	5.67	592145	8.54	314359	10.95
UPPER LIMIT		265478	5.83	1184290	8.71	628718	11.12
LOWER LIMIT		66370	5.50	296073	8.38	157180	10.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-716047/6		134625	5.67	594624	8.54	303829	10.95
MB 480-716047/8		119881	5.67	533112	8.55	293467	10.95
480-220956-8	MW-48S_20240618	119545	5.67	540092	8.55	292003	10.95
480-220956-9	DUP-1_202406	118026	5.67	530861	8.55	287285	10.95
480-220956-10	TRIP BLANK-202406	122429	5.67	553462	8.55	324256	10.95
480-220956-2	MW-C12_20240617	118900	5.67	533761	8.55	292431	10.95
480-220956-2 MS	MW-C12_20240617 MS MS	129876	5.67	580843	8.55	305066	10.95
480-220956-2 MSD	MW-C12_20240617 MSD MSD	125343	5.67	564883	8.54	286474	10.95

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.167 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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 480-716220/4 Date Analyzed: 06/20/2024 11:13

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

Lab File ID (Standard): L6742.D Heated Purge: (Y/N) N

Calibration ID: 46660

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		126604	5.67	567470	8.54	297266	10.95
UPPER LIMIT		253208	5.83	1134940	8.71	594532	11.12
LOWER LIMIT		63302	5.50	283735	8.38	148633	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-716220/6		136330	5.67	611641	8.54	321816	10.95
MB 480-716220/9		123647	5.67	555523	8.55	298840	10.95
480-220956-6	MW-23S_20240618	134143	5.67	585658	8.55	302071	10.95
480-220956-7	MW-46S_20240618	130078	5.67	595093	8.55	335131	10.95

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.167 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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C11_20240617
Lab Sample ID: 480-220956-1
Matrix: Water
Lab File ID: S9892.d
Analysis Method: 8260C
Date Collected: 06/17/2024 10:40
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 19:12
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.: 716043
Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	110		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		77-120
460-00-4	4-Bromofluorobenzene (Surr)	115		73-120
1868-53-7	Dibromofluoromethane (Surr)	109		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9892.d				
Lims ID:	480-220956-D-1				
Client ID:	MW-C11_20240617				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:12:30	ALS Bottle#:	23	Worklist Smp#:	47
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Sample Info:	480-220956-D-1				
Misc. Info.:	480-0118654-047				
Operator ID:	ZN	Instrument ID:	HP5973S		

Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 09:47:45	Calib Date:	07-May-2024 00:13:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d		

Column 1 :	ZB-624 (0.18 mm)	Det: MS SCAN
Process Host:	CTX1670	

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:47:56

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	151443	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	320662	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	93	320804	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	58	231323	27.2	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	92	146696	29.4	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	92	851675	27.4	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.962	0.001	93	273238	28.6	
57 Benzene	78		4.484				ND	
74 Toluene	92		6.309				ND	
88 Ethylbenzene	91		7.836				ND	
90 m-Xylene & p-Xylene	106		7.958				ND	
91 o-Xylene	106		8.377				ND	
S 123 Total BTEX	1		30.000				ND	7
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

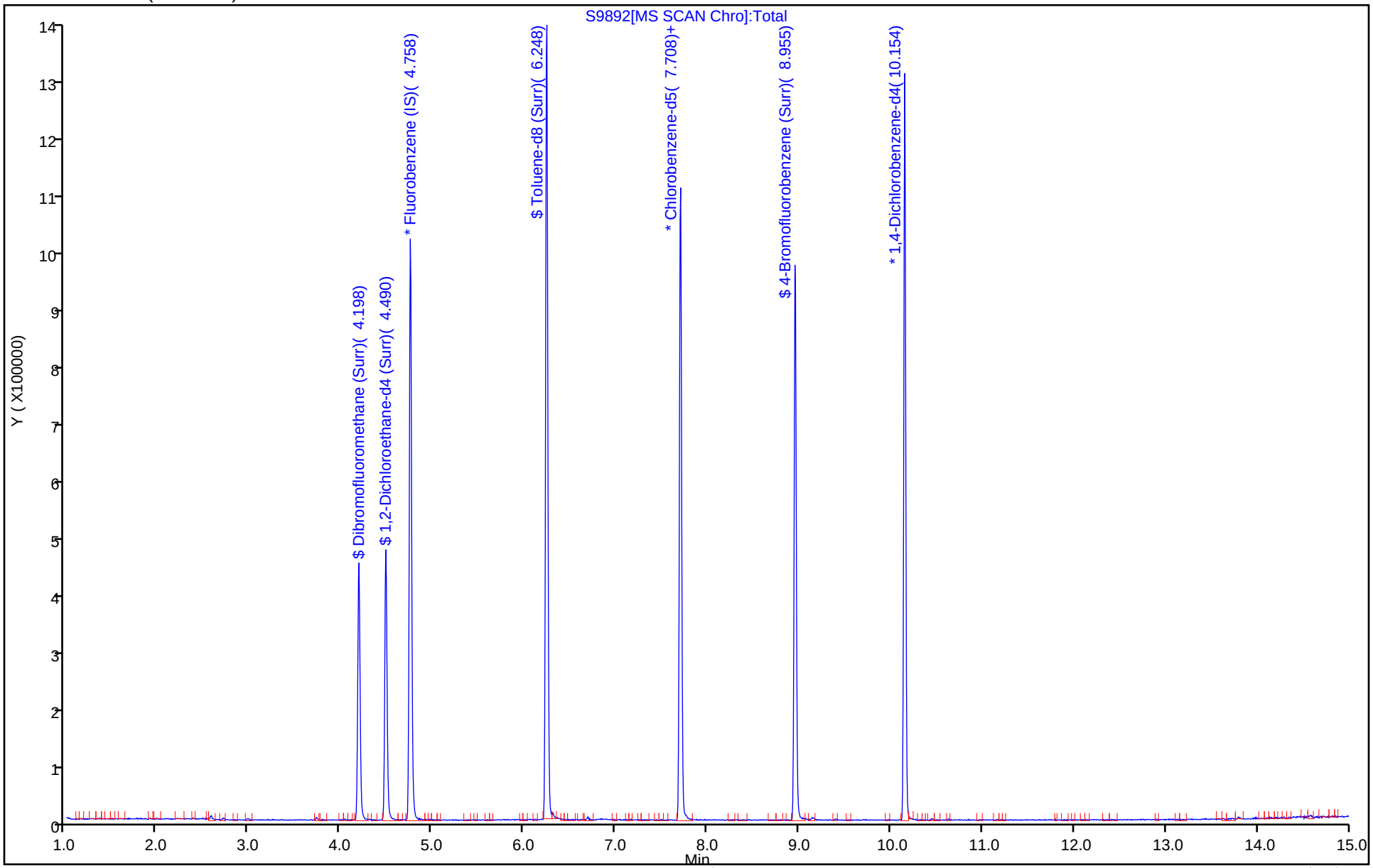
S_8260_IS_00390	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00480	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 09:47:56 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9892.d				
Injection Date:	19-Jun-2024 19:12:30	Instrument ID:	HP5973S	Operator ID:	ZN
Lims ID:	480-220956-D-1	Lab Sample ID:	480-220956-1	Worklist Smp#:	47
Client ID:	MW-C11_20240617				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	23
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9892.d				
Lims ID:	480-220956-D-1				
Client ID:	MW-C11_20240617				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:12:30	ALS Bottle#:	23	Worklist Smp#:	47
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Sample Info:	480-220956-D-1				
Misc. Info.:	480-0118654-047				
Operator ID:	ZN	Instrument ID:	HP5973S		

Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 09:47:45	Calib Date:	07-May-2024 00:13:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d		

Column 1 :	ZB-624 (0.18 mm)	Det: MS SCAN
Process Host:	CTX1670	

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:47:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	27.2	108.83
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	29.4	117.45
$ 5 Toluene-d8 (Surr)	25.0	27.4	109.51
$ 6 4-Bromofluorobenzene (Surr)	25.0	28.6	114.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617
Lab Sample ID: 480-220956-2
Matrix: Water
Lab File ID: L6710.D
Analysis Method: 8260C
Date Collected: 06/17/2024 13:10
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 19:41
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U F1 F2	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)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6710.D
Lims ID: 480-220956-D-2
Client ID: MW-C12_20240617
Sample Type: Client
Inject. Date: 19-Jun-2024 19:41:34 ALS Bottle#: 0 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-2
Misc. Info.: 480-0118655-041
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:24:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.670	5.670	0.000	99	118900	25.0	
* 2 Chlorobenzene-d5	117	8.548	8.544	0.004	85	533761	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	292431	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.127	5.127	0.000	93	149704	24.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	169292	25.6	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	93	657477	24.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.786	9.789	0.000	99	214010	25.6	
70 Benzene	78		5.432				ND	U
88 Toluene	92		7.152				ND	
104 Ethylbenzene	91		8.644				ND	
106 m-Xylene & p-Xylene	106		8.760				ND	
107 o-Xylene	106		9.191				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
Review Flags
U - Marked Undetected

Reagents:

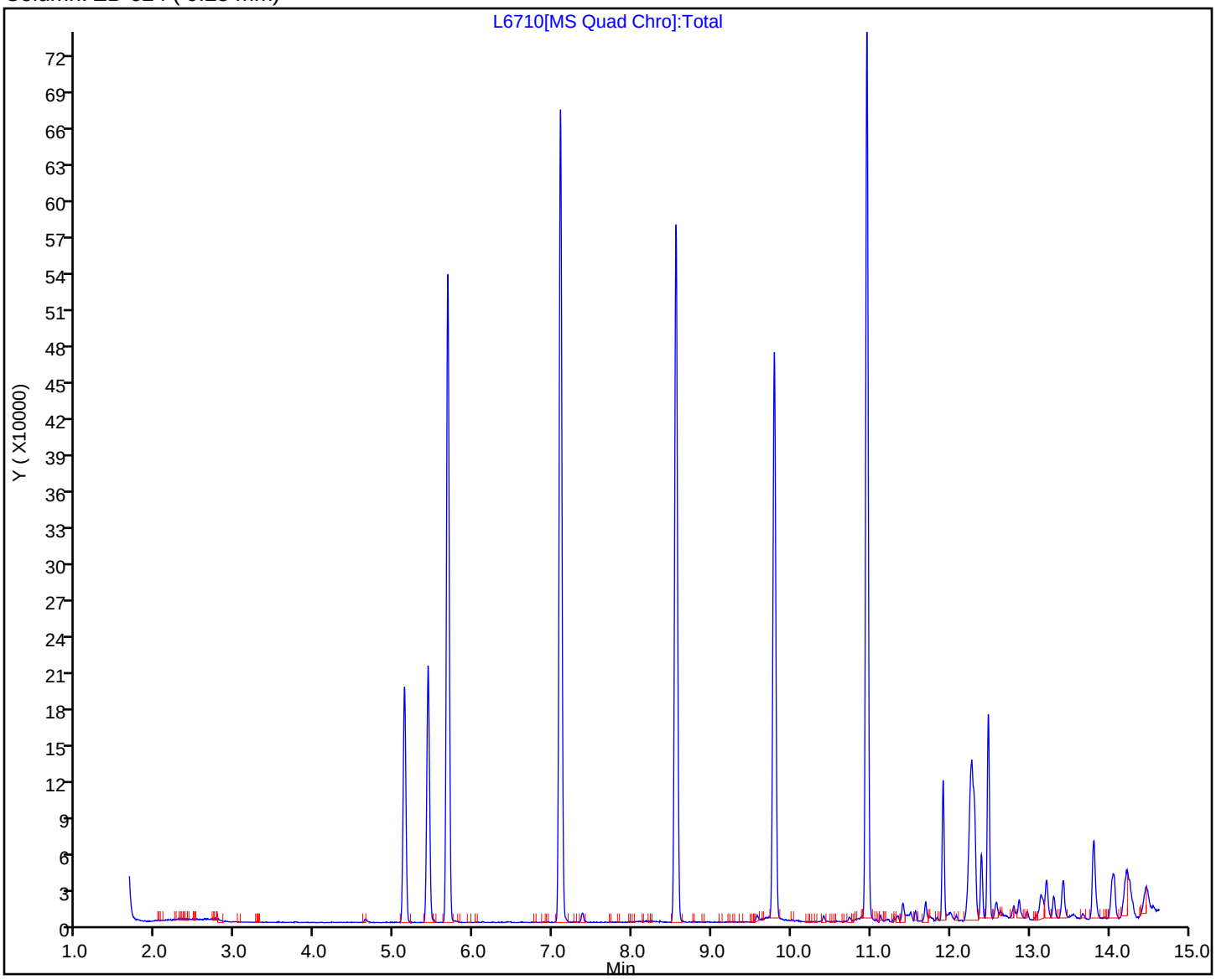
L_8260_IS_00056 Amount Added: 2.00 Units: uL Run Reagent
L_8260_SURR_00054 Amount Added: 2.00 Units: uL Run Reagent

Report Date: 20-Jun-2024 10:24:53 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6710.D				
Injection Date:	19-Jun-2024 19:41:34	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-2	Lab Sample ID:	480-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	41
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\20240619-118655.b\L6710.D				
Lims ID:	480-220956-D-2				
Client ID:	MW-C12_20240617				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:41:34	ALS Bottle#:	0	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-2				
Misc. Info.:	480-0118655-041				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:24:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.1	96.48
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.6	102.46
$ 6 Toluene-d8 (Surr)	25.0	24.0	95.95
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.6	102.37

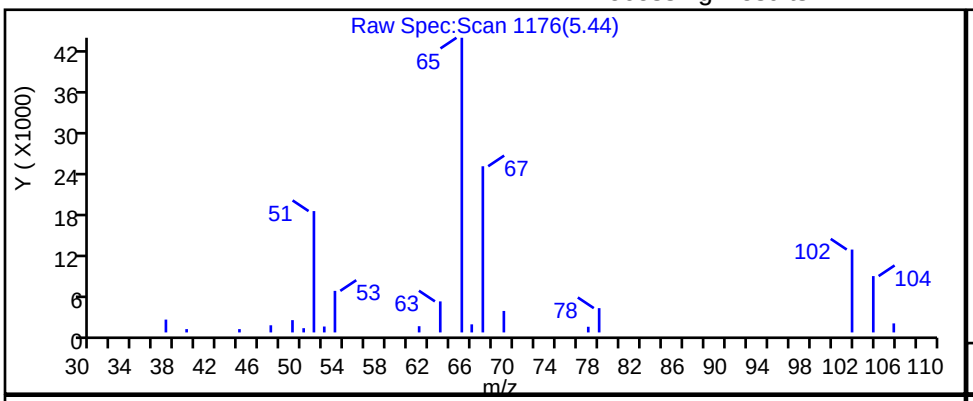
User Disabled Compound Report

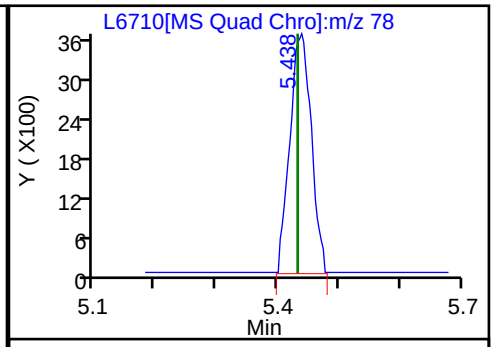
Eurofins Buffalo

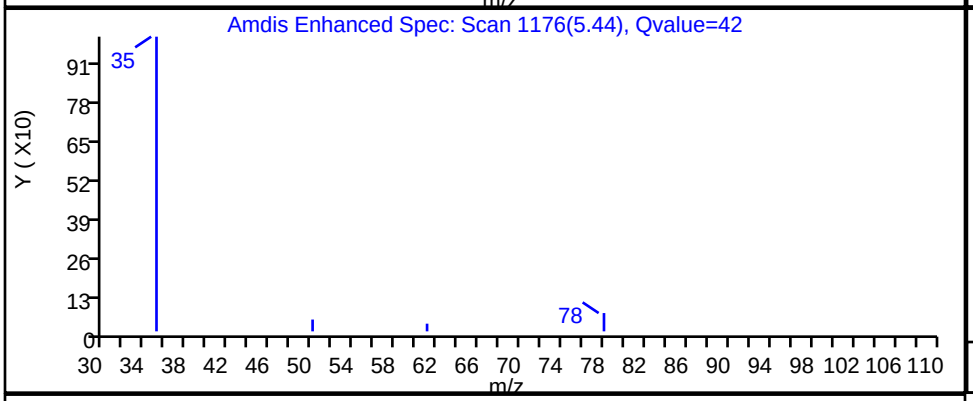
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6710.D				
Injection Date:	19-Jun-2024 19:41:34	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-2	Lab Sample ID:	480-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

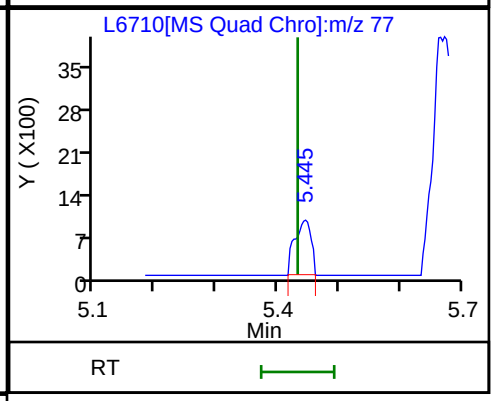
70 Benzene, CAS: 71-43-2

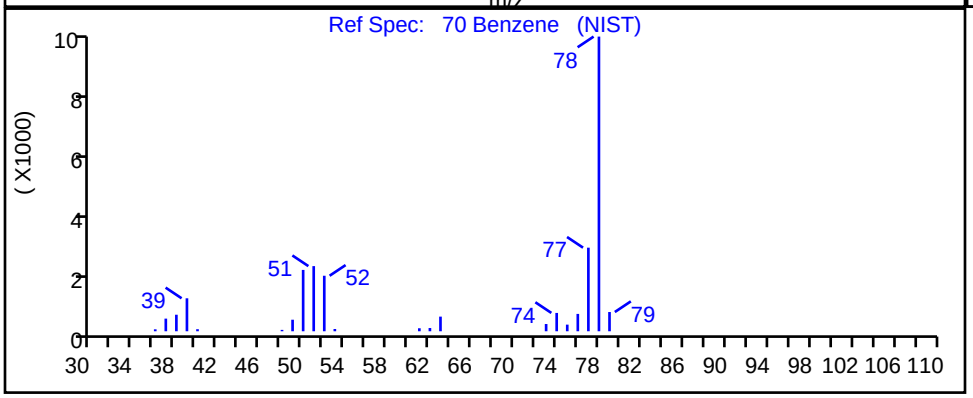
Processing Results











RT	Mass	Response	Amount
5.44	78.00	8795	0.317281
5.44	77.00	1719	

Reviewer: MHM2, 20-Jun-2024 10:24:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C16_20240617
Lab Sample ID: 480-220956-3
Matrix: Water
Lab File ID: S9893.d
Analysis Method: 8260C
Date Collected: 06/17/2024 11:45
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 19:35
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.: 716043
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)	111		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		77-120
460-00-4	4-Bromofluorobenzene (Surr)	113		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9893.d
Lims ID: 480-220956-D-3
Client ID: MW-C16_20240617
Sample Type: Client
Inject. Date: 19-Jun-2024 19:35:30 ALS Bottle#: 24 Worklist Smp#: 48
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-3
Misc. Info.: 480-0118654-048
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 09:48:08 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:08

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	161153	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	319806	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	343936	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	237639	26.3	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	91	150076	28.2	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	93	859345	27.7	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.962	0.001	93	268348	28.2	
57 Benzene	78		4.484				ND	
74 Toluene	92	6.309	6.309	0.000	40	2368	0.1154	a
88 Ethylbenzene	91		7.836				ND	
90 m-Xylene & p-Xylene	106		7.958				ND	
91 o-Xylene	106		8.377				ND	
S 123 Total BTEX	1				0		0.1154	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
a - User Assigned ID

Reagents:

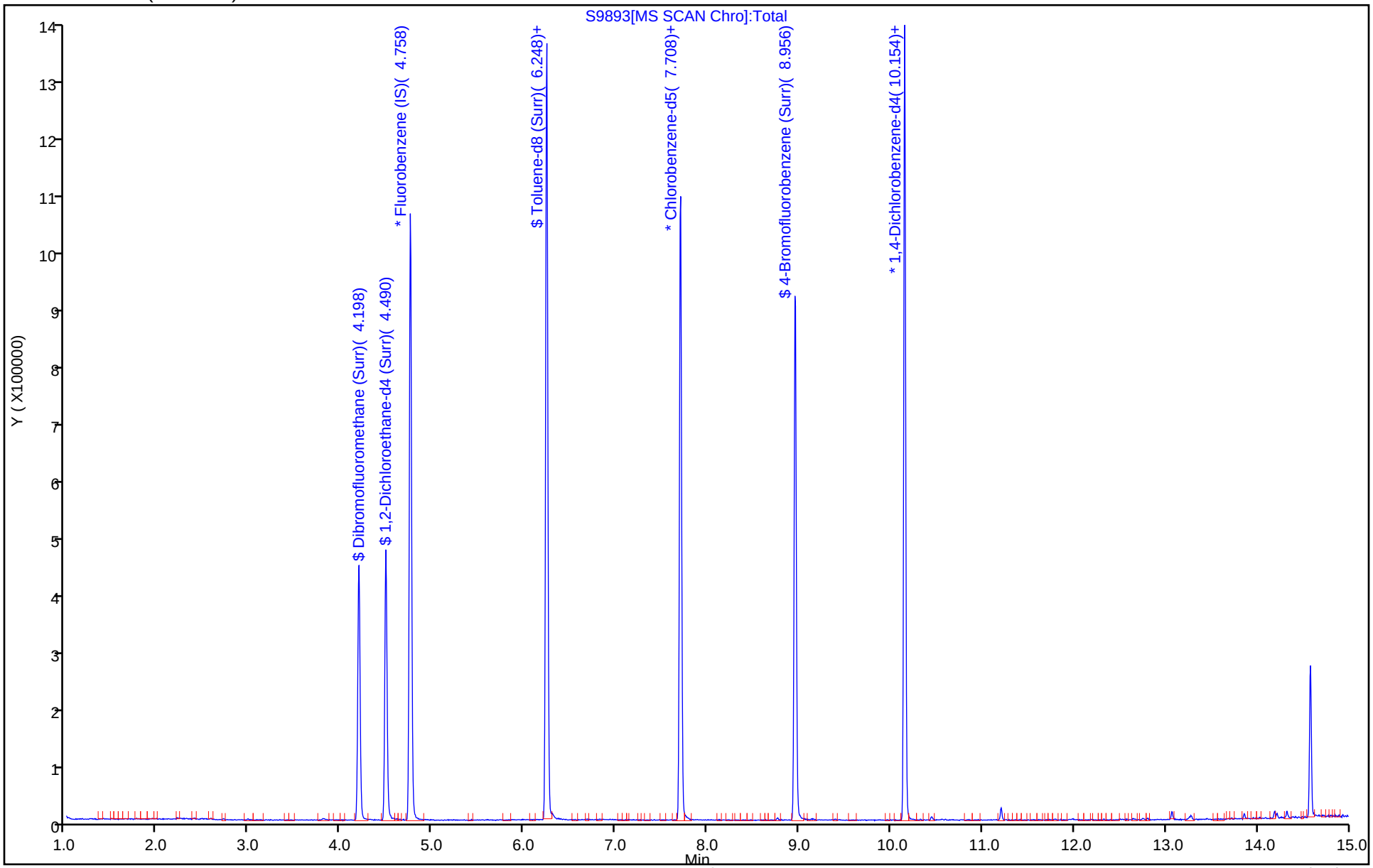
S_8260_IS_00390 Amount Added: 1.00 Units: uL Run Reagent
S_8260_Surr_00480 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Jun-2024 09:48:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9893.d				
Injection Date:	19-Jun-2024 19:35:30	Instrument ID:	HP5973S	Operator ID:	ZN
Lims ID:	480-220956-D-3	Lab Sample ID:	480-220956-3	Worklist Smp#:	48
Client ID:	MW-C16_20240617				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9893.d				
Lims ID:	480-220956-D-3				
Client ID:	MW-C16_20240617				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:35:30	ALS Bottle#:	24	Worklist Smp#:	48
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-3				
Misc. Info.:	480-0118654-048				
Operator ID:	ZN	Instrument ID:	HP5973S		

Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 09:48:08	Calib Date:	07-May-2024 00:13:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d		

Column 1 :	ZB-624 (0.18 mm)	Det: MS SCAN
Process Host:	CTX1670	

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	26.3	105.06
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	28.2	112.92
$ 5 Toluene-d8 (Surr)	25.0	27.7	110.80
$ 6 4-Bromofluorobenzene (Surr)	25.0	28.2	112.84

Manual Integration/User Assign Peak Report

Eurofins Buffalo

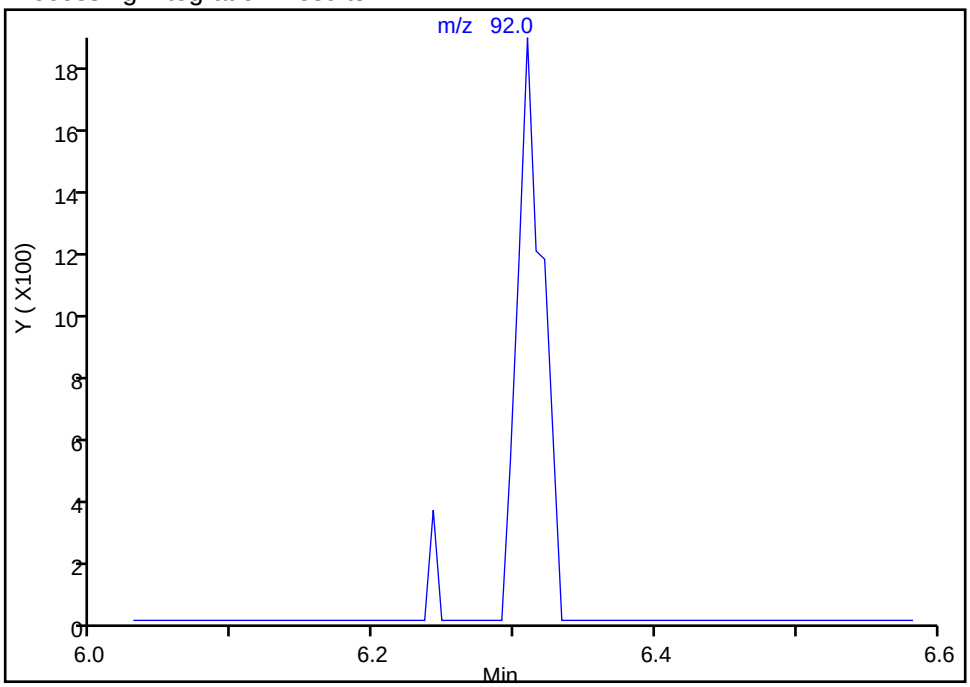
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9893.d				
Injection Date:	19-Jun-2024 19:35:30	Instrument ID:	HP5973S		
Lims ID:	480-220956-D-3	Lab Sample ID:	480-220956-3		
Client ID:	MW-C16_20240617				
Operator ID:	ZN	ALS Bottle#:	24	Worklist Smp#:	48
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

74 Toluene, CAS: 108-88-3

Signal: 1

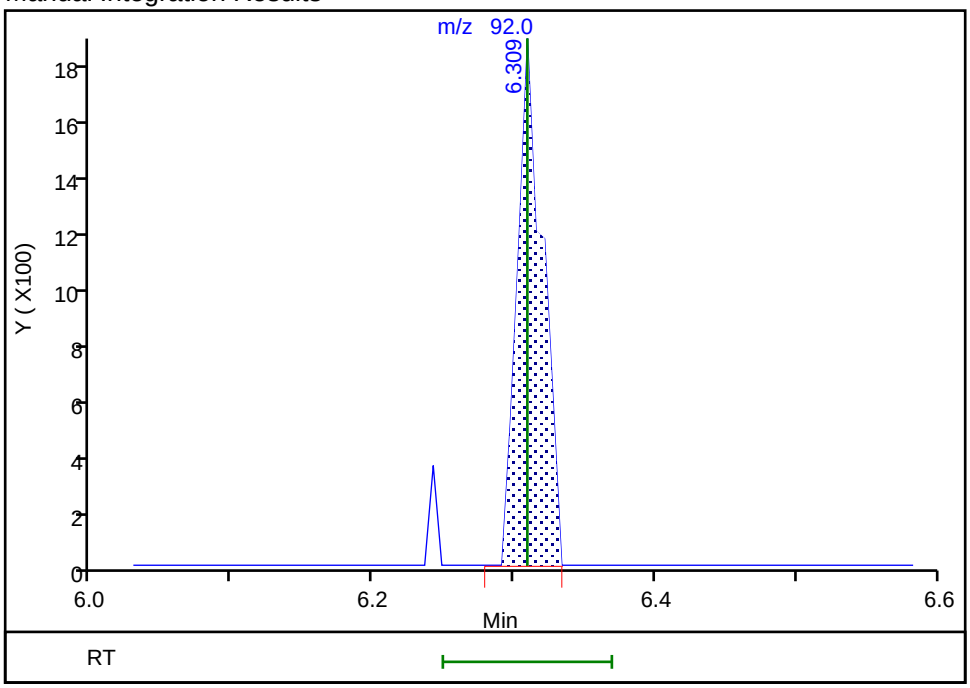
Not Detected
Expected RT: 6.31

Processing Integration Results



RT: 6.31
Area: 2368
Amount: 0.115424
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 20-Jun-2024 09:48:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-13S_20240617
Lab Sample ID: 480-220956-4
Matrix: Water
Lab File ID: S9894.d
Analysis Method: 8260C
Date Collected: 06/17/2024 15:05
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 19:58
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.: 716043
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)	102		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	94		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9894.d
Lims ID: 480-220956-D-4
Client ID: MW-13S_20240617
Sample Type: Client
Inject. Date: 19-Jun-2024 19:58:30 ALS Bottle#: 25 Worklist Smp#: 49
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-4
Misc. Info.: 480-0118654-049
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 09:48:22 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:22

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	178951	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	83	362483	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	375810	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	61	237029	23.6	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	90	149813	25.4	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	83	894481	25.4	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.962	0.001	92	277581	25.7	
57 Benzene	78		4.484				ND	
74 Toluene	92	6.309	6.309	0.000	35	1621	0.0697	a
88 Ethylbenzene	91		7.836				ND	
90 m-Xylene & p-Xylene	106		7.958				ND	
91 o-Xylene	106		8.377				ND	
S 123 Total BTEX	1		30.000				ND	7
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
a - User Assigned ID

Reagents:

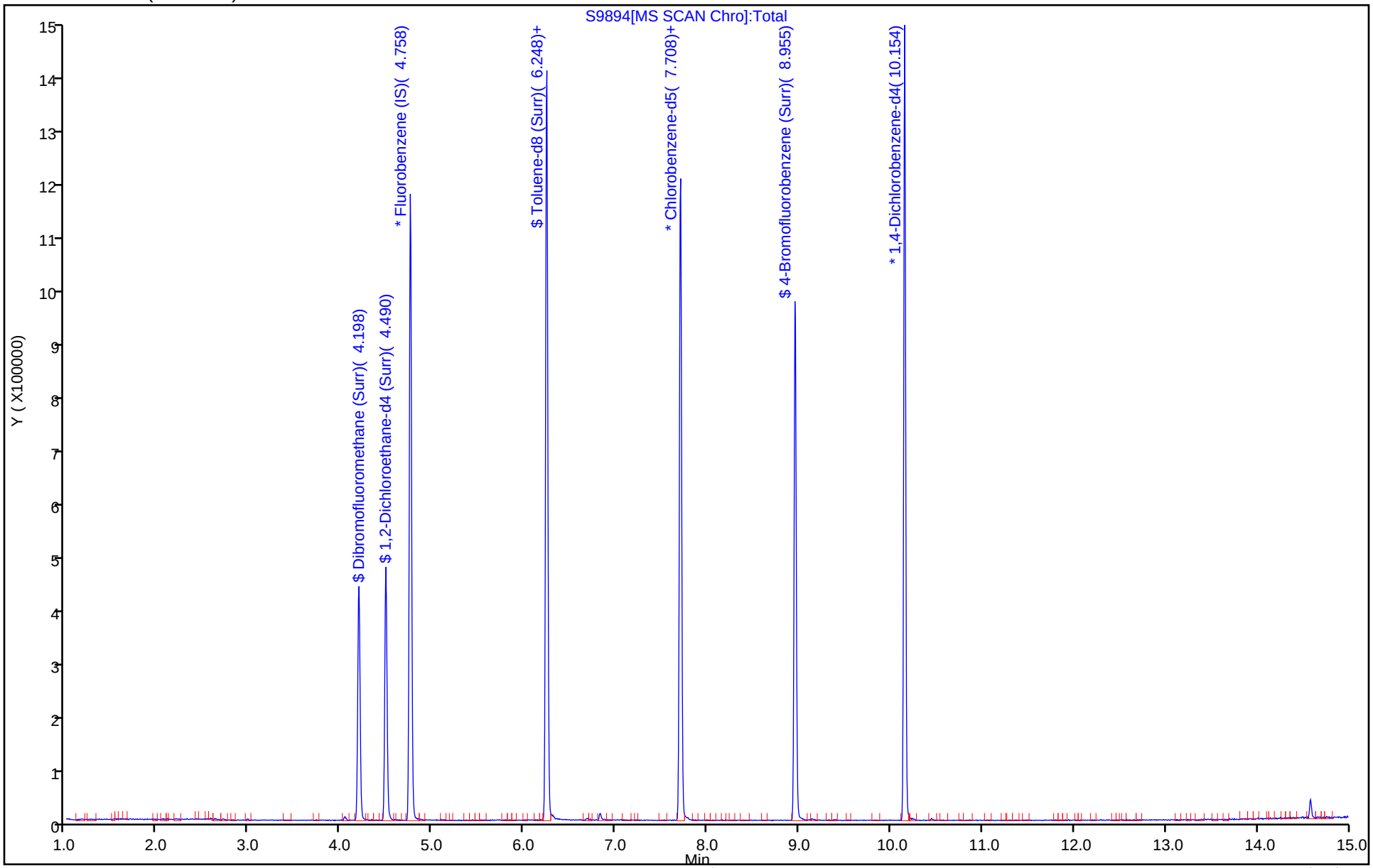
S_8260_IS_00390 Amount Added: 1.00 Units: uL Run Reagent
S_8260_Surr_00480 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Jun-2024 09:48:22 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9894.d				
Injection Date:	19-Jun-2024 19:58:30	Instrument ID:	HP5973S	Operator ID:	ZN
Lims ID:	480-220956-D-4	Lab Sample ID:	480-220956-4	Worklist Smp#:	49
Client ID:	MW-13S_20240617				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9894.d				
Lims ID:	480-220956-D-4				
Client ID:	MW-13S_20240617				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:58:30	ALS Bottle#:	25	Worklist Smp#:	49
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-4				
Misc. Info.:	480-0118654-049				
Operator ID:	ZN	Instrument ID:	HP5973S		

Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 09:48:22	Calib Date:	07-May-2024 00:13:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d		

Column 1 :	ZB-624 (0.18 mm)	Det: MS SCAN
Process Host:	CTX1670	

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	23.6	94.37
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.4	101.51
$ 5 Toluene-d8 (Surr)	25.0	25.4	101.75
$ 6 4-Bromofluorobenzene (Surr)	25.0	25.7	102.98

Manual Integration/User Assign Peak Report

Eurofins Buffalo

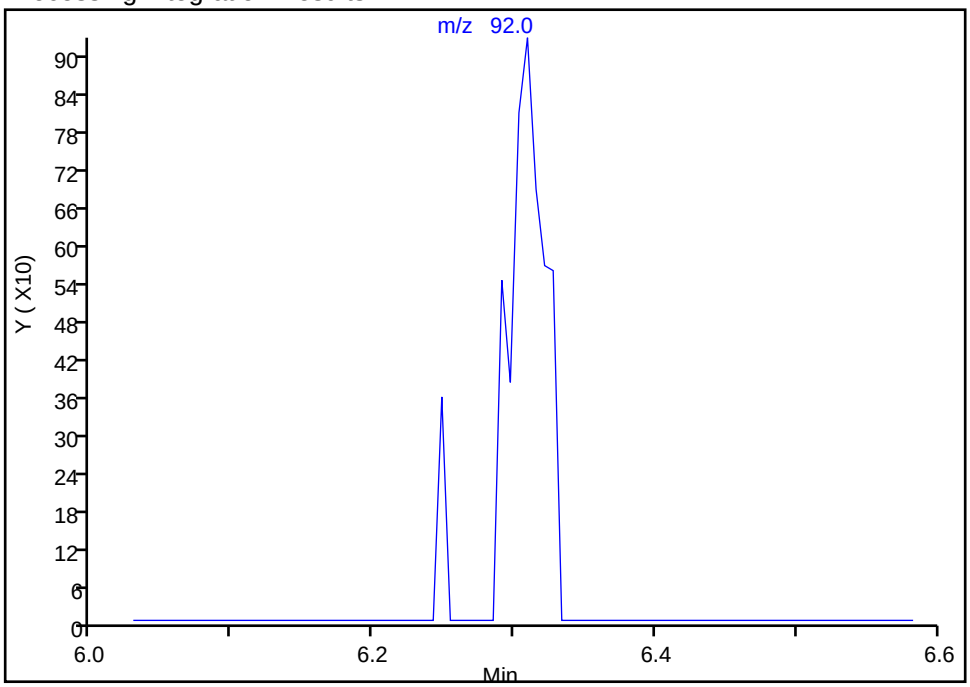
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9894.d				
Injection Date:	19-Jun-2024 19:58:30	Instrument ID:	HP5973S		
Lims ID:	480-220956-D-4	Lab Sample ID:	480-220956-4		
Client ID:	MW-13S_20240617				
Operator ID:	ZN	ALS Bottle#:	25	Worklist Smp#:	49
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

74 Toluene, CAS: 108-88-3

Signal: 1

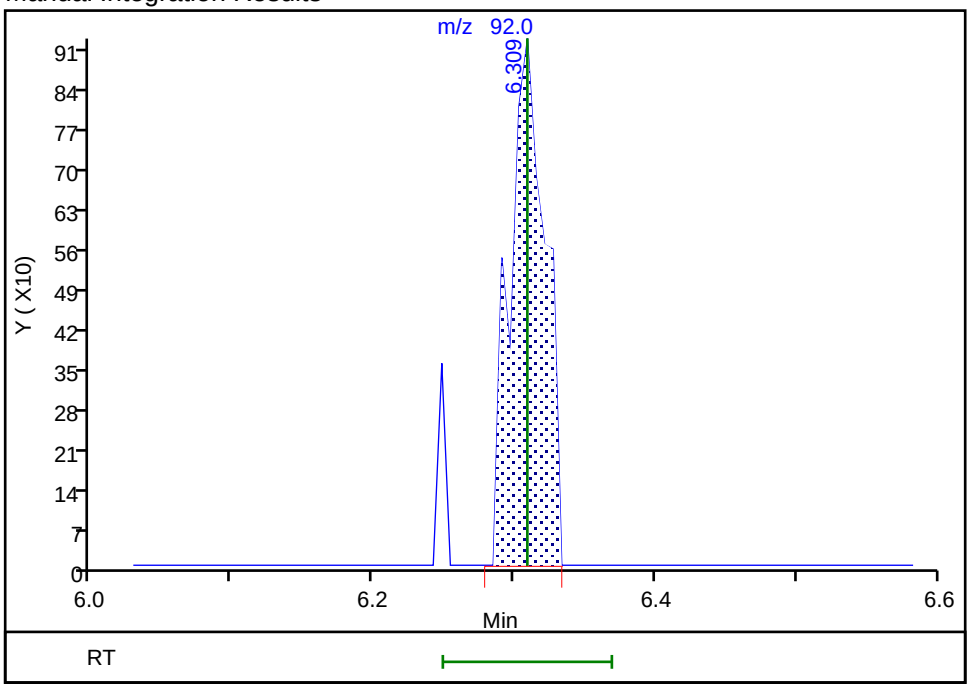
Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results

RT: 6.31
Area: 1621
Amount: 0.069710
Amount Units: ug/L



Reviewer: QR3Z, 20-Jun-2024 09:48:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-22S_20240618
Lab Sample ID: 480-220956-5
Matrix: Water
Lab File ID: S9895.d
Analysis Method: 8260C
Date Collected: 06/18/2024 12:00
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 20:22
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.: 716043
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)	101		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9895.d
Lims ID: 480-220956-D-5
Client ID: MW-22S_20240618
Sample Type: Client
Inject. Date: 19-Jun-2024 20:22:30 ALS Bottle#: 26 Worklist Smp#: 50
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-5
Misc. Info.: 480-0118654-050
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 09:48:22 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:31

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	177374	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.708	-0.006	85	354386	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	93	377744	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	237781	23.9	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	91	150788	25.8	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	93	871397	25.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.962	0.000	93	276220	26.2	
57 Benzene	78		4.484				ND	
74 Toluene	92		6.309				ND	
88 Ethylbenzene	91		7.836				ND	
90 m-Xylene & p-Xylene	106		7.958				ND	
91 o-Xylene	106		8.377				ND	
S 123 Total BTEX	1		30.000				ND	7
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

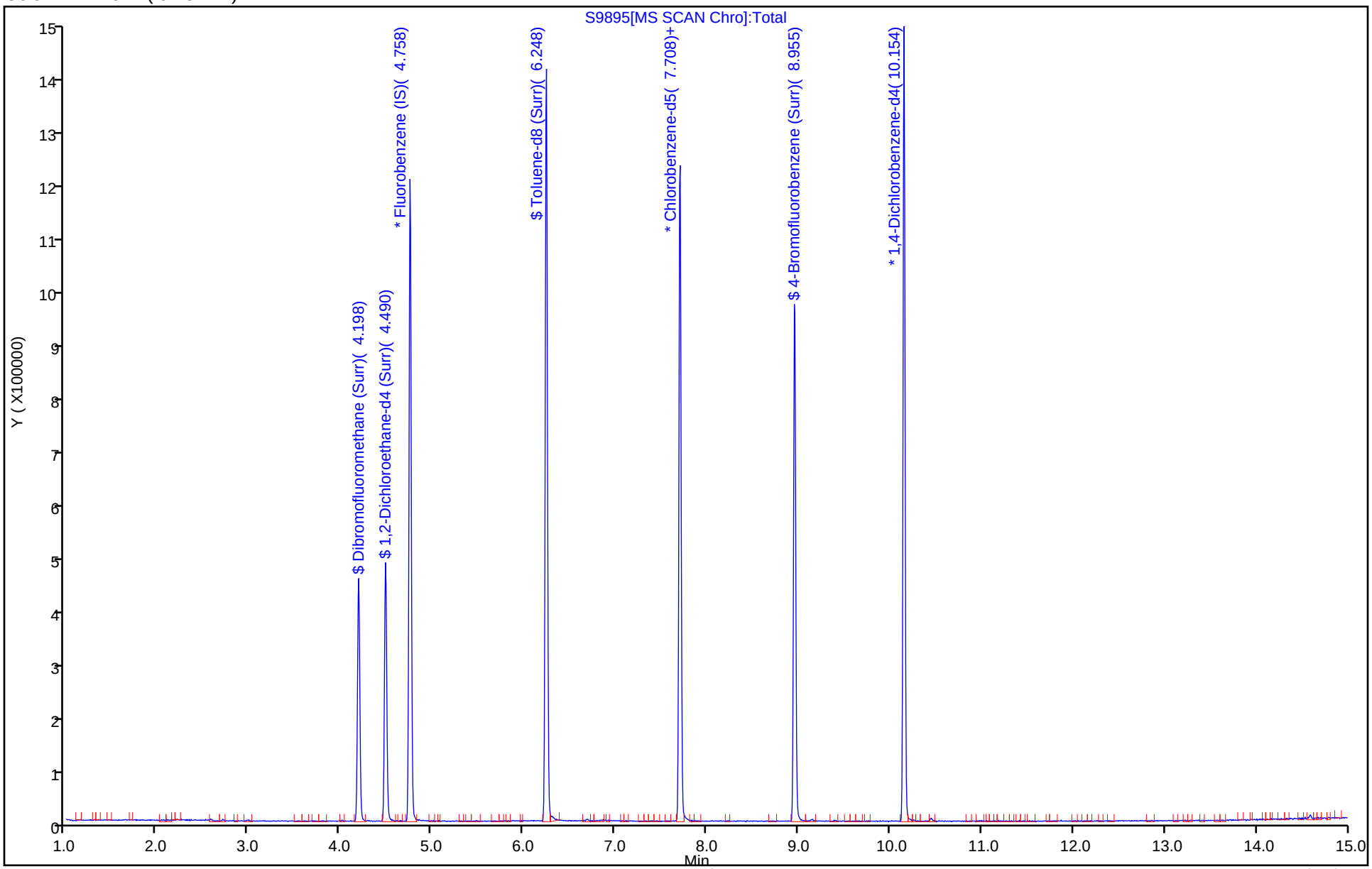
S_8260_IS_00390 Amount Added: 1.00 Units: uL Run Reagent
S_8260_Surr_00480 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Jun-2024 09:48:31 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9895.d				
Injection Date:	19-Jun-2024 20:22:30	Instrument ID:	HP5973S	Operator ID:	ZN
Lims ID:	480-220956-D-5	Lab Sample ID:	480-220956-5	Worklist Smp#:	50
Client ID:	MW-22S_20240618				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	S-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9895.d				
Lims ID:	480-220956-D-5				
Client ID:	MW-22S_20240618				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 20:22:30	ALS Bottle#:	26	Worklist Smp#:	50
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-5				
Misc. Info.:	480-0118654-050				
Operator ID:	ZN	Instrument ID:	HP5973S		

Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 09:48:22	Calib Date:	07-May-2024 00:13:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d		

Column 1 :	ZB-624 (0.18 mm)	Det: MS SCAN
Process Host:	CTX1670	

First Level Reviewer: QR3Z Date: 20-Jun-2024 09:48:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	23.9	95.51
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.08
$ 5 Toluene-d8 (Surr)	25.0	25.3	101.39
$ 6 4-Bromofluorobenzene (Surr)	25.0	26.2	104.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-23S_20240618
Lab Sample ID: 480-220956-6
Matrix: Water
Lab File ID: L6752.D
Analysis Method: 8260C
Date Collected: 06/18/2024 09:20
Sample wt/vol: 5(mL)
Date Analyzed: 06/20/2024 16:03
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.: 716220
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.5		1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	20		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	3.2		2.0	0.66
95-47-6	o-Xylene	15		1.0	0.76
1330-20-7	Xylenes, Total	18		2.0	0.66
STL00431	Total BTEX	40		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)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D				
Lims ID:	480-220956-E-6				
Client ID:	MW-23S_20240618				
Sample Type:	Client				
Inject. Date:	20-Jun-2024 16:03:22	ALS Bottle#:	0	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-E-6				
Misc. Info.:	480-0118684-030				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	21-Jun-2024 09:53:05	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1624	

First Level Reviewer: MHM2 Date: 21-Jun-2024 10:01:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.673	5.670	0.003	99	134143	25.0	
* 2 Chlorobenzene-d5	117	8.547	8.544	0.003	84	585658	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.952	10.953	-0.001	93	302071	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	93	170088	24.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	188381	25.3	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	720479	24.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	-0.001	99	226856	24.7	
70 Benzene	78	5.435	5.432	0.003	96	45465	1.45	
88 Toluene	92	7.155	7.152	0.003	97	10013	0.4592	
104 Ethylbenzene	91	8.647	8.644	0.003	97	754709	19.6	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	50340	3.24	
107 o-Xylene	106	9.194	9.190	0.003	96	234780	14.9	
S 143 Xylenes, Total	1				0		18.1	
S 142 Total BTEX	1				0		39.6	

QC Flag Legend

Processing Flags

Reagents:

L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 21-Jun-2024 10:01:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D

Injection Date: 20-Jun-2024 16:03:22 Instrument ID: HP5977L

Lims ID: 480-220956-E-6 Lab Sample ID: 480-220956-6

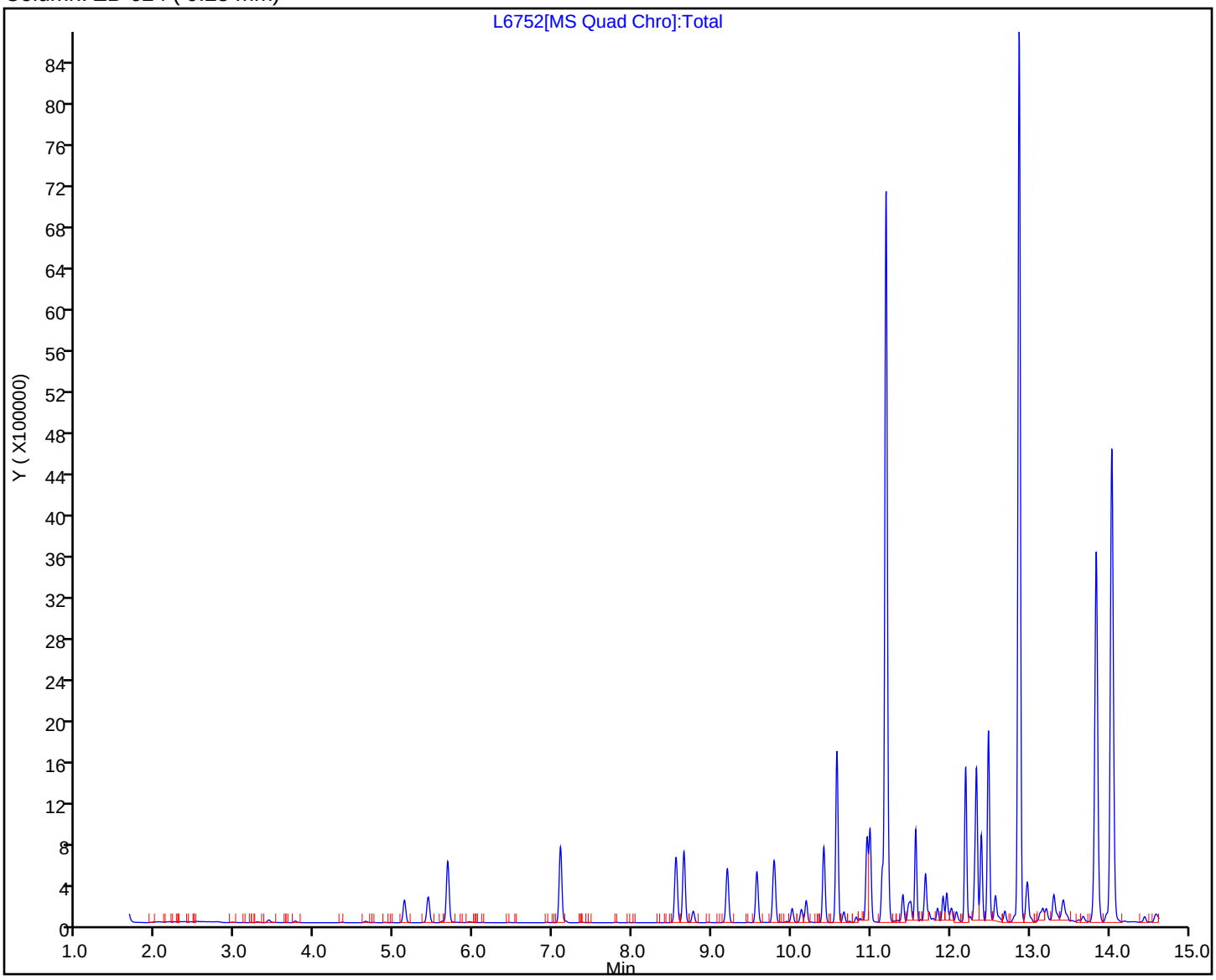
Client ID: MW-23S_20240618

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 30

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\20240620-118684.b\L6752.D				
Lims ID:	480-220956-E-6				
Client ID:	MW-23S_20240618				
Sample Type:	Client				
Inject. Date:	20-Jun-2024 16:03:22	ALS Bottle#:	0	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-E-6				
Misc. Info.:	480-0118684-030				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	21-Jun-2024 09:53:05	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1624	

First Level Reviewer: MHM2 Date: 21-Jun-2024 10:01:59

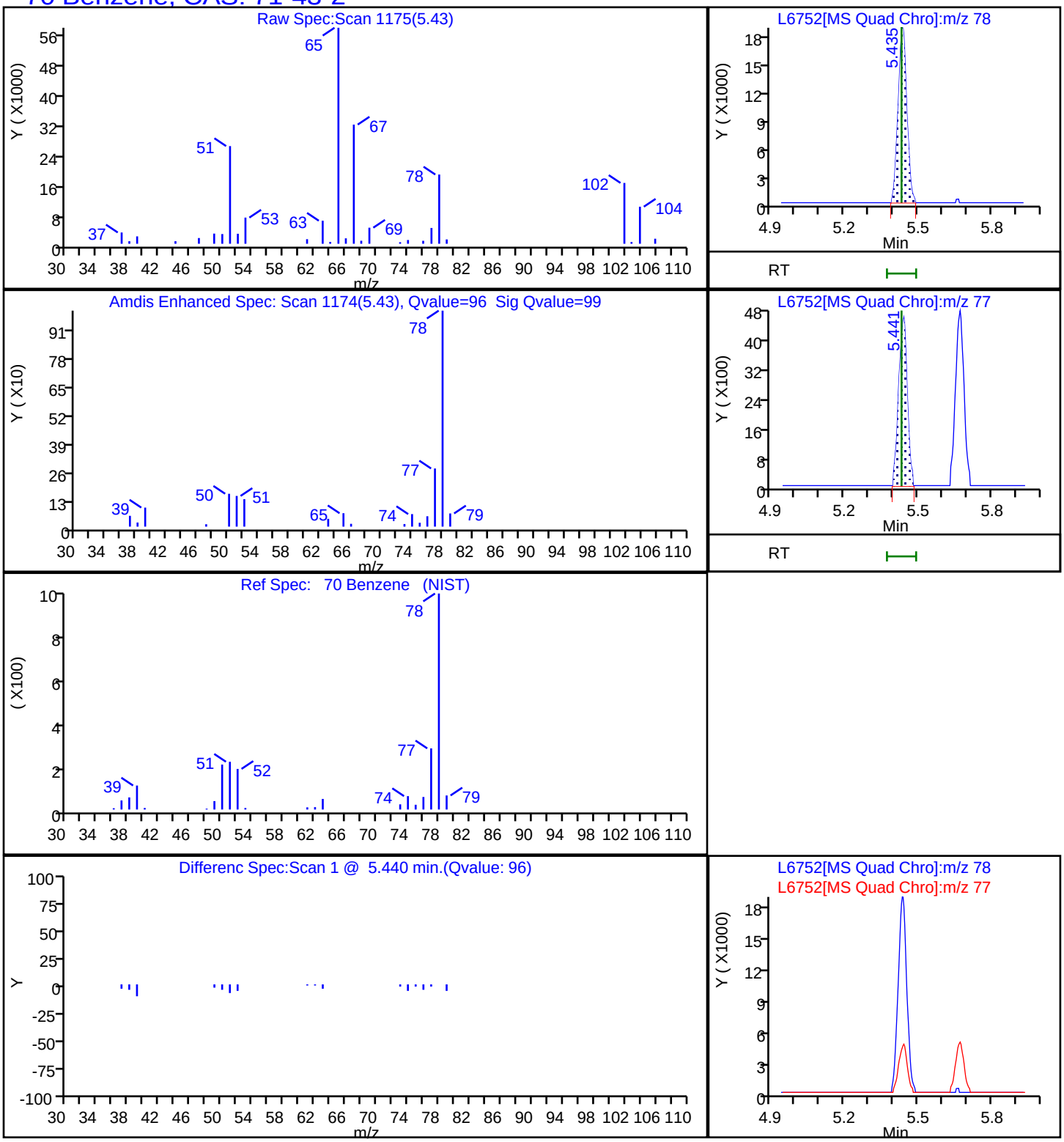
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.3	97.16
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.3	101.06
$ 6 Toluene-d8 (Surr)	25.0	24.0	95.83
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.7	98.90

Report Date: 21-Jun-2024 10:01:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D				
Injection Date:	20-Jun-2024 16:03:22	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-6	Lab Sample ID:	480-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	30
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

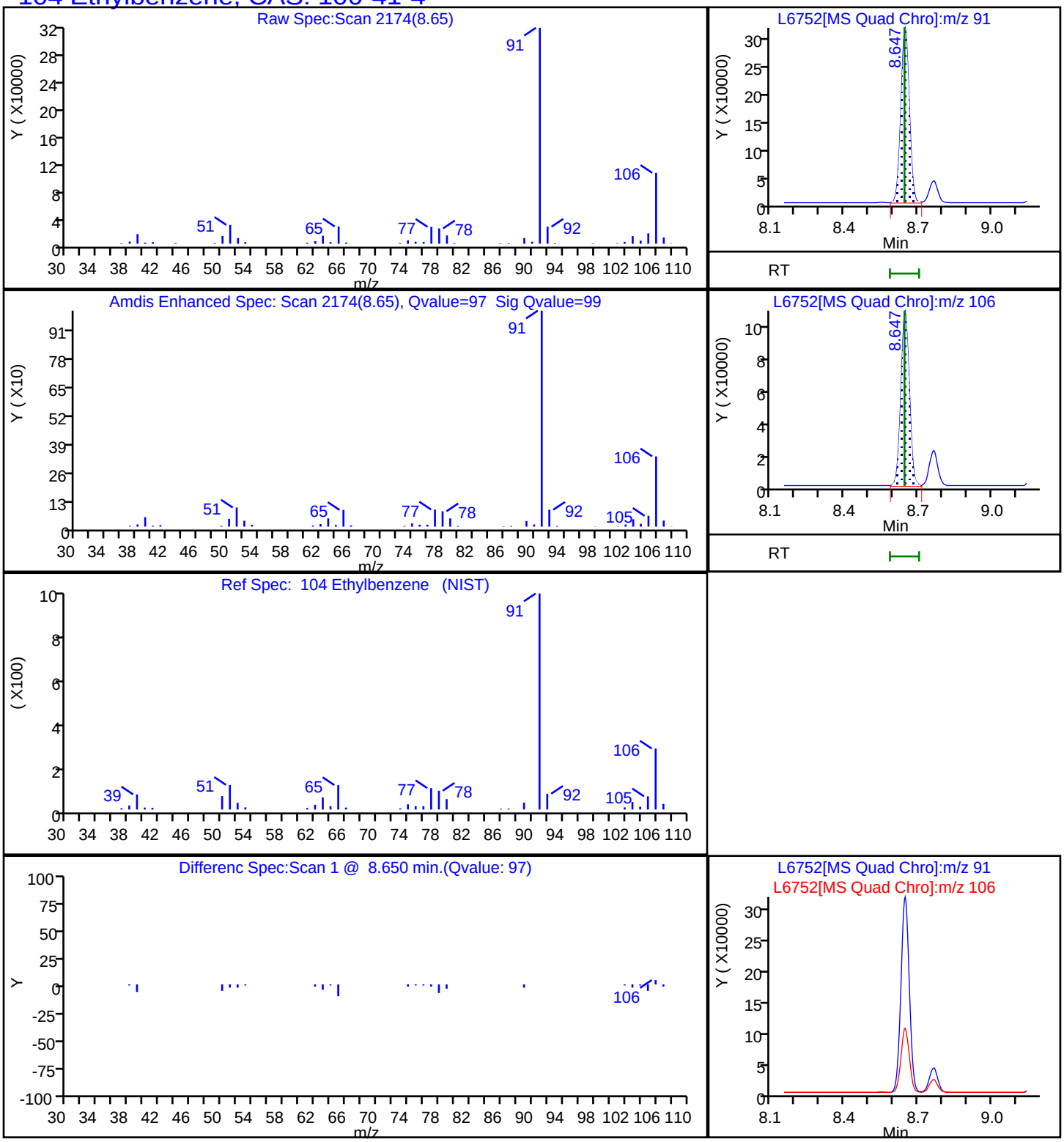


Report Date: 21-Jun-2024 10:01:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D				
Injection Date:	20-Jun-2024 16:03:22	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-6	Lab Sample ID:	480-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	30
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		

104 Ethylbenzene, CAS: 100-41-4

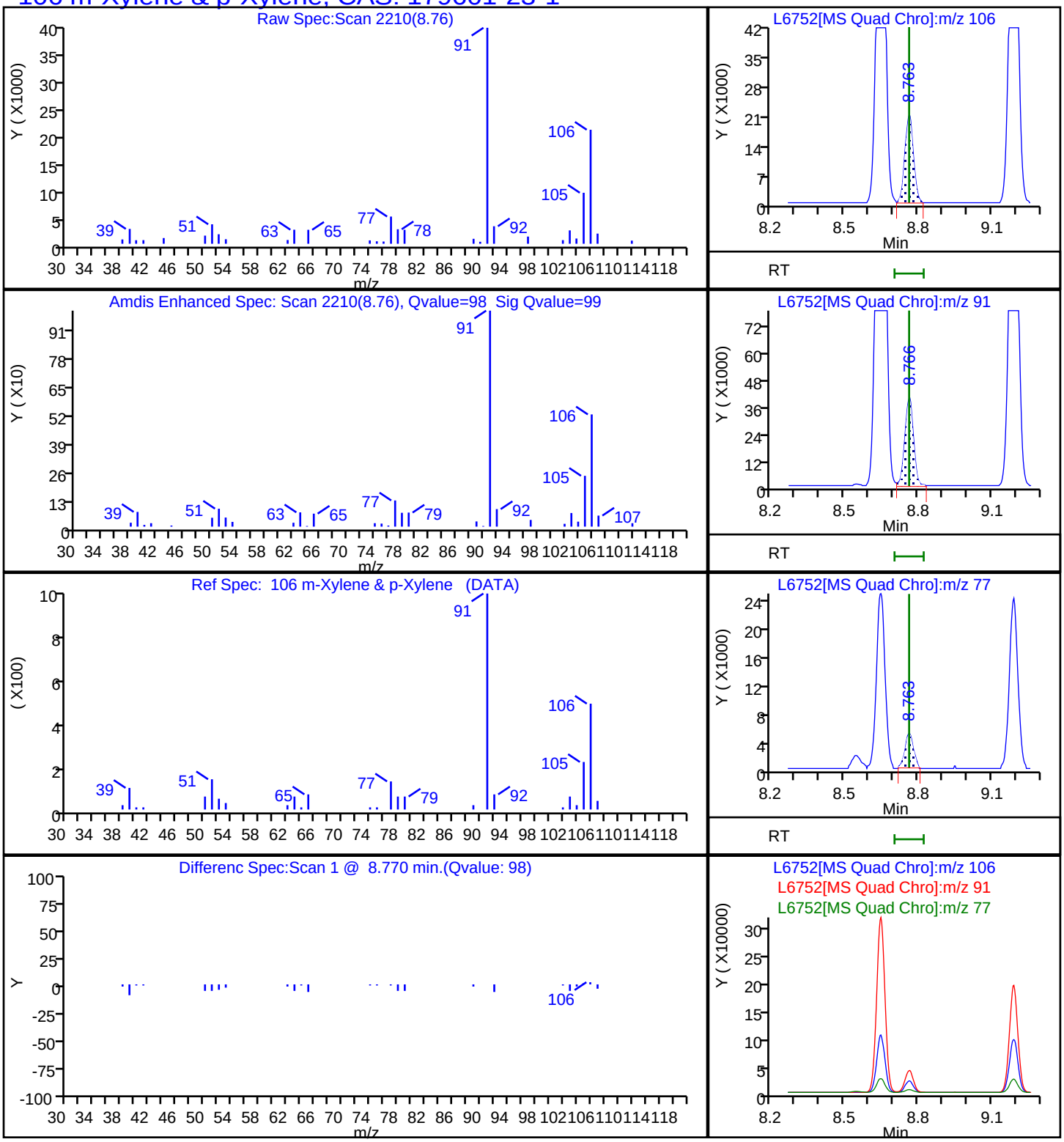


Report Date: 21-Jun-2024 10:01:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D				
Injection Date:	20-Jun-2024 16:03:22	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-6	Lab Sample ID:	480-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	30
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

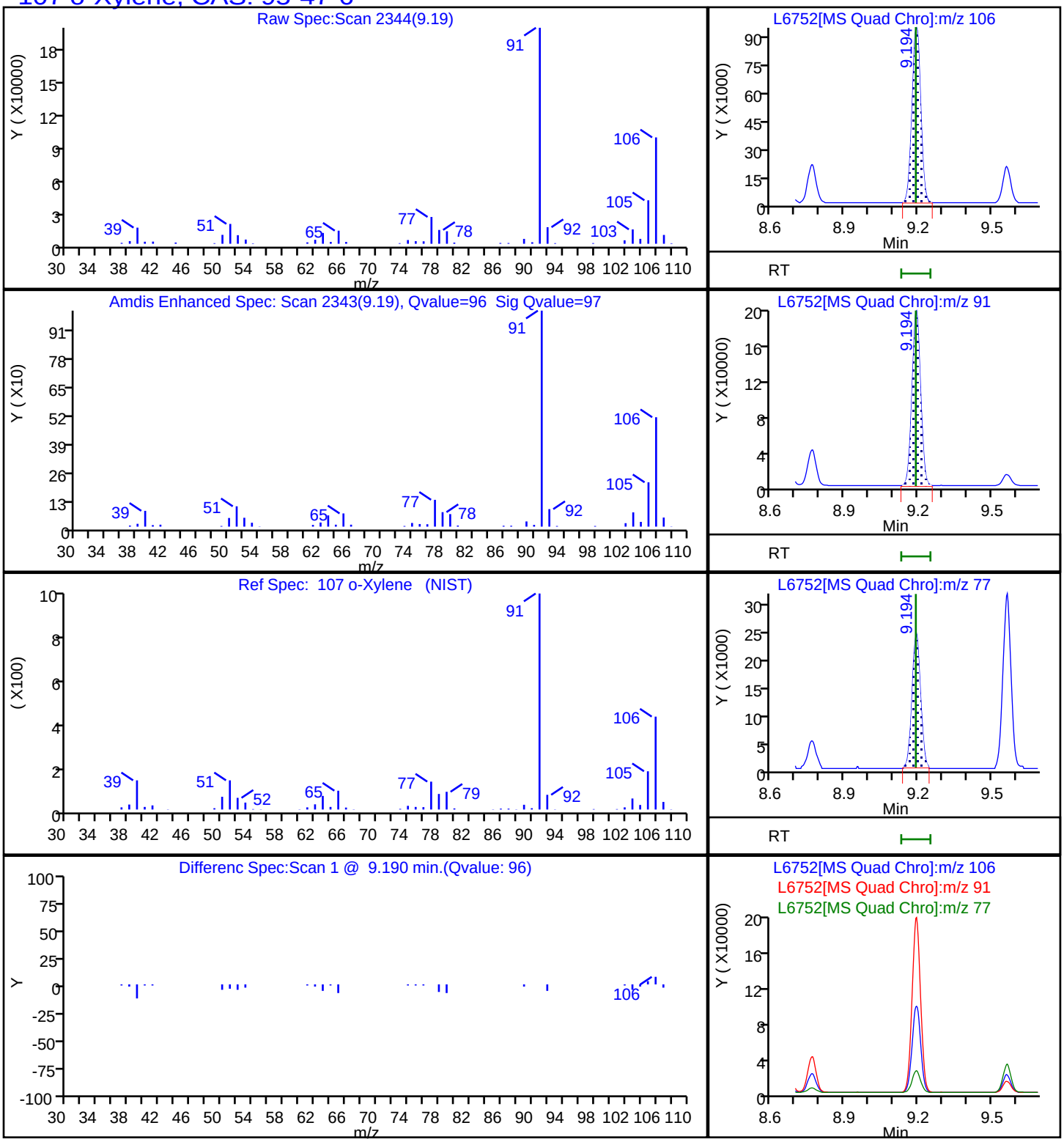


Report Date: 21-Jun-2024 10:01:59 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6752.D				
Injection Date:	20-Jun-2024 16:03:22	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-6	Lab Sample ID:	480-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	30
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		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-46S_20240618
Lab Sample ID: 480-220956-7
Matrix: Water
Lab File ID: L6753.D
Analysis Method: 8260C
Date Collected: 06/18/2024 13:20
Sample wt/vol: 5(mL)
Date Analyzed: 06/20/2024 16:28
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.: 716220
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	220		5.0	2.1
108-88-3	Toluene	5.0	U	5.0	2.6
100-41-4	Ethylbenzene	250		5.0	3.7
179601-23-1	m-Xylene & p-Xylene	19		10	3.3
95-47-6	o-Xylene	72		5.0	3.8
1330-20-7	Xylenes, Total	91		10	3.3
STL00431	Total BTEX	560		10	5.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D				
Lims ID:	480-220956-E-7				
Client ID:	MW-46S_20240618				
Sample Type:	Client				
Inject. Date:	20-Jun-2024 16:28:29	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Sample Info:	480-220956-E-7				
Misc. Info.:	480-0118684-031				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	21-Jun-2024 10:04:55	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1624	

First Level Reviewer: MHM2 Date: 21-Jun-2024 10:02:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.673	5.670	0.003	100	130078	25.0	
* 2 Chlorobenzene-d5	117	8.548	8.544	0.004	84	595093	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	335131	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	94	165730	24.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.426	5.422	0.004	97	185825	25.7	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	93	713844	23.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.786	9.785	0.000	99	224851	24.1	
70 Benzene	78	5.435	5.432	0.003	96	1338689	44.1	
88 Toluene	92	7.159	7.152	0.007	99	10396	0.4692	
104 Ethylbenzene	91	8.647	8.644	0.003	97	1971333	50.4	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	59920	3.80	
107 o-Xylene	106	9.194	9.190	0.003	96	230521	14.4	
S 143 Xylenes, Total	1				0		18.2	
S 142 Total BTEX	1				0		113.2	

QC Flag Legend
Processing Flags

Reagents:

L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 21-Jun-2024 10:59:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D

Injection Date: 20-Jun-2024 16:28:29 Instrument ID: HP5977L

Lims ID: 480-220956-E-7 Lab Sample ID: 480-220956-7

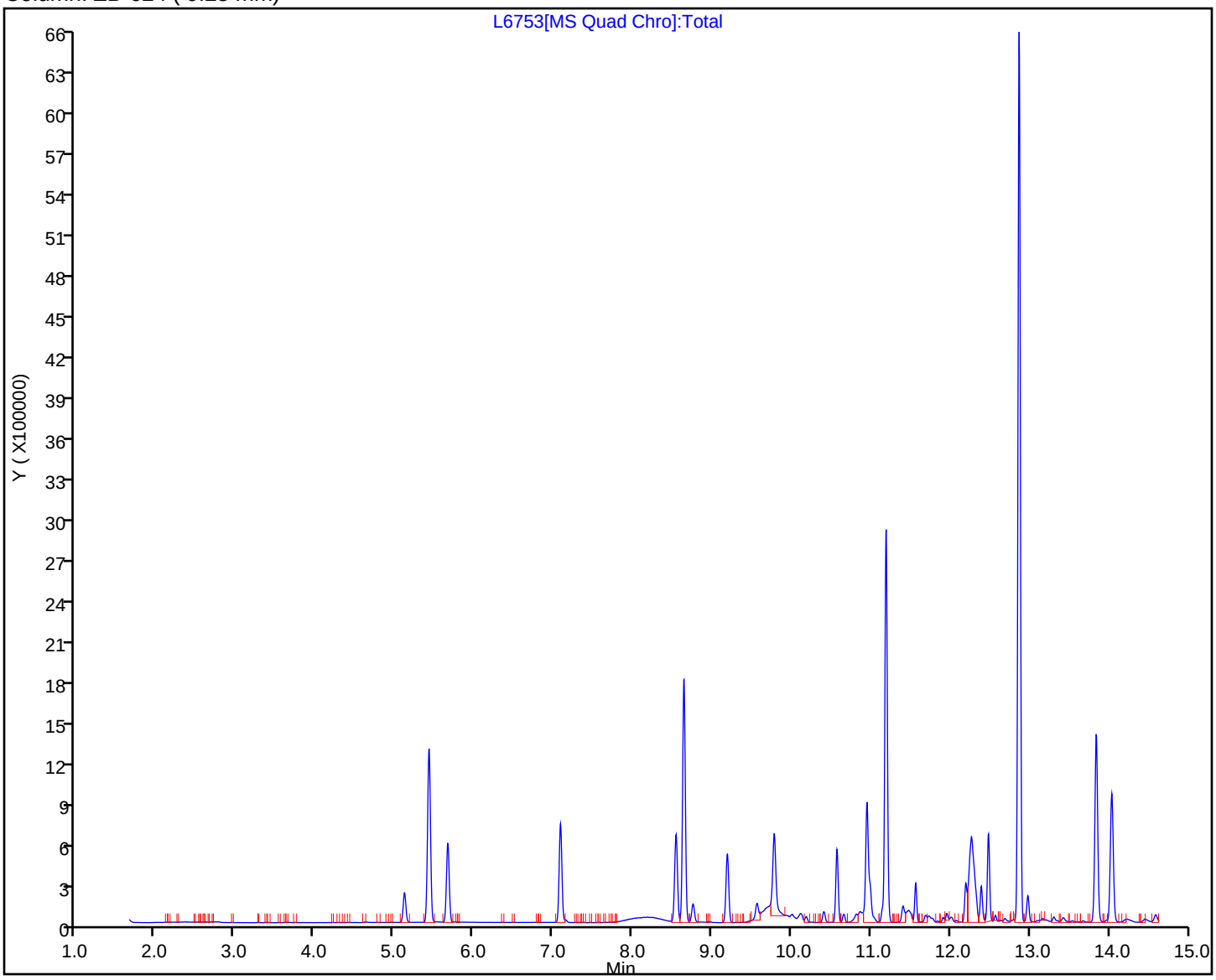
Client ID: MW-46S_20240618

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 31

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\20240620-118684.b\L6753.D				
Lims ID:	480-220956-E-7				
Client ID:	MW-46S_20240618				
Sample Type:	Client				
Inject. Date:	20-Jun-2024 16:28:29	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Sample Info:	480-220956-E-7				
Misc. Info.:	480-0118684-031				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	21-Jun-2024 10:04:55	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1624	

First Level Reviewer: MHM2 Date: 21-Jun-2024 10:02:18

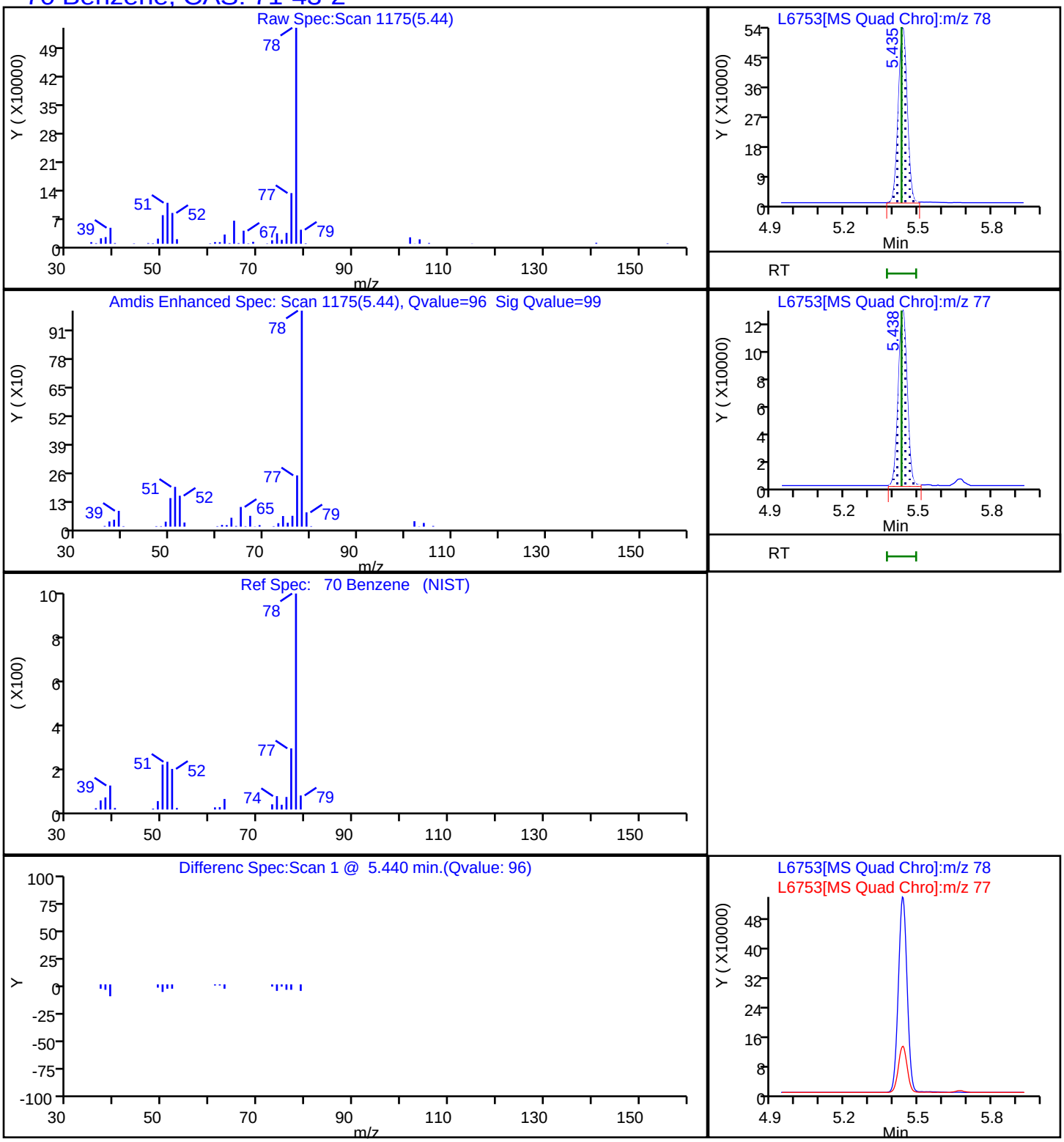
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.4	97.63
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.7	102.80
$ 6 Toluene-d8 (Surr)	25.0	23.4	93.44
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.1	96.47

Report Date: 21-Jun-2024 10:59:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D				
Injection Date:	20-Jun-2024 16:28:29	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-7	Lab Sample ID:	480-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

70 Benzene, CAS: 71-43-2

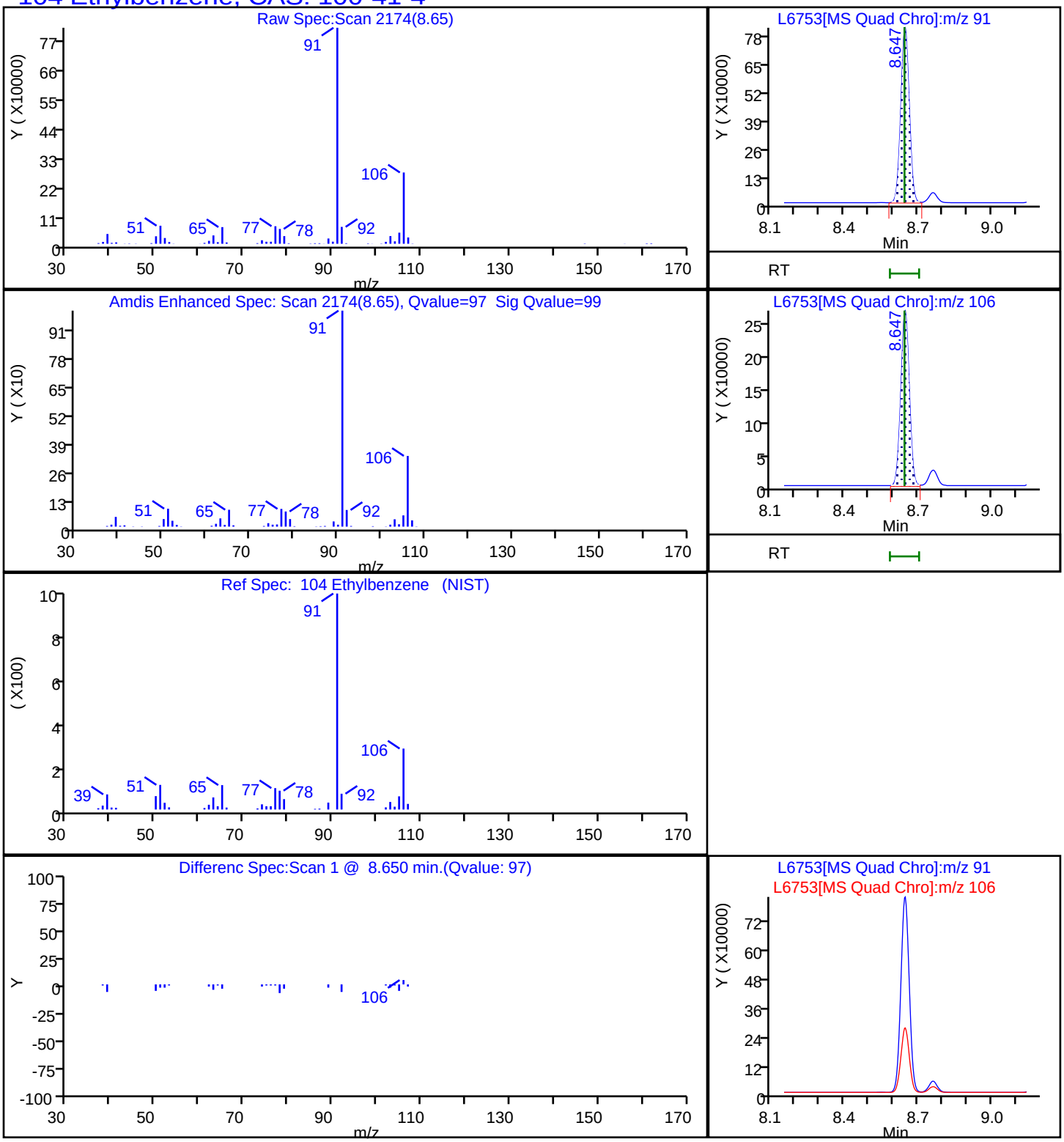


Report Date: 21-Jun-2024 10:59:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D				
Injection Date:	20-Jun-2024 16:28:29	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-7	Lab Sample ID:	480-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

104 Ethylbenzene, CAS: 100-41-4

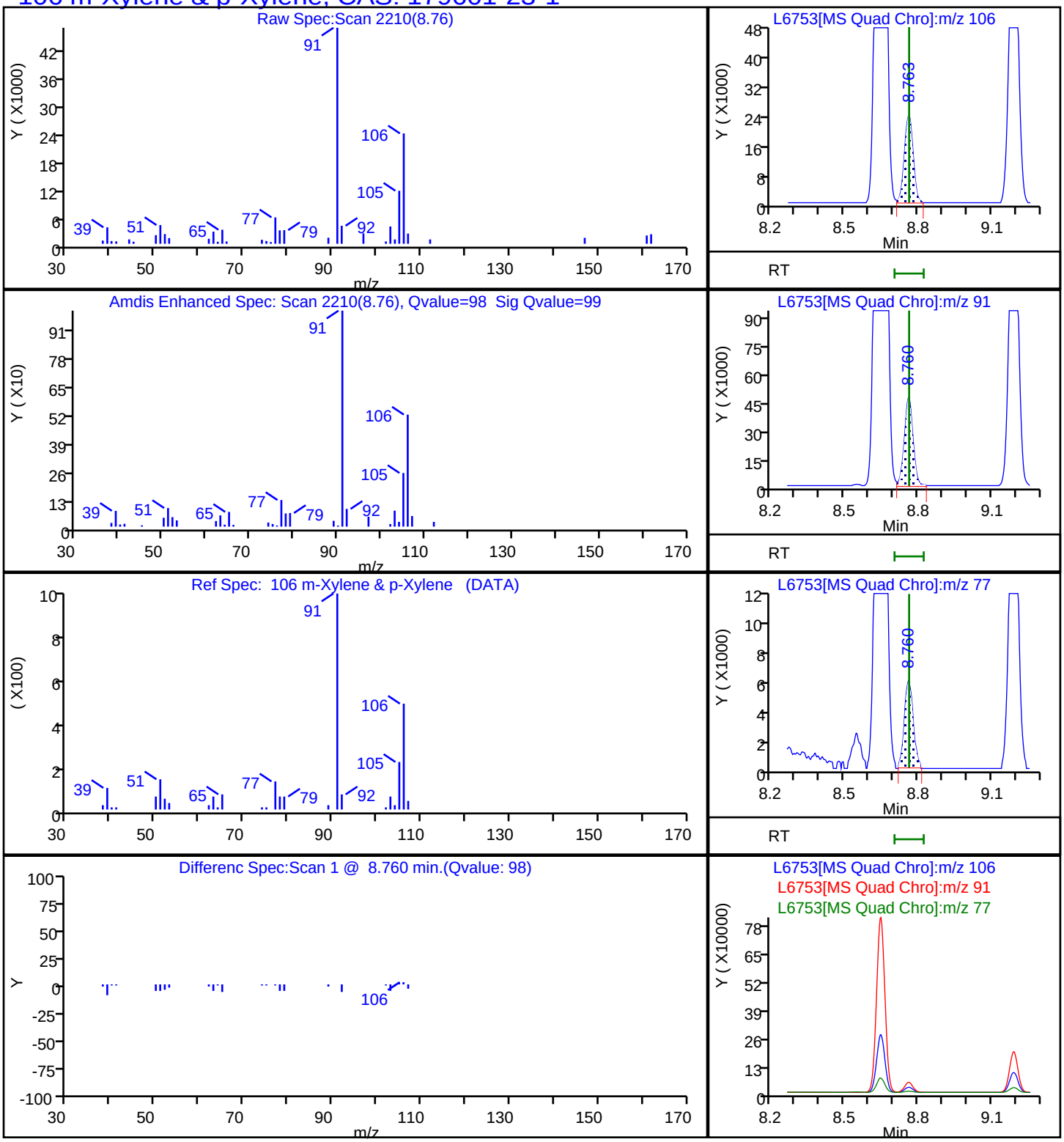


Report Date: 21-Jun-2024 10:59:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D				
Injection Date:	20-Jun-2024 16:28:29	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-7	Lab Sample ID:	480-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
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

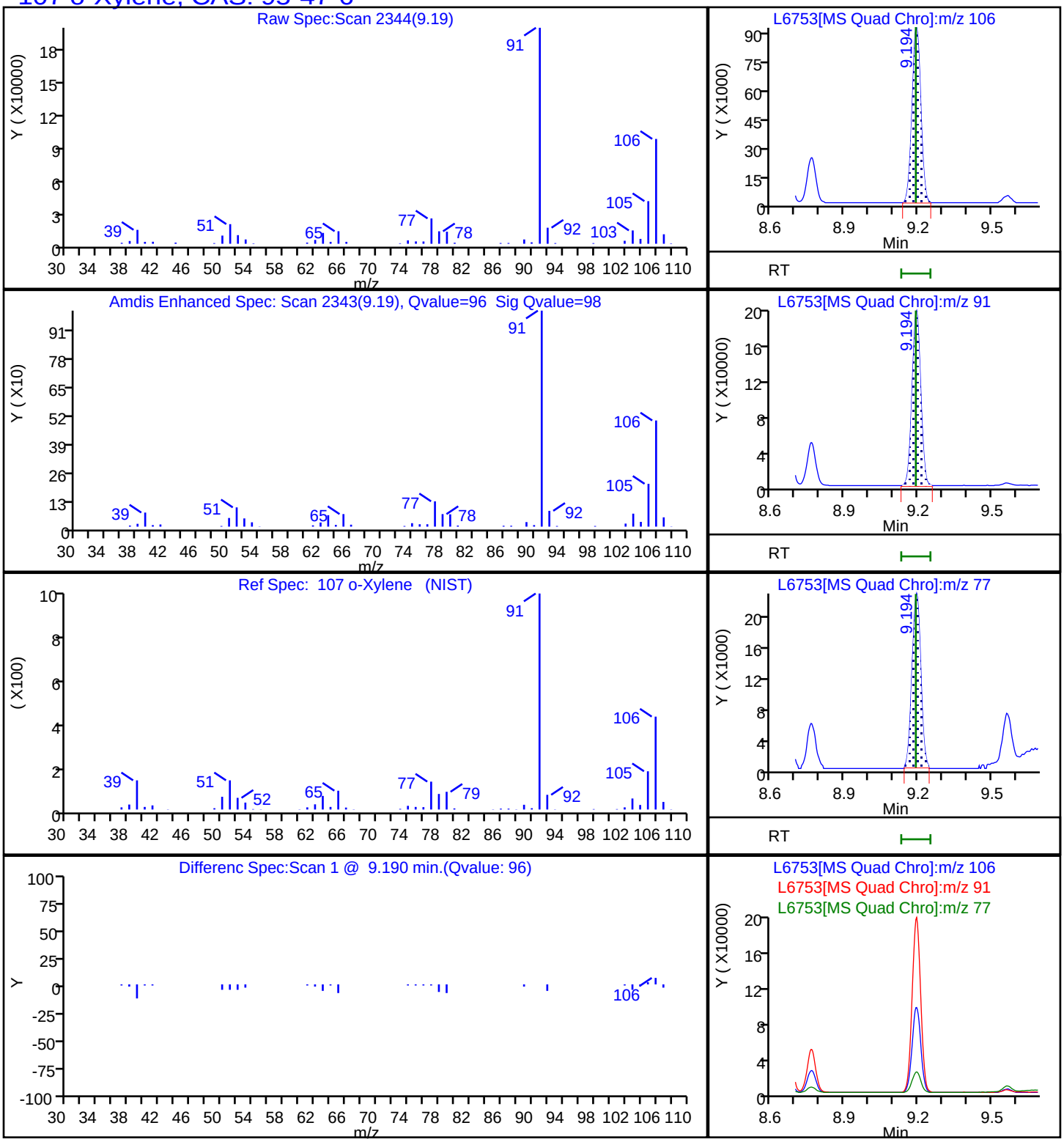


Report Date: 21-Jun-2024 10:59:55 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6753.D				
Injection Date:	20-Jun-2024 16:28:29	Instrument ID:	HP5977L		
Lims ID:	480-220956-E-7	Lab Sample ID:	480-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-48S_20240618
Lab Sample ID: 480-220956-8
Matrix: Water
Lab File ID: L6707.D
Analysis Method: 8260C
Date Collected: 06/18/2024 10:40
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 18:25
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	38		1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	12		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	2.0		2.0	0.66
95-47-6	o-Xylene	11		1.0	0.76
1330-20-7	Xylenes, Total	13		2.0	0.66
STL00431	Total BTEX	63		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Lims ID:	480-220956-D-8				
Client ID:	MW-48S_20240618				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 18:25:59	ALS Bottle#:	0	Worklist Smp#:	51
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-8				
Misc. Info.:	480-0118655-051				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:27:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.669	5.670	-0.001	100	119545	25.0	
* 2 Chlorobenzene-d5	117	8.547	8.544	0.003	84	540092	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.952	10.953	-0.001	94	292003	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.127	-0.004	93	149913	24.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	171844	25.9	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	93	661685	23.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.789	-0.001	99	211355	25.0	
70 Benzene	78	5.435	5.432	0.003	96	1065548	38.2	
88 Toluene	92	7.155	7.155	0.003	96	6094	0.3031	
104 Ethylbenzene	91	8.647	8.647	0.003	97	411281	11.6	
106 m-Xylene & p-Xylene	106	8.766	8.763	0.006	97	28514	1.99	
107 o-Xylene	106	9.193	9.194	0.002	96	164946	11.3	
S 143 Xylenes, Total	1				0		13.3	
S 142 Total BTEX	1				0		63.4	

QC Flag Legend

Processing Flags

Reagents:

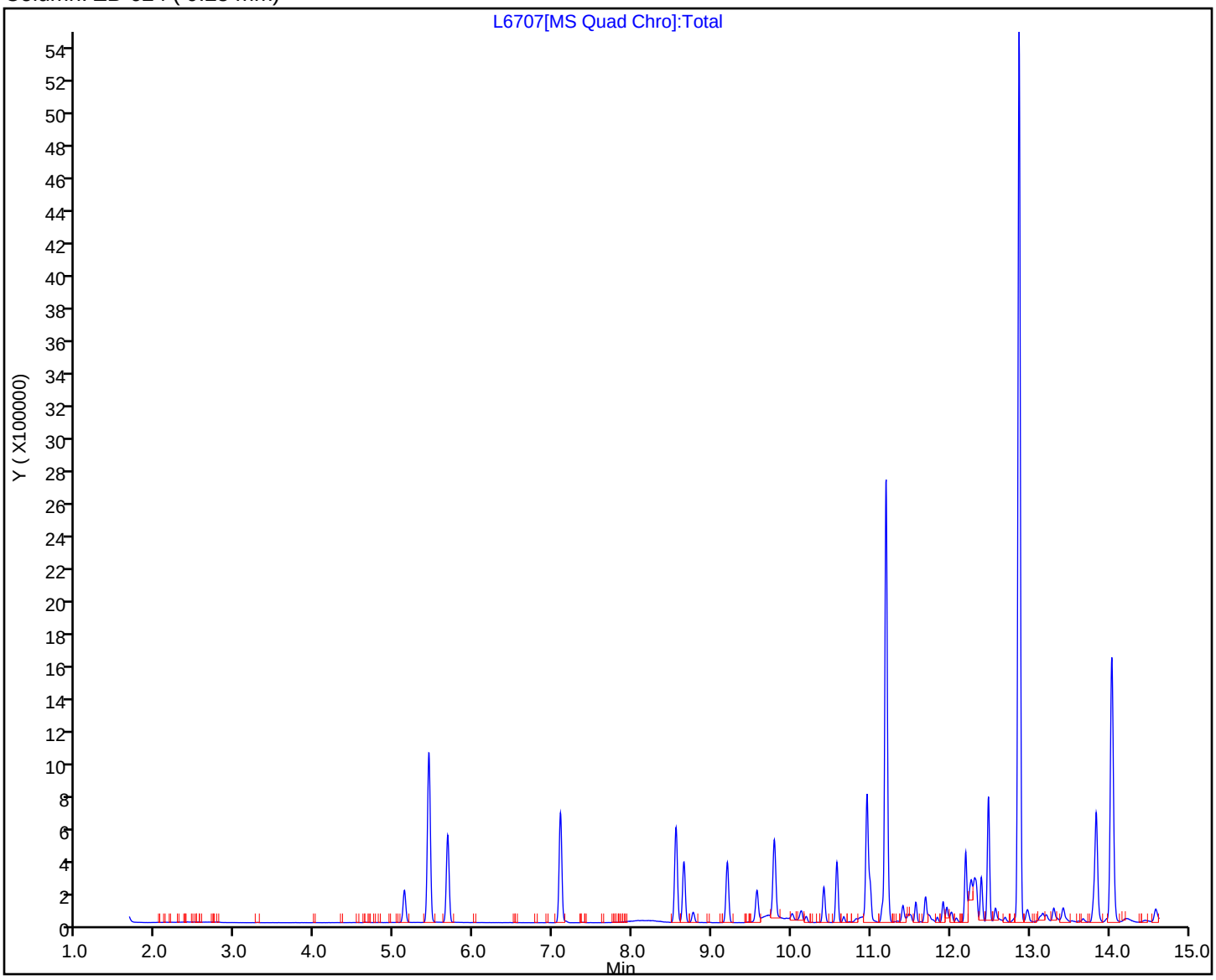
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:27:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Injection Date:	19-Jun-2024 18:25:59	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-8	Lab Sample ID:	480-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	51
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\20240619-118655.b\L6707.D
Lims ID: 480-220956-D-8
Client ID: MW-48S_20240618
Sample Type: Client
Inject. Date: 19-Jun-2024 18:25:59 ALS Bottle#: 0 Worklist Smp#: 51
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-8
Misc. Info.: 480-0118655-051
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:27:18

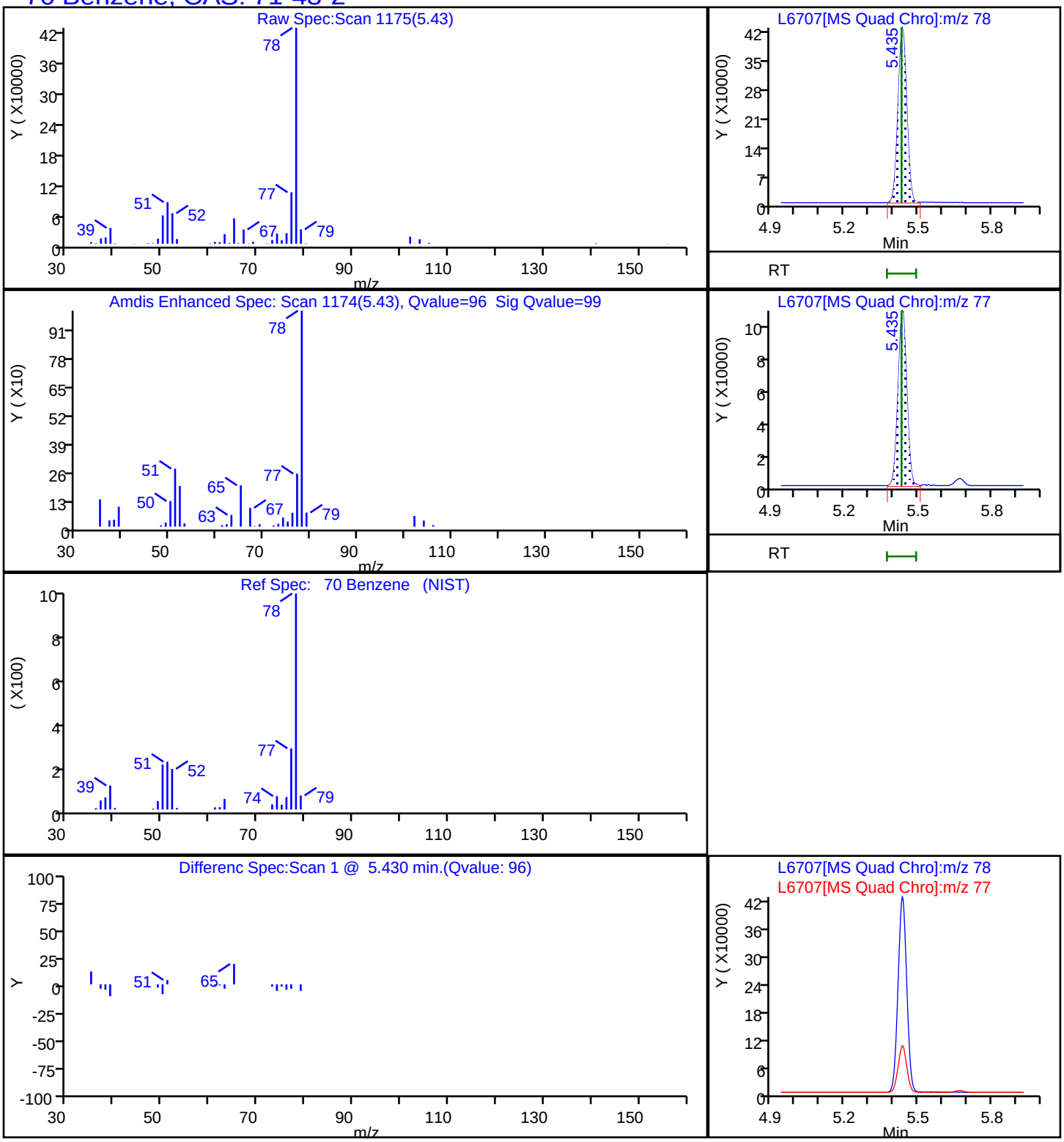
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.0	96.09
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.9	103.45
$ 6 Toluene-d8 (Surr)	25.0	23.9	95.44
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.0	99.91

Report Date: 20-Jun-2024 10:27:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Injection Date:	19-Jun-2024 18:25:59	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-8	Lab Sample ID:	480-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	51
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

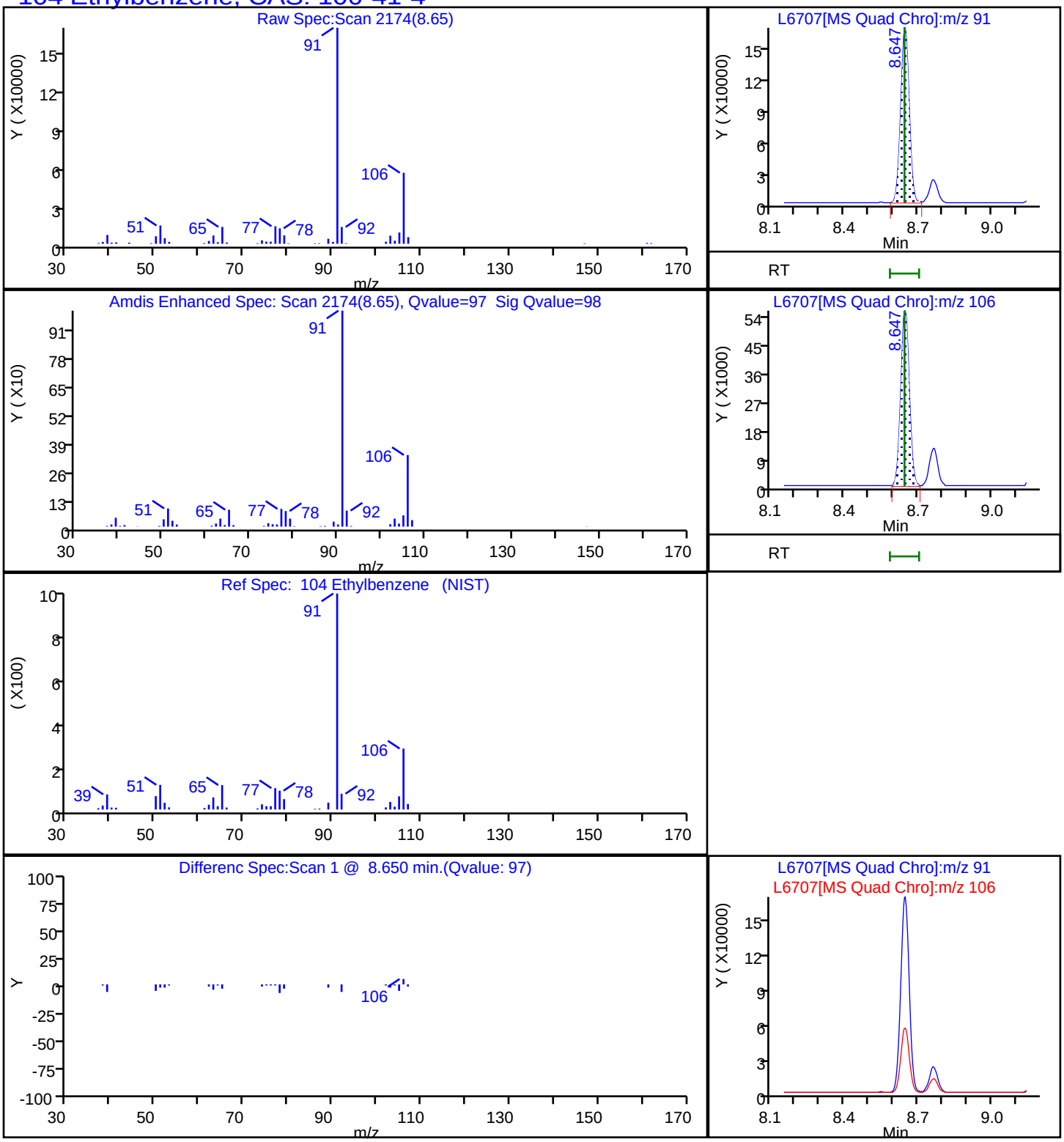


Report Date: 20-Jun-2024 10:27:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Injection Date:	19-Jun-2024 18:25:59	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-8	Lab Sample ID:	480-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	51
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		

104 Ethylbenzene, CAS: 100-41-4

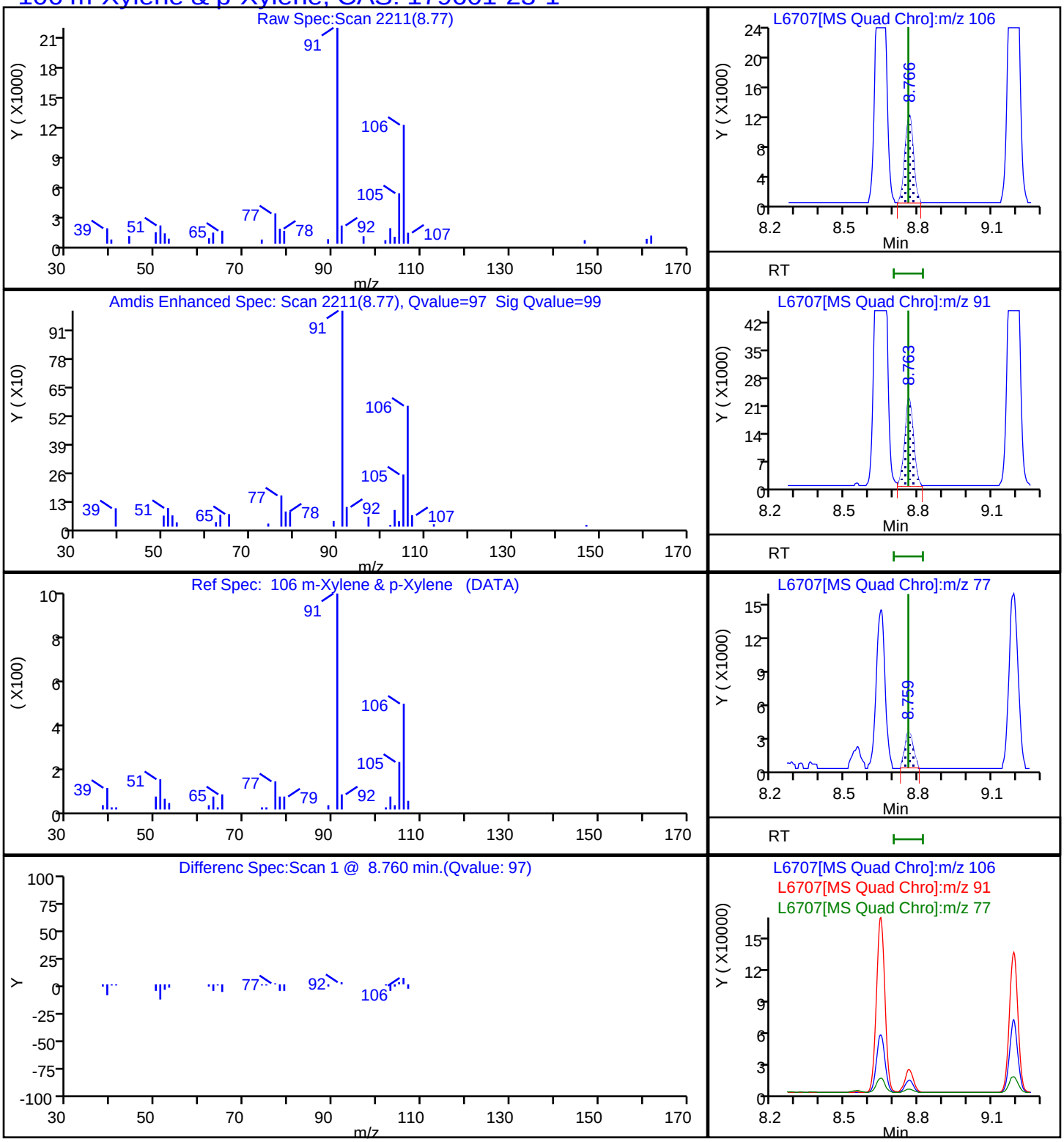


Report Date: 20-Jun-2024 10:27:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Injection Date:	19-Jun-2024 18:25:59	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-8	Lab Sample ID:	480-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	51
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

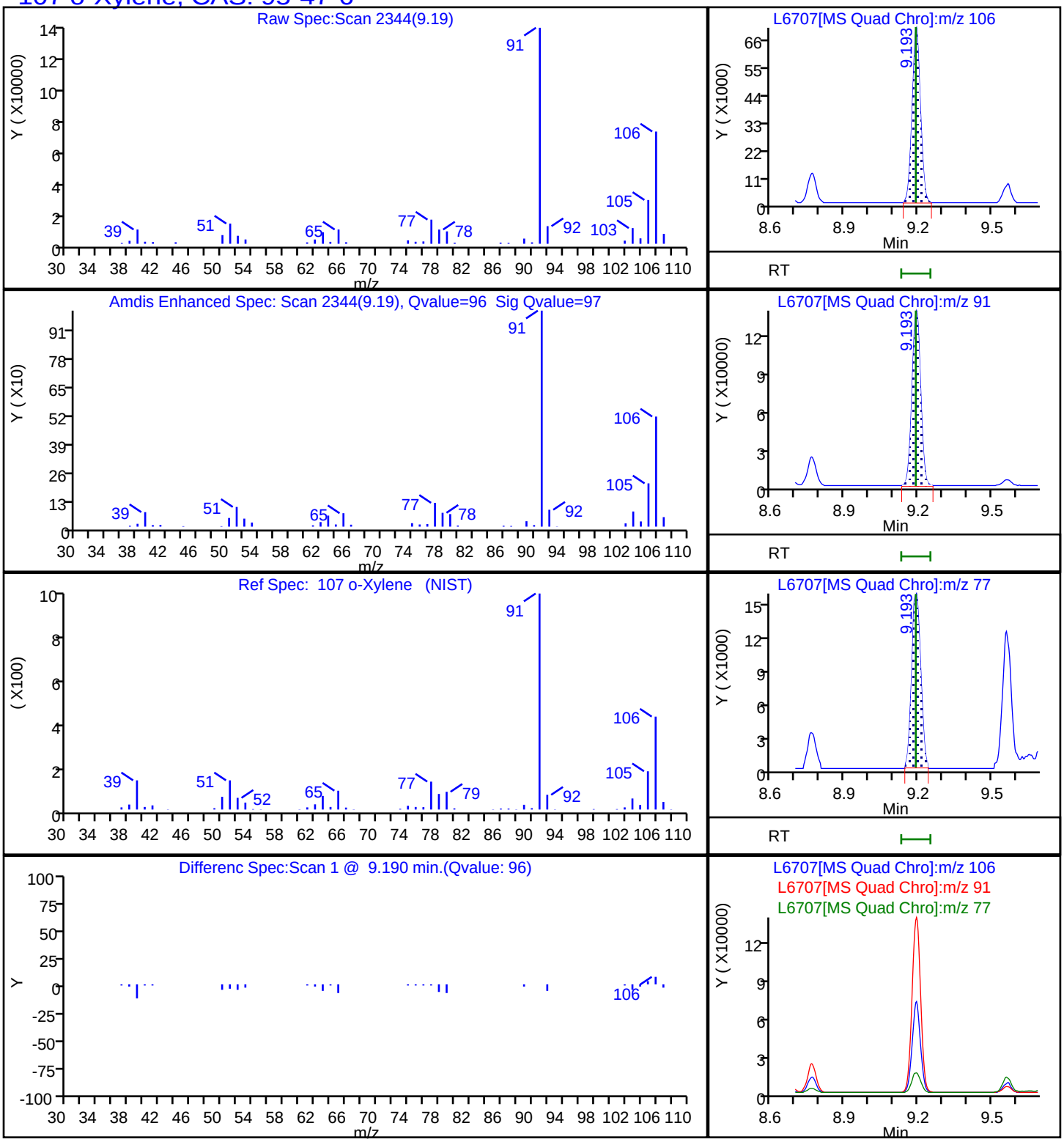


Report Date: 20-Jun-2024 10:27:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6707.D				
Injection Date:	19-Jun-2024 18:25:59	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-8	Lab Sample ID:	480-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	51
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		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: DUP-1_202406
Lab Sample ID: 480-220956-9
Matrix: Water
Lab File ID: L6708.D
Analysis Method: 8260C
Date Collected: 06/18/2024 00:00
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 18:51
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.6		1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	21		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	3.5		2.0	0.66
95-47-6	o-Xylene	16		1.0	0.76
1330-20-7	Xylenes, Total	20		2.0	0.66
STL00431	Total BTEX	42		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D				
Lims ID:	480-220956-D-9				
Client ID:	DUP-1_202406				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 18:51:02	ALS Bottle#:	0	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-9				
Misc. Info.:	480-0118655-052				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:28:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.673	5.670	0.003	99	118026	25.0	
* 2 Chlorobenzene-d5	117	8.547	8.544	0.003	84	530861	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	287285	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.127	-0.004	93	148070	24.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	168241	25.6	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	93	638976	23.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.789	-0.001	99	197629	23.8	
70 Benzene	78	5.438	5.432	0.006	93	42925	1.56	
88 Toluene	92	7.155	7.155	0.003	98	9141	0.4625	
104 Ethylbenzene	91	8.647	8.647	0.003	97	740962	21.2	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.003	97	49451	3.52	
107 o-Xylene	106	9.194	9.194	0.003	96	226336	15.8	
S 143 Xylenes, Total	1				0		19.3	
S 142 Total BTEX	1				0		42.6	

QC Flag Legend

Processing Flags

Reagents:

L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:28:46 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D

Injection Date: 19-Jun-2024 18:51:02 Instrument ID: HP5977L

Lims ID: 480-220956-D-9 Lab Sample ID: 480-220956-9

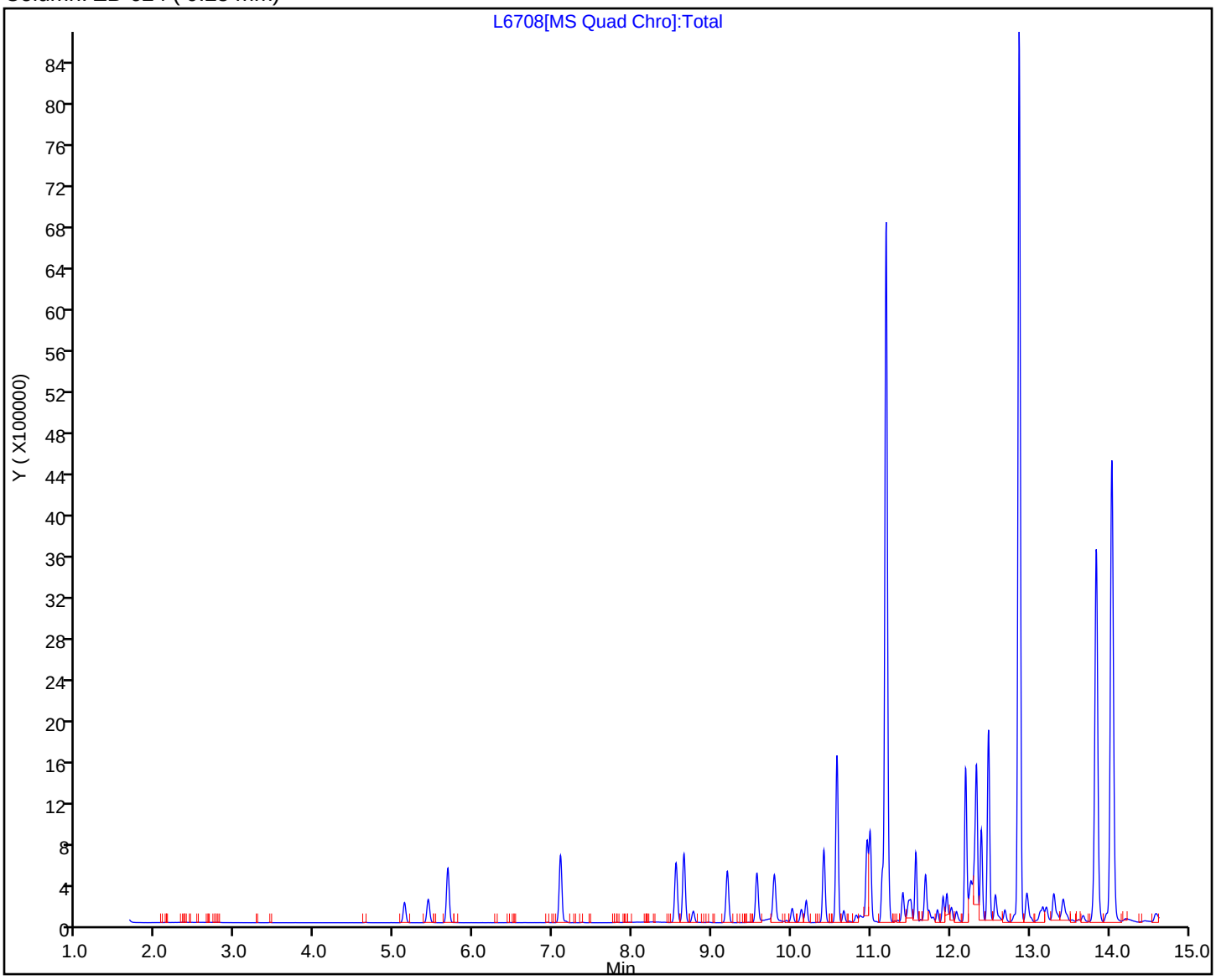
Client ID: DUP-1_202406

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 52

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\20240619-118655.b\L6708.D
Lims ID: 480-220956-D-9
Client ID: DUP-1_202406
Sample Type: Client
Inject. Date: 19-Jun-2024 18:51:02 ALS Bottle#: 0 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-9
Misc. Info.: 480-0118655-052
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:28:46

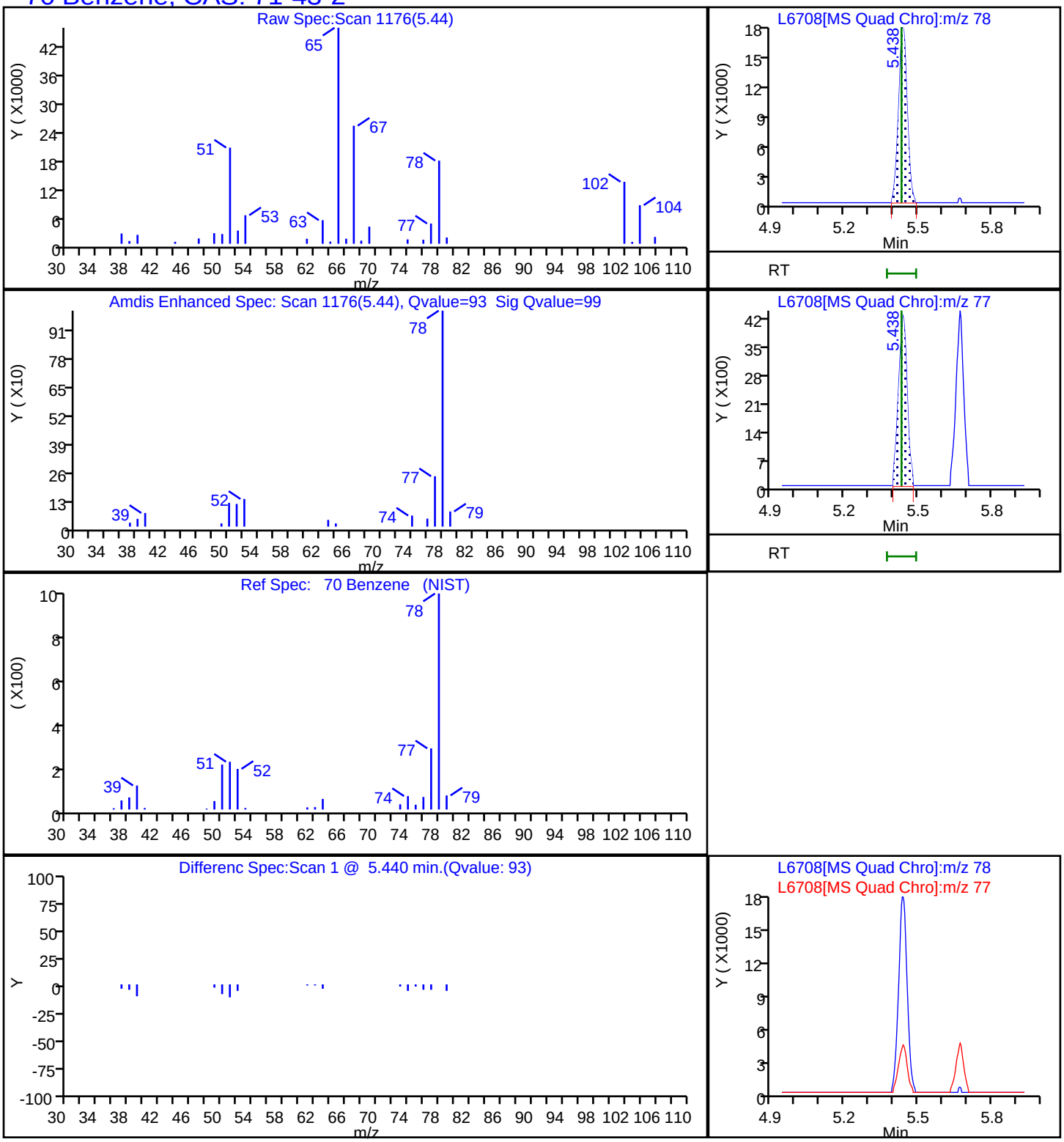
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.0	96.13
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.6	102.58
$ 6 Toluene-d8 (Surr)	25.0	23.4	93.76
$ 7 4-Bromofluorobenzene (Surr)	25.0	23.8	95.05

Report Date: 20-Jun-2024 10:28:46 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D				
Injection Date:	19-Jun-2024 18:51:02	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-9	Lab Sample ID:	480-220956-9		
Client ID:	DUP-1_202406				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	52
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

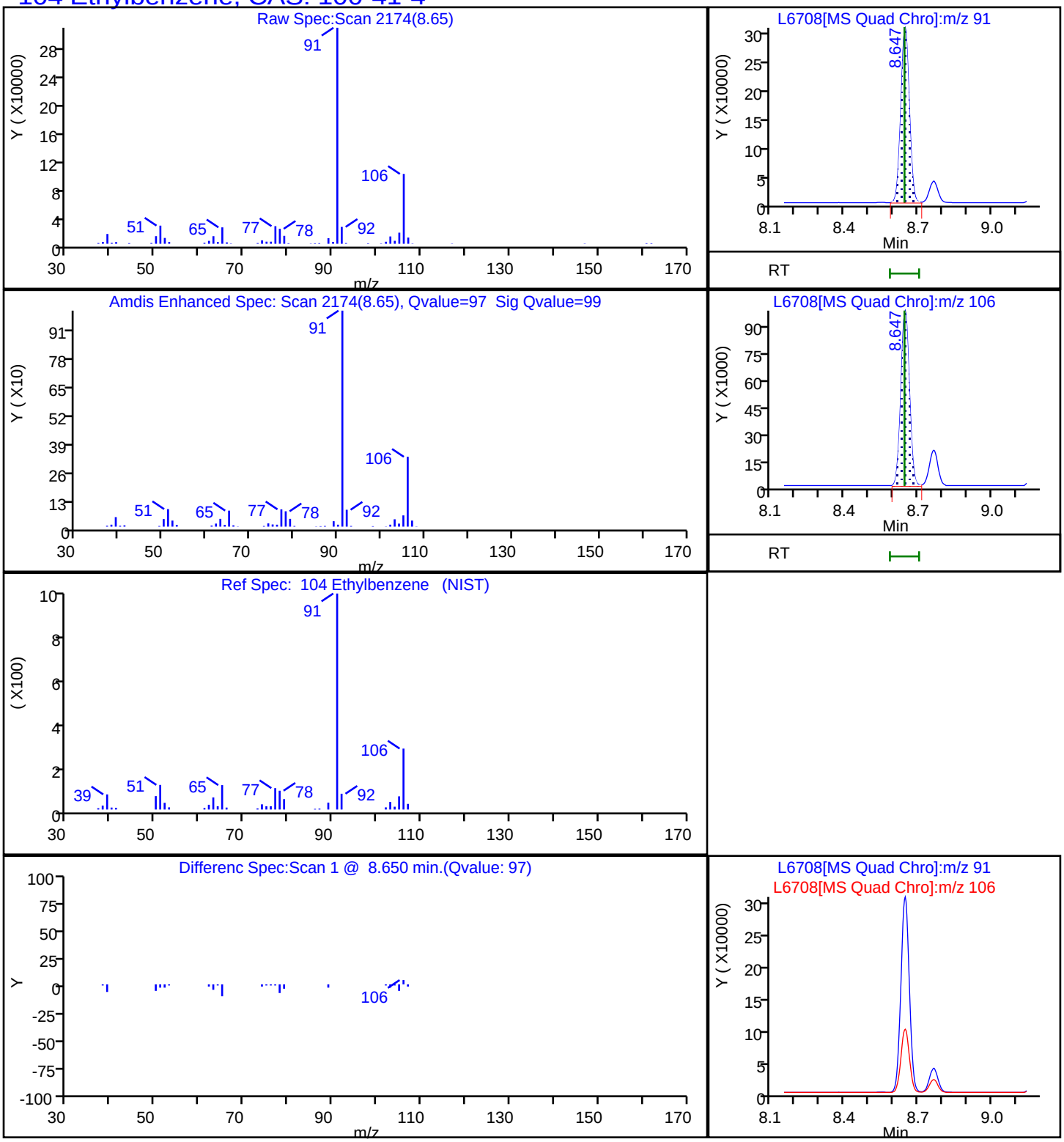


Report Date: 20-Jun-2024 10:28:47 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D				
Injection Date:	19-Jun-2024 18:51:02	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-9	Lab Sample ID:	480-220956-9		
Client ID:	DUP-1_202406				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	52
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		

104 Ethylbenzene, CAS: 100-41-4

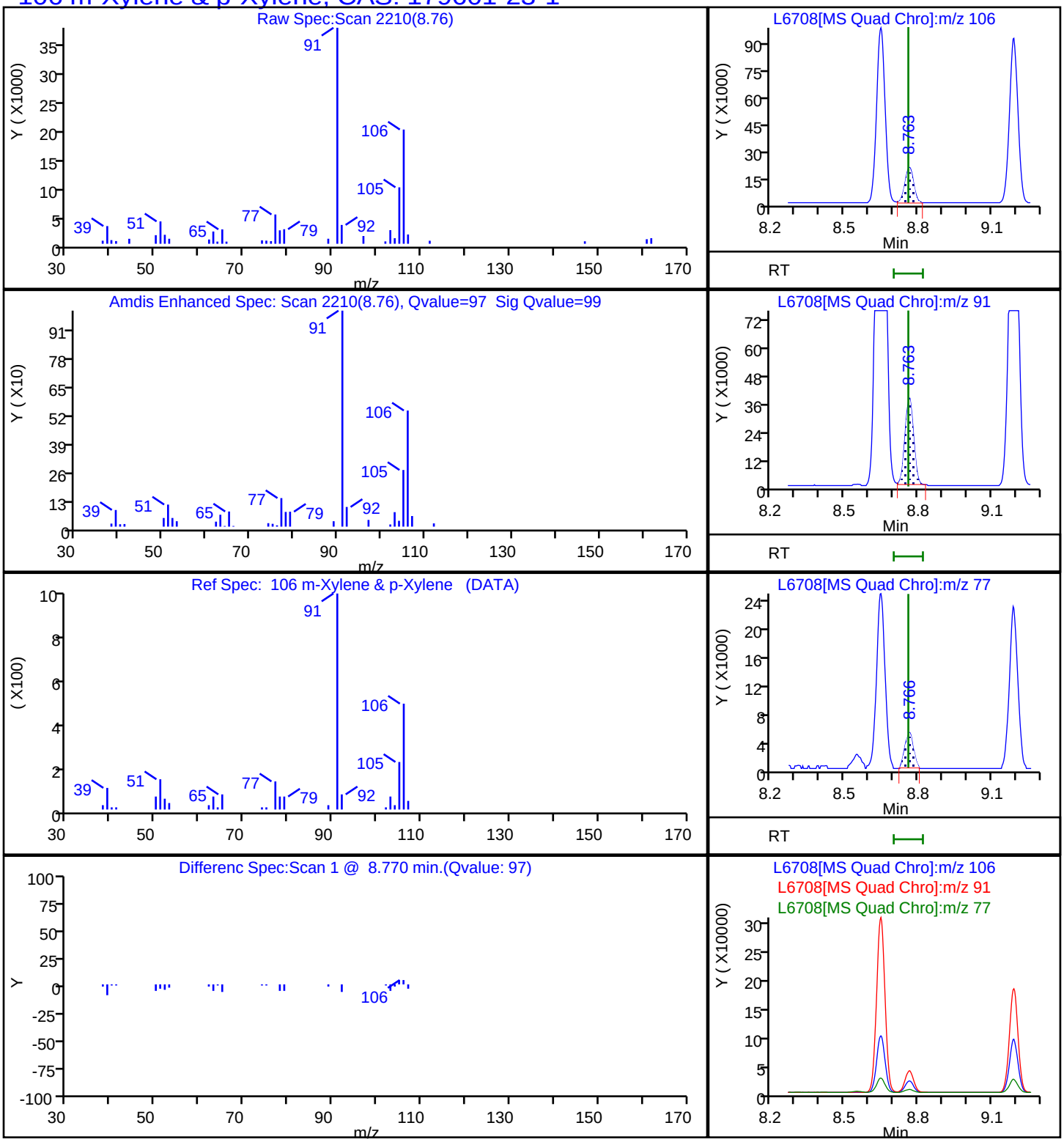


Report Date: 20-Jun-2024 10:28:47 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D				
Injection Date:	19-Jun-2024 18:51:02	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-9	Lab Sample ID:	480-220956-9		
Client ID:	DUP-1_202406				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	52
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

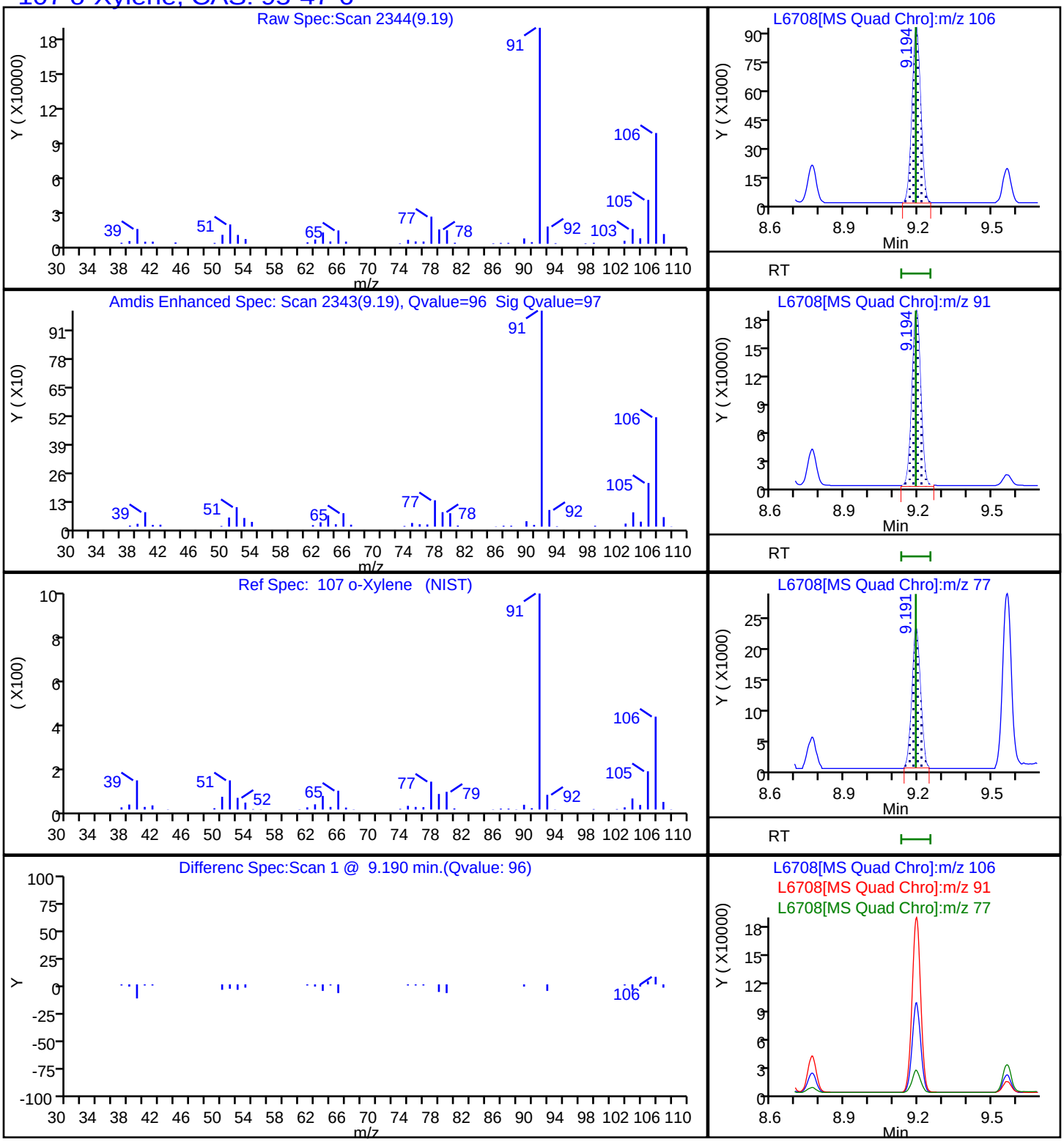


Report Date: 20-Jun-2024 10:28:47 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6708.D				
Injection Date:	19-Jun-2024 18:51:02	Instrument ID:	HP5977L		
Lims ID:	480-220956-D-9	Lab Sample ID:	480-220956-9		
Client ID:	DUP-1_202406				
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	52
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		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: TRIP BLANK-202406
Lab Sample ID: 480-220956-10
Matrix: Water
Lab File ID: L6709.D
Analysis Method: 8260C
Date Collected: 06/18/2024 00:00
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 19:16
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.: 716047
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)	95		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)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6709.D				
Lims ID:	480-220956-A-10				
Client ID:	TRIP BLANK-202406				
Sample Type:	Client				
Inject. Date:	19-Jun-2024 19:16:06	ALS Bottle#:	0	Worklist Smp#:	53
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-A-10				
Misc. Info.:	480-0118655-053				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:28:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 Fluorobenzene (IS)	70	5.670	5.670	0.000	99	122429	25.0	
* 2 Chlorobenzene-d5	117	8.548	8.544	0.004	84	553462	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	324256	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.126	5.127	-0.001	93	153095	24.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	175899	25.8	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	92	676360	23.8	
$ 7 4-Bromofluorobenzene (Surr)	174	9.786	9.789	0.000	99	219829	25.4	
70 Benzene	78		5.432				ND	
88 Toluene	92		7.152				ND	
104 Ethylbenzene	91		8.644				ND	
106 m-Xylene & p-Xylene	106		8.760				ND	
107 o-Xylene	106		9.191				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_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:28:58 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6709.D

Injection Date: 19-Jun-2024 19:16:06 Instrument ID: HP5977L

Lims ID: 480-220956-A-10 Lab Sample ID: 480-220956-10

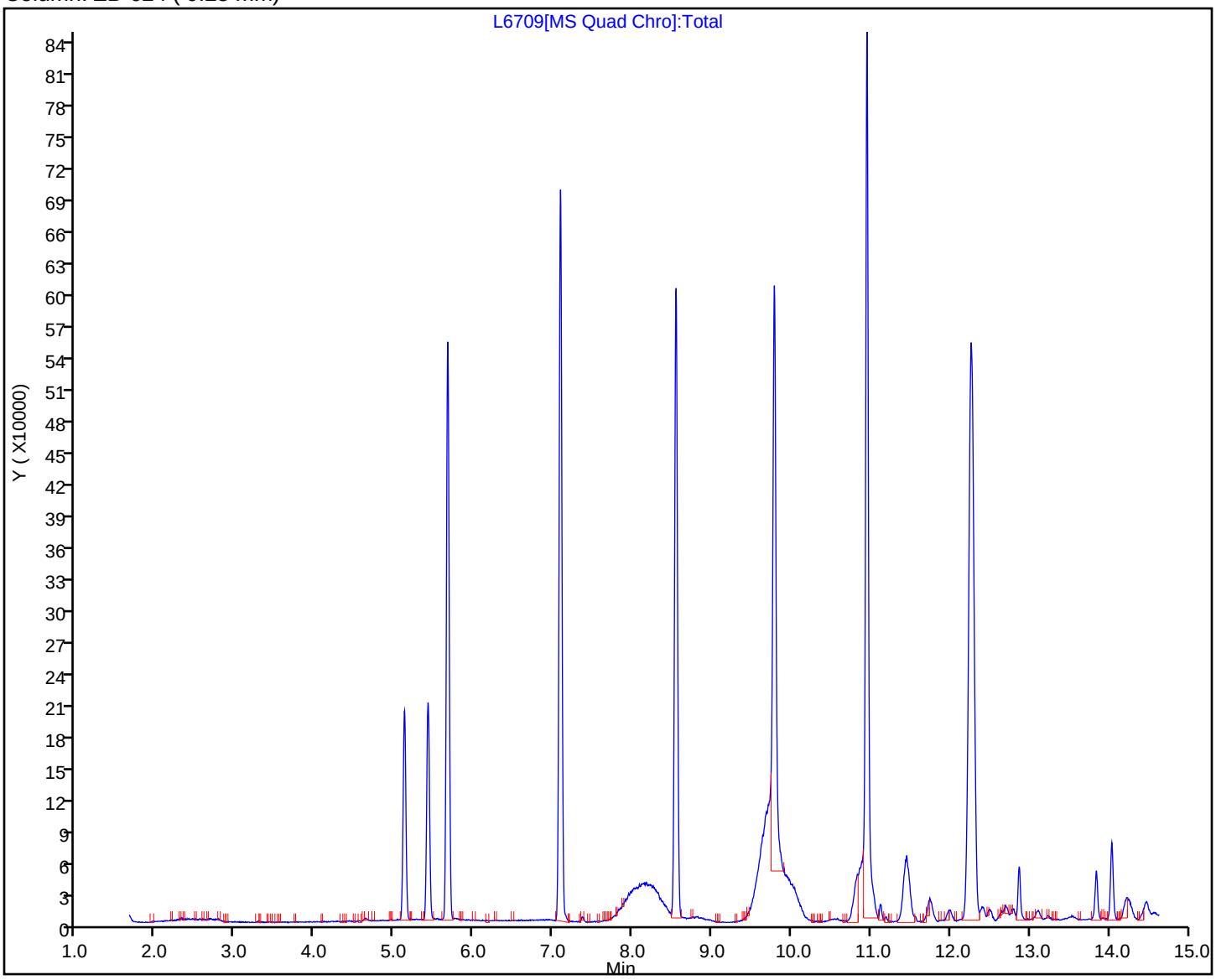
Client ID: TRIP BLANK-202406

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 53

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\20240619-118655.b\L6709.D
Lims ID: 480-220956-A-10
Client ID: TRIP BLANK-202406
Sample Type: Client
Inject. Date: 19-Jun-2024 19:16:06 ALS Bottle#: 0 Worklist Smp#: 53
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-A-10
Misc. Info.: 480-0118655-053
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:28:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.0	95.82
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.39
$ 6 Toluene-d8 (Surr)	25.0	23.8	95.20
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.4	101.41

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-710810/13	S8303.d
Level 2	IC 480-710810/14	S8304.d
Level 3	IC 480-710810/15	S8305.d
Level 4	IC 480-710810/16	S8306.d
Level 5	IC 480-710810/17	S8307.d
Level 6	ICIS 480-710810/18	S8308.d
Level 7	IC 480-710810/19	S8309.d
Level 8	IC 480-710810/20	S8310.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	1.5060 1.8052	2.3269 1.7181	1.7283 1.5099	1.6459	1.8544	Ave		1.7618			0.1000	14.8		20.0			
Chloromethane	1.5746 1.6864	1.7873 1.6156	1.9098 1.4208	1.7880	1.8002	Ave		1.6978			0.1000	9.2		20.0			
Vinyl chloride	1.2448 1.4573	1.3593 1.4267	1.4001 1.2752	1.4189	1.5192	Ave		1.3877			0.1000	6.6		20.0			
Butadiene	1.3826 1.5814	1.5329 1.5579	1.7800 1.3827	1.6237	1.6912	Ave		1.5665				8.8		20.0			
Bromomethane	0.8677 0.9124	1.0100 0.9730	0.9013 0.8771	0.8604	0.9958	Ave		0.9247			0.1000	6.5		20.0			
Chloroethane	1.0178 0.9879	1.0594 0.9790	1.0609 0.8564	1.0380	1.0678	Ave		1.0084			0.1000	6.9		20.0			
Dichlorofluoromethane	2.0451 2.4906	2.7513 2.5343	2.7341 2.2287	2.5840	2.7326	Ave		2.5126				10.2		20.0			
Trichlorofluoromethane	+++++ 2.0847	1.6684 2.0458	1.8617 1.8073	2.0358	2.1445	Ave		1.9497			0.1000	8.9		20.0			
Ethyl ether	+++++ 1.2240	1.5477 1.2279	1.3431 1.1388	1.3182	1.3676	Ave		1.3096				10.1		20.0			
Acrolein	+++++ 0.1307	0.1624 0.1289	0.1459 0.1254	0.1453	0.1541	Ave		0.1418				9.8		20.0			
1,1-Dichloroethene	1.1741 1.1616	1.0919 1.1702	1.1068 1.0608	1.1710	1.1590	Ave		1.1369			0.1000	3.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.1787	1.1198 1.1985	1.0821 1.0642	1.1367	1.1532	Ave		1.1333			0.1000	4.3		20.0			
Acetone	+++++ 0.5003	0.5497 0.5420	0.5816 0.5141	0.5293	0.5791	Ave		0.5423			0.1000	5.7		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	1.9429 2.0203	2.2356 2.0713	2.1483 1.8631	2.1089	2.2044	Ave		2.0743				6.2		20.0			
Carbon disulfide	+++++ 3.7604	3.7728 3.8979	3.6634 3.5438	3.7182	3.9223	Ave		3.7541			0.1000	3.5		20.0			
Allyl chloride	2.8329 2.3066	2.8493 2.3034	2.6933 2.1226	2.5239	2.5602	Ave		2.5240				10.5		20.0			
Methyl acetate	+++++ 1.2149	1.6965 1.1901	1.5588 1.1481	1.3237	1.4252	Ave		1.3653			0.1000	15.0		20.0			
Methylene Chloride	3.0882 1.3793	2.1349 1.3421	1.7526 1.2842	1.6149	1.5434	Lin1	0.9498	1.3080			0.1000	8.0			0.9990		0.9900
2-Methyl-2-propanol	0.2558 0.2004	0.2222 0.1777	0.2139 0.1888	0.1988	0.1961	Ave		0.2067				11.7		20.0			
Methyl tert-butyl ether	5.5254 4.7353	5.2582 4.7646	5.0104 4.4599	4.9475	5.2716	Ave		4.9966			0.1000	6.9		20.0			
trans-1,2-Dichloroethene	1.7871 1.3885	1.4373 1.4050	1.3373 1.2748	1.4155	1.4773	Ave		1.4403			0.1000	10.6		20.0			
Acrylonitrile	0.7439 0.6436	0.7116 0.6310	0.6873 0.6099	0.6560	0.6943	Ave		0.6722				6.7		20.0			
Hexane	1.6467 1.8373	1.5380 1.7822	1.6354 1.6351	1.7250	1.7256	Ave		1.6907				5.6		20.0			
1,1-Dichloroethane	2.3434 2.4234	2.7037 2.4497	2.4603 2.2595	2.5154	2.5826	Ave		2.4672			0.2000	5.6		20.0			
Vinyl acetate	2.9885 2.8877	2.7036 2.8413	2.8538 2.7544	2.8658	2.9737	Ave		2.8586				3.4		20.0			
2,2-Dichloropropane	1.7363 1.5205	1.8696 1.5972	1.7115 1.3793	1.5834	1.6999	Ave		1.6372				9.2		20.0			
cis-1,2-Dichloroethene	+++++ 1.5243	2.0257 1.5281	1.8404 1.4186	1.6689	1.6756	Ave		1.6688			0.1000	12.5		20.0			
2-Butanone (MEK)	0.5418 0.6774	0.6406 0.6436	0.6741 0.6537	0.6351	0.6541	Ave		0.6401			0.1000	6.6		20.0			
Chlorobromomethane	0.8782 0.7693	0.7957 0.7811	0.7878 0.7186	0.8235	0.8278	Ave		0.7978				5.9		20.0			
Tetrahydrofuran	+++++ 0.4874	0.5680 0.4662	0.5056 0.4510	0.4605	0.5113	Ave		0.4928				8.2		20.0			
Chloroform	3.0344 2.3788	2.9003 2.4103	2.6953 2.2330	2.6367	2.6184	Ave		2.6134			0.2000	10.3		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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	1.6946 2.0237	2.1010 2.1032	2.0300 1.8917	2.0867	2.1230	Ave		2.0067			0.1000	7.3		20.0			
Cyclohexane	2.2331 2.4769	2.4637 2.4232	2.3382 2.1694	2.3373	2.3761	Ave		2.3523			0.1000	4.6		20.0			
Carbon tetrachloride	+++++ 1.8048	1.8804 1.8202	1.7766 1.6732	1.7747	1.8251	Ave		1.7936			0.1000	3.6		20.0			
1,1-Dichloropropene	1.3514 1.7363	1.5862 1.7666	1.6559 1.6160	1.7544	1.7445	Ave		1.6514				8.4		20.0			
Benzene	4.6348 4.9459	5.2160 4.9806	4.9289 4.6882	5.0096	5.1607	Ave		4.9456			0.5000	4.1		20.0			
Isobutyl alcohol	0.0768 0.0711	0.0679 0.0680	0.0772 0.0697	0.0607	0.0710	Ave		0.0703				7.5		20.0			
1,2-Dichloroethane	1.9751 1.8210	1.9327 1.7987	1.8648 1.6966	1.8877	1.9655	Ave		1.8678			0.1000	5.0		20.0			
n-Heptane	1.3578 1.6580	1.6862 1.5813	1.4916 1.5489	1.4123	1.4925	Ave		1.5286				7.4		20.0			
Trichloroethene	1.3933 1.2736	1.3755 1.2626	1.3076 1.1764	1.3317	1.2879	Ave		1.3011			0.2000	5.3		20.0			
Methylcyclohexane	+++++ 2.4140	2.1286 2.4161	2.2256 2.1717	2.1534	2.3662	Ave		2.2679			0.1000	5.6		20.0			
1,2-Dichloropropane	1.0515 1.1344	1.0803 1.1120	1.1357 1.0527	1.1227	1.1273	Ave		1.1021			0.1000	3.2		20.0			
Dibromomethane	0.9605 0.8000	0.9405 0.7801	0.8874 0.7420	0.8147	0.8445	Ave		0.8462			0.1000	9.2		20.0			
1,4-Dioxane	+++++ 0.0046	0.0055 0.0044	0.0041 0.0050	0.0062	0.0052	Ave		0.0050				14.6		20.0			
Bromodichloromethane	1.4982 1.6144	1.7481 1.6044	1.4829 1.5143	1.7326	1.6136	Ave		1.6011			0.2000	6.3		20.0			
2-Chloroethyl vinyl ether	0.5643 0.6249	0.5556 0.5926	0.5050 0.5863	0.5642	0.6266	Ave		0.5775				6.9		20.0			
cis-1,3-Dichloropropene	1.6021 1.7603	1.5129 1.7201	1.5846 1.6695	1.7474	1.7788	Ave		1.6720			0.2000	5.8		20.0			
4-Methyl-2-pentanone (MIBK)	1.0475 0.8294	0.8793 0.7773	0.8301 0.7774	0.8237	0.8547	Ave		0.8524			0.1000	10.1		20.0			
Toluene	1.6972 1.5842	1.7299 1.5421	1.5728 1.4628	1.6362	1.6049	Ave		1.6038			0.4000	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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	0.7159 0.8782	0.7576 0.8093	0.7810 0.7826	0.8524	0.8459	Ave		0.8029			0.1000	6.7		20.0			
Ethyl methacrylate	0.9575 0.8151	0.7488 0.7605	0.8574 0.7357	0.8612	0.8430	Ave		0.8224				9.0		20.0			
1,1,2-Trichloroethane	0.3969 0.4393	0.4528 0.4169	0.4706 0.4080	0.4594	0.4619	Ave		0.4382			0.1000	6.3		20.0			
Tetrachloroethene	+++++ 0.6842	0.6813 0.6557	0.6714 0.6227	0.6880	0.6868	Ave		0.6700			0.2000	3.5		20.0			
1,3-Dichloropropane	0.8888 0.8759	0.8493 0.8129	0.8812 0.7945	0.9104	0.8687	Ave		0.8602				4.6		20.0			
2-Hexanone	0.4818 0.4690	0.4811 0.4189	0.4544 0.4359	0.4485	0.4517	Ave		0.4551			0.1000	4.8		20.0			
Dibromochloromethane	0.5916 0.6304	0.6501 0.6015	0.6043 0.5997	0.6168	0.6303	Ave		0.6156			0.1000	3.2		20.0			
1,2-Dibromoethane	0.5286 0.5668	0.5513 0.5120	0.5610 0.5106	0.5281	0.5633	Ave		0.5402				4.3		20.0			
Chlorobenzene	1.6548 1.7150	1.7256 1.6320	1.6237 1.5974	1.7657	1.7403	Ave		1.6818			0.5000	3.7		20.0			
Ethylbenzene	2.2193 3.0470	3.0420 2.9383	2.8523 2.8382	3.0038	3.0357	Ave		2.8721			0.1000	9.6		20.0			
1,1,1,2-Tetrachloroethane	0.5751 0.7069	0.7048 0.6993	0.6903 0.6649	0.7021	0.7695	Ave		0.6891				7.9		20.0			
m-Xylene & p-Xylene	1.0188 1.1950	1.1808 1.1565	1.1152 1.1011	1.1936	1.2067	Ave		1.1460			0.1000	5.6		20.0			
o-Xylene	1.1601 1.2778	1.3235 1.2553	1.2602 1.1910	1.3320	1.3327	Ave		1.2666			0.3000	5.1		20.0			
Styrene	1.7362 1.8289	1.8505 1.7546	1.6907 1.7500	1.7814	1.8834	Ave		1.7845			0.3000	3.6		20.0			
Bromoform	0.4624 0.4401	0.4092 0.4255	0.3905 0.4375	0.3988	0.4296	Ave		0.4242			0.1000	5.6		20.0			
Isopropylbenzene	2.6164 3.1701	2.9072 3.1496	2.8694 2.7659	3.1240	3.1295	Ave		2.9665			0.1000	7.0		20.0			
Bromobenzene	0.6659 0.7201	0.6826 0.6925	0.6740 0.6335	0.7429	0.7260	Ave		0.6922				5.2		20.0			
1,1,2,2-Tetrachloroethane	0.9373 0.8342	0.7579 0.7797	0.8014 0.7115	0.8382	0.8558	Ave		0.8145			0.3000	8.4		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	+++++ 3.6292	3.0998 3.5682	3.3107 3.1343	3.5564	3.5952	Ave		3.4134				6.7		20.0			
1,2,3-Trichloropropane	0.3716 0.2675	0.3617 0.2470	0.3060 0.2263	0.2740	0.2800	Ave		0.2917				17.8		20.0			
trans-1,4-Dichloro-2-butene	0.3189 0.2354	0.3115 0.2251	0.2468 0.2216	0.2400	0.2441	Ave		0.2554				14.9		20.0			
2-Chlorotoluene	0.5656 0.7475	0.7000 0.7283	0.7469 0.6441	0.7741	0.7661	Ave		0.7091				10.1		20.0			
1,3,5-Trimethylbenzene	2.1810 2.7876	2.5721 2.7932	2.4621 2.4590	2.7211	2.7138	Ave		2.5862				8.2		20.0			
4-Chlorotoluene	0.5263 0.7100	0.7114 0.6895	0.6516 0.6262	0.7082	0.7079	Ave		0.6664				9.7		20.0			
tert-Butylbenzene	+++++ 0.5843	0.4367 0.6046	0.4781 0.5507	0.5293	0.5487	Ave		0.5332				11.0		20.0			
1,2,4-Trimethylbenzene	2.4168 2.8865	2.6655 2.8569	2.6141 2.5691	2.7710	2.8991	Ave		2.7099				6.4		20.0			
sec-Butylbenzene	2.2184 3.4966	2.7959 3.4863	2.9288 3.0975	3.2321	3.3367	Ave		3.0741				13.9		20.0			
1,3-Dichlorobenzene	1.2908 1.4495	1.3429 1.4054	1.4107 1.3119	1.4632	1.4863	Ave		1.3951			0.6000	5.2		20.0			
4-Isopropyltoluene	2.2074 3.1254	2.7795 3.1265	2.8785 2.7976	2.9497	3.0721	Ave		2.8671				10.5		20.0			
1,4-Dichlorobenzene	1.4832 1.4586	1.4764 1.4008	1.3889 1.3404	1.4689	1.4815	Ave		1.4373			0.5000	3.7		20.0			
n-Butylbenzene	1.8381 2.7293	2.5896 2.7235	2.5035 2.3800	2.6217	2.6921	Ave		2.5097				11.8		20.0			
1,2-Dichlorobenzene	1.4435 1.5233	1.4810 1.4976	1.4711 1.3670	1.5845	1.5862	Ave		1.4943			0.4000	4.9		20.0			
1,2-Dibromo-3-Chloropropane	0.2238 0.2192	0.2017 0.2084	0.2084 0.1964	0.2122	0.2220	Ave		0.2115			0.0500	4.6		20.0			
1,2,4-Trichlorobenzene	1.2646 1.2415	1.2871 1.2216	1.2020 1.0155	1.2694	1.3330	Ave		1.2293			0.2000	7.8		20.0			
Hexachlorobutadiene	0.3759 0.5141	0.4798 0.5103	0.4606 0.3957	0.5148	0.5066	Ave		0.4697				11.8		20.0			
Naphthalene	3.9987 3.9136	4.0026 3.7982	3.8439 3.2983	3.9206	4.1117	Ave		3.8610				6.4		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	1.3582 1.2088	1.2137 1.1724	1.2698 0.9809	1.2395	1.2994	Ave		1.2178				9.2		20.0			
Dibromofluoromethane (Surr)	1.4052 1.3469	1.4205 1.4043	1.4546 1.3999	1.3611	1.4361	Ave		1.4036				2.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8131 0.7991	0.8211 0.8372	0.8292 0.8335	0.8261	0.8386	Ave		0.8247				1.6		20.0			
Toluene-d8 (Surr)	2.4563 2.3901	2.4407 2.3844	2.4234 2.4285	2.4538	2.4250	Ave		2.4253				1.1		20.0			
4-Bromofluorobenzene (Surr)	0.7409 0.7286	0.7621 0.7201	0.7352 0.7799	0.7406	0.7414	Ave		0.7436				2.6		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-710810/13	S8303.d
Level 2	IC 480-710810/14	S8304.d
Level 3	IC 480-710810/15	S8305.d
Level 4	IC 480-710810/16	S8306.d
Level 5	IC 480-710810/17	S8307.d
Level 6	ICIS 480-710810/18	S8308.d
Level 7	IC 480-710810/19	S8309.d
Level 8	IC 480-710810/20	S8310.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	5599 362778	17104 670228	25207 1243997	64057	137296	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	5854 338898	13138 630270	27855 1170597	69589	133283	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	4628 292857	9992 556582	20421 1050648	55225	112480	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	5140 317811	11268 607766	25961 1139218	63193	125217	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	3226 183358	7424 379592	13146 722687	33488	73724	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	3784 198536	7787 381921	15474 705602	40401	79060	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	7603 500524	20224 988665	39877 1836234	100570	202321	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	+++++ 418954	12264 798102	27153 1489042	79232	158773	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	+++++ 245979	11377 478996	19589 938302	51304	101253	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	+++++ 131293	5967 251479	10642 516531	28277	57036	+++++ 125	5.00 250	10.0 500	25.0	50.0
1,1-Dichloroethene	FB	Ave	4365 233447	8026 456486	16143 873990	45576	85814	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	+++++ 236876	8231 467562	15782 876821	44239	85383	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	+++++ 502746	20205 1057096	42415 2117867	103006	214371	+++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	7223 406009	16433 808031	31334 1535010	82078	163208	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	+++++	27733	53432	144715	290402	+++++	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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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
			755707	1520615	2919778			25.0	50.0	100		
Allyl chloride	FB	Ave	10532 463540	20944 898587	39283 1748875	98229	189555	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	+++++ 488288	24941 928539	45472 1891871	103034	211035	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	11481 277195	15693 523556	25562 1058049	62852	114271	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	9510 402758	16334 693223	31193 1555809	77360	145169	5.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	20542 951628	38651 1858714	73078 3674619	192559	390300	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	6644 279029	10565 548083	19505 1050359	55092	109378	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	27655 1293461	52305 2461444	100251 5024716	255303	514050	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	6122 369227	11305 695266	23853 1347169	67137	127760	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	8712 487021	19874 955644	35884 1861685	97899	191209	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	22221 1160650	39747 2216841	83247 4538841	223072	440340	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	6455 305569	13743 623098	24963 1136423	61628	125856	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 306322	14890 596113	26843 1168804	64953	124057	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	10071 680643	23546 1255311	49159 2692999	123599	242161	2.50 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	3265 154607	5849 304731	11490 592105	32051	61290	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	+++++ 195894	8350 363707	14749 743128	35844	75713	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	11281 478051	21319 940270	39312 1839785	102621	193865	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	6300 406685	15444 820458	29608 1558599	81214	157181	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	8302 497777	18110 945324	34103 1787397	90970	175925	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	+++++ 362709	13822 710077	25912 1378552	69070	135130	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	5024 348933	11660 689161	24151 1331435	68281	129158	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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
Benzene	FB	Ave	17231 993950	38341 1942981	71889 3862726	194974	382093	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	7140 356984	12476 662919	28152 1435090	59066	131332	12.5 625	25.0 1250	50.0 2500	125	250
1,2-Dichloroethane	FB	Ave	7343 365965	14207 701687	27199 1397872	73470	145525	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	5048 333208	12395 616866	21755 1276133	54966	110503	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	5180 255950	10111 492542	19072 969258	51830	95354	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	+++++ 485119	15647 942535	32461 1789283	83809	175189	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3909 227965	7941 433781	16564 867371	43696	83460	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	3571 160764	6913 304316	12943 611335	31707	62523	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZd 5	Ave	+++++ 33249	1370 64377	2094 153148	8515	13867	+++++ 500	20.0 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	5570 324446	12850 625876	21628 1247648	67435	119465	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2098 125582	4084 231184	7366 483070	21959	46395	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	5956 353749	11121 671038	23112 1375535	68008	131703	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZd 5	Ave	32803 1506297	54970 2843835	106658 5915790	281296	565739	2.50 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZd 5	Ave	10630 575404	21630 1128294	40416 2226224	111754	212467	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	4484 318977	9472 592145	20070 1191109	58217	111994	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZd 5	Ave	5997 296050	9362 556452	22034 1119728	58823	111604	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZd 5	Ave	2486 159546	5662 305015	12093 620979	31377	61148	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZd 5	Ave	+++++	8518	17254	46993	90927	+++++	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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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
			248511	479772	947654			25.0	50.0	100		
1,3-Dichloropropane	CBNZd5	Ave	5567 318149	10619 594765	22644 1209203	62180	115000	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZd5	Ave	15087 851670	30074 1532514	58379 3316729	153175	299022	2.50 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZd5	Ave	3705 228979	8129 440115	15529 912737	42127	83447	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZd5	Ave	3311 205856	6893 374618	14417 777135	36068	74579	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chlorobenzene	CBNZd5	Ave	10364 622899	21576 1194085	41724 2431121	120601	230403	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZd5	Ave	13900 1106691	38036 2149851	73296 4319442	205161	401898	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	3602 256752	8813 511687	17738 1011937	47957	101875	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
m-Xylene & p-Xylene	CBNZd5	Ave	6381 434016	14764 846173	28659 1675760	81523	159751	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBNZd5	Ave	7266 464123	16548 918485	32384 1812570	90976	176431	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBNZd5	Ave	10874 664270	23138 1283793	43446 2663426	121668	249341	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBNZd5	Ave	2896 159836	5117 311354	10036 665782	27240	56879	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCBd4	Ave	17723 1204515	39881 2420829	78908 4827611	224644	441281	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCBd4	Ave	4511 273625	9364 532256	18534 1105703	53421	102371	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	6349 316961	10397 599334	22038 1241918	60271	120673	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCBd4	Ave	+++++ 1378986	42524 2742594	91044 5470732	255738	506955	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichloropropane	DCBd4	Ave	2517	4962	8414	19703	39478	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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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
			101644	189823	394934			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd4	Ave	2160 89451	4273 173006	6788 386781	17259	34427	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCBd4	Ave	3831 284013	9602 559802	20540 1124204	55666	108033	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCBd4	Ave	14774 1059181	35284 2146891	67707 4292063	195675	382668	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCBd4	Ave	3565 269775	9759 529994	17919 1092950	50926	99818	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd4	Ave	+++++ 222022	5991 464729	13147 961224	38060	77372	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd4	Ave	16371 1096756	36566 2195898	71887 4484201	199262	408791	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd4	Ave	15027 1328602	38355 2679663	80542 5406485	232420	470498	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd4	Ave	8744 550771	18422 1080239	38794 2289825	105219	209582	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd4	Ave	14953 1187531	38129 2403125	79157 4882966	212114	433197	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dichlorobenzene	DCBd4	Ave	10047 554207	20253 1076692	38194 2339478	105627	208906	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd4	Ave	12451 1037057	35525 2093348	68847 4154105	188521	379614	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd4	Ave	9778 578810	20317 1151087	40454 2385920	113938	223663	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1516 83271	2767 160199	5730 342715	15262	31302	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd4	Ave	8566 471732	17656 938928	33055 1772394	91282	187958	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd4	Ave	2546 195342	6582 392257	12667 690729	37019	71431	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCBd4	Ave	27087 1487049	54908 2919363	105706 5756911	281926	579785	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCBd4	Ave	9200 459302	16649 901142	34918 1712128	89129	183226	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	261203 270681	261049 273908	265199 288350	264868	265817	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	151148 160581	150887 163292	151175 171677	160765	155214	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZd5	Ave	769207	762914	778452	837970	802606	25.0	25.0	25.0	25.0	25.0

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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
			868088	872309	923998			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZd 5	Ave	232031	238229	236175	252929	245395	25.0	25.0	25.0	25.0	25.0
			264616	263454	296754			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.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-710810/13	S8303.d
Level 2	IC 480-710810/14	S8304.d
Level 3	IC 480-710810/15	S8305.d
Level 4	IC 480-710810/16	S8306.d
Level 5	IC 480-710810/17	S8307.d
Level 6	ICIS 480-710810/18	S8308.d
Level 7	IC 480-710810/19	S8309.d
Level 8	IC 480-710810/20	S8310.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	-14.5						30					
Chloromethane	-7.3						30					
Vinyl chloride	-10.3						30					
Butadiene	-11.7						30					
Bromomethane	-6.2						30					
Chloroethane	0.9						30					
Dichlorofluoromethane	-18.6						30					
Trichlorofluoromethane	+++++	-14.4						30				
Ethyl ether	+++++	18.2						30				
Acrolein	+++++	14.5						30				
1,1-Dichloroethene	3.3						30					
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++	-1.2						30				
Acetone	+++++	1.4						30				
Iodomethane	-6.3						30					
Carbon disulfide	+++++	0.5						30				

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	12.2						30					
Methyl acetate	+++++	24.3						30				
Methylene Chloride	-9.1						30					
2-Methyl-2-propanol	23.8						30					
Methyl tert-butyl ether	10.6						30					
trans-1,2-Dichloroethene	24.1						30					
Acrylonitrile	10.7						30					
Hexane	-2.6						30					
1,1-Dichloroethane	-5.0						30					
Vinyl acetate	4.5						30					
2,2-Dichloropropane	6.1						30					
cis-1,2-Dichloroethene	+++++	21.4						30				
2-Butanone (MEK)	-15.4						30					
Chlorobromomethane	10.1						30					
Tetrahydrofuran	+++++	15.2						30				
Chloroform	16.1						30					
1,1,1-Trichloroethane	-15.6						30					
Cyclohexane	-5.1						30					
Carbon tetrachloride	+++++	4.8						30				
1,1-Dichloropropene	-18.2						30					
Benzene	-6.3						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	9.3						30					
1,2-Dichloroethane	5.7						30					
n-Heptane	-11.2						30					
Trichloroethene	7.1						30					
Methylcyclohexane	+++++	-6.1						30				
1,2-Dichloropropane	-4.6						30					
Dibromomethane	13.5						30					
1,4-Dioxane	+++++	9.5						30				
Bromodichloromethane	-6.4						30					
2-Chloroethyl vinyl ether	-2.3						30					
cis-1,3-Dichloropropene	-4.2						30					
4-Methyl-2-pentanone (MIBK)	22.9						30					
Toluene	5.8						30					
trans-1,3-Dichloropropene	-10.8						30					
Ethyl methacrylate	16.4						30					
1,1,2-Trichloroethane	-9.4						30					
Tetrachloroethene	+++++	1.7						30				
1,3-Dichloropropane	3.3						30					
2-Hexanone	5.8						30					
Dibromochloromethane	-3.9						30					
1,2-Dibromoethane	-2.1						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	-1.6						30					
Ethylbenzene	-22.7						30					
1,1,1,2-Tetrachloroethane	-16.5						30					
m-Xylene & p-Xylene	-11.1						30					
o-Xylene	-8.4						30					
Styrene	-2.7						30					
Bromoform	9.0						30					
Isopropylbenzene	-11.8						30					
Bromobenzene	-3.8						30					
1,1,2,2-Tetrachloroethane	15.1						30					
N-Propylbenzene	+++++	-9.2						30				
1,2,3-Trichloropropane	27.4						30					
trans-1,4-Dichloro-2-butene	24.8						30					
2-Chlorotoluene	-20.2						30					
1,3,5-Trimethylbenzene	-15.7						30					
4-Chlorotoluene	-21.0						30					
tert-Butylbenzene	+++++	-18.1						30				
1,2,4-Trimethylbenzene	-10.8						30					
sec-Butylbenzene	-27.8						30					
1,3-Dichlorobenzene	-7.5						30					
4-Isopropyltoluene	-23.0						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 710810

SDG No.:

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

Calibration Start Date: 05/06/2024 16:50 Calibration End Date: 05/06/2024 19:32 Calibration ID: 46463

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	3.2						30					
n-Butylbenzene	-26.8						30					
1,2-Dichlorobenzene	-3.4						30					
1,2-Dibromo-3-Chloropropane	5.8						30					
1,2,4-Trichlorobenzene	2.9						30					
Hexachlorobutadiene	-20.0						30					
Naphthalene	3.6						30					
1,2,3-Trichlorobenzene	11.5						30					
Dibromofluoromethane (Surr)	0.1						30					
1,2-Dichloroethane-d4 (Surr)	-1.4						30					
Toluene-d8 (Surr)	1.3						30					
4-Bromofluorobenzene (Surr)	-0.4						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-May-2024 16:50:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0117811-013
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:50:39 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:52:37

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	185886	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	85	313158	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	95	338694	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.192	4.198	-0.006	65	261203	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	96	151148	25.0	24.6	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	83	769207	25.0	25.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.956	0.005	90	232031	25.0	24.9	
10 Dichlorodifluoromethane	85	0.992	0.998	-0.006	62	5599	0.5000	0.4274	M
12 Chloromethane	50	1.132	1.126	0.006	44	5854	0.5000	0.4637	
13 Vinyl chloride	62	1.199	1.205	-0.006	27	4628	0.5000	0.4485	a
151 Butadiene	54	1.211	1.217	-0.006	76	5140	0.5000	0.4413	M
14 Bromomethane	94	1.448	1.448	0.000	29	3226	0.5000	0.4692	
15 Chloroethane	64	1.509	1.509	0.000	58	3784	0.5000	0.5047	
16 Dichlorofluoromethane	67	1.679	1.686	-0.007	57	7603	0.5000	0.4070	
17 Trichlorofluoromethane	101	1.698	1.692	0.006	49	4814	0.5000	0.3321	
18 Ethyl ether	59	1.917	1.917	0.000	78	7003	0.5000	0.7192	a
20 Acrolein	56	2.075	2.081	-0.006	74	3581	2.50	3.40	M
22 1,1-Dichloroethene	96	2.105	2.111	-0.006	66	4365	0.5000	0.5164	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	1	2650	0.5000	0.3145	
23 Acetone	43	2.215	2.221	-0.006	88	15562	2.50	3.86	M
25 Iodomethane	142	2.251	2.251	0.000	88	7223	0.5000	0.4683	
26 Carbon disulfide	76	2.275	2.282	-0.007	95	9307	0.5000	0.3334	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	78	10532	0.5000	0.5612	
27 Methyl acetate	43	2.494	2.501	-0.007	90	20847	1.00	2.05	a
30 Methylene Chloride	84	2.586	2.586	0.000	88	11481	0.5000	0.4544	M
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	69	9510	5.00	6.19	
32 Methyl tert-butyl ether	73	2.786	2.787	-0.001	88	20542	0.5000	0.5529	
34 trans-1,2-Dichloroethene	96	2.793	2.799	-0.006	30	6644	0.5000	0.6204	
33 Acrylonitrile	53	2.859	2.860	-0.001	94	27655	5.00	5.53	
35 Hexane	57	2.975	2.988	-0.013	69	6122	0.5000	0.4870	

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	3.200	0.000	42	8712	0.5000	0.4749	
37 Vinyl acetate	43	3.267	3.261	0.006	84	22221	1.00	1.05	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	49	6455	0.5000	0.5303	
45 cis-1,2-Dichloroethene	96	3.742	3.736	0.006	13	9688	0.5000	0.7808	
43 2-Butanone (MEK)	43	3.784	3.778	0.006	81	10071	2.50	2.12	
48 Chlorobromomethane	128	3.961	3.961	0.000	66	3265	0.5000	0.5504	
49 Tetrahydrofuran	42	3.985	3.973	0.012	73	5714	1.00	1.56	
50 Chloroform	83	4.046	4.046	0.000	67	11281	0.5000	0.5805	M
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	47	6300	0.5000	0.4222	
52 Cyclohexane	56	4.131	4.137	-0.006	51	8302	0.5000	0.4747	
55 Carbon tetrachloride	117	4.271	4.271	0.000	64	4520	0.5000	0.3389	
54 1,1-Dichloropropene	75	4.295	4.289	0.006	51	5024	0.5000	0.4092	
57 Benzene	78	4.484	4.484	0.000	43	17231	0.5000	0.4686	
53 Isobutyl alcohol	43	4.557	4.545	0.012	55	7140	12.5	13.7	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	47	7343	0.5000	0.5287	
59 n-Heptane	43	4.672	4.679	-0.007	68	5048	0.5000	0.4441	
62 Trichloroethene	95	5.092	5.092	0.000	49	5180	0.5000	0.5354	
64 Methylcyclohexane	83	5.196	5.196	0.000	61	5745	0.5000	0.3407	
65 1,2-Dichloropropane	63	5.336	5.324	0.012	48	3909	0.5000	0.4770	
67 Dibromomethane	93	5.457	5.464	-0.007	56	3571	0.5000	0.5676	
66 1,4-Dioxane	88	5.488	5.476	0.012	25	385	10.0	6.14	Ma
68 Dichlorobromomethane	83	5.621	5.622	-0.001	55	5570	0.5000	0.4679	M
69 2-Chloroethyl vinyl ether	63	5.920	5.914	0.006	24	2098	0.5000	0.4886	
72 cis-1,3-Dichloropropene	75	6.041	6.035	0.006	51	5956	0.5000	0.4791	
73 4-Methyl-2-pentanone (MIBK)	43	6.193	6.187	0.006	86	32803	2.50	3.07	
74 Toluene	92	6.309	6.309	0.000	73	10630	0.5000	0.5291	
77 trans-1,3-Dichloropropene	75	6.613	6.601	0.012	46	4484	0.5000	0.4459	a
75 Ethyl methacrylate	69	6.668	6.662	0.006	61	5997	0.5000	0.5821	a
79 1,1,2-Trichloroethane	83	6.783	6.784	-0.001	37	2486	0.5000	0.4529	M
81 Tetrachloroethene	166	6.826	6.826	0.000	67	2924	0.5000	0.3484	
82 1,3-Dichloropropane	76	6.948	6.942	0.006	64	5567	0.5000	0.5166	
80 2-Hexanone	43	7.033	7.021	0.012	88	15087	2.50	2.65	M
83 Chlorodibromomethane	129	7.173	7.173	0.000	31	3705	0.5000	0.4805	
84 Ethylene Dibromide	107	7.258	7.258	0.000	59	3311	0.5000	0.4893	
87 Chlorobenzene	112	7.732	7.733	-0.001	67	10364	0.5000	0.4920	
88 Ethylbenzene	91	7.836	7.830	0.006	77	13900	0.5000	0.3864	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.836	0.006	31	3602	0.5000	0.4173	
90 m-Xylene & p-Xylene	106	7.964	7.958	0.006	81	6381	0.5000	0.4445	
91 o-Xylene	106	8.377	8.378	-0.001	66	7266	0.5000	0.4580	
92 Styrene	104	8.414	8.408	0.006	35	10874	0.5000	0.4865	Ma
95 Bromoform	173	8.645	8.645	0.000	45	2896	0.5000	0.5450	
94 Isopropylbenzene	105	8.761	8.761	0.000	63	17723	0.5000	0.4410	
101 Bromobenzene	156	9.101	9.102	-0.001	63	4511	0.5000	0.4810	
97 1,1,2,2-Tetrachloroethane	83	9.192	9.193	-0.001	41	6349	0.5000	0.5754	M
99 N-Propylbenzene	91	9.205	9.205	0.000	84	18692	0.5000	0.4042	M
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	33	2517	0.5000	0.6368	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.241	0.006	1	2160	0.5000	0.6242	
103 2-Chlorotoluene	126	9.308	9.302	0.006	73	3831	0.5000	0.3988	
102 1,3,5-Trimethylbenzene	105	9.399	9.400	-0.001	71	14774	0.5000	0.4217	
105 4-Chlorotoluene	126	9.430	9.424	0.006	40	3565	0.5000	0.3949	
106 tert-Butylbenzene	134	9.734	9.728	0.006	60	1994	0.5000	0.2760	a
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	63	16371	0.5000	0.4459	

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	62	15027	0.5000	0.3608	
111 1,3-Dichlorobenzene	146	10.087	10.081	0.006	72	8744	0.5000	0.4626	
110 4-Isopropyltoluene	119	10.111	10.105	0.006	71	14953	0.5000	0.3850	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	23	10047	0.5000	0.5160	a
115 n-Butylbenzene	91	10.507	10.507	0.000	75	12451	0.5000	0.3662	
116 1,2-Dichlorobenzene	146	10.543	10.537	0.006	62	9778	0.5000	0.4830	
117 1,2-Dibromo-3-Chloropropane	75	11.297	11.292	0.005	25	1516	0.5000	0.5291	Ma
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	55	8566	0.5000	0.5143	
120 Hexachlorobutadiene	225	12.094	12.089	0.005	10	2546	0.5000	0.4001	
121 Naphthalene	128	12.186	12.180	0.006	89	27087	0.5000	0.5178	
122 1,2,3-Trichlorobenzene	180	12.386	12.387	-0.001	64	9200	0.5000	0.5576	
S 125 1,2-Dichloroethene, Total	1				0			1.40	
S 123 Total BTEX	1				0			2.29	
S 126 1,3-Dichloropropene, Total	1				0			0.9250	
S 124 Xylenes, Total	1				0			0.9025	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00254	Amount Added:	0.50	Units: uL	
GAS CORP mix_00618	Amount Added:	0.50	Units: uL	
S_8260_IS_00388	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:50:41 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d

Injection Date: 06-May-2024 16:50:30 Instrument ID: HP5973S Operator ID: ZN

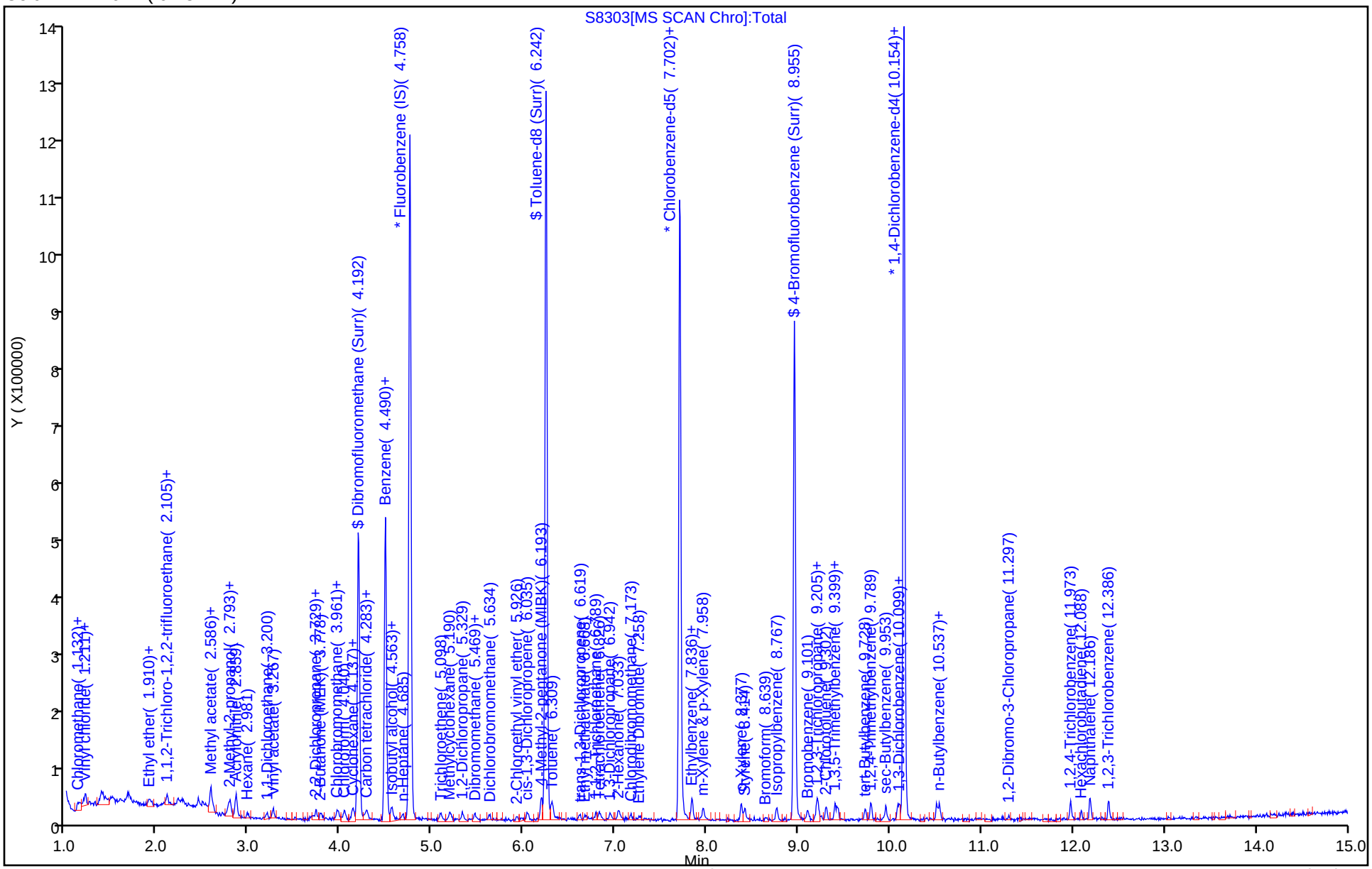
Lims ID: IC 0.5 Worklist Smp#: 13

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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

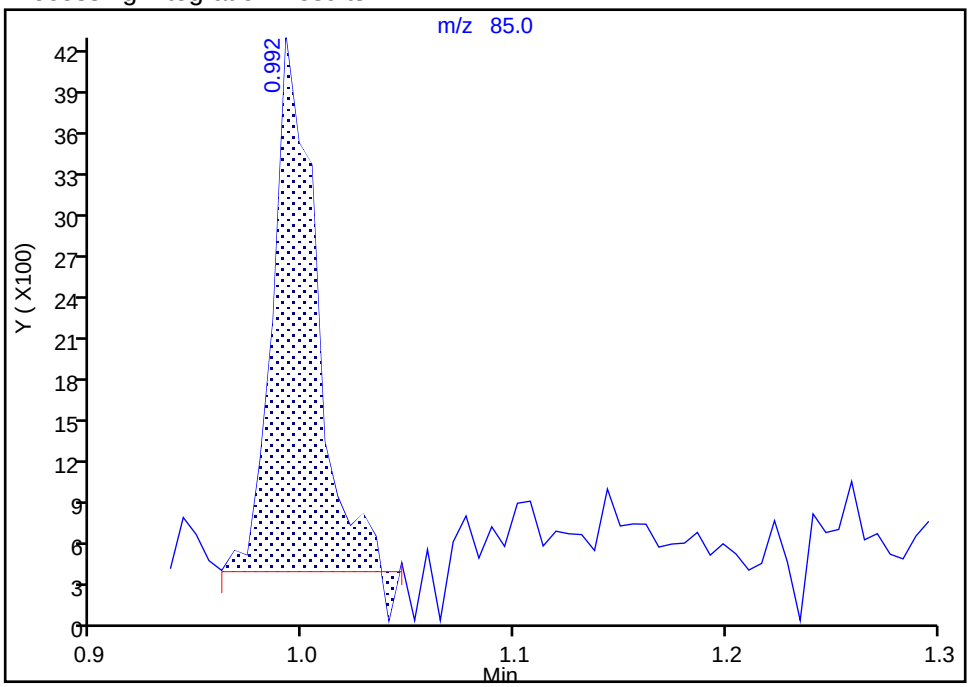
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

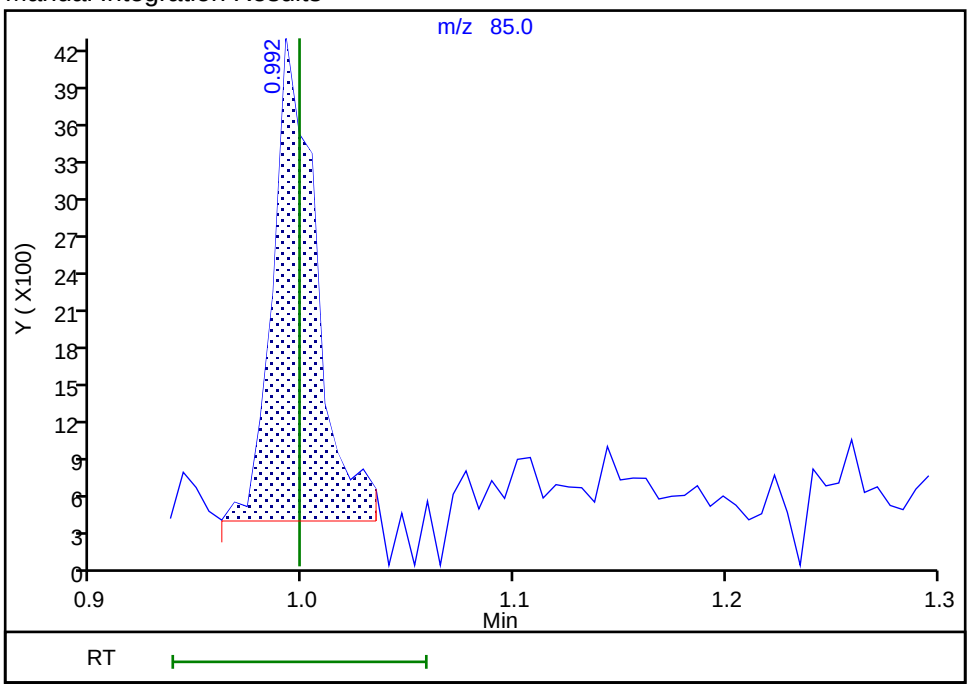
Processing Integration Results

RT: 0.99
Area: 5491
Amount: 0.420031
Amount Units: ug/L



Manual Integration Results

RT: 0.99
Area: 5599
Amount: 0.427410
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:39:03 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

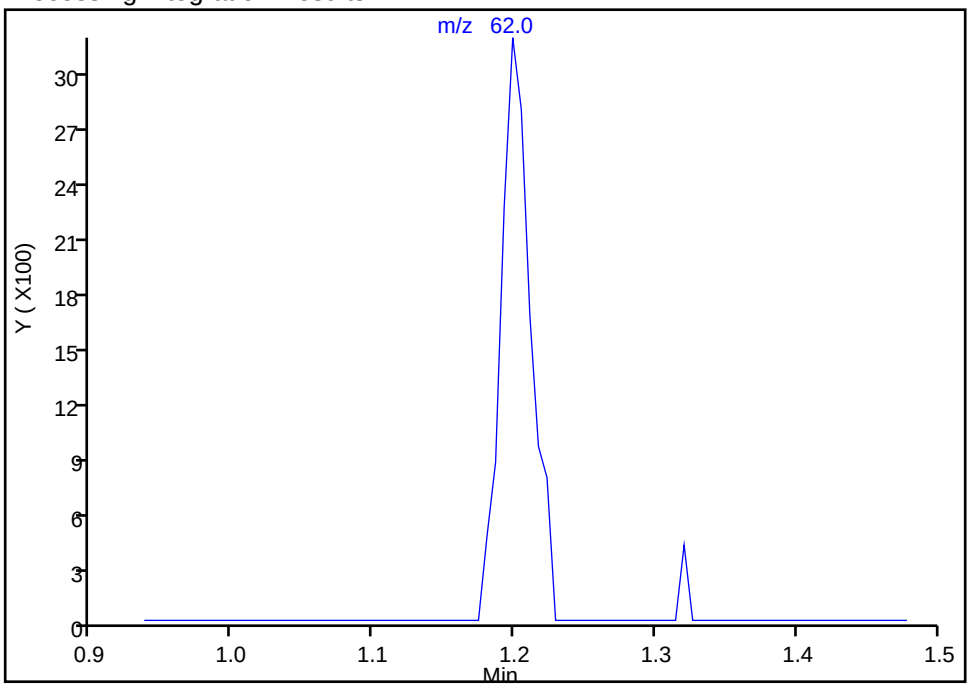
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

13 Vinyl chloride, CAS: 75-01-4

Signal: 1

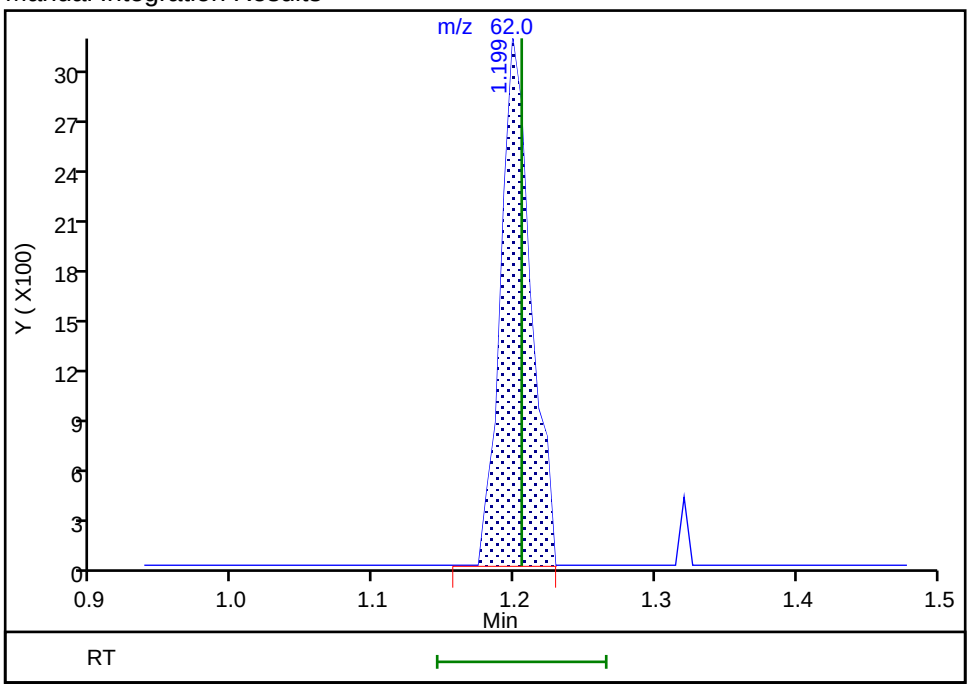
Not Detected
Expected RT: 1.21

Processing Integration Results



RT: 1.20
Area: 4628
Amount: 0.448529
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:39:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

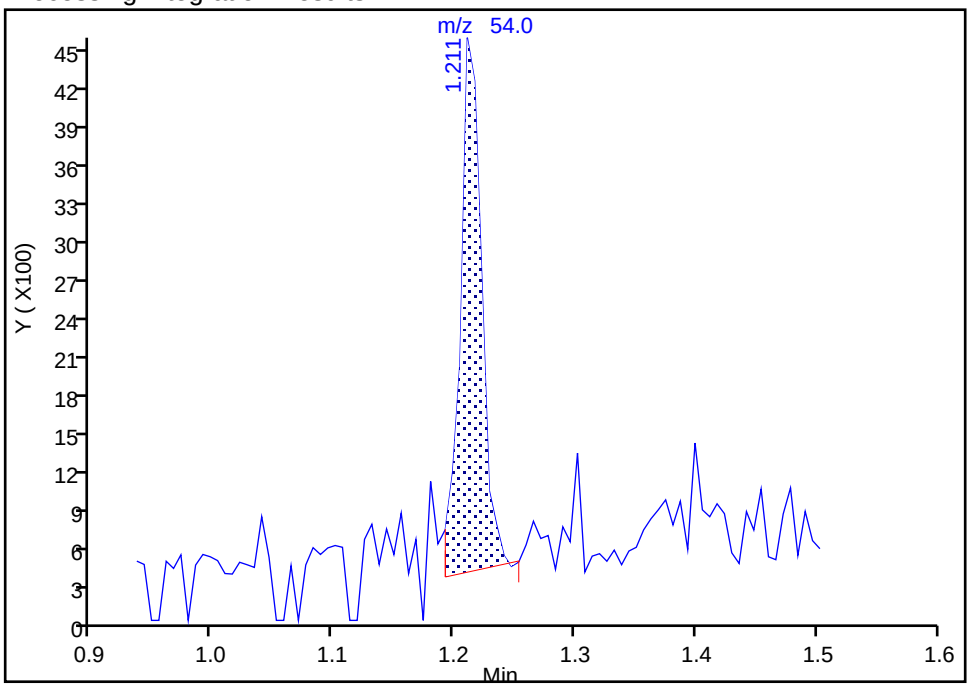
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

151 Butadiene, CAS: 106-99-0

Signal: 1

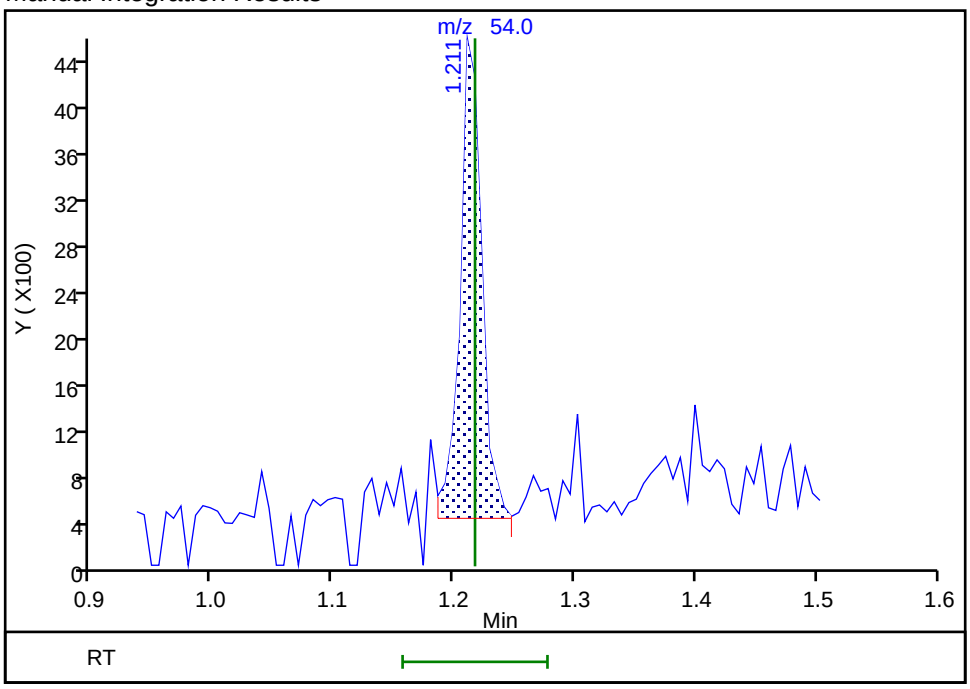
Processing Integration Results

RT: 1.21
Area: 5153
Amount: 0.442271
Amount Units: ug/L



Manual Integration Results

RT: 1.21
Area: 5140
Amount: 0.441278
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:39:43 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

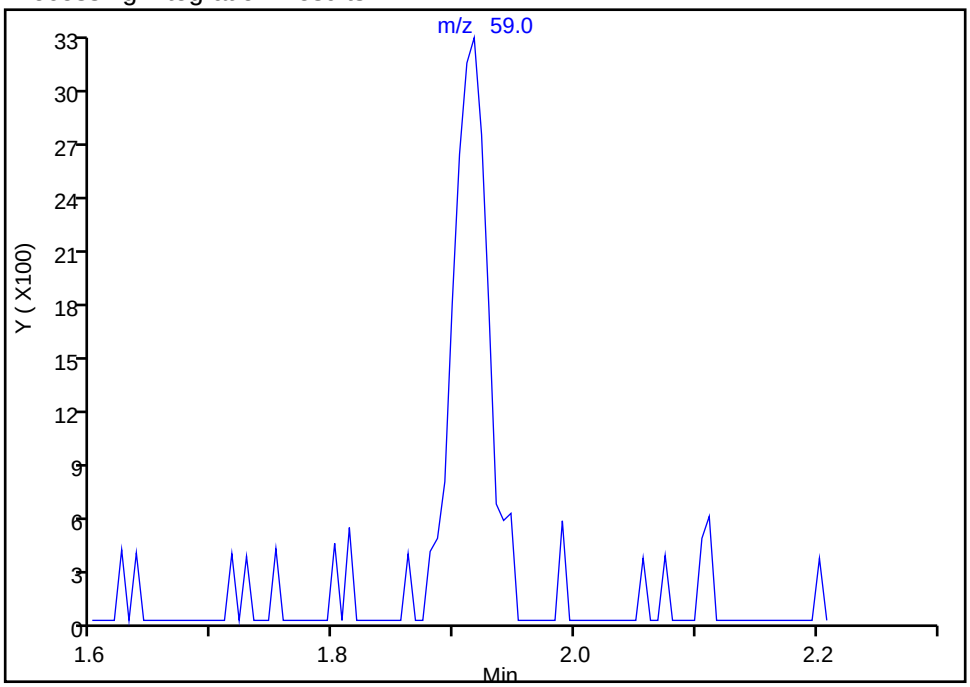
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

18 Ethyl ether, CAS: 60-29-7

Signal: 1

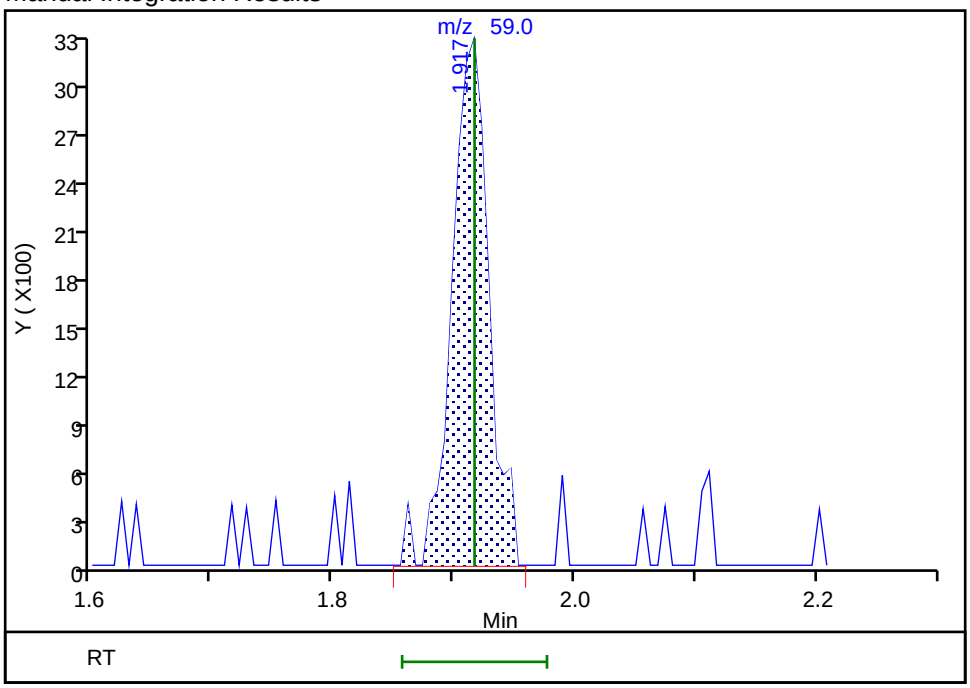
Not Detected
Expected RT: 1.92

Processing Integration Results



RT: 1.92
Area: 7003
Amount: 0.719177
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:39:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

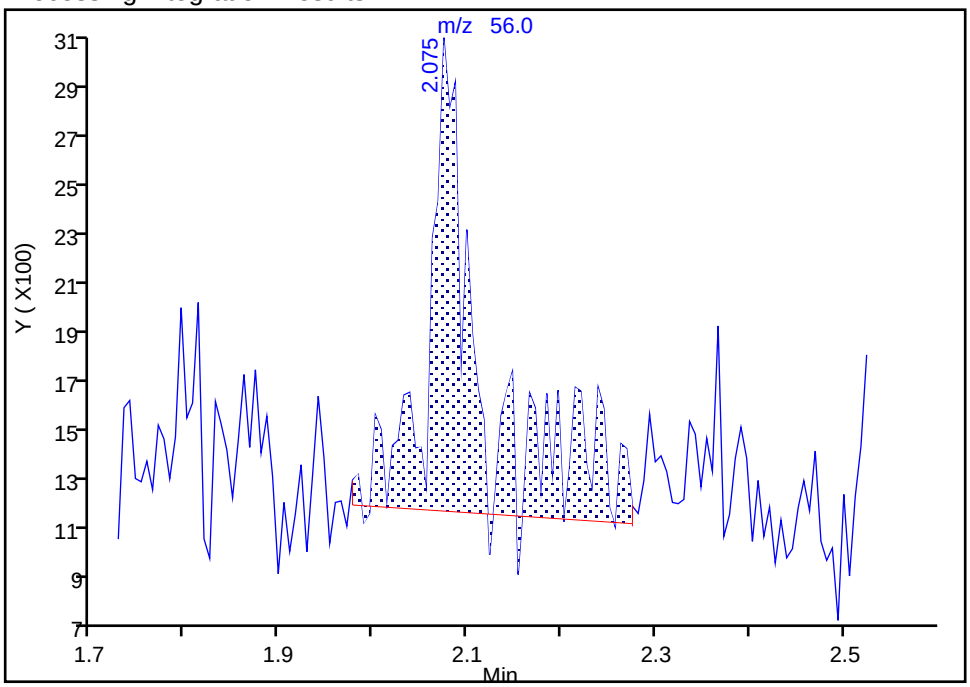
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

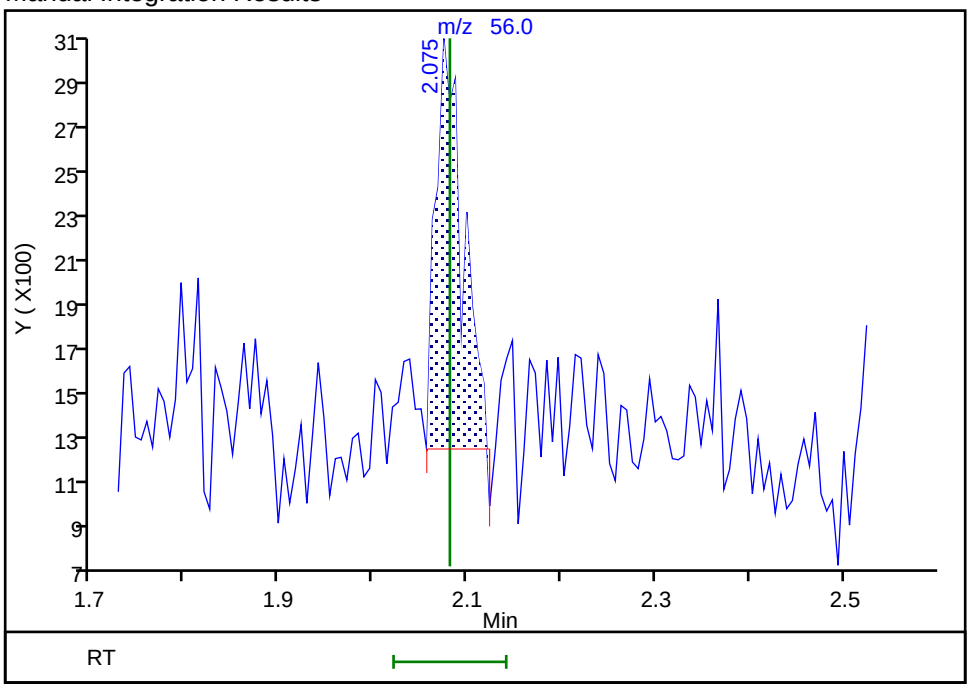
Processing Integration Results

RT: 2.07
Area: 7477
Amount: 2.608487
Amount Units: ug/L



Manual Integration Results

RT: 2.07
Area: 3581
Amount: 3.396301
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:21:41 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

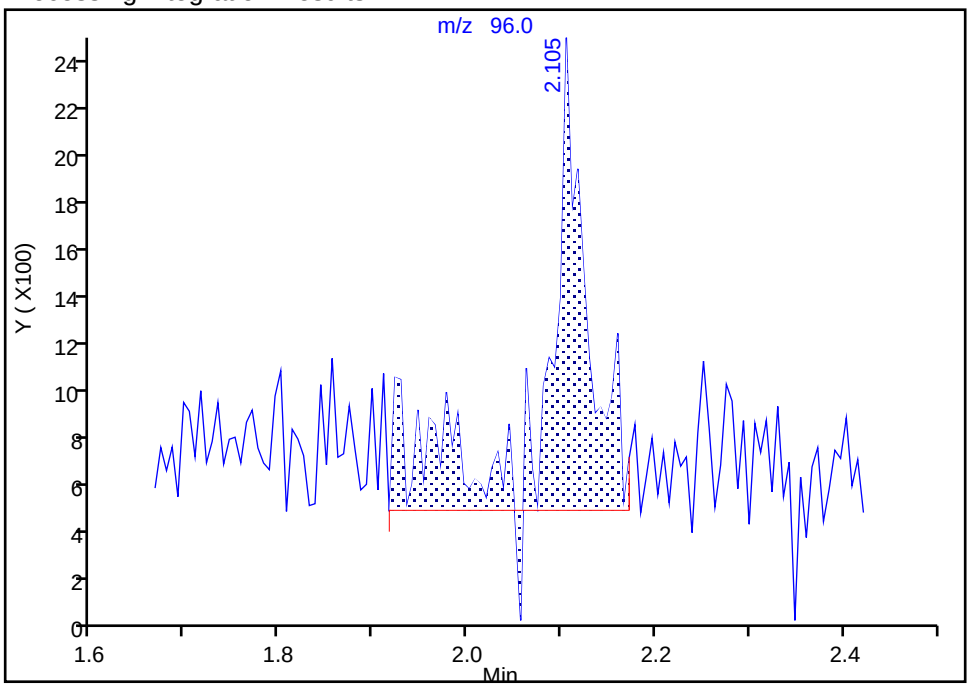
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

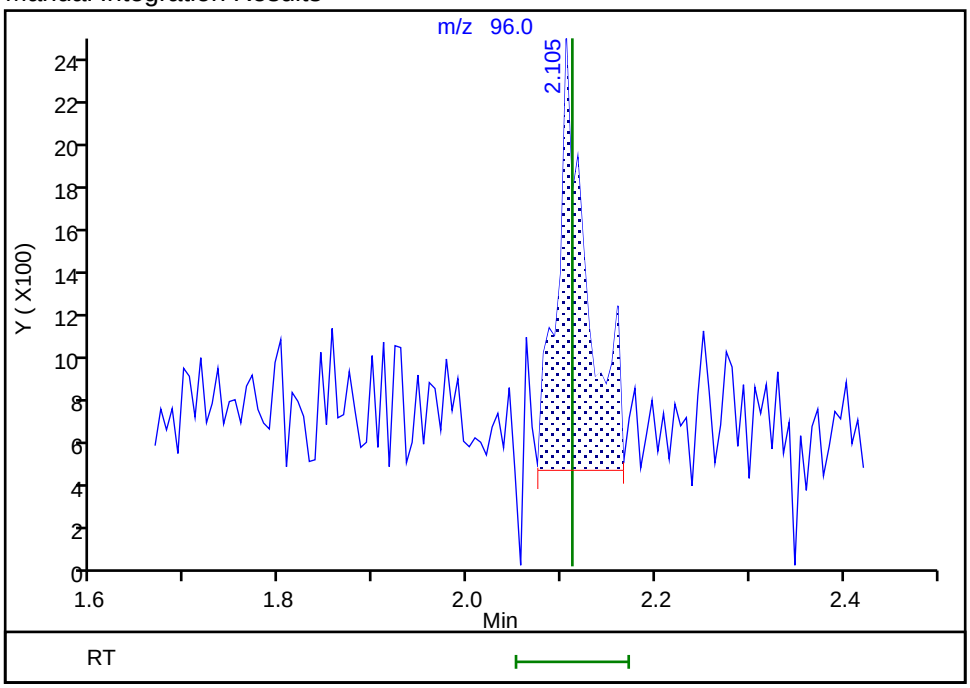
Processing Integration Results

RT: 2.11
Area: 6448
Amount: 0.571140
Amount Units: ug/L



Manual Integration Results

RT: 2.11
Area: 4365
Amount: 0.516352
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:29:22 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

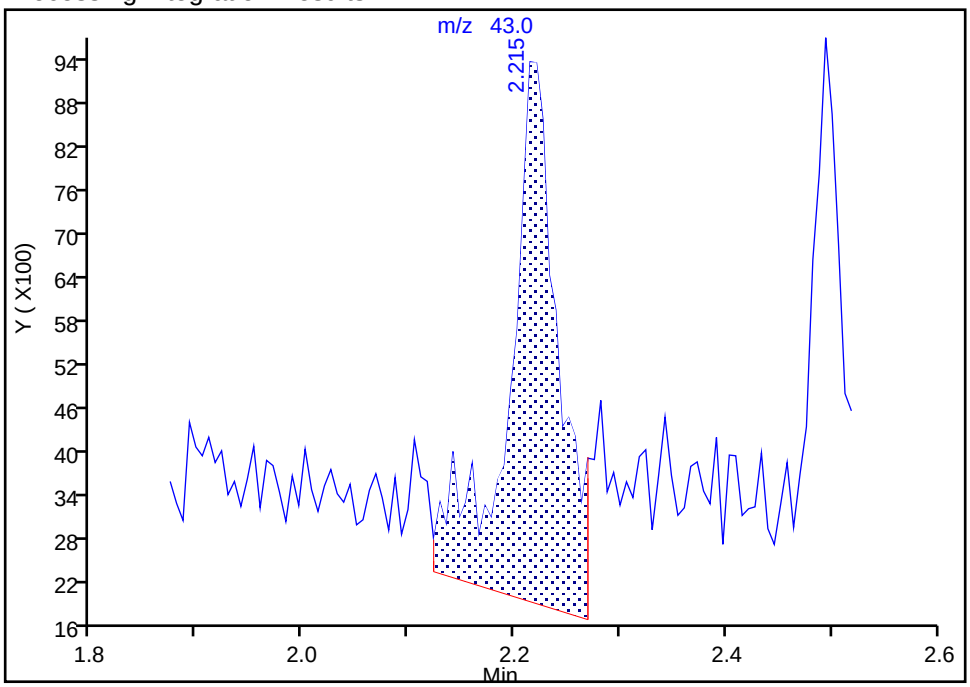
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

23 Acetone, CAS: 67-64-1

Signal: 1

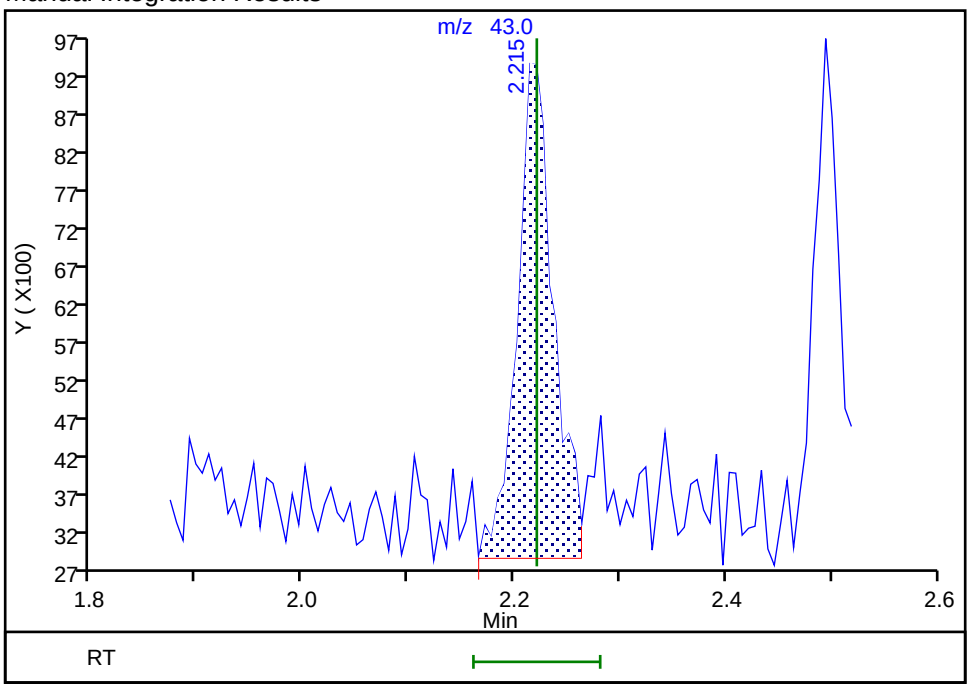
Processing Integration Results

RT: 2.21
Area: 24657
Amount: 5.178847
Amount Units: ug/L



Manual Integration Results

RT: 2.21
Area: 15562
Amount: 3.859352
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:44:16 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

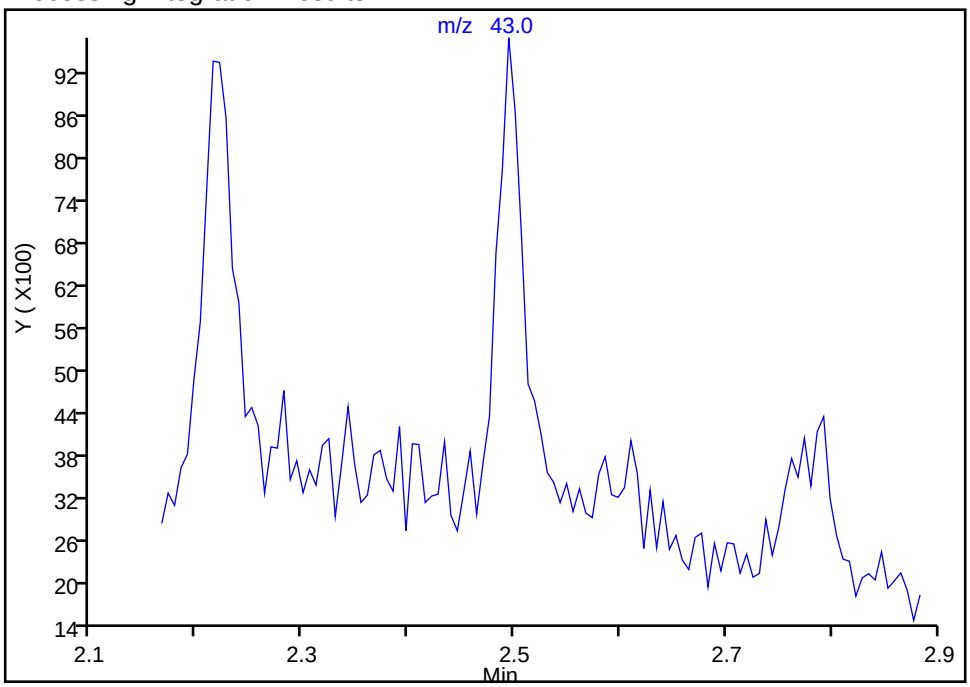
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

27 Methyl acetate, CAS: 79-20-9

Signal: 1

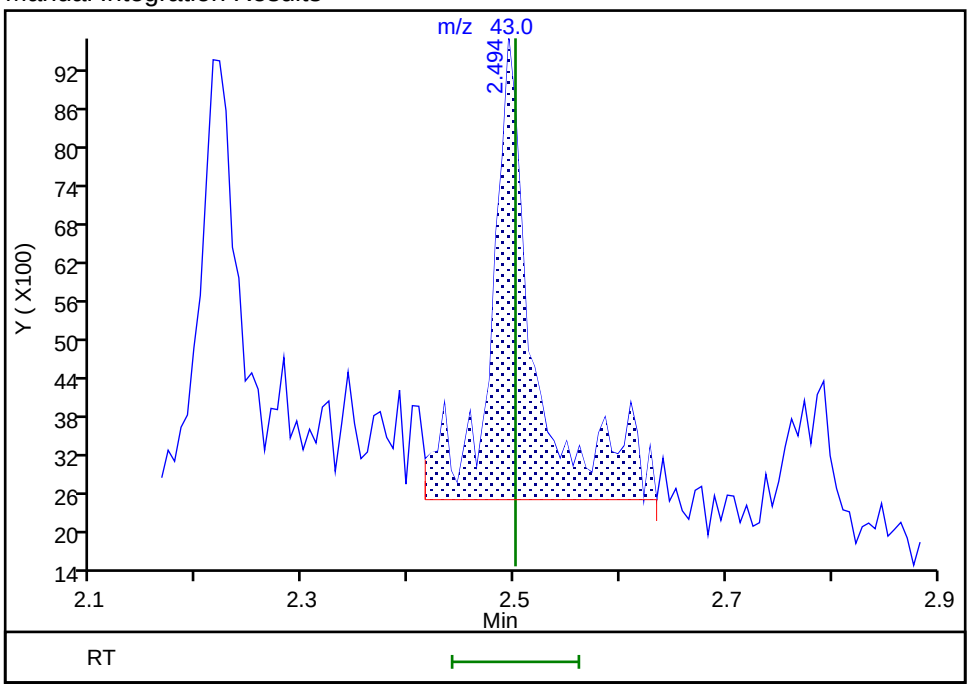
Not Detected
Expected RT: 2.50

Processing Integration Results



RT: 2.49
Area: 20847
Amount: 2.053536
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:44:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

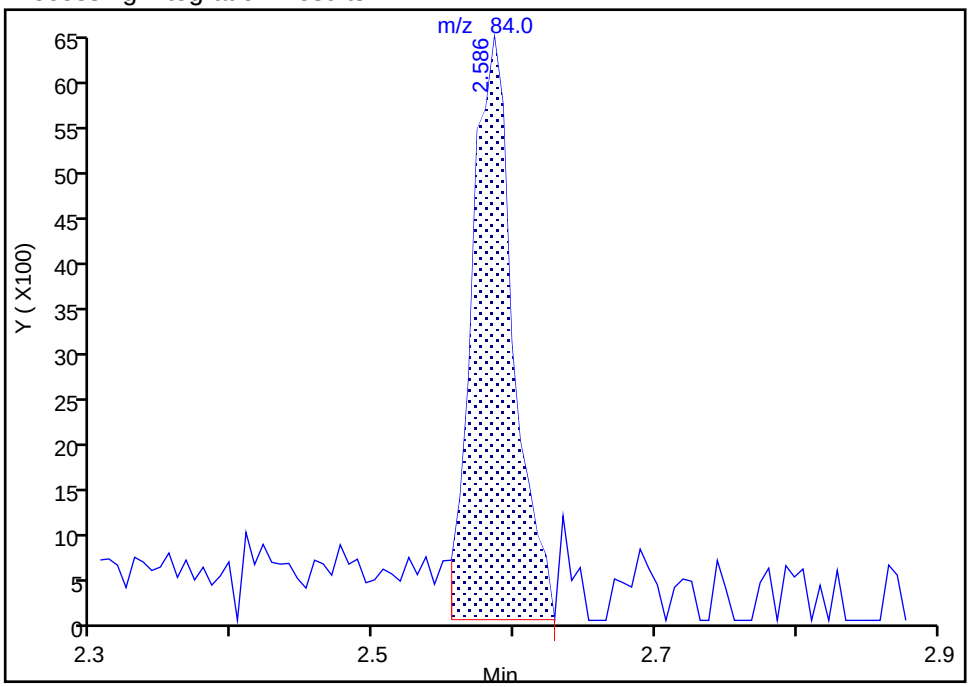
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

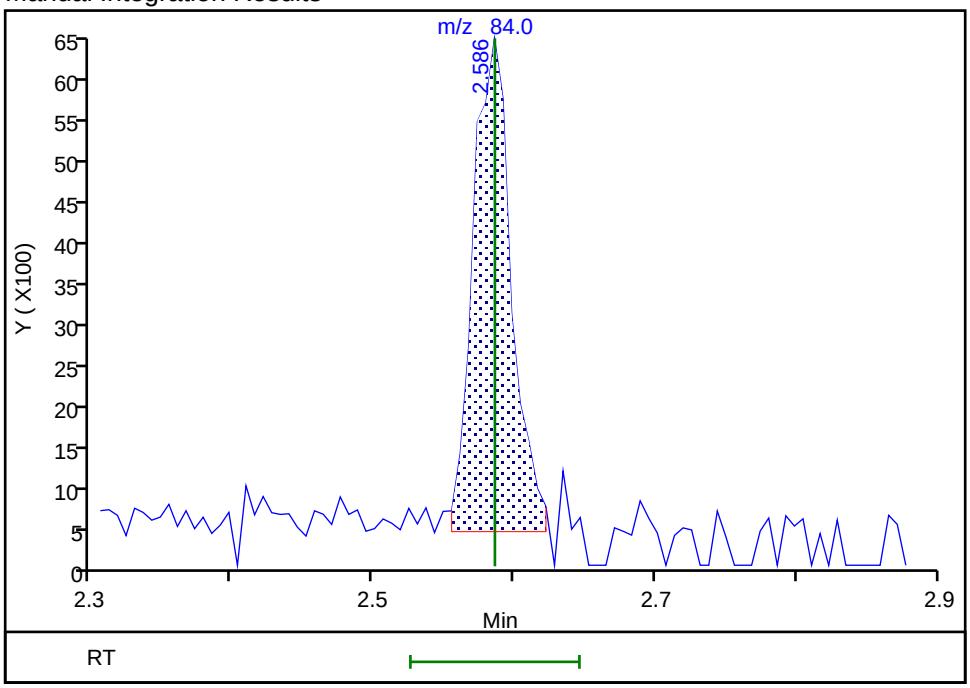
Processing Integration Results

RT: 2.59
Area: 13299
Amount: 0.979132
Amount Units: ug/L



Manual Integration Results

RT: 2.59
Area: 11481
Amount: 0.454387
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:36:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

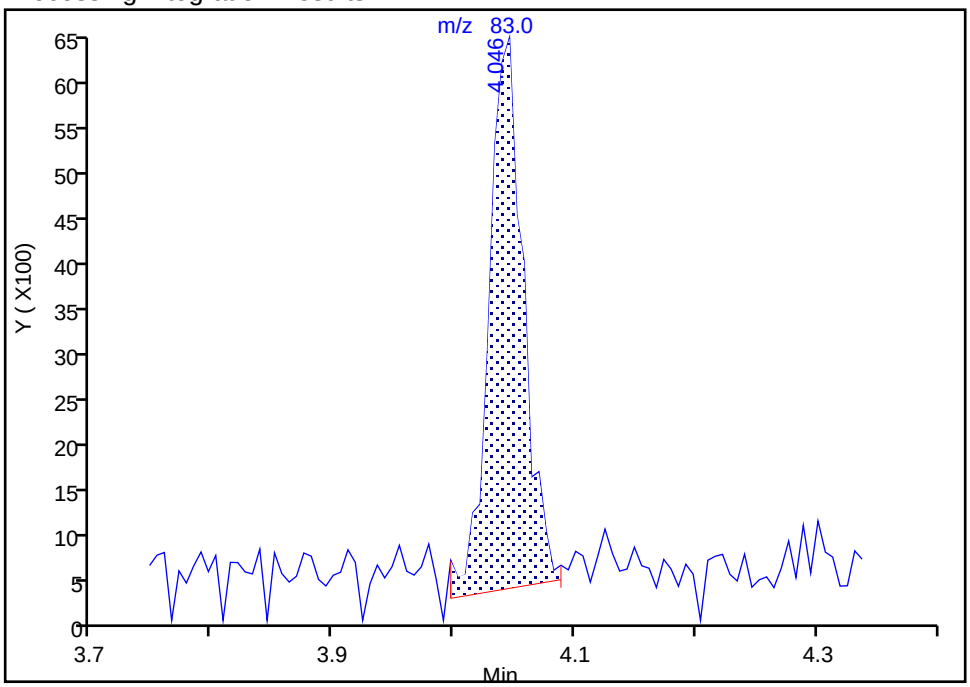
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

50 Chloroform, CAS: 67-66-3

Signal: 1

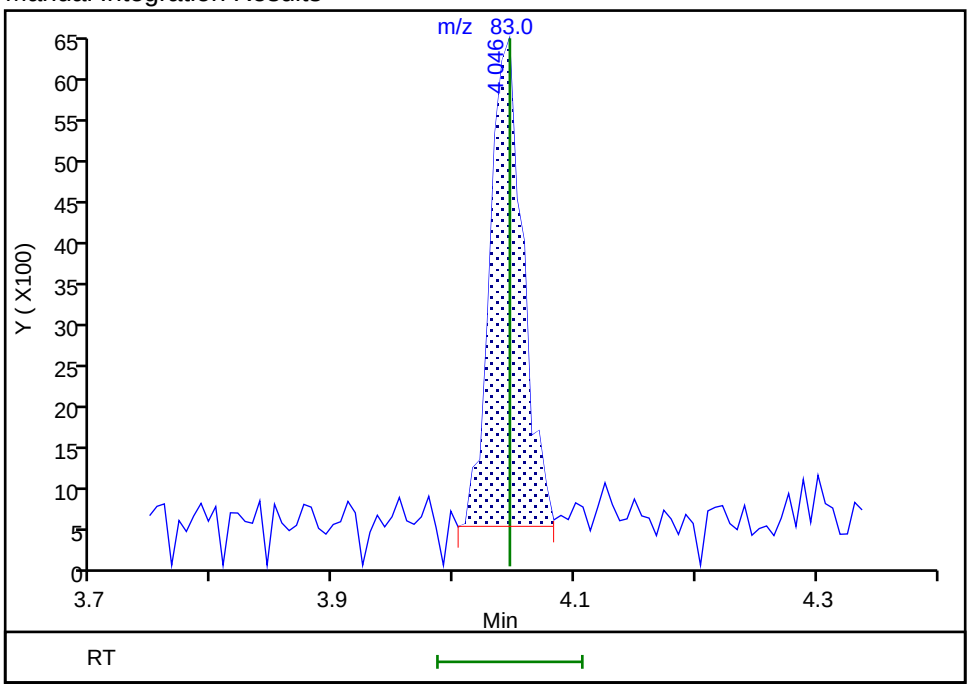
Processing Integration Results

RT: 4.05
Area: 12156
Amount: 0.618610
Amount Units: ug/L



Manual Integration Results

RT: 4.05
Area: 11281
Amount: 0.580545
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:44:53 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

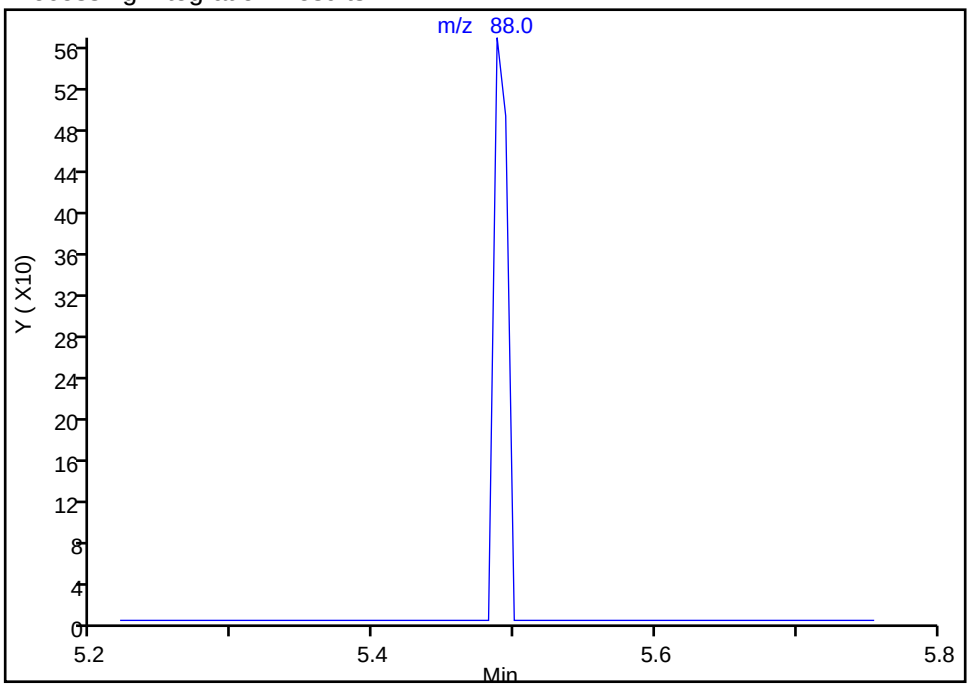
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

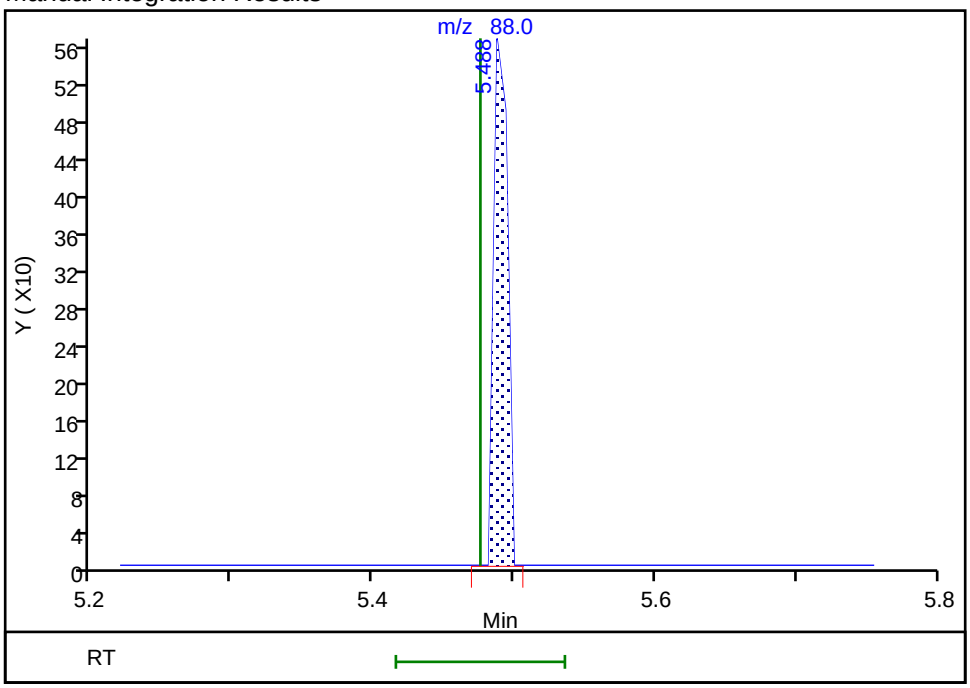
Processing Integration Results

Not Detected
Expected RT: 5.48



Manual Integration Results

RT: 5.49
Area: 385
Amount: 6.141559
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:45:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

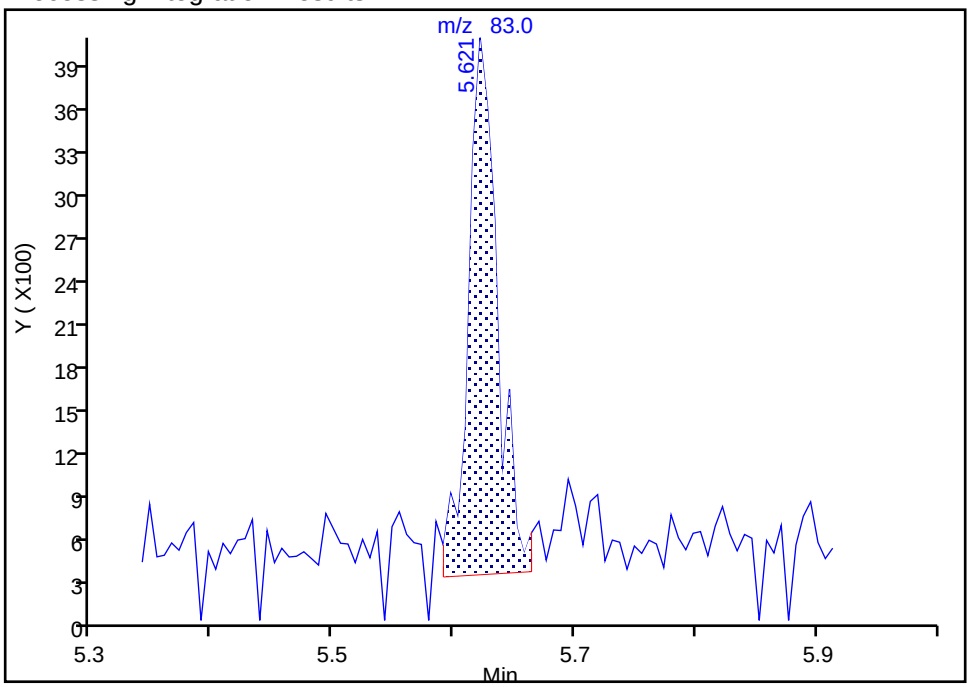
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

68 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

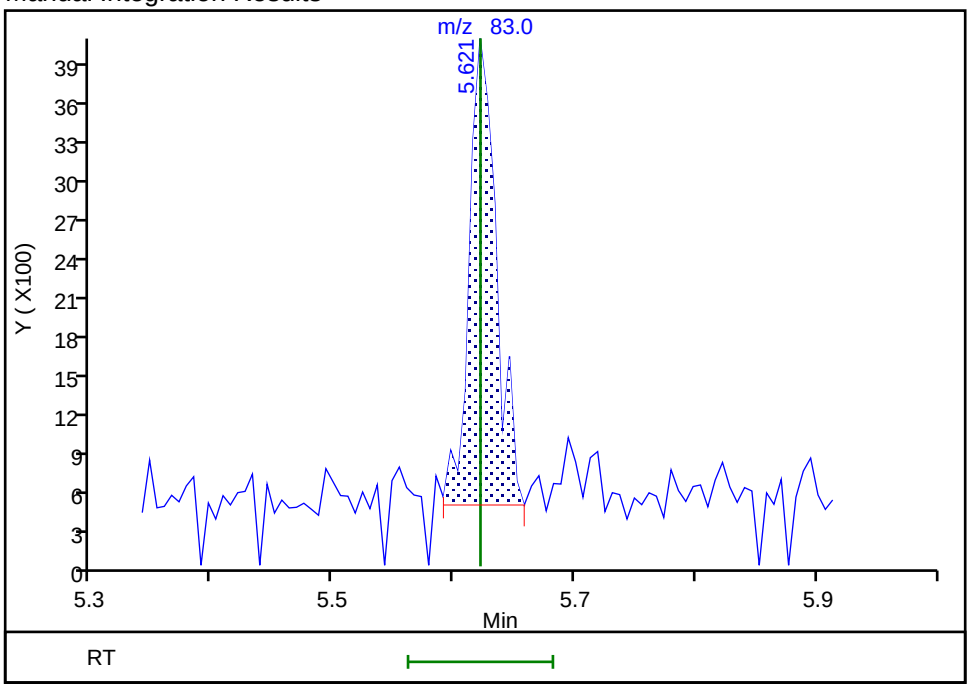
Processing Integration Results

RT: 5.62
Area: 6284
Amount: 0.520063
Amount Units: ug/L



Manual Integration Results

RT: 5.62
Area: 5570
Amount: 0.467885
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:45:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

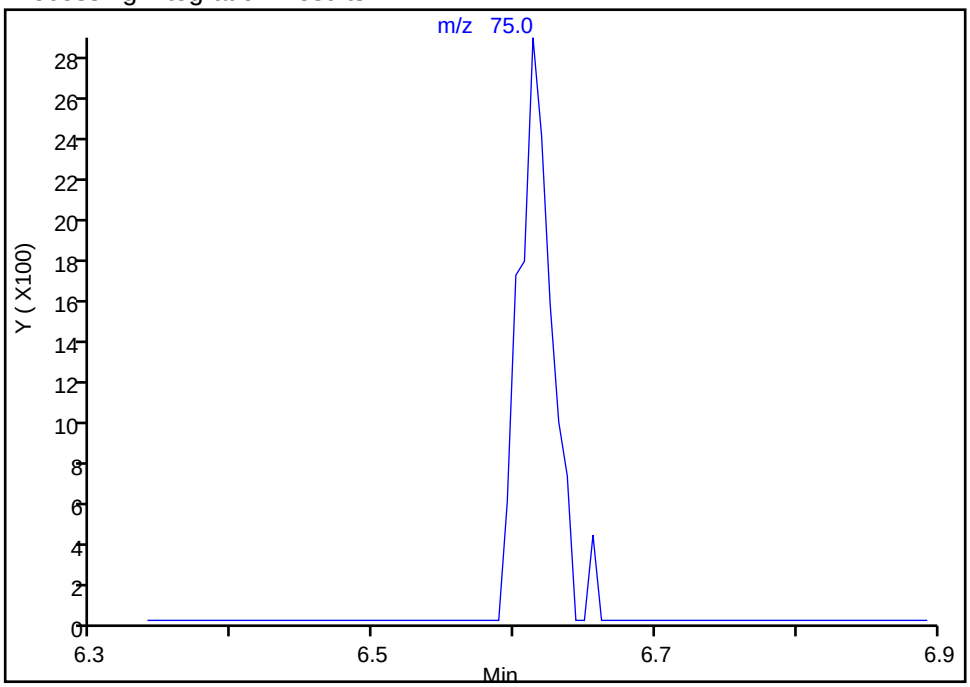
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

77 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

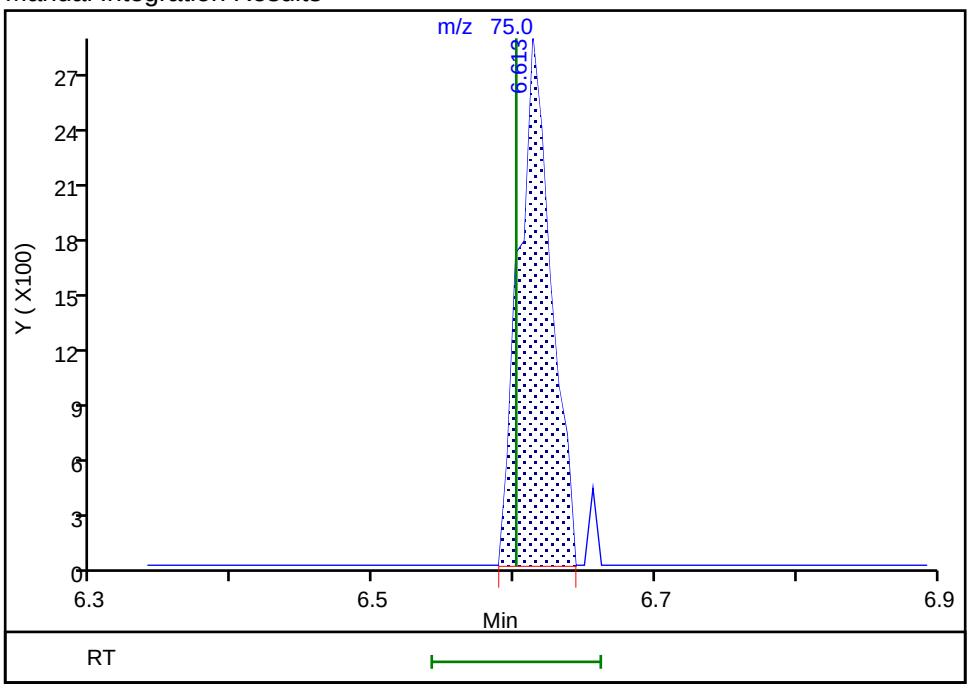
Not Detected
Expected RT: 6.60

Processing Integration Results



RT: 6.61
Area: 4484
Amount: 0.445858
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:45:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

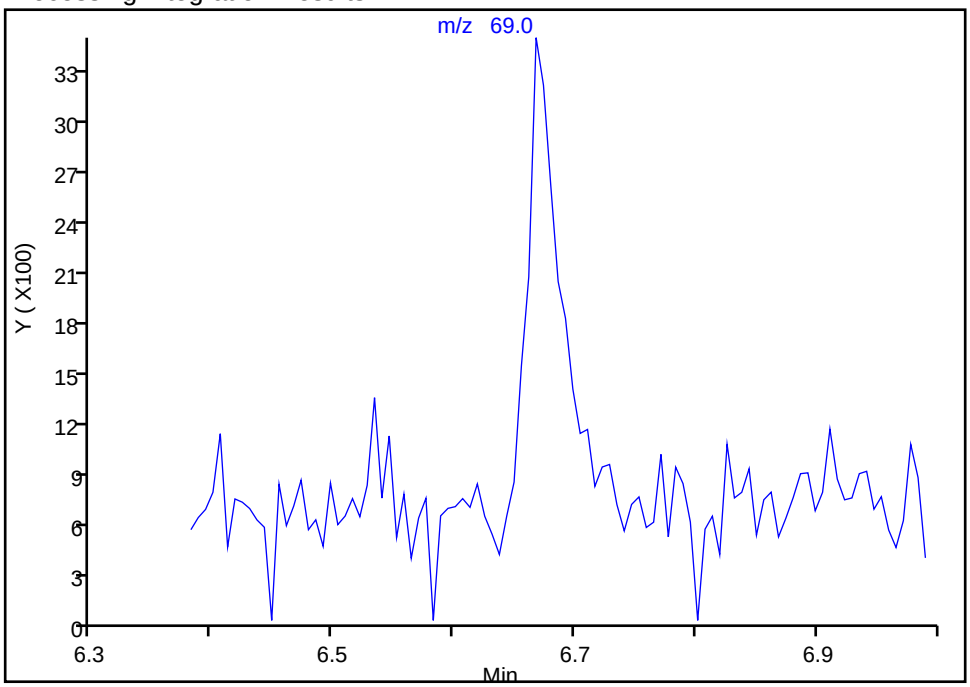
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

75 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

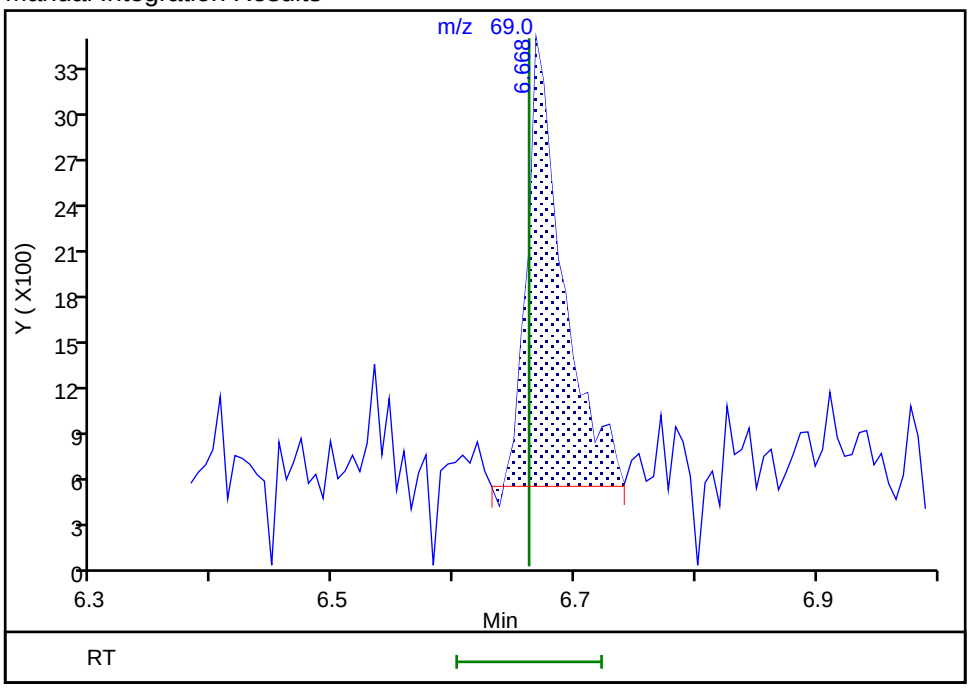
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.67
Area: 5997
Amount: 0.582133
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:45:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

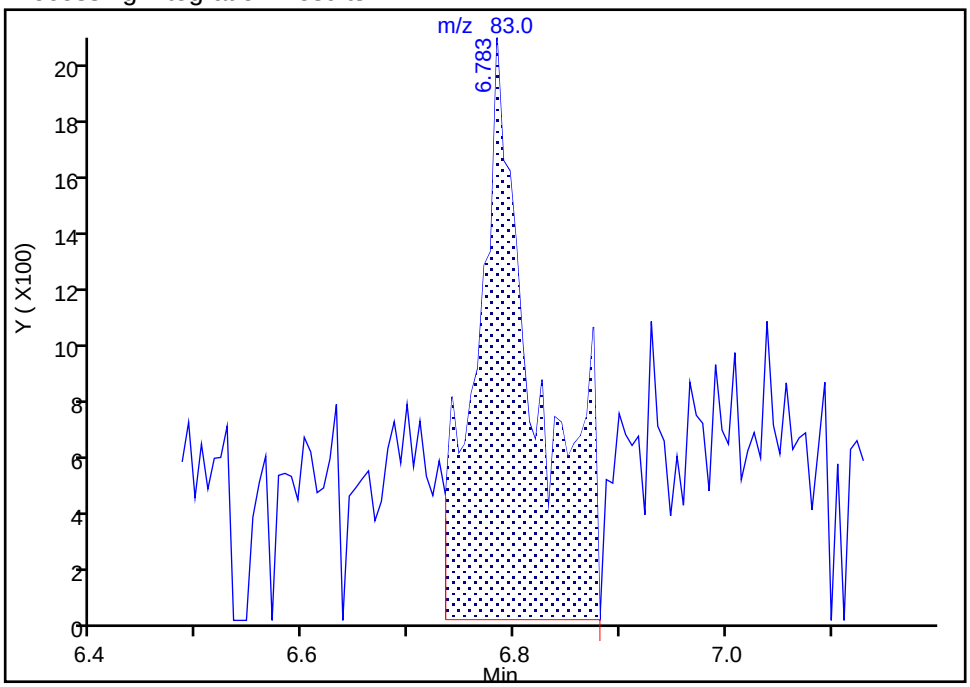
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

79 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

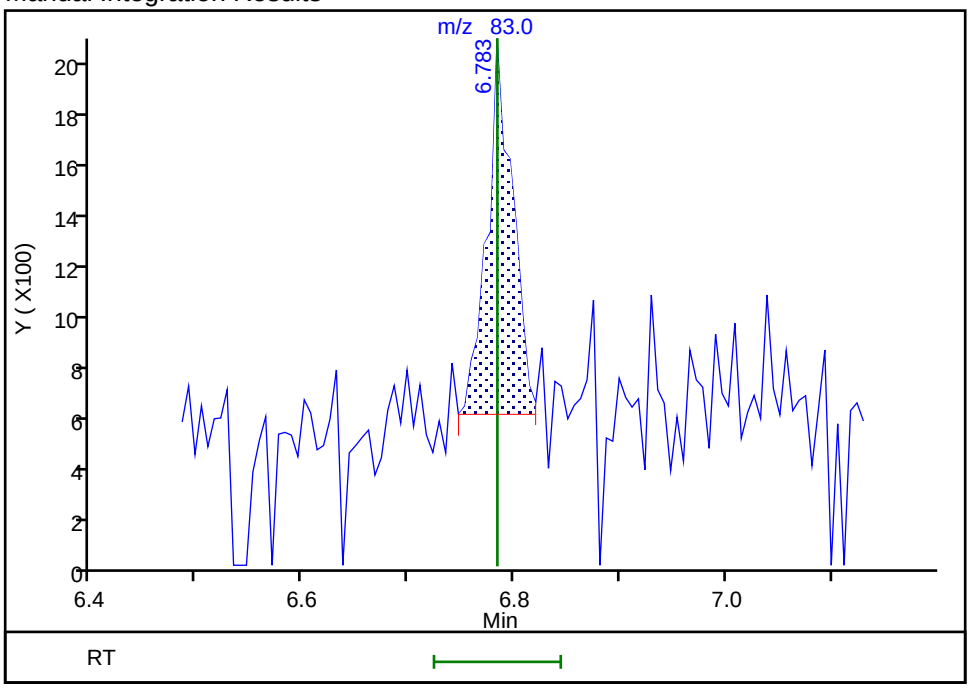
Processing Integration Results

RT: 6.78
Area: 8086
Amount: 1.173699
Amount Units: ug/L



Manual Integration Results

RT: 6.78
Area: 2486
Amount: 0.452878
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:43:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

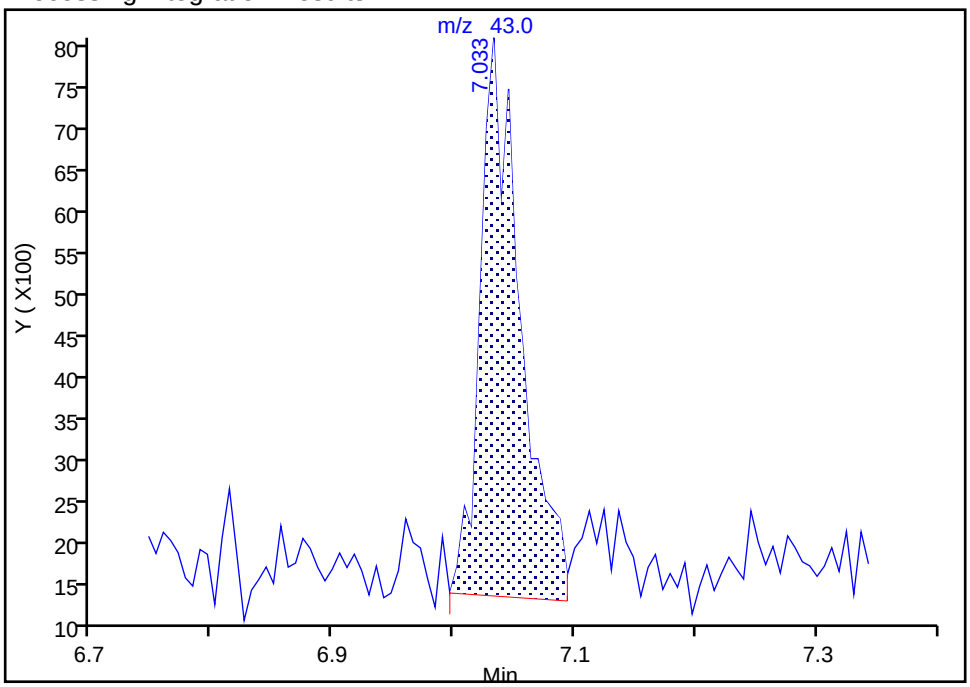
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

80 2-Hexanone, CAS: 591-78-6

Signal: 1

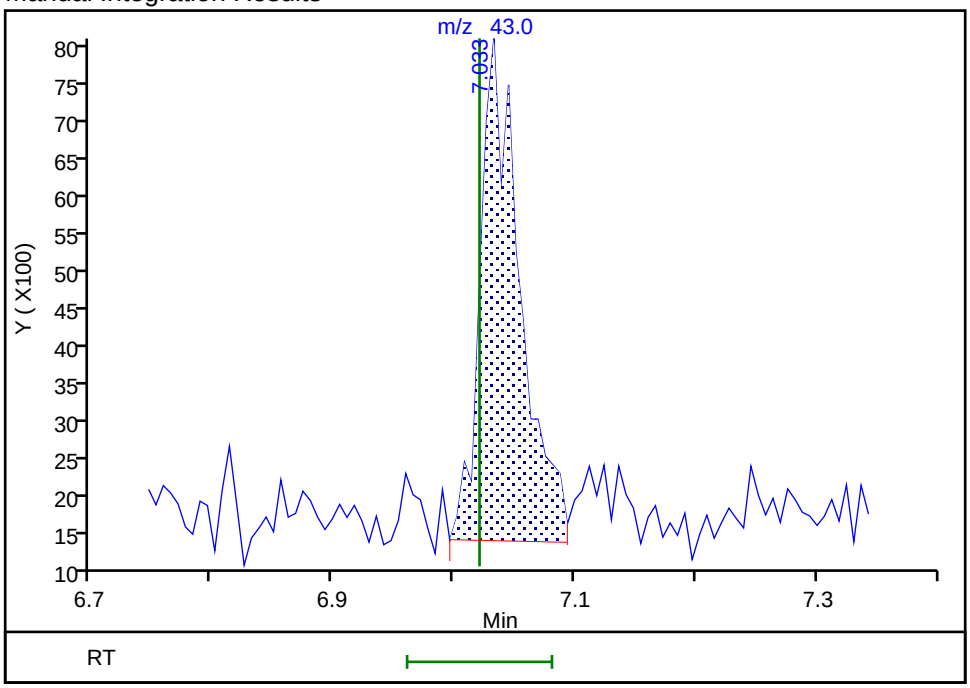
Processing Integration Results

RT: 7.03
Area: 15341
Amount: 2.684799
Amount Units: ug/L



Manual Integration Results

RT: 7.03
Area: 15087
Amount: 2.646229
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:46:16 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

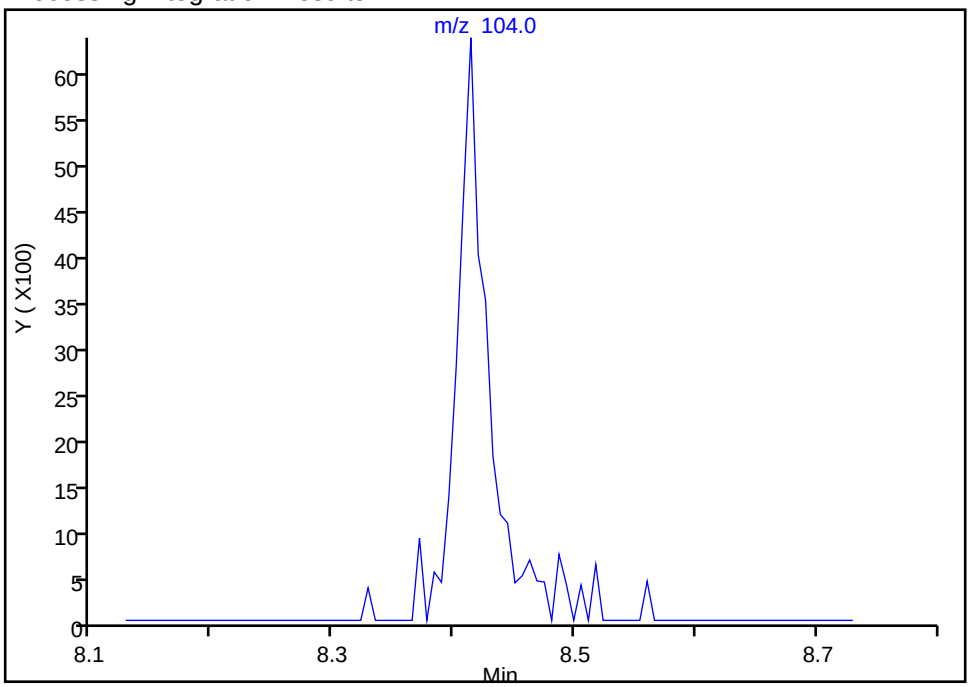
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

92 Styrene, CAS: 100-42-5

Signal: 1

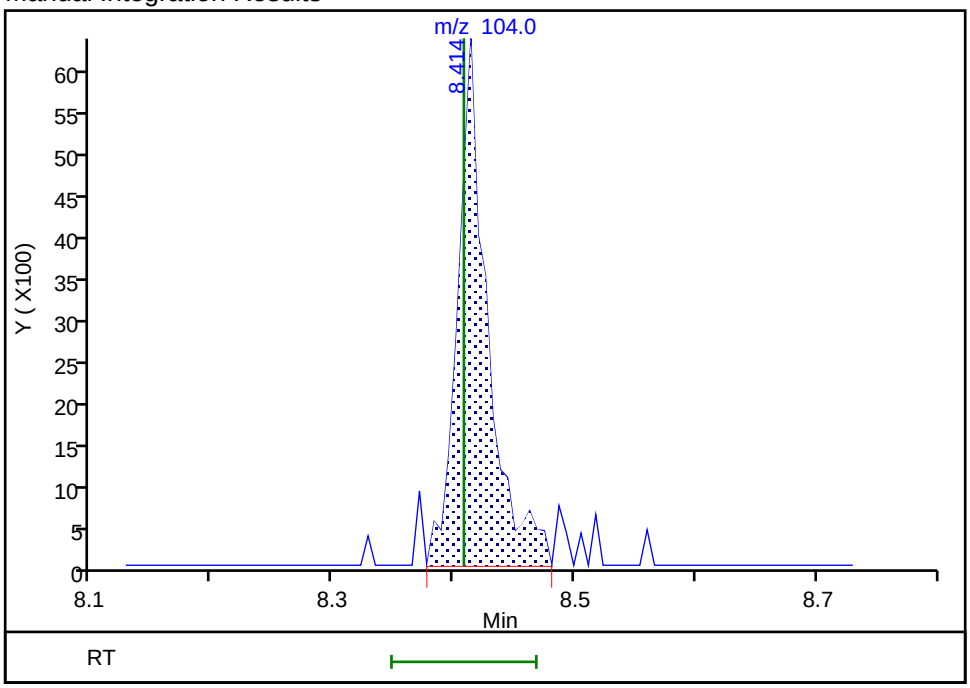
Not Detected
Expected RT: 8.41

Processing Integration Results



Manual Integration Results

RT: 8.41
Area: 10874
Amount: 0.486473
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:46:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

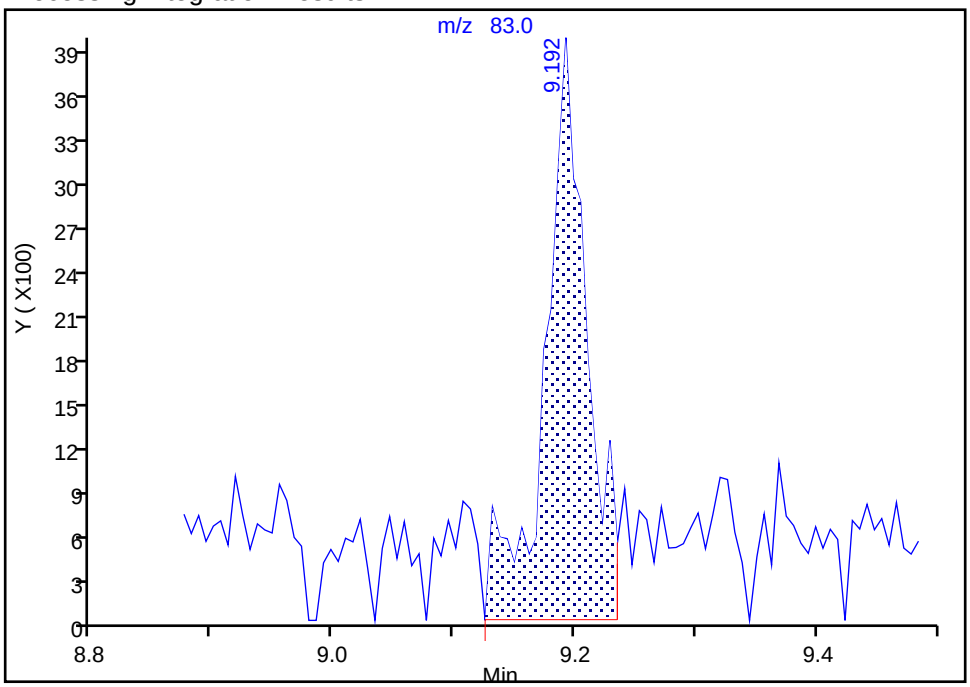
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

97 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

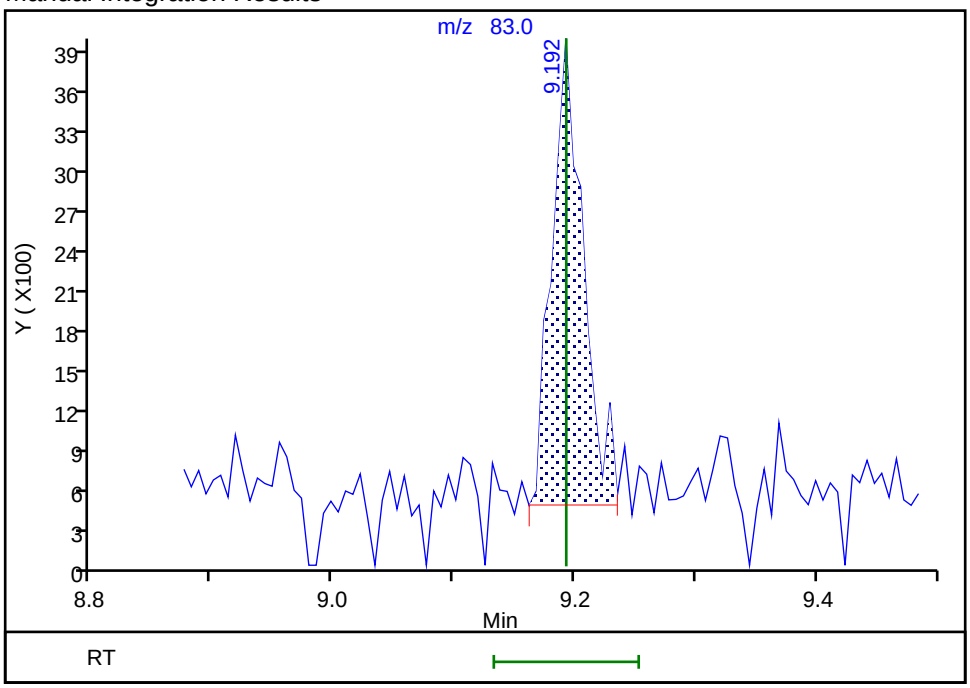
Processing Integration Results

RT: 9.19
Area: 9567
Amount: 0.808085
Amount Units: ug/L



Manual Integration Results

RT: 9.19
Area: 6349
Amount: 0.575372
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:47:08 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

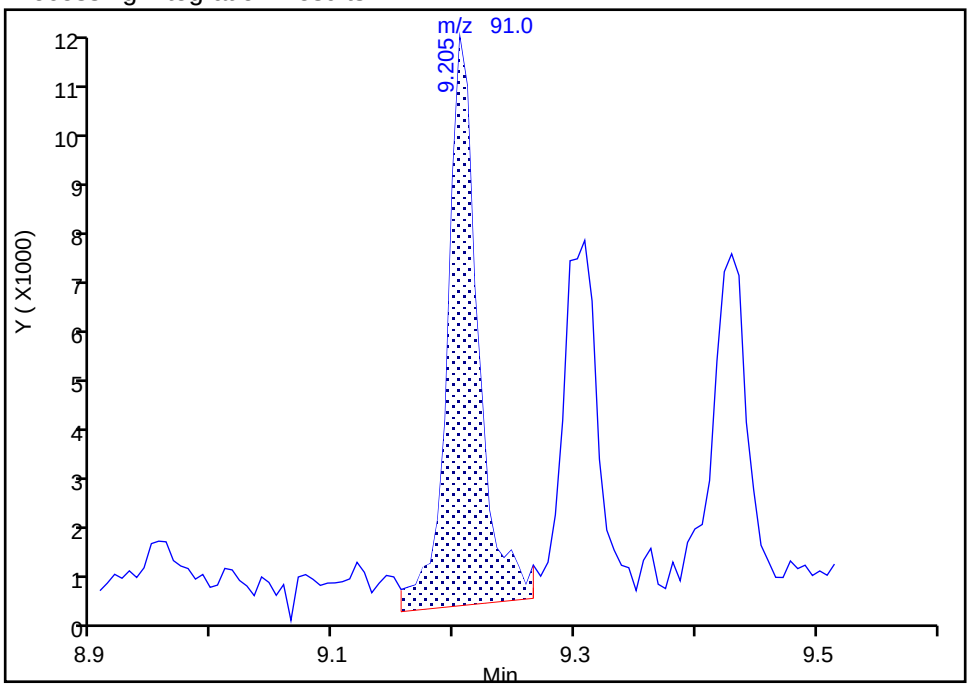
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

99 N-Propylbenzene, CAS: 103-65-1

Signal: 1

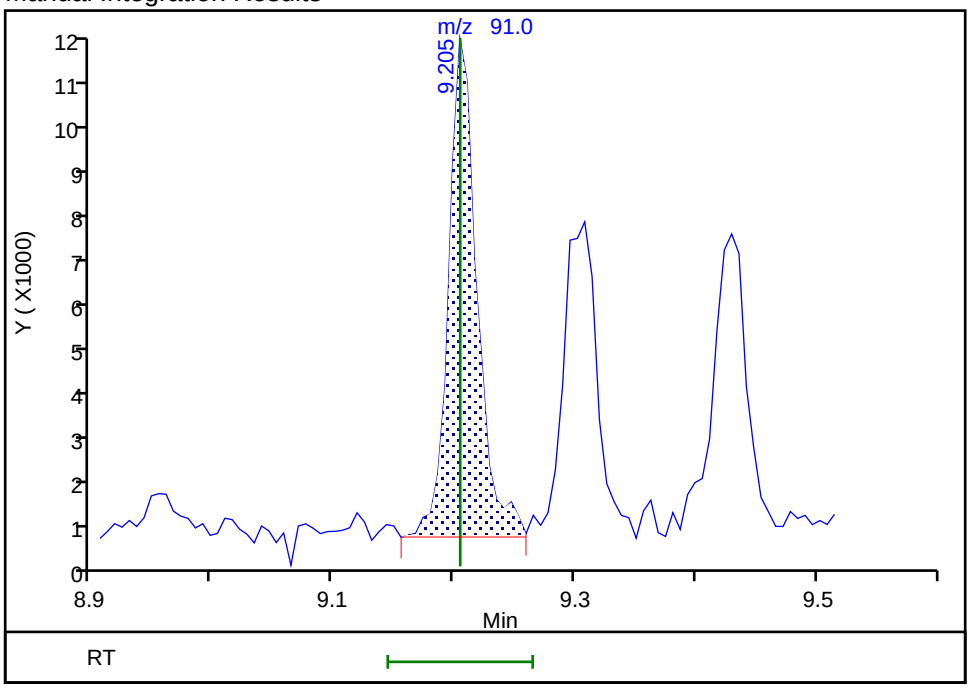
Processing Integration Results

RT: 9.20
Area: 20923
Amount: 0.457890
Amount Units: ug/L



Manual Integration Results

RT: 9.20
Area: 18692
Amount: 0.404202
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:46:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

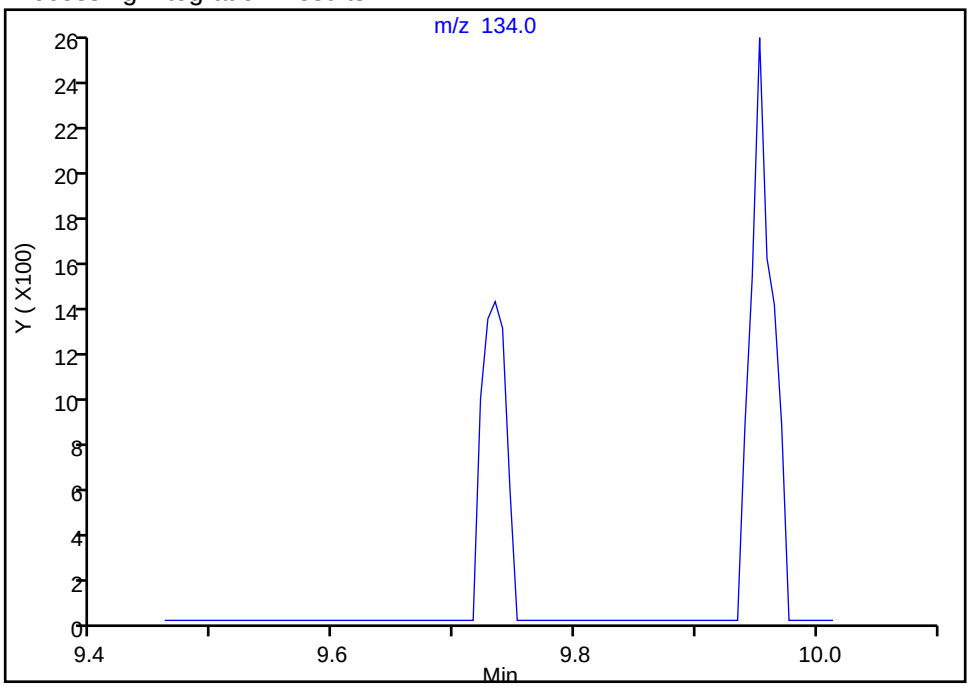
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

106 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

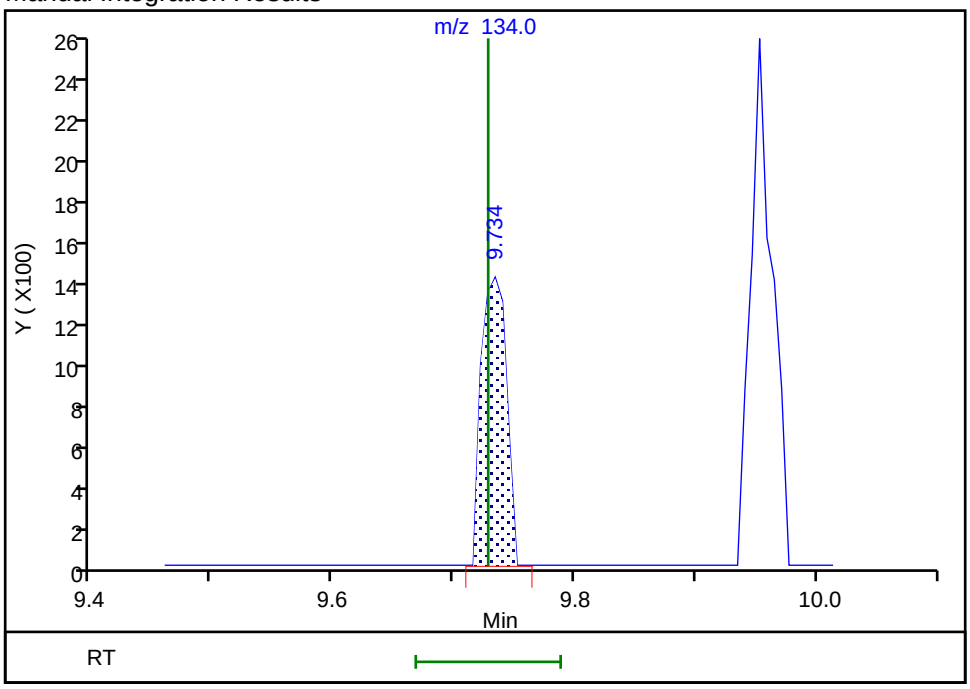
Not Detected
Expected RT: 9.73

Processing Integration Results



RT: 9.73
Area: 1994
Amount: 0.276034
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:48:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

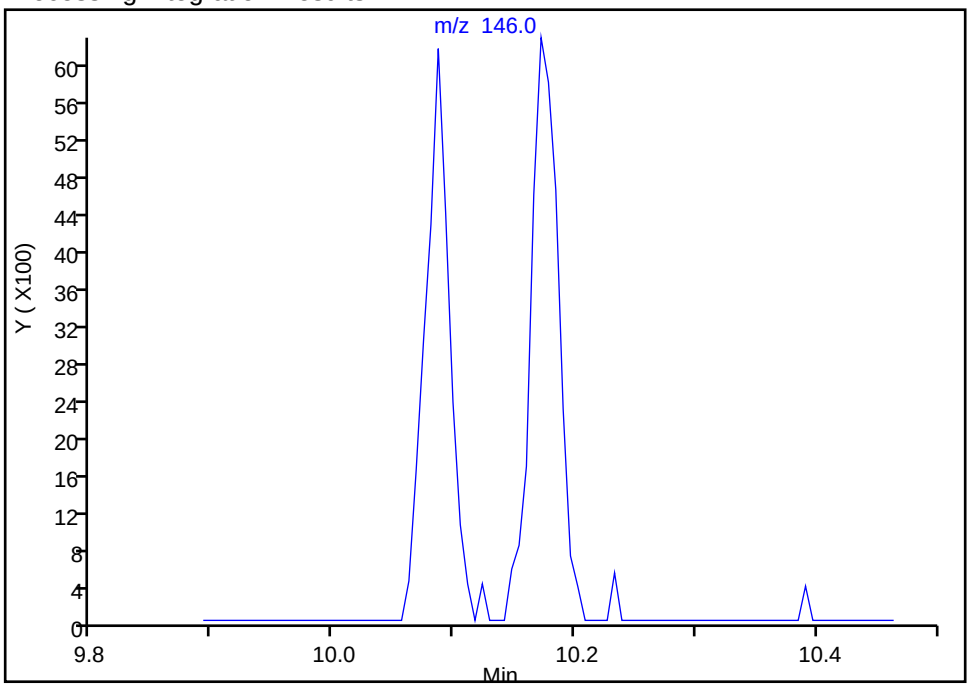
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

113 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

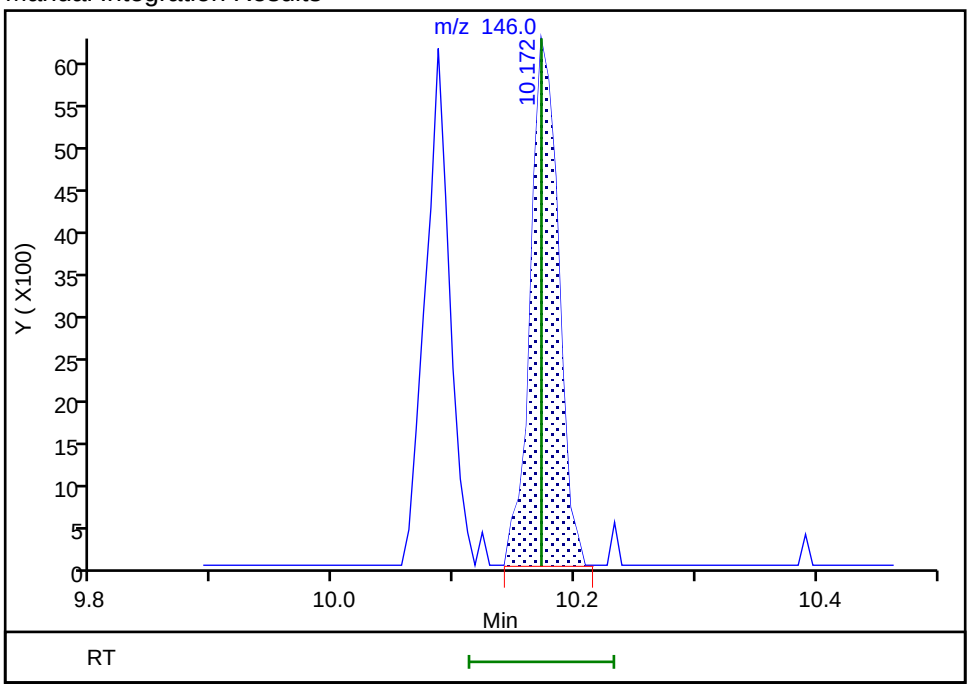
Processing Integration Results

Not Detected
Expected RT: 10.17



Manual Integration Results

RT: 10.17
Area: 10047
Amount: 0.515958
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:49:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

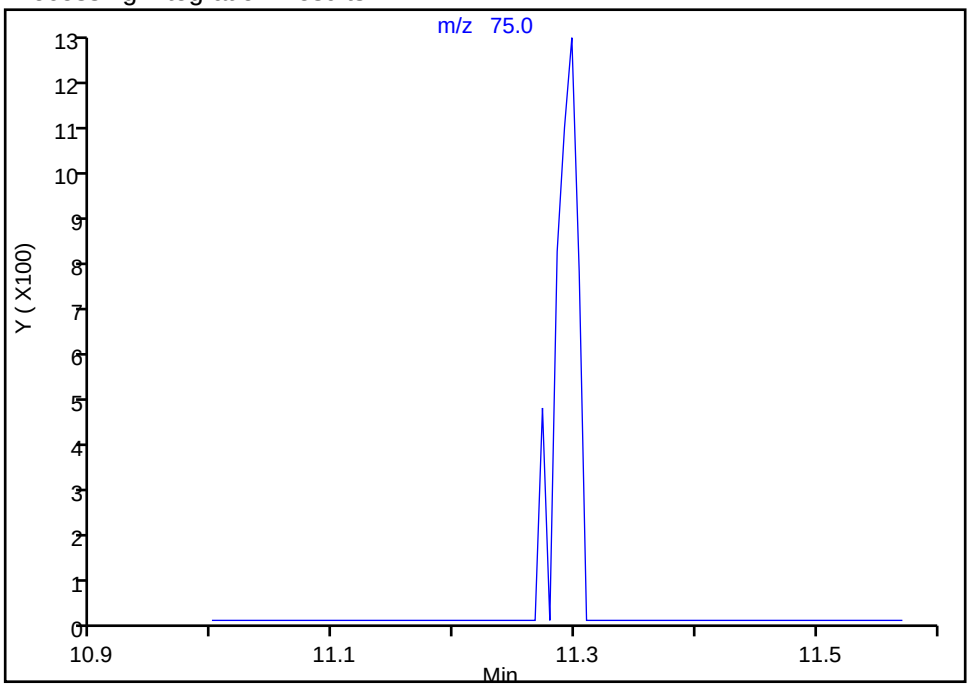
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8303.d				
Injection Date:	06-May-2024 16:50:30	Instrument ID:	HP5973S		
Lims ID:	IC 0.5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

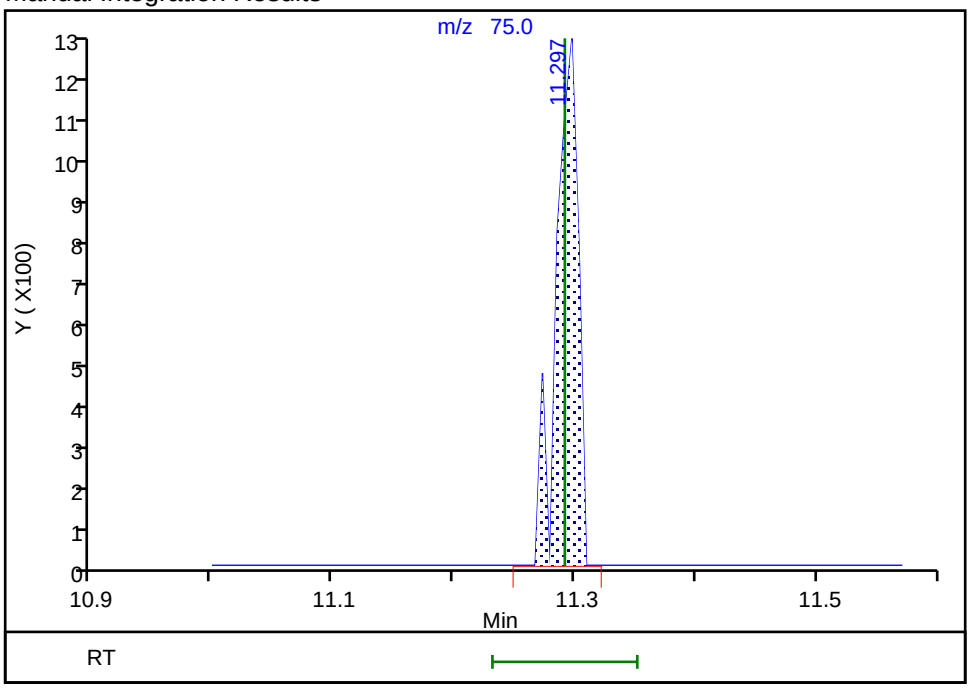
Processing Integration Results

Not Detected
Expected RT: 11.29



Manual Integration Results

RT: 11.30
Area: 1516
Amount: 0.529072
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:52:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-May-2024 17:13:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0117811-014
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:50:58 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:38:35

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	183767	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.702	0.006	85	312586	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	342953	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	64	261049	25.0	25.3	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	92	150887	25.0	24.9	
$ 5 Toluene-d8 (Surr)	98	6.248	6.242	0.006	82	762914	25.0	25.2	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	87	238229	25.0	25.6	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	79	17104	1.00	1.32	
12 Chloromethane	50	1.132	1.126	0.006	83	13138	1.00	1.05	
13 Vinyl chloride	62	1.199	1.205	-0.006	70	9992	1.00	0.9796	
151 Butadiene	54	1.217	1.217	0.000	92	11268	1.00	0.9785	M
14 Bromomethane	94	1.454	1.448	0.006	65	7424	1.00	1.09	
15 Chloroethane	64	1.509	1.509	0.000	60	7787	1.00	1.05	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	77	20224	1.00	1.10	
17 Trichlorofluoromethane	101	1.686	1.692	-0.006	42	12264	1.00	0.8557	
18 Ethyl ether	59	1.917	1.917	0.000	74	11377	1.00	1.18	a
20 Acrolein	56	2.075	2.081	-0.006	71	5967	5.00	5.72	M
22 1,1-Dichloroethene	96	2.105	2.111	-0.006	79	8026	1.00	0.9604	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.105	2.111	-0.006	35	8231	1.00	0.9880	
23 Acetone	43	2.227	2.221	0.006	94	20205	5.00	5.07	M
25 Iodomethane	142	2.251	2.251	0.000	88	16433	1.00	1.08	
26 Carbon disulfide	76	2.282	2.282	0.000	97	27733	1.00	1.00	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	81	20944	1.00	1.13	M
27 Methyl acetate	43	2.495	2.501	-0.006	94	24941	2.00	2.49	M
30 Methylene Chloride	84	2.586	2.586	0.000	81	15693	1.00	0.9061	M
31 2-Methyl-2-propanol	59	2.756	2.762	-0.006	85	16334	10.0	10.7	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	85	38651	1.00	1.05	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	87	10565	1.00	1.00	M
33 Acrylonitrile	53	2.860	2.860	0.000	94	52305	10.0	10.6	
35 Hexane	57	2.987	2.988	-0.001	83	11305	1.00	0.9097	

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	3.200	0.000	65	19874	1.00	1.10	
37 Vinyl acetate	43	3.261	3.261	0.000	97	39747	2.00	1.89	M
44 2,2-Dichloropropane	77	3.693	3.693	0.000	71	13743	1.00	1.14	
45 cis-1,2-Dichloroethene	96	3.742	3.736	0.006	45	14890	1.00	1.21	
43 2-Butanone (MEK)	43	3.784	3.778	0.006	92	23546	5.00	5.00	
48 Chlorobromomethane	128	3.961	3.961	0.000	84	5849	1.00	1.00	
49 Tetrahydrofuran	42	3.979	3.973	0.006	82	8350	2.00	2.30	
50 Chloroform	83	4.046	4.046	0.000	72	21319	1.00	1.11	M
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	73	15444	1.00	1.05	
52 Cyclohexane	56	4.137	4.137	0.000	81	18110	1.00	1.05	
55 Carbon tetrachloride	117	4.265	4.271	-0.006	65	13822	1.00	1.05	
54 1,1-Dichloropropene	75	4.295	4.289	0.006	74	11660	1.00	0.9605	
57 Benzene	78	4.490	4.484	0.006	43	38341	1.00	1.05	
53 Isobutyl alcohol	43	4.557	4.545	0.012	58	12476	25.0	24.1	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	67	14207	1.00	1.03	
59 n-Heptane	43	4.679	4.679	0.000	78	12395	1.00	1.10	
62 Trichloroethene	95	5.092	5.092	0.000	76	10111	1.00	1.06	
64 Methylcyclohexane	83	5.196	5.196	0.000	76	15647	1.00	0.9386	M
65 1,2-Dichloropropane	63	5.330	5.324	0.006	67	7941	1.00	0.9803	
67 Dibromomethane	93	5.457	5.464	-0.007	57	6913	1.00	1.11	
66 1,4-Dioxane	88	5.494	5.476	0.018	0	1370	20.0	21.9	M
68 Dichlorobromomethane	83	5.622	5.622	0.000	78	12850	1.00	1.09	
69 2-Chloroethyl vinyl ether	63	5.926	5.914	0.012	50	4084	1.00	0.9621	
72 cis-1,3-Dichloropropene	75	6.041	6.035	0.006	54	11121	1.00	0.9049	
73 4-Methyl-2-pentanone (MIBK)	43	6.194	6.187	0.007	93	54970	5.00	5.16	
74 Toluene	92	6.309	6.309	0.000	72	21630	1.00	1.08	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	62	9472	1.00	0.9436	
75 Ethyl methacrylate	69	6.668	6.662	0.006	73	9362	1.00	0.9104	
79 1,1,2-Trichloroethane	83	6.790	6.784	0.006	62	5662	1.00	1.03	M
81 Tetrachloroethene	166	6.826	6.826	0.000	79	8518	1.00	1.02	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	82	10619	1.00	0.9873	
80 2-Hexanone	43	7.033	7.021	0.012	92	30074	5.00	5.28	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	39	8129	1.00	1.06	
84 Ethylene Dibromide	107	7.264	7.258	0.006	73	6893	1.00	1.02	
87 Chlorobenzene	112	7.733	7.733	0.000	72	21576	1.00	1.03	
88 Ethylbenzene	91	7.836	7.830	0.006	89	38036	1.00	1.06	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	19	8813	1.00	1.02	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	87	14764	1.00	1.03	
91 o-Xylene	106	8.378	8.378	0.000	88	16548	1.00	1.04	
92 Styrene	104	8.408	8.408	0.000	87	23138	1.00	1.04	
95 Bromoform	173	8.645	8.645	0.000	49	5117	1.00	0.9647	
94 Isopropylbenzene	105	8.761	8.761	0.000	85	39881	1.00	0.9800	
101 Bromobenzene	156	9.101	9.102	-0.001	86	9364	1.00	0.9862	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	44	10397	1.00	0.9305	M
99 N-Propylbenzene	91	9.205	9.205	0.000	95	42524	1.00	0.9081	M
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	43	4962	1.00	1.24	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.241	0.006	60	4273	1.00	1.22	
103 2-Chlorotoluene	126	9.308	9.302	0.006	87	9602	1.00	0.9871	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	84	35284	1.00	0.99	
105 4-Chlorotoluene	126	9.424	9.424	0.000	77	9759	1.00	1.07	
106 tert-Butylbenzene	134	9.728	9.728	0.000	81	5991	1.00	0.8190	
107 1,2,4-Trimethylbenzene	105	9.795	9.789	0.006	51	36566	1.00	0.9836	

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	83	38355	1.00	0.9095	M
111 1,3-Dichlorobenzene	146	10.087	10.081	0.006	89	18422	1.00	0.9626	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	90	38129	1.00	0.9694	
113 1,4-Dichlorobenzene	146	10.178	10.172	0.006	19	20253	1.00	1.03	
115 n-Butylbenzene	91	10.507	10.507	0.000	84	35525	1.00	1.03	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	84	20317	1.00	0.99	
117 1,2-Dibromo-3-Chloropropane	75	11.298	11.292	0.006	26	2767	1.00	0.9537	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	77	17656	1.00	1.05	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	72	6582	1.00	1.02	
121 Naphthalene	128	12.186	12.180	0.006	92	54908	1.00	1.04	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	86	16649	1.00	1.00	
S 125 1,2-Dichloroethene, Total	1				0			2.21	
S 123 Total BTEX	1				0			5.27	
S 126 1,3-Dichloropropene, Total	1				0			1.85	
S 124 Xylenes, Total	1				0			2.08	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00254	Amount Added:	1.00	Units: uL	
GAS CORP mix_00618	Amount Added:	1.00	Units: uL	
S_8260_IS_00388	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:50:59 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d

Injection Date: 06-May-2024 17:13:30 Instrument ID: HP5973S Operator ID: ZN

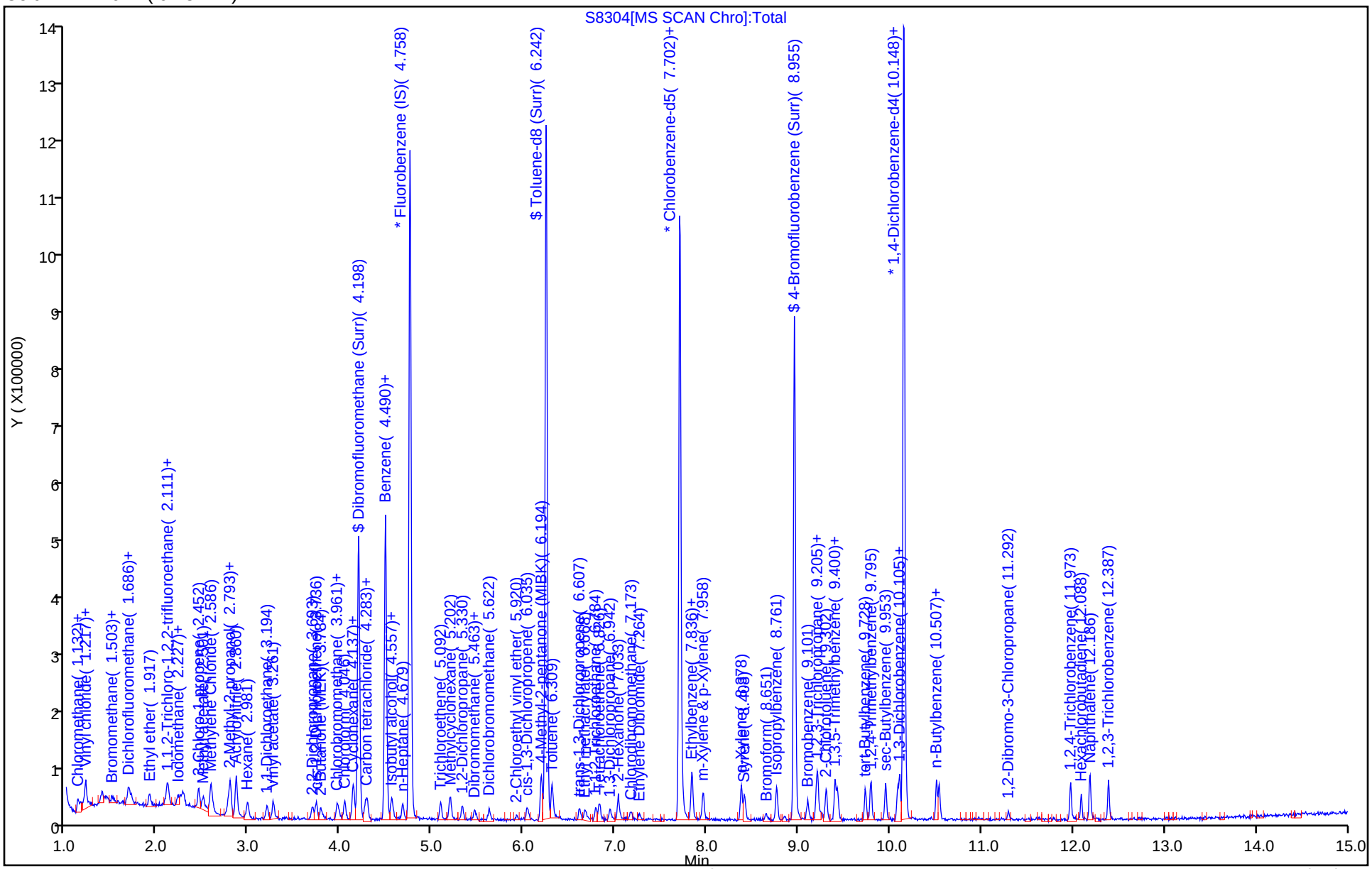
Lims ID: IC Worklist Smp#: 14

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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

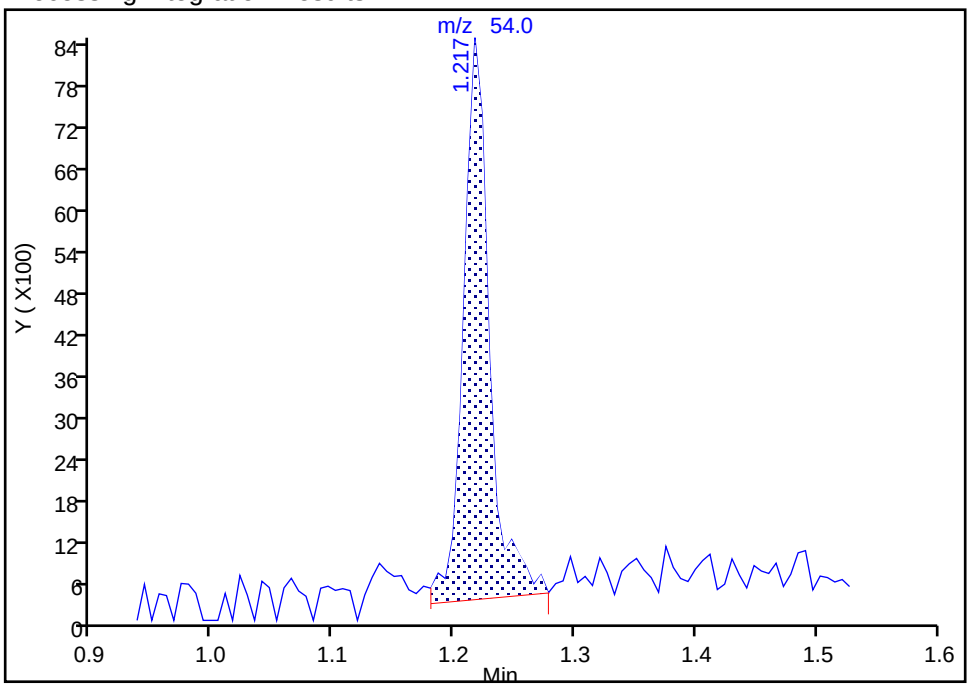
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

151 Butadiene, CAS: 106-99-0

Signal: 1

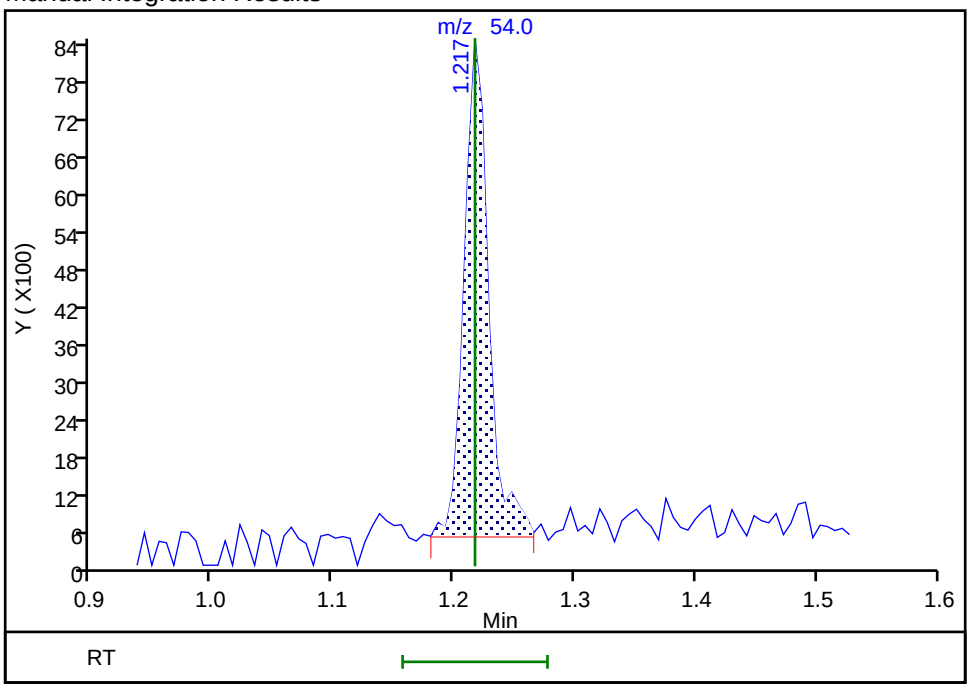
Processing Integration Results

RT: 1.22
Area: 12162
Amount: 1.042098
Amount Units: ug/L



Manual Integration Results

RT: 1.22
Area: 11268
Amount: 0.978532
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:32:50 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

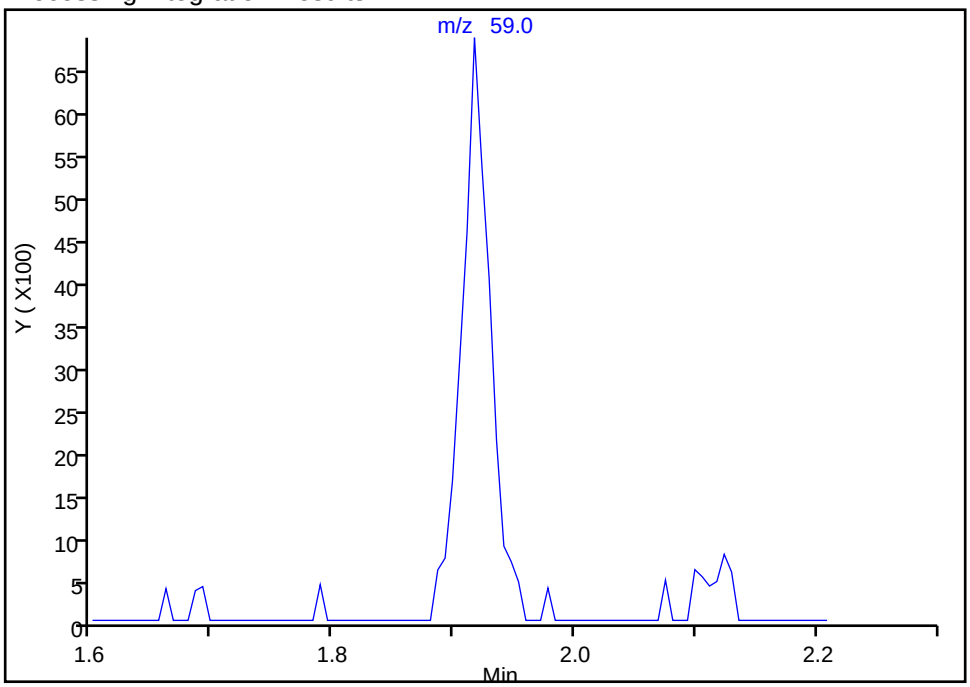
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

18 Ethyl ether, CAS: 60-29-7

Signal: 1

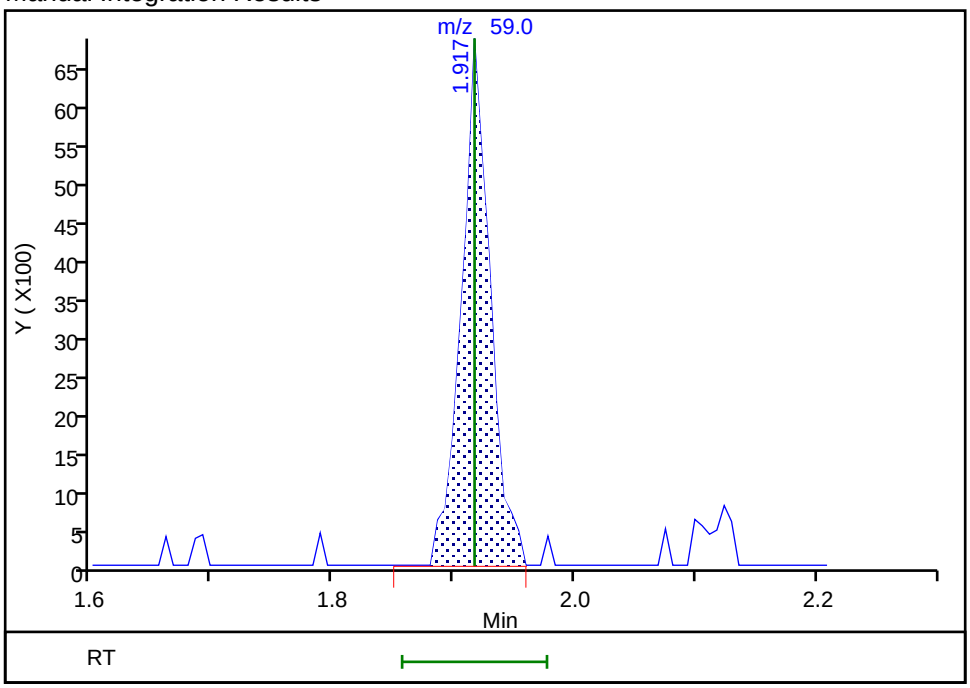
Not Detected
Expected RT: 1.92

Processing Integration Results



RT: 1.92
Area: 11377
Amount: 1.181841
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:33:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

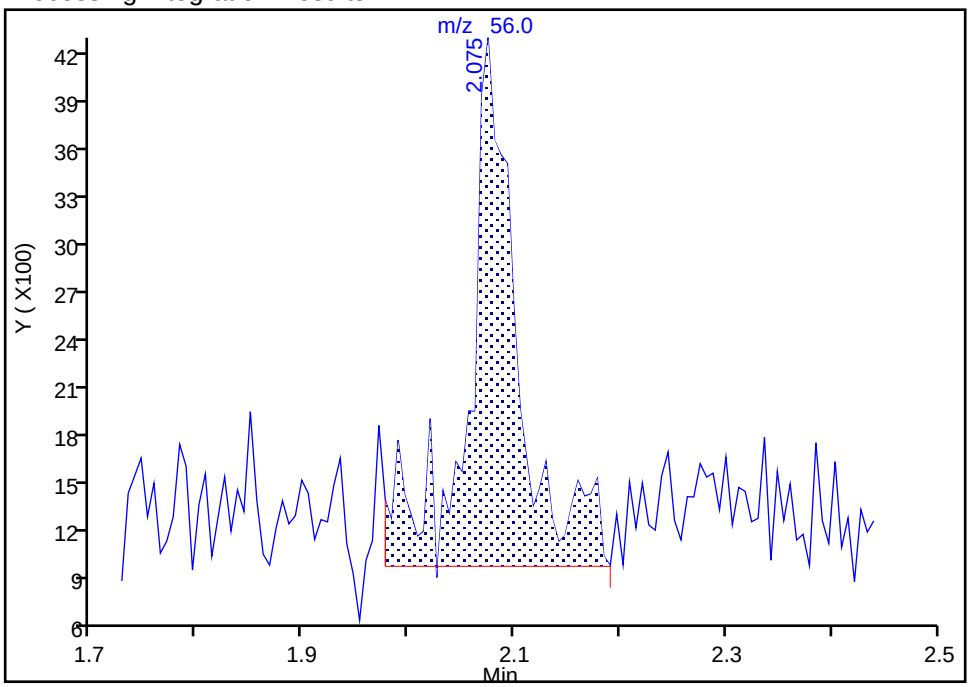
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

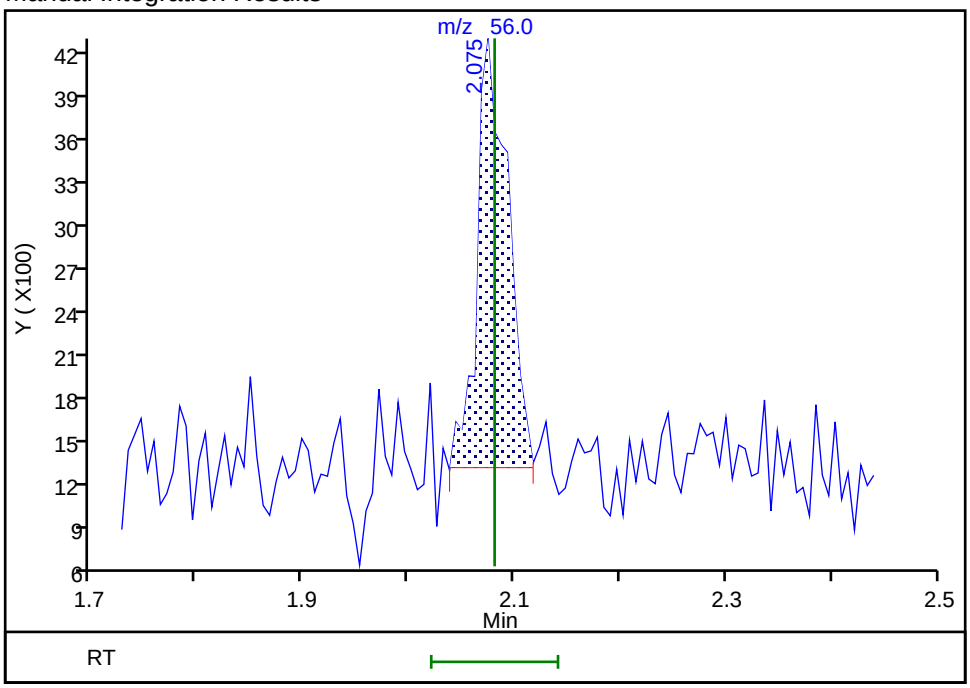
Processing Integration Results

RT: 2.07
Area: 10530
Amount: 6.343808
Amount Units: ug/L



Manual Integration Results

RT: 2.07
Area: 5967
Amount: 5.724493
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:22:31 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

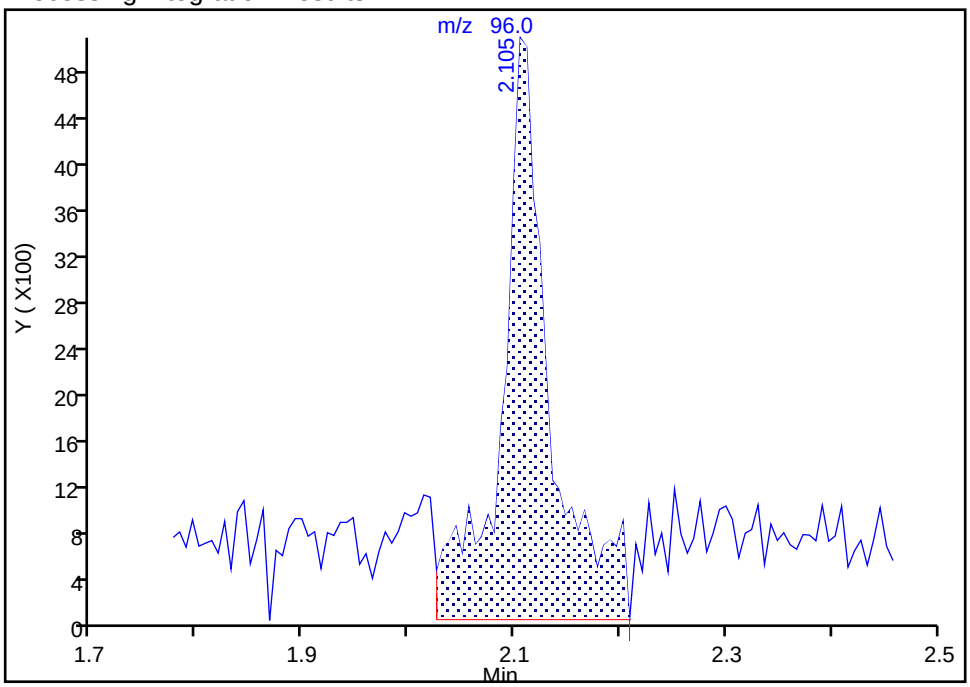
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

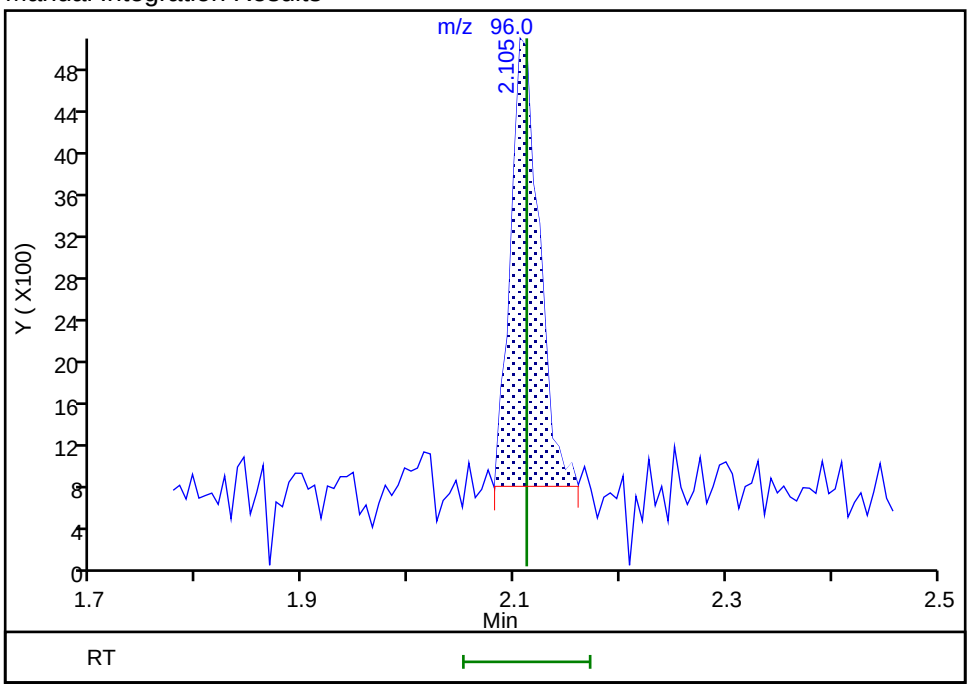
Processing Integration Results

RT: 2.11
Area: 15948
Amount: 1.835239
Amount Units: ug/L



Manual Integration Results

RT: 2.11
Area: 8026
Amount: 0.960372
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:28:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

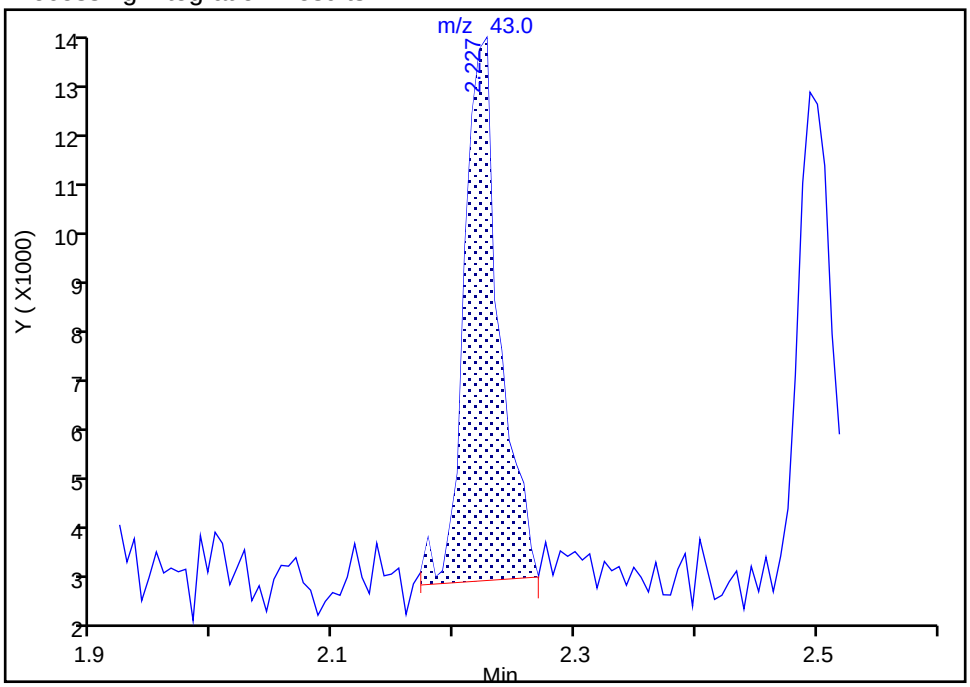
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

23 Acetone, CAS: 67-64-1

Signal: 1

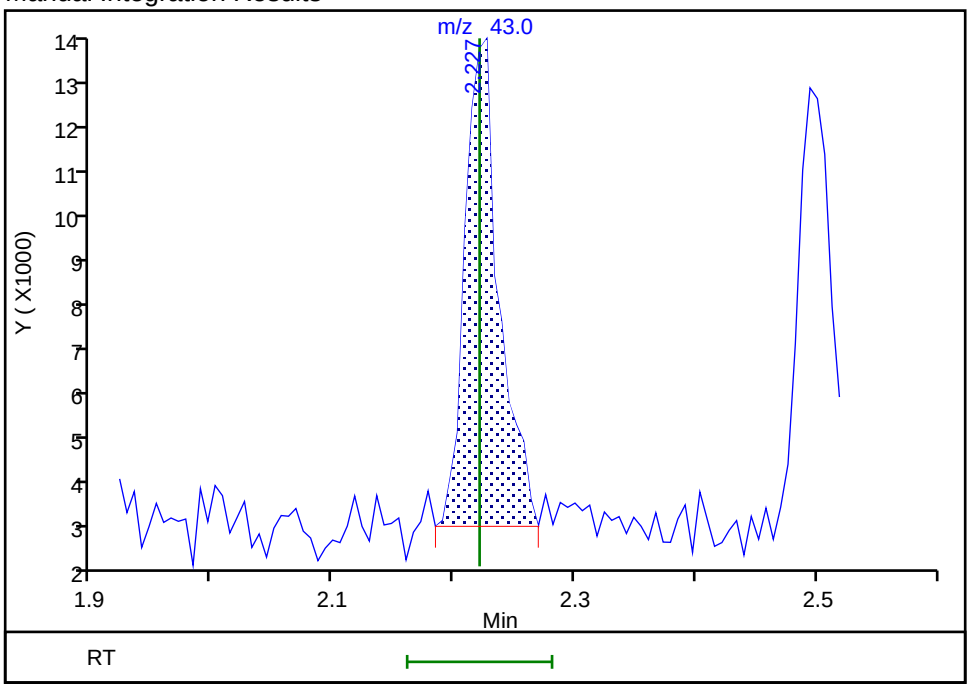
Processing Integration Results

RT: 2.23
Area: 21024
Amount: 4.754560
Amount Units: ug/L



Manual Integration Results

RT: 2.23
Area: 20205
Amount: 5.068588
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:33:50 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

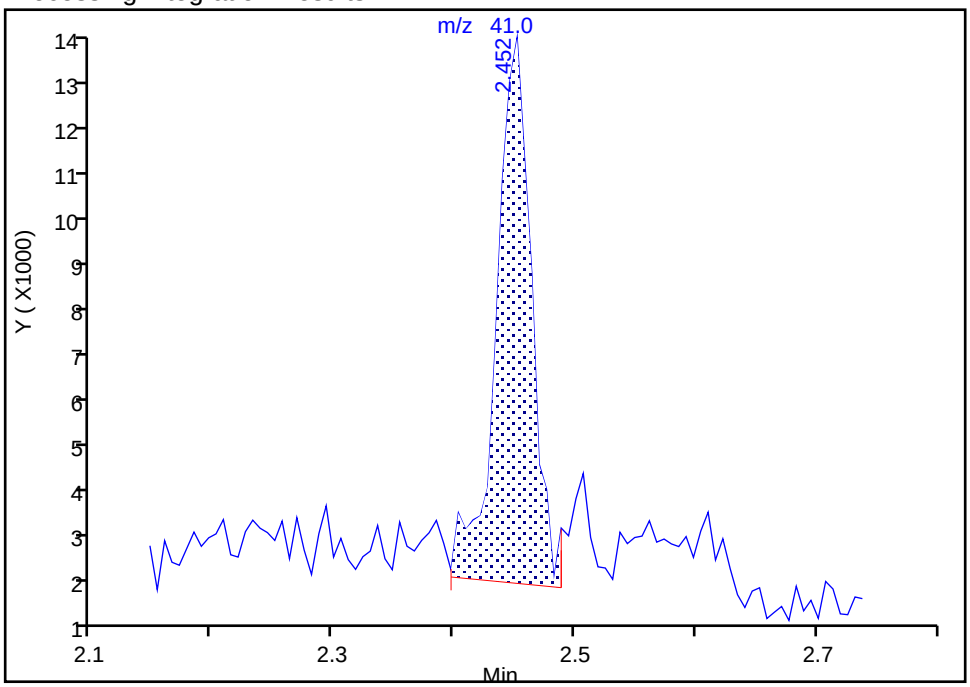
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

28 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

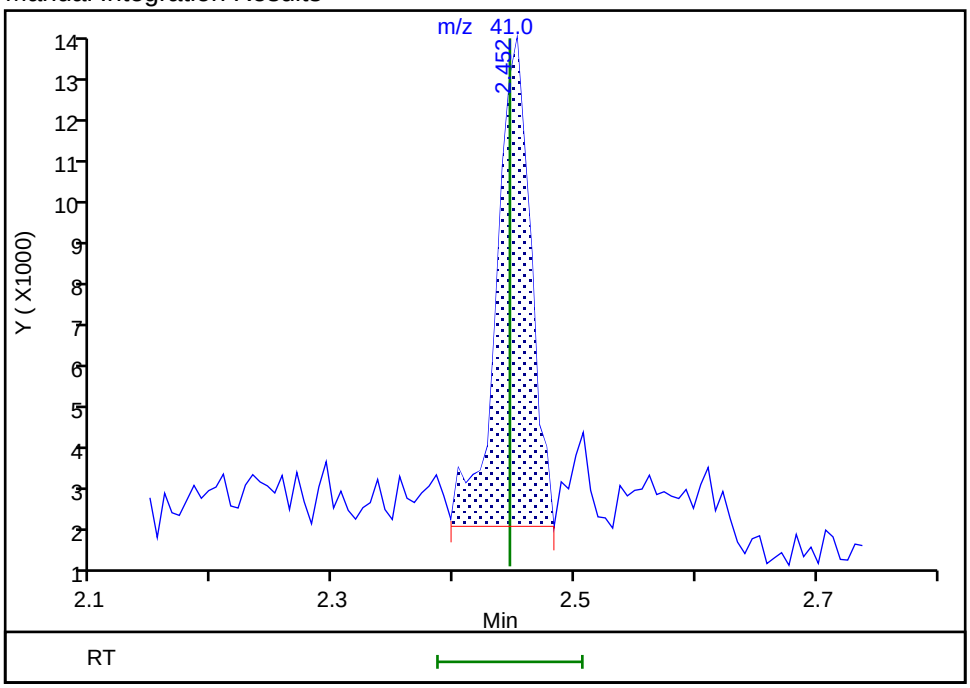
Processing Integration Results

RT: 2.45
Area: 21843
Amount: 1.197999
Amount Units: ug/L



Manual Integration Results

RT: 2.45
Area: 20944
Amount: 1.128853
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:34:10 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

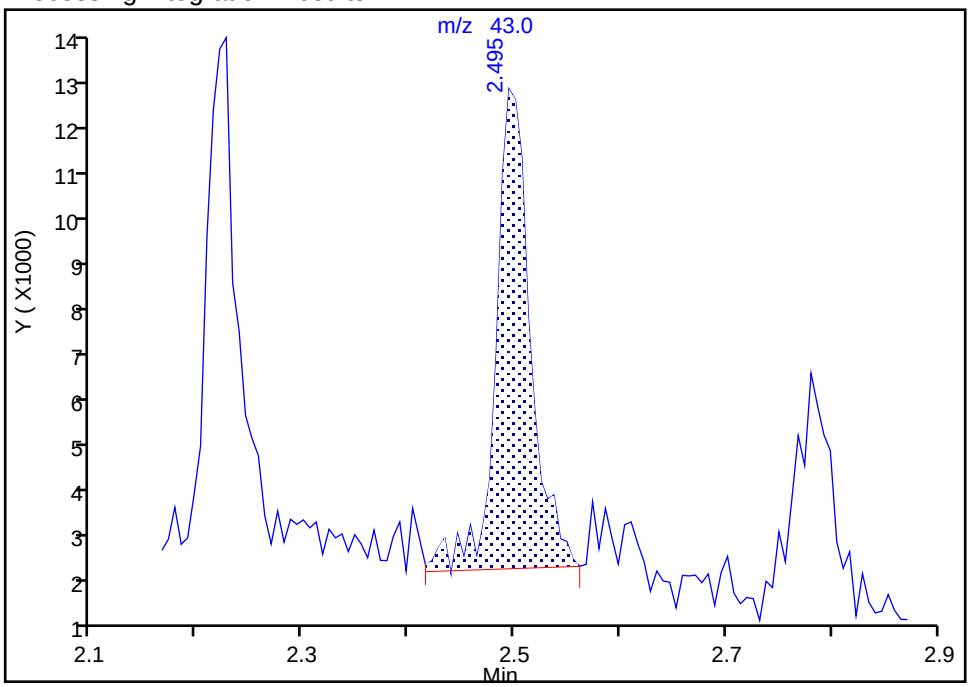
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

27 Methyl acetate, CAS: 79-20-9

Signal: 1

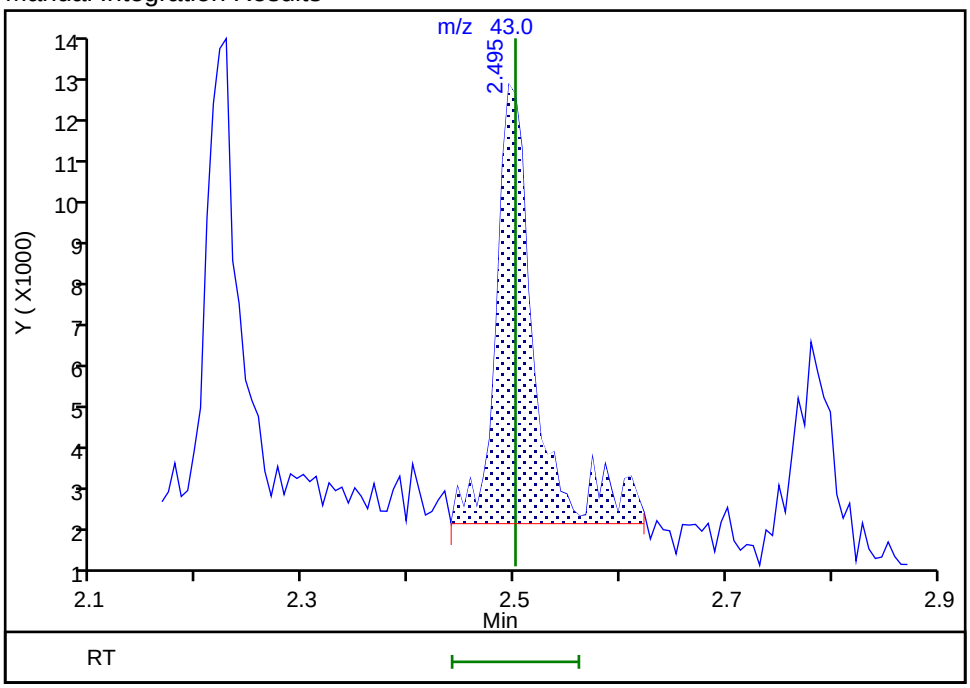
Processing Integration Results

RT: 2.49
Area: 22041
Amount: 2.145673
Amount Units: ug/L



Manual Integration Results

RT: 2.49
Area: 24941
Amount: 2.485146
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:33:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

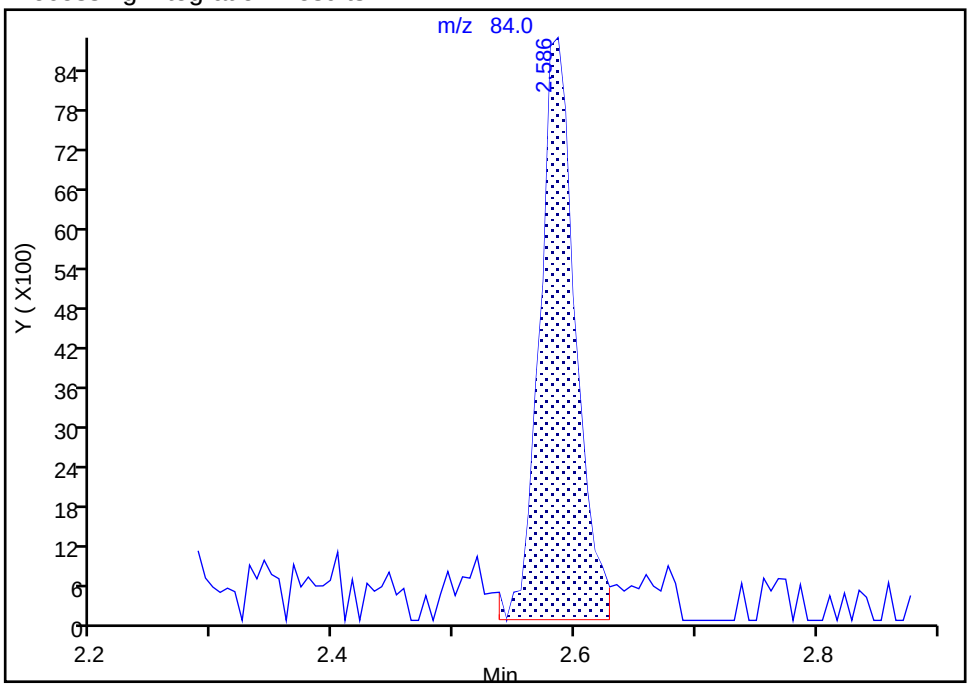
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

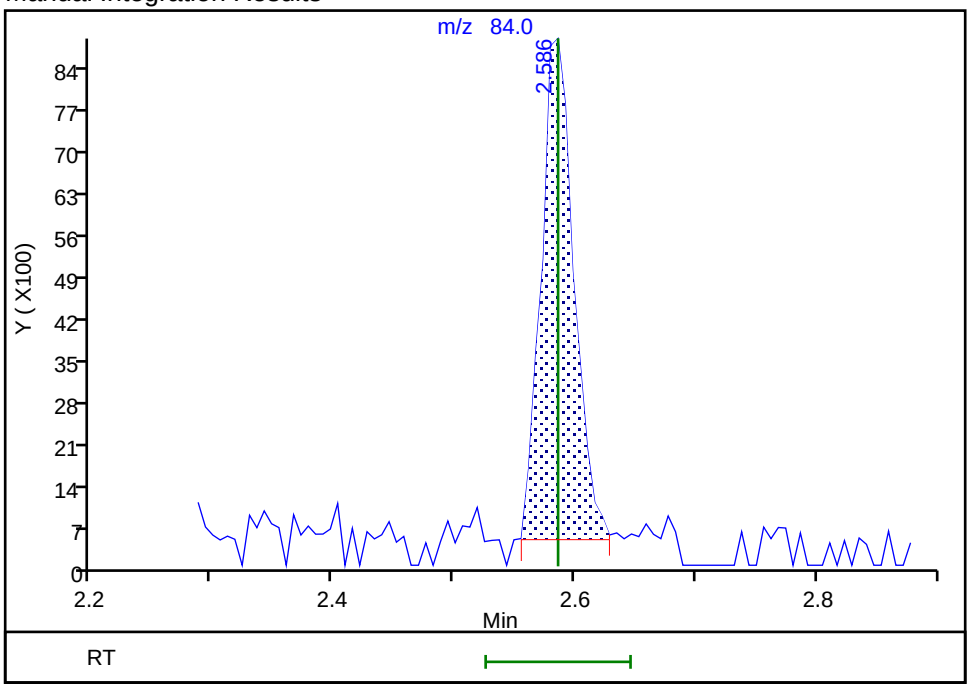
Processing Integration Results

RT: 2.59
Area: 18107
Amount: 1.317545
Amount Units: ug/L



Manual Integration Results

RT: 2.59
Area: 15693
Amount: 0.906079
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:36:47 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

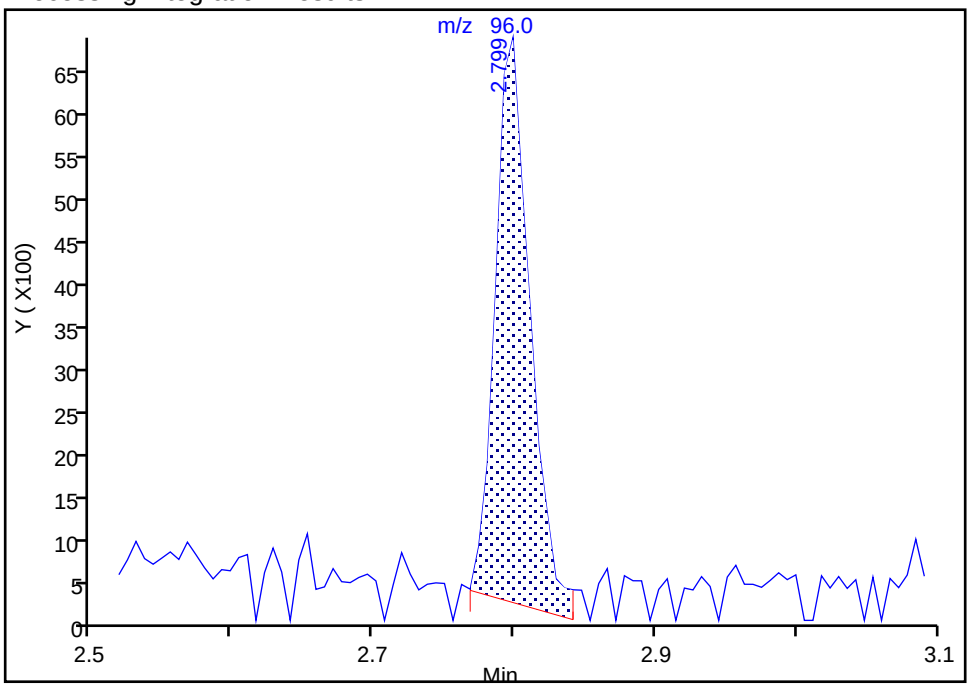
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

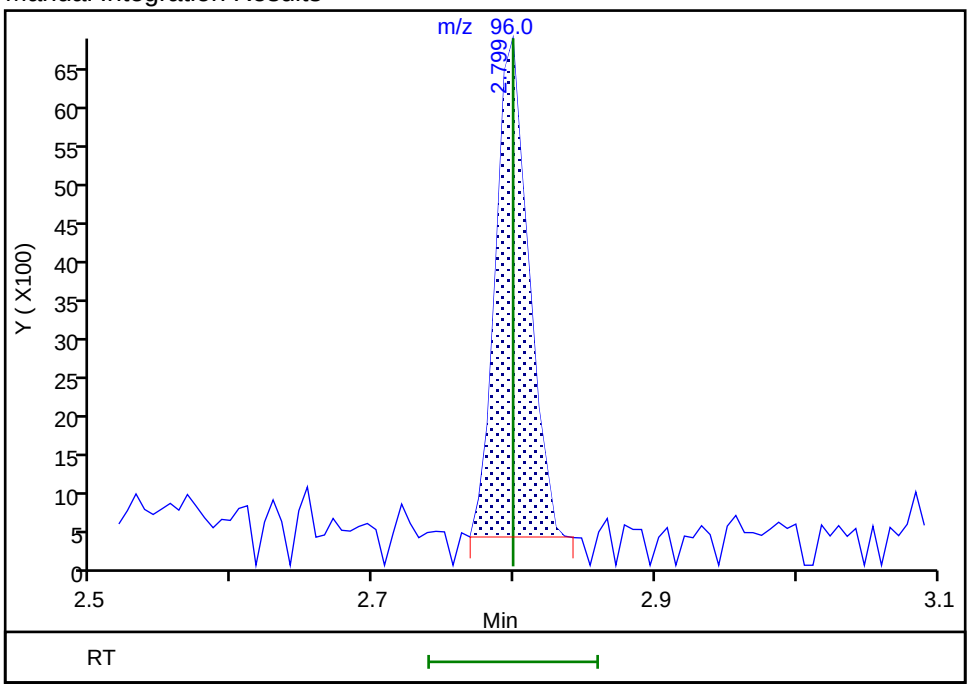
Processing Integration Results

RT: 2.80
Area: 11407
Amount: 1.061154
Amount Units: ug/L



Manual Integration Results

RT: 2.80
Area: 10565
Amount: 0.997872
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:34:52 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

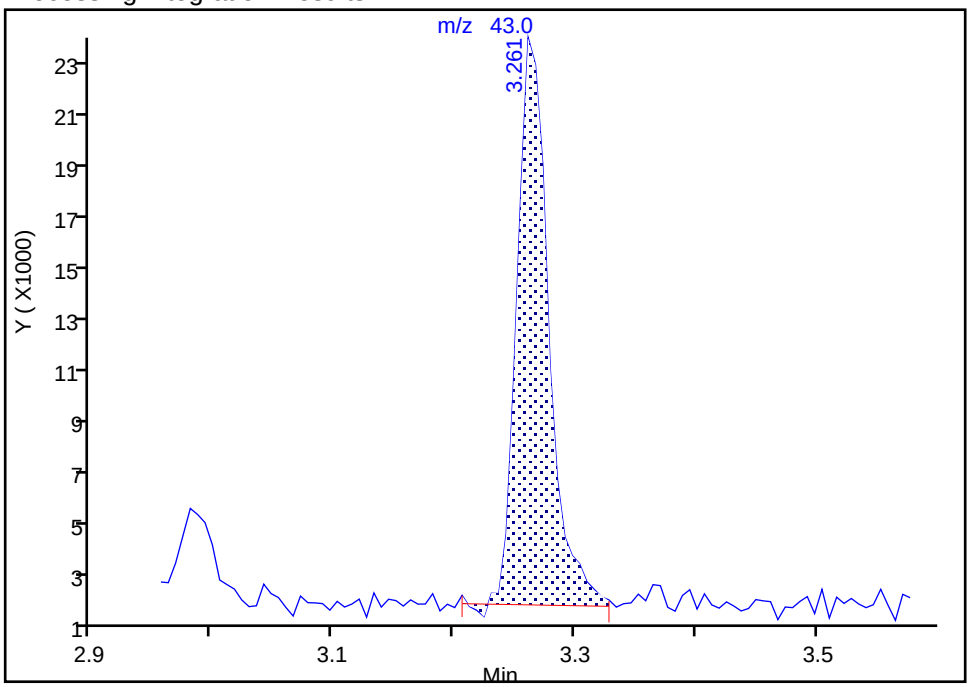
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

37 Vinyl acetate, CAS: 108-05-4

Signal: 1

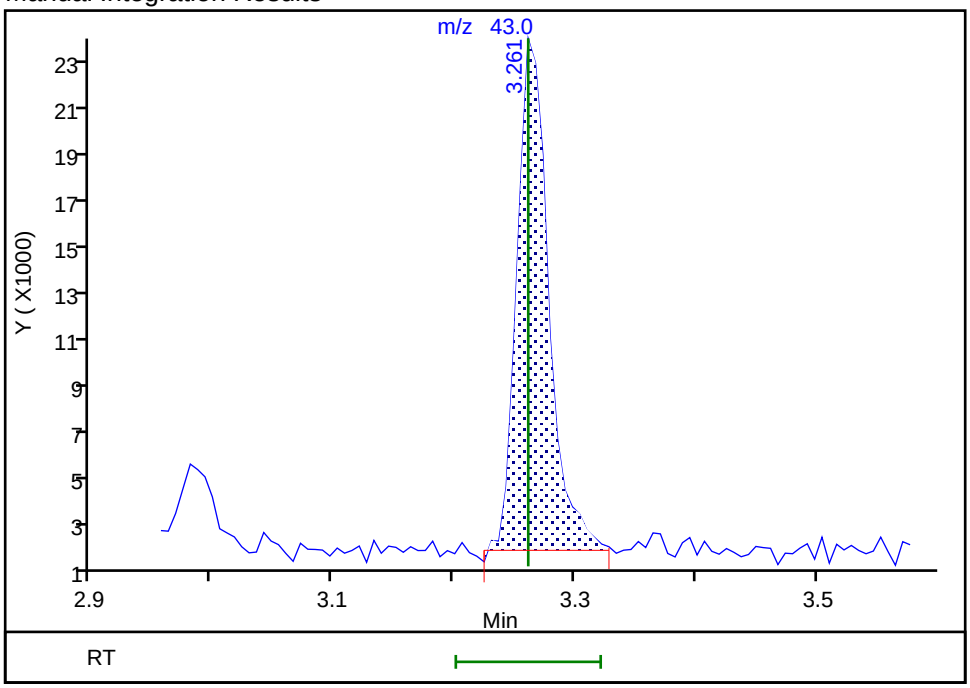
Processing Integration Results

RT: 3.26
Area: 39860
Amount: 1.889576
Amount Units: ug/L



Manual Integration Results

RT: 3.26
Area: 39747
Amount: 1.891566
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:35:16 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

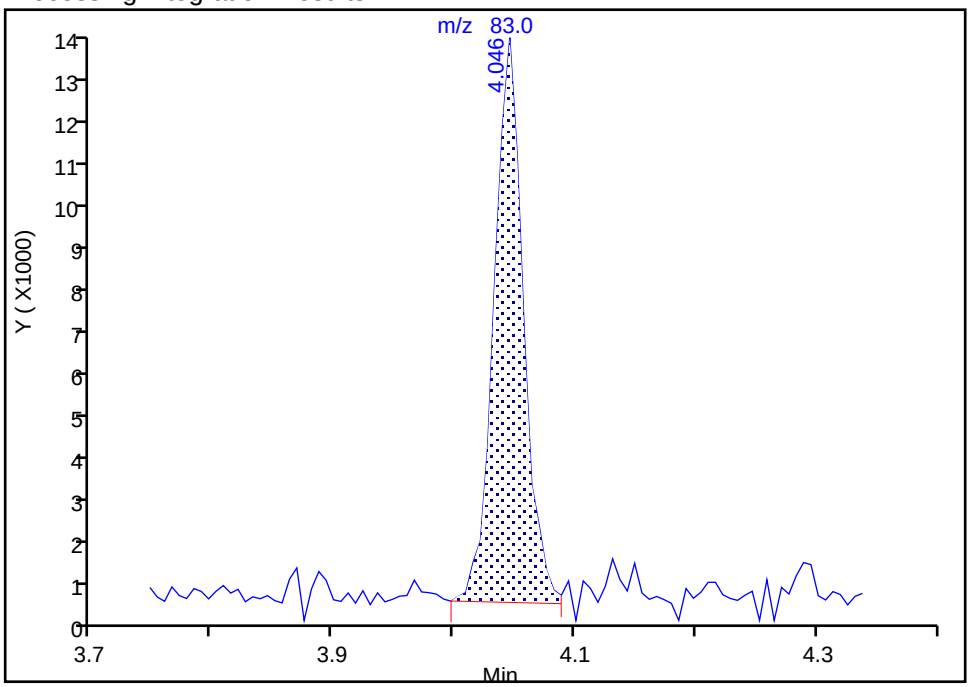
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

50 Chloroform, CAS: 67-66-3

Signal: 1

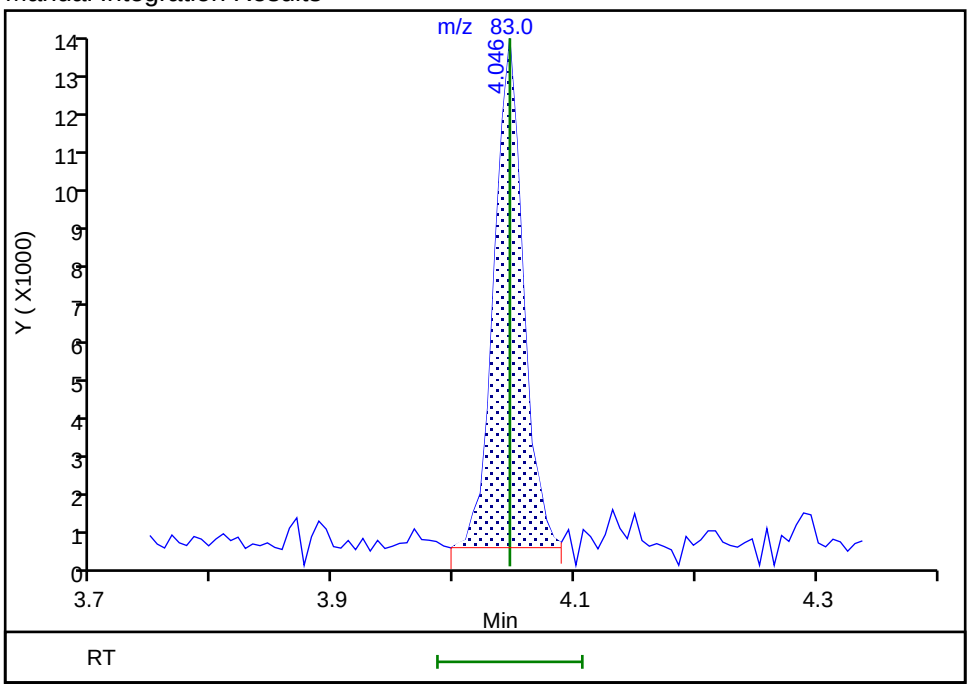
Processing Integration Results

RT: 4.05
Area: 21483
Amount: 0.895127
Amount Units: ug/L



Manual Integration Results

RT: 4.05
Area: 21319
Amount: 1.109772
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:35:38 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

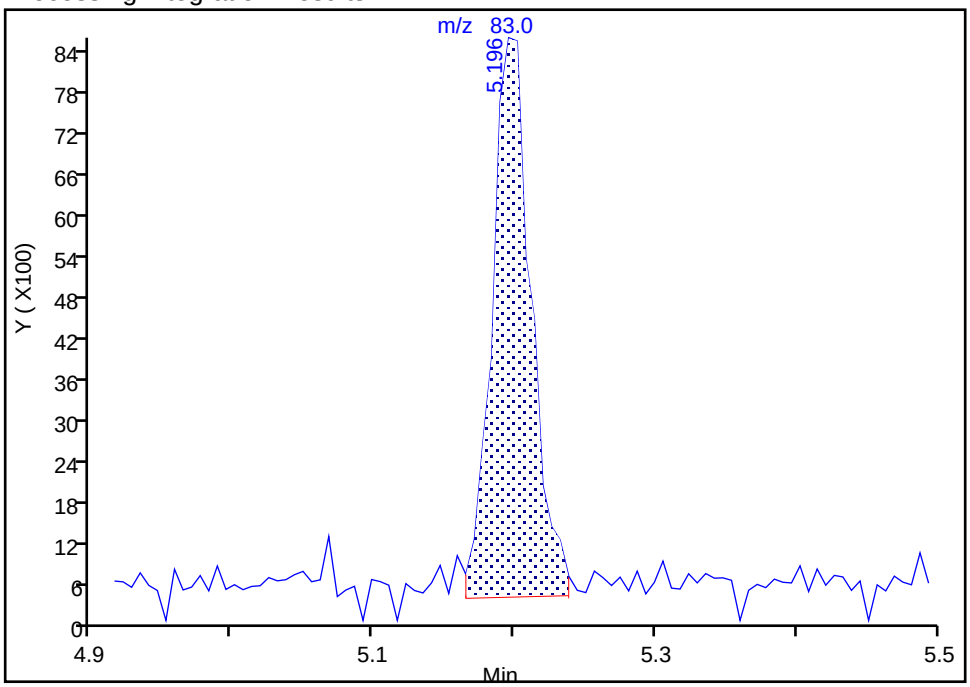
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

64 Methylcyclohexane, CAS: 108-87-2

Signal: 1

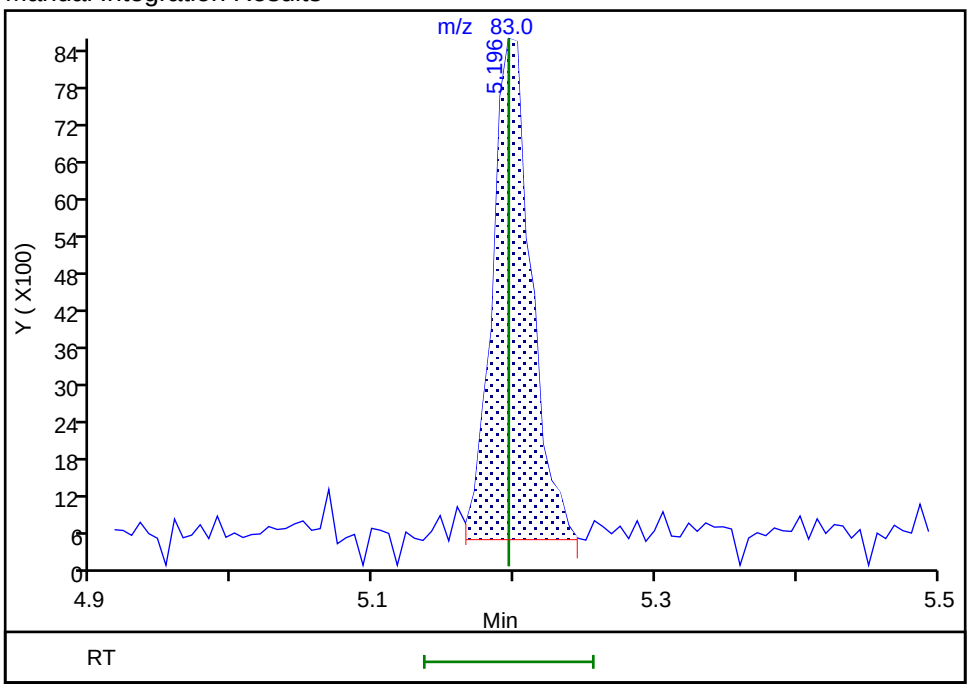
Processing Integration Results

RT: 5.20
Area: 15910
Amount: 0.954779
Amount Units: ug/L



Manual Integration Results

RT: 5.20
Area: 15647
Amount: 0.938585
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:36:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

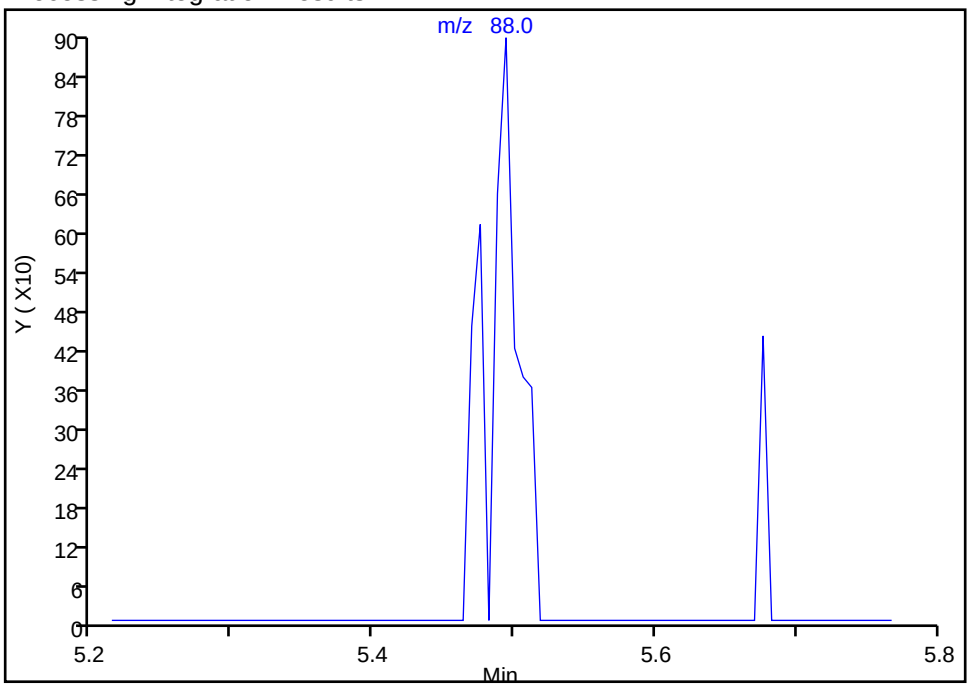
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

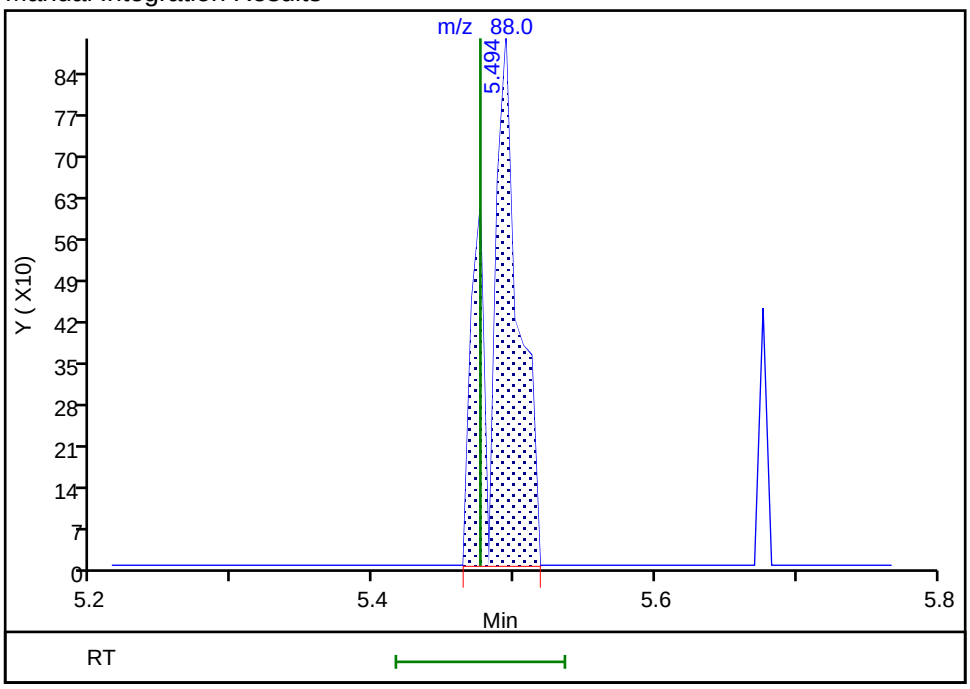
Not Detected
Expected RT: 5.48

Processing Integration Results



RT: 5.49
Area: 1370
Amount: 21.894370
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:36:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

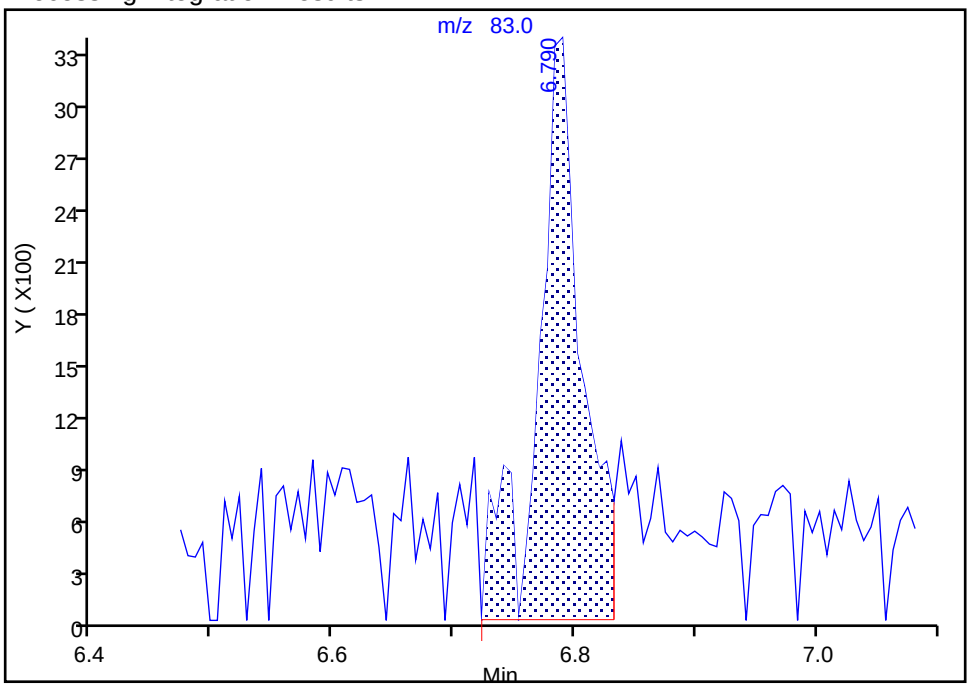
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

79 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

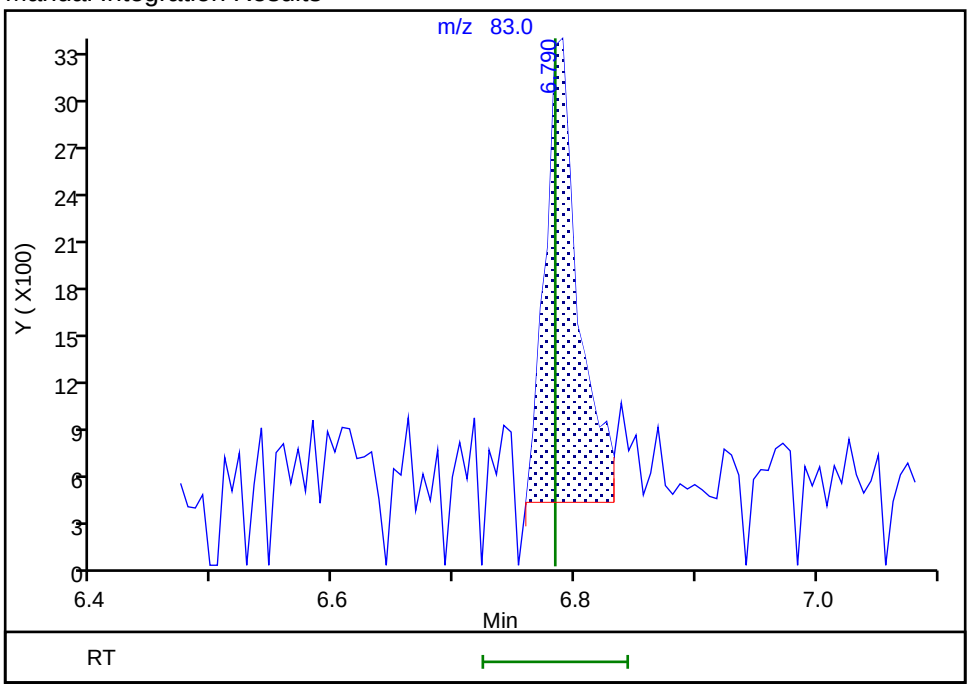
Processing Integration Results

RT: 6.79
Area: 8673
Amount: 0.683533
Amount Units: ug/L



Manual Integration Results

RT: 6.79
Area: 5662
Amount: 1.033342
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:42:57 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

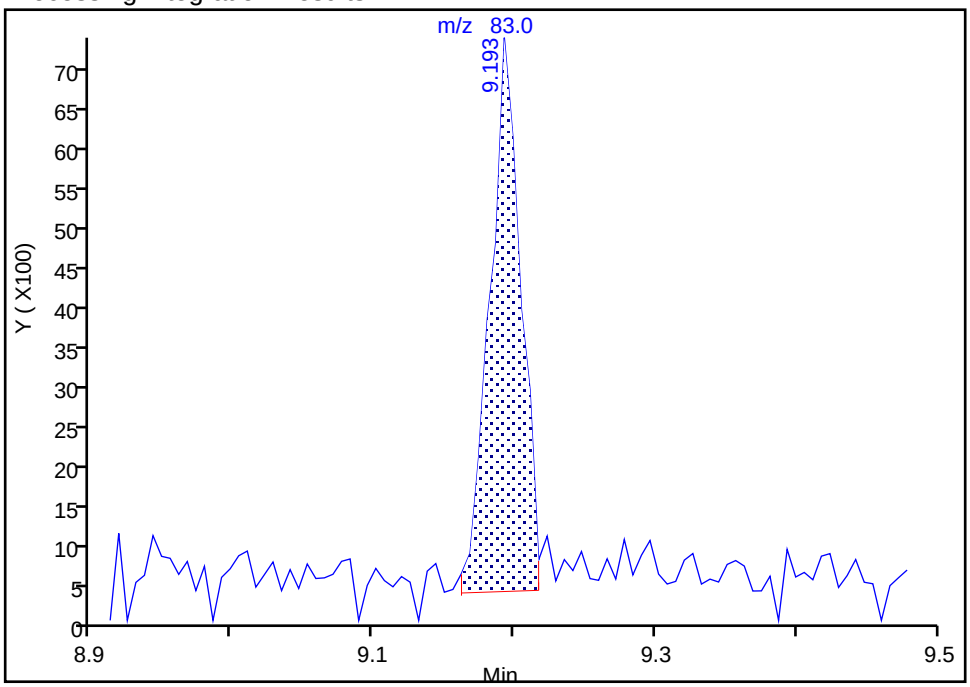
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

97 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

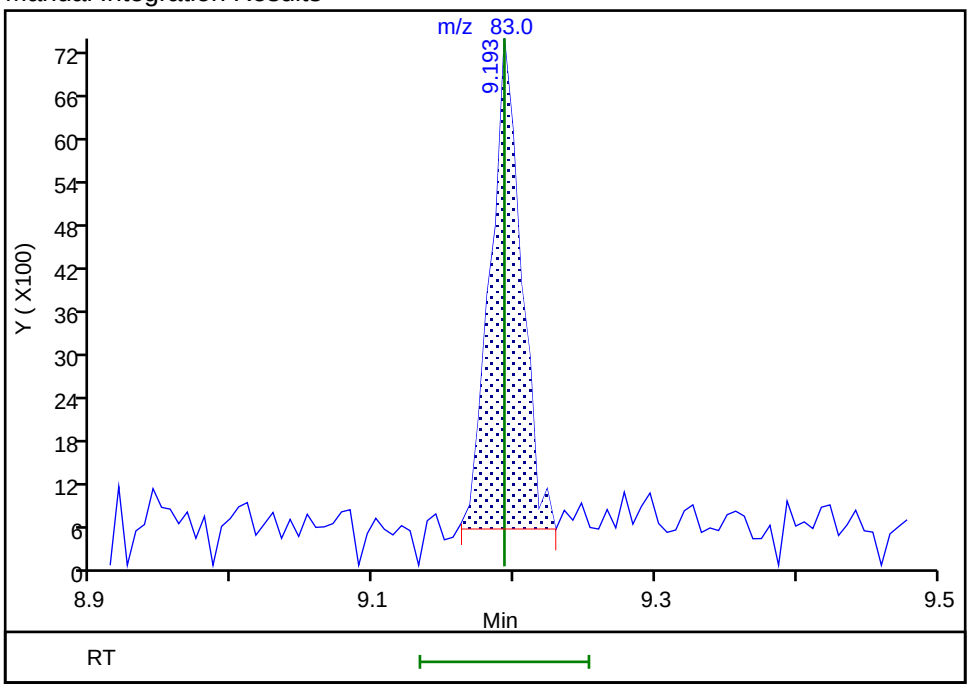
Processing Integration Results

RT: 9.19
Area: 10709
Amount: 0.659405
Amount Units: ug/L



Manual Integration Results

RT: 9.19
Area: 10397
Amount: 0.930517
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:37:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

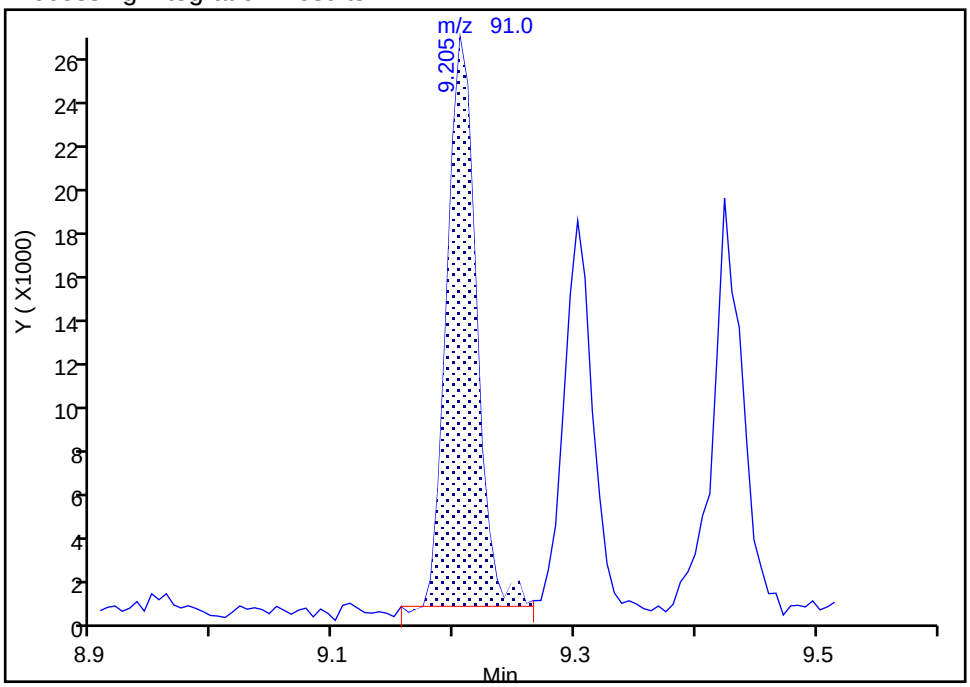
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

99 N-Propylbenzene, CAS: 103-65-1

Signal: 1

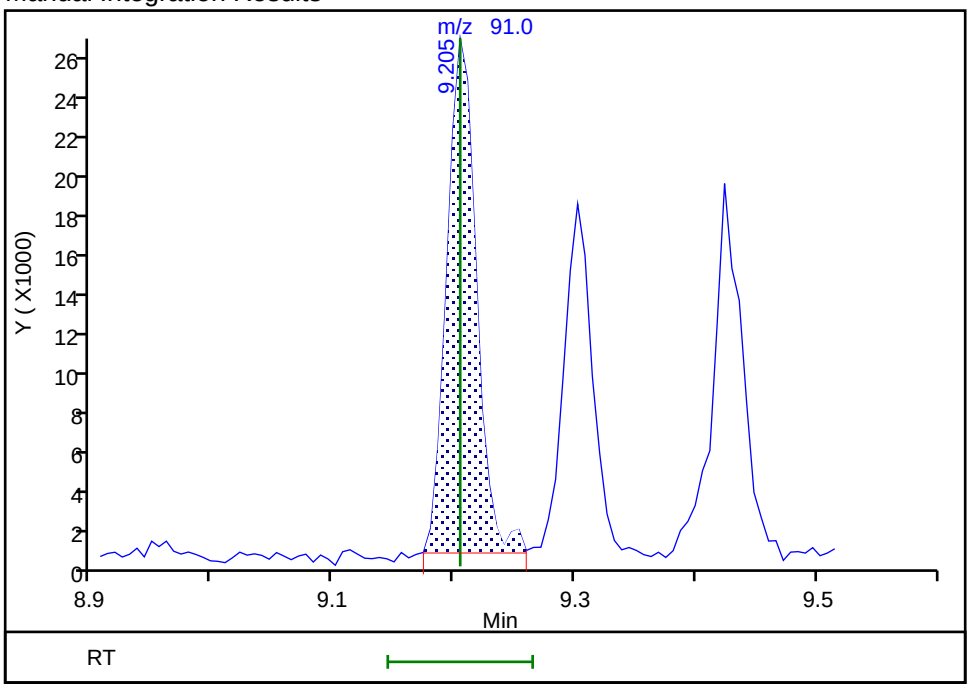
Processing Integration Results

RT: 9.20
Area: 42453
Amount: 0.917701
Amount Units: ug/L



Manual Integration Results

RT: 9.20
Area: 42524
Amount: 0.908134
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:37:56 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

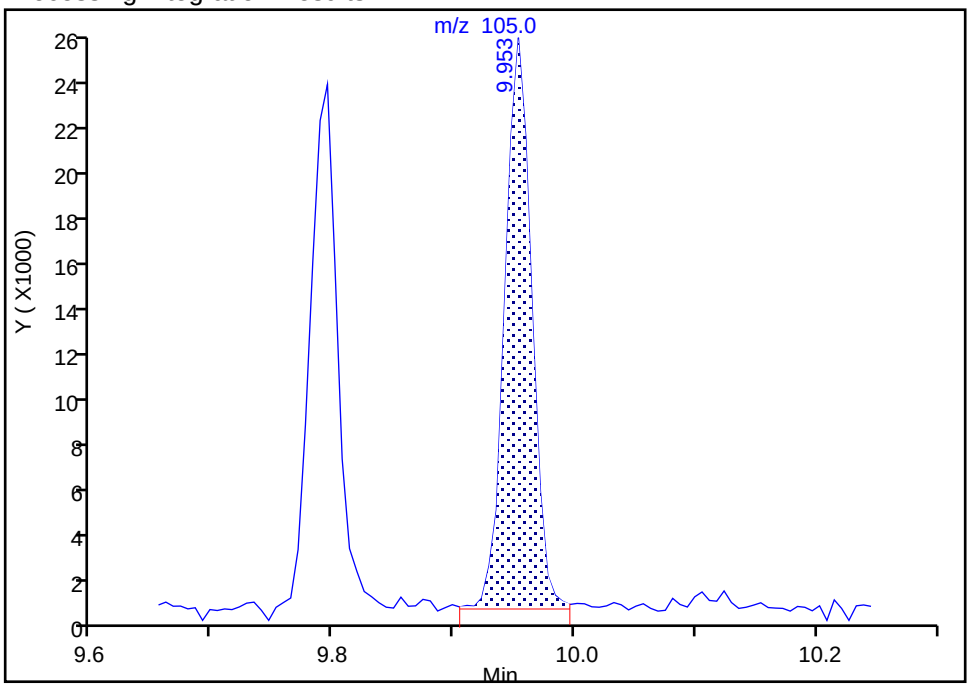
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8304.d				
Injection Date:	06-May-2024 17:13:30	Instrument ID:	HP5973S		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

109 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

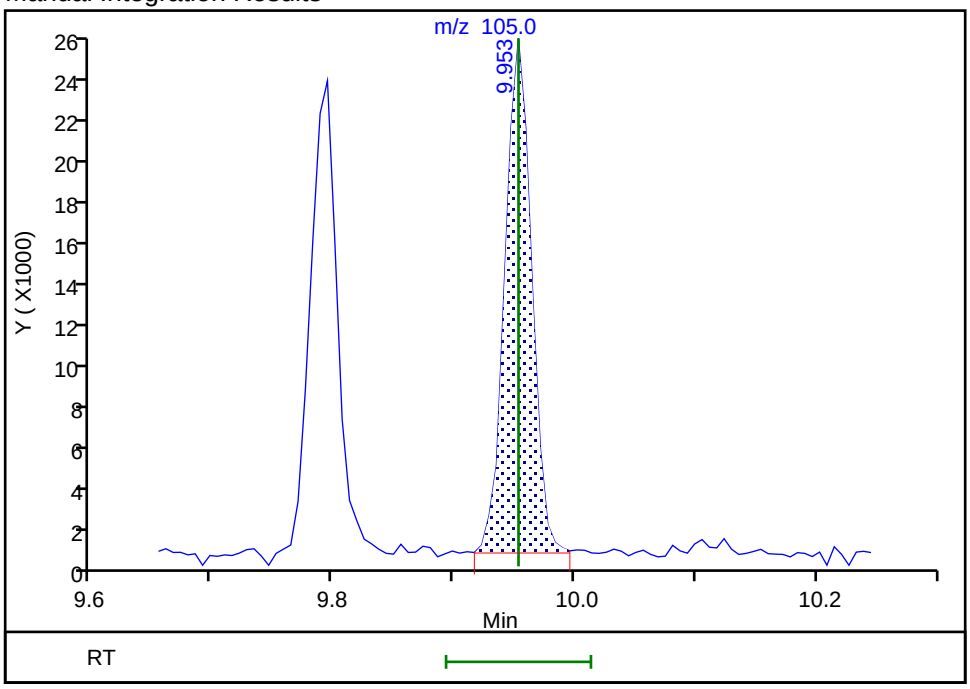
Processing Integration Results

RT: 9.95
Area: 39085
Amount: 0.924838
Amount Units: ug/L



Manual Integration Results

RT: 9.95
Area: 38355
Amount: 0.909528
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:38:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 06-May-2024 17:36:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0117811-015
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:51:14 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:31:41

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	182315	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	86	321219	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	343747	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	63	265199	25.0	25.9	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	92	151175	25.0	25.1	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	82	778452	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	86	236175	25.0	24.7	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	83	25207	2.00	1.96	
12 Chloromethane	50	1.126	1.126	0.000	96	27855	2.00	2.25	
13 Vinyl chloride	62	1.205	1.205	0.000	80	20421	2.00	2.02	
151 Butadiene	54	1.217	1.217	0.000	91	25961	2.00	2.27	
14 Bromomethane	94	1.448	1.448	0.000	78	13146	2.00	1.95	
15 Chloroethane	64	1.509	1.509	0.000	88	15474	2.00	2.10	
16 Dichlorofluoromethane	67	1.685	1.686	-0.001	94	39877	2.00	2.18	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	49	27153	2.00	1.91	
18 Ethyl ether	59	1.917	1.917	0.000	84	19589	2.00	2.05	a
20 Acrolein	56	2.087	2.081	0.006	75	10642	10.0	10.3	M
22 1,1-Dichloroethene	96	2.117	2.111	0.006	82	16143	2.00	1.95	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	48	15782	2.00	1.91	
23 Acetone	43	2.221	2.221	0.000	90	42415	10.0	10.7	M
25 Iodomethane	142	2.251	2.251	0.000	97	31334	2.00	2.07	
26 Carbon disulfide	76	2.282	2.282	0.000	98	53432	2.00	1.95	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	82	39283	2.00	2.13	
27 Methyl acetate	43	2.501	2.501	0.000	93	45472	4.00	4.57	M
30 Methylene Chloride	84	2.586	2.586	0.000	87	25562	2.00	1.95	M
31 2-Methyl-2-propanol	59	2.756	2.762	-0.006	91	31193	20.0	20.7	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	91	73078	2.00	2.01	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	83	19505	2.00	1.86	
33 Acrylonitrile	53	2.860	2.860	0.000	98	100251	20.0	20.5	
35 Hexane	57	2.987	2.988	-0.001	89	23853	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
39 1,1-Dichloroethane	63	3.194	3.200	-0.006	89	35884	2.00	1.99	
37 Vinyl acetate	43	3.261	3.261	0.000	97	83247	4.00	3.99	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	80	24963	2.00	2.09	
45 cis-1,2-Dichloroethene	96	3.729	3.736	-0.007	61	26843	2.00	2.21	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	96	49159	10.0	10.5	
48 Chlorobromomethane	128	3.961	3.961	0.000	83	11490	2.00	1.97	
49 Tetrahydrofuran	42	3.979	3.973	0.006	87	14749	4.00	4.10	M
50 Chloroform	83	4.046	4.046	0.000	93	39312	2.00	2.06	M
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	83	29608	2.00	2.02	M
52 Cyclohexane	56	4.143	4.137	0.006	86	34103	2.00	1.99	
55 Carbon tetrachloride	117	4.265	4.271	-0.006	79	25912	2.00	1.98	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	86	24151	2.00	2.01	
57 Benzene	78	4.490	4.484	0.006	51	71889	2.00	1.99	
53 Isobutyl alcohol	43	4.557	4.545	0.012	55	28152	50.0	54.9	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	57	27199	2.00	2.00	
59 n-Heptane	43	4.679	4.679	0.000	87	21755	2.00	1.95	
62 Trichloroethene	95	5.098	5.092	0.006	84	19072	2.00	2.01	
64 Methylcyclohexane	83	5.196	5.196	0.000	85	32461	2.00	1.96	
65 1,2-Dichloropropane	63	5.329	5.324	0.005	83	16564	2.00	2.06	
67 Dibromomethane	93	5.463	5.464	-0.001	84	12943	2.00	2.10	
66 1,4-Dioxane	88	5.488	5.476	0.012	35	2094	40.0	32.6	a
68 Dichlorobromomethane	83	5.628	5.622	0.006	82	21628	2.00	1.85	
69 2-Chloroethyl vinyl ether	63	5.920	5.914	0.006	72	7366	2.00	1.75	
72 cis-1,3-Dichloropropene	75	6.041	6.035	0.006	67	23112	2.00	1.90	
73 4-Methyl-2-pentanone (MIBK)	43	6.193	6.187	0.006	96	106658	10.0	9.74	
74 Toluene	92	6.309	6.309	0.000	73	40416	2.00	1.96	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	91	20070	2.00	1.95	
75 Ethyl methacrylate	69	6.674	6.662	0.012	61	22034	2.00	2.09	
79 1,1,2-Trichloroethane	83	6.783	6.784	-0.001	72	12093	2.00	2.15	M
81 Tetrachloroethene	166	6.826	6.826	0.000	89	17254	2.00	2.00	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	87	22644	2.00	2.05	
80 2-Hexanone	43	7.027	7.021	0.006	94	58379	10.0	9.98	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	60	15529	2.00	1.96	
84 Ethylene Dibromide	107	7.264	7.258	0.006	78	14417	2.00	2.08	
87 Chlorobenzene	112	7.732	7.733	-0.001	46	41724	2.00	1.93	
88 Ethylbenzene	91	7.836	7.830	0.006	95	73296	2.00	1.99	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	32	17738	2.00	2.00	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	97	28659	2.00	1.95	
91 o-Xylene	106	8.377	8.378	-0.001	95	32384	2.00	1.99	
92 Styrene	104	8.414	8.408	0.006	89	43446	2.00	1.89	
95 Bromoform	173	8.645	8.645	0.000	74	10036	2.00	1.84	
94 Isopropylbenzene	105	8.761	8.761	0.000	92	78908	2.00	1.93	
101 Bromobenzene	156	9.101	9.102	-0.001	88	18534	2.00	1.95	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	54	22038	2.00	1.97	M
99 N-Propylbenzene	91	9.205	9.205	0.000	98	91044	2.00	1.94	M
100 1,2,3-Trichloropropane	110	9.223	9.217	0.006	51	8414	2.00	2.10	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.241	0.006	51	6788	2.00	1.93	
103 2-Chlorotoluene	126	9.302	9.302	0.000	92	20540	2.00	2.11	
102 1,3,5-Trimethylbenzene	105	9.399	9.400	-0.001	91	67707	2.00	1.90	
105 4-Chlorotoluene	126	9.424	9.424	0.000	90	17919	2.00	1.96	
106 tert-Butylbenzene	134	9.734	9.728	0.006	83	13147	2.00	1.79	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	45	71887	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
109 sec-Butylbenzene	105	9.953	9.953	0.000	85	80542	2.00	1.91	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	93	38794	2.00	2.02	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	94	79157	2.00	2.01	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	63	38194	2.00	1.93	
115 n-Butylbenzene	91	10.507	10.507	0.000	91	68847	2.00	2.00	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	85	40454	2.00	1.97	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.292	-0.001	56	5730	2.00	1.97	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	89	33055	2.00	1.96	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	78	12667	2.00	1.96	
121 Naphthalene	128	12.186	12.180	0.006	94	105706	2.00	1.99	
122 1,2,3-Trichlorobenzene	180	12.386	12.387	-0.001	91	34918	2.00	2.09	
S 125 1,2-Dichloroethene, Total	1				0			4.06	
S 123 Total BTEX	1				0			9.88	
S 126 1,3-Dichloropropene, Total	1				0			3.84	
S 124 Xylenes, Total	1				0			3.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

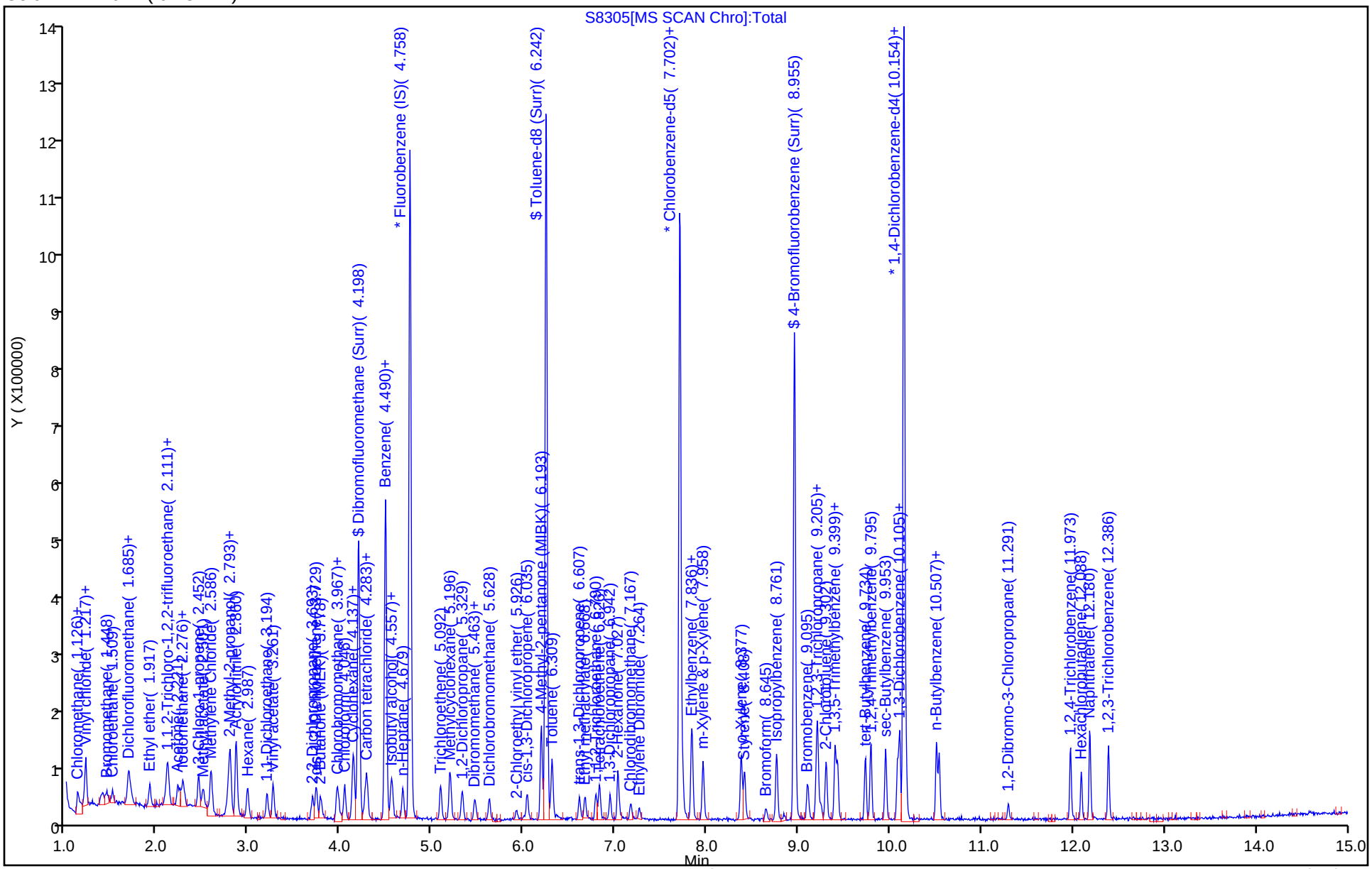
8260 CORP mix_00254	Amount Added:	2.00	Units: uL	
GAS CORP mix_00618	Amount Added:	2.00	Units: uL	
S_8260_IS_00388	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:51:14 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

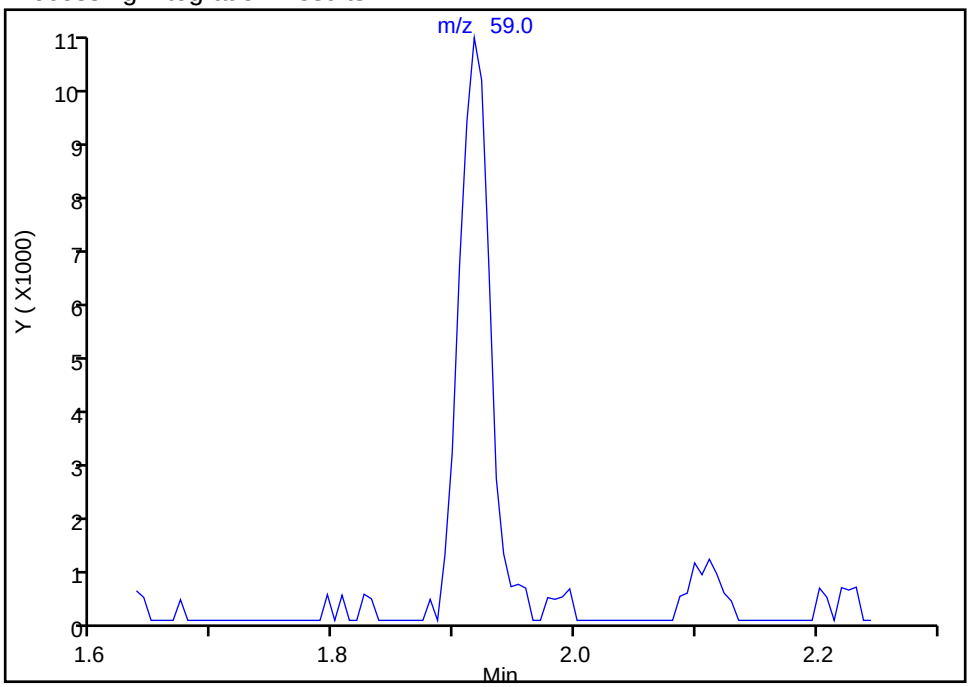
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

18 Ethyl ether, CAS: 60-29-7

Signal: 1

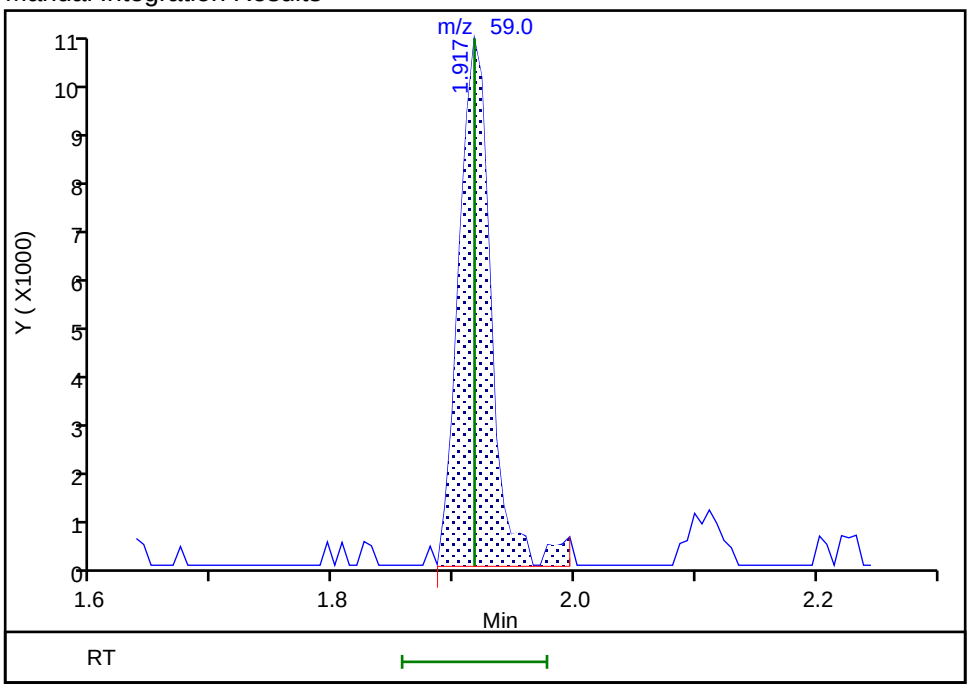
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 19589
Amount: 2.051108
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:28:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

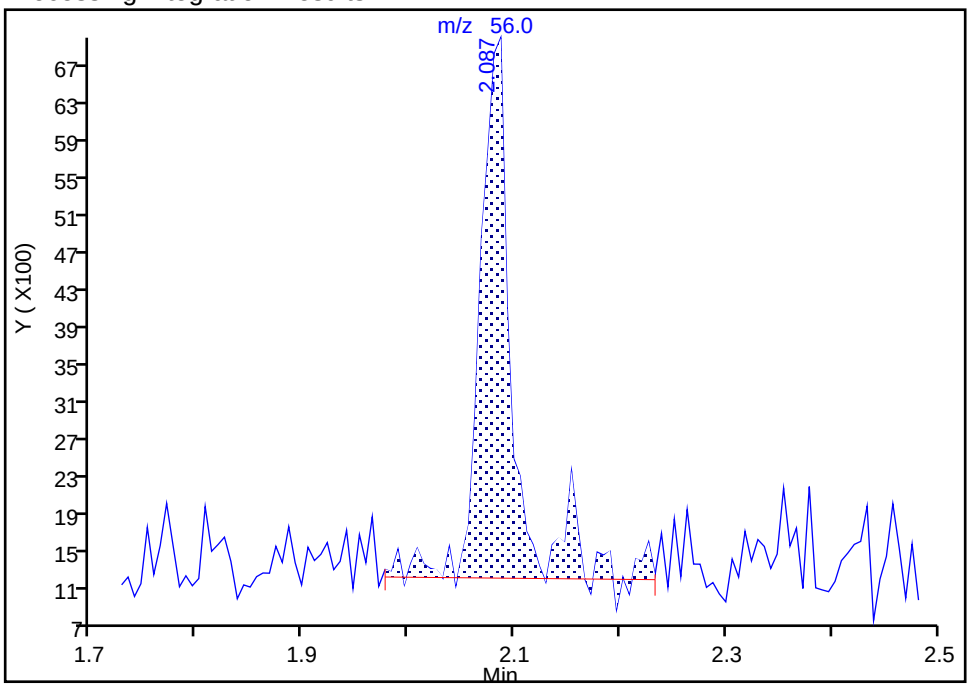
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

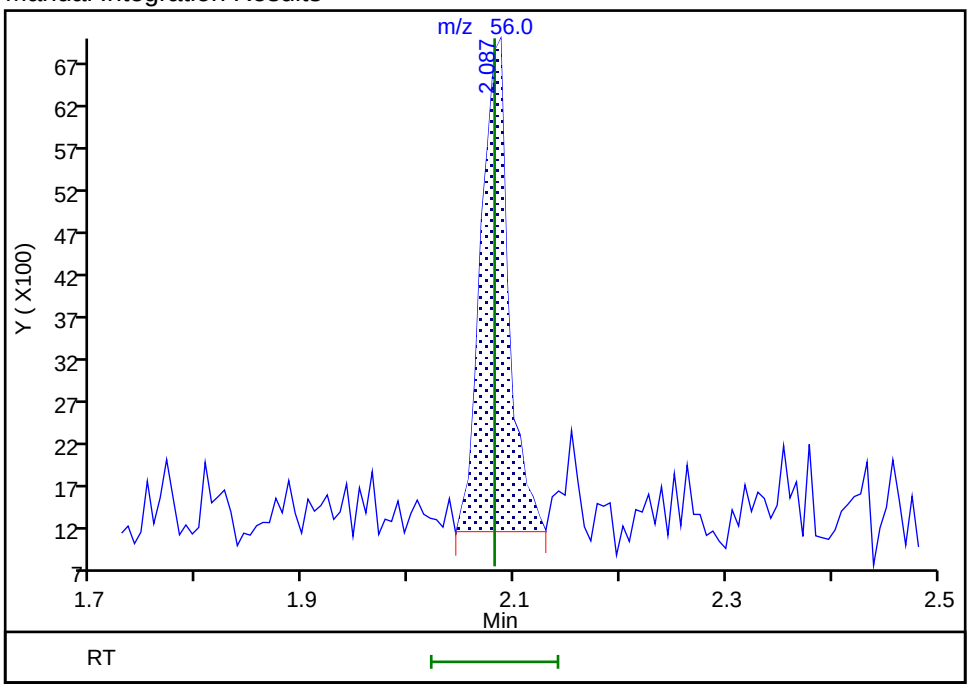
Processing Integration Results

RT: 2.09
Area: 12187
Amount: 8.885189
Amount Units: ug/L



Manual Integration Results

RT: 2.09
Area: 10642
Amount: 10.290805
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:28:36 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

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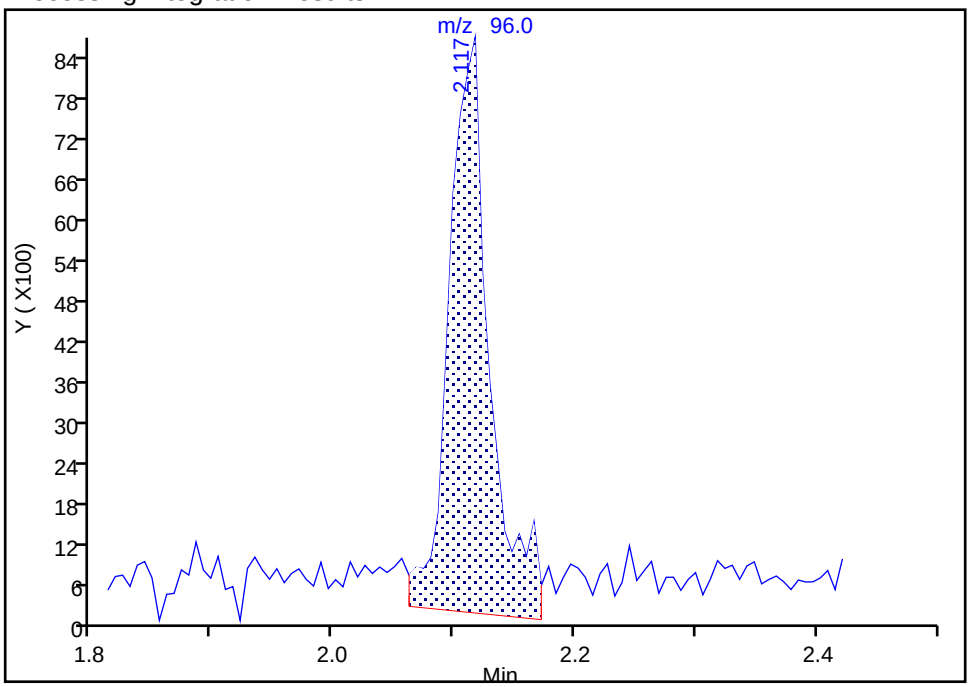
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

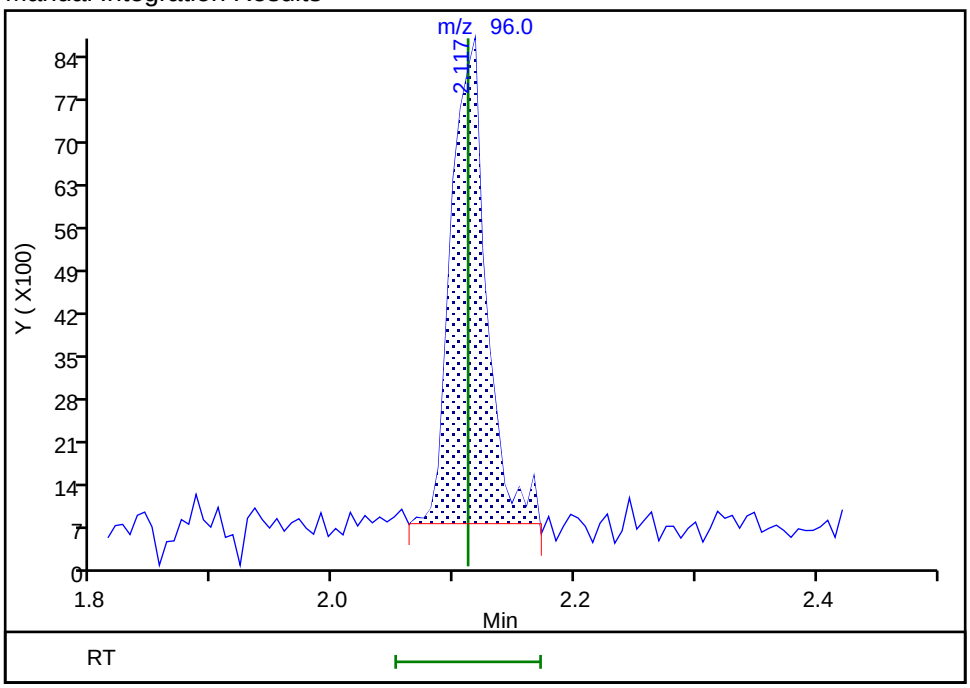
Processing Integration Results

RT: 2.12
Area: 20097
Amount: 2.213335
Amount Units: ug/L



Manual Integration Results

RT: 2.12
Area: 16143
Amount: 1.947018
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:27:56 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

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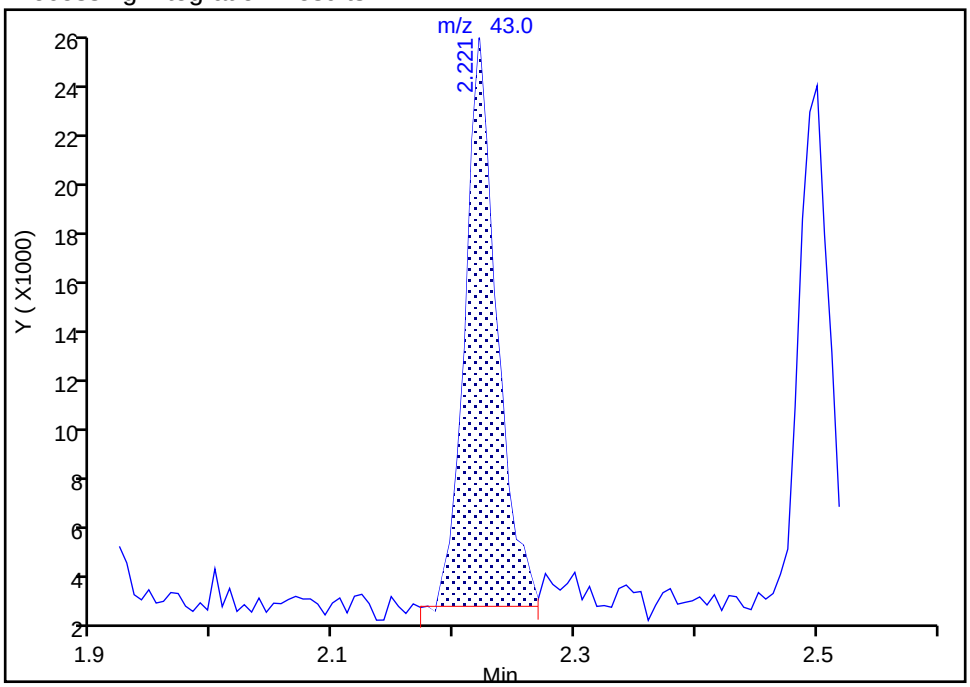
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

23 Acetone, CAS: 67-64-1

Signal: 1

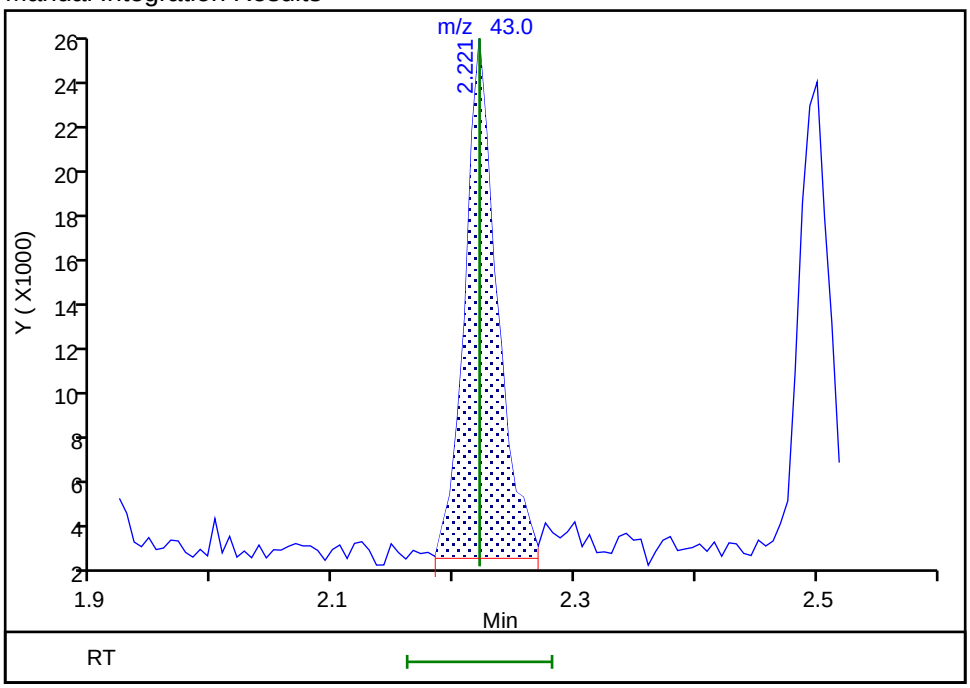
Processing Integration Results

RT: 2.22
Area: 41407
Amount: 9.217098
Amount Units: ug/L



Manual Integration Results

RT: 2.22
Area: 42415
Amount: 10.724886
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:29:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

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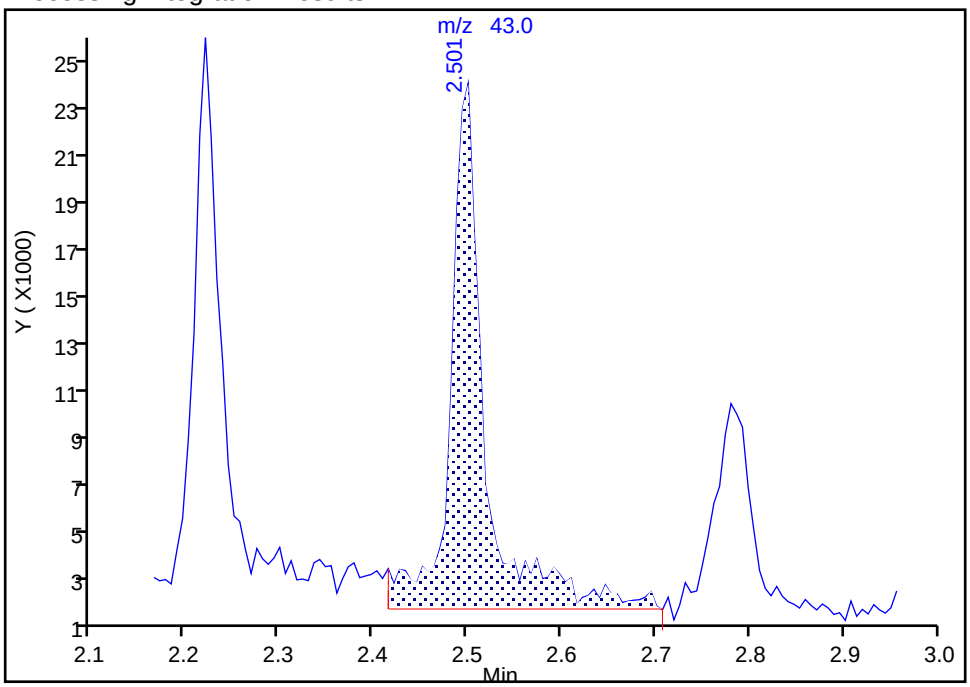
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

27 Methyl acetate, CAS: 79-20-9

Signal: 1

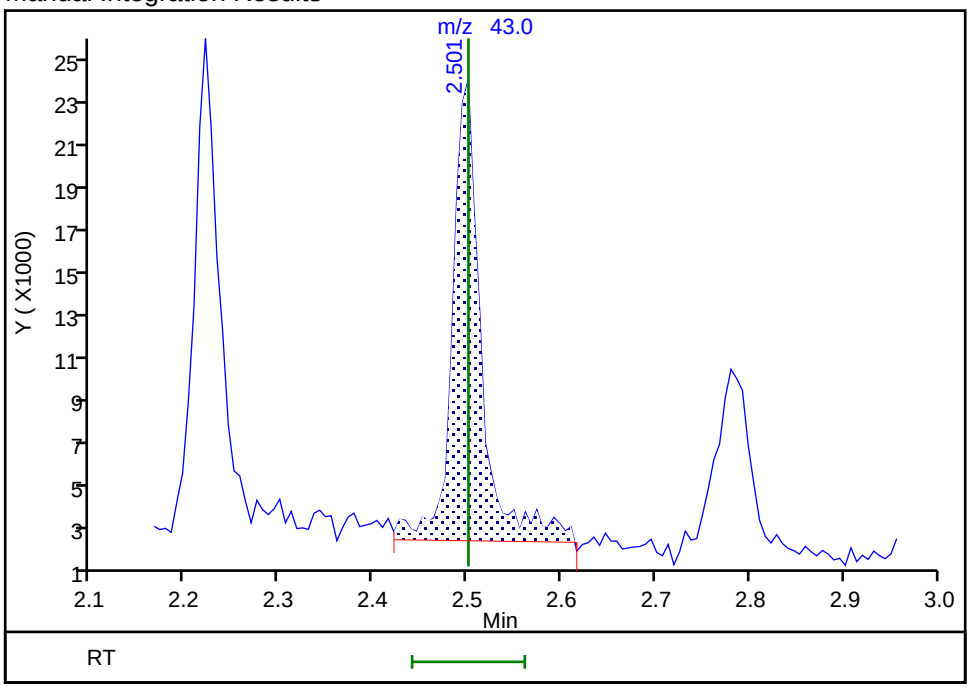
Processing Integration Results

RT: 2.50
Area: 57284
Amount: 4.994446
Amount Units: ug/L



Manual Integration Results

RT: 2.50
Area: 45472
Amount: 4.566960
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:32:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

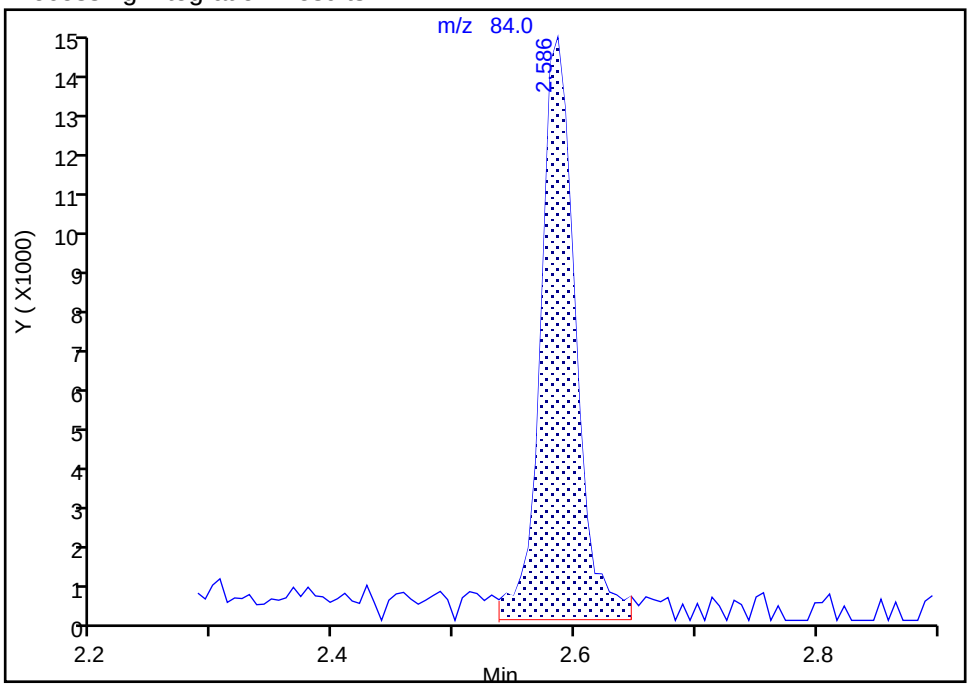
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

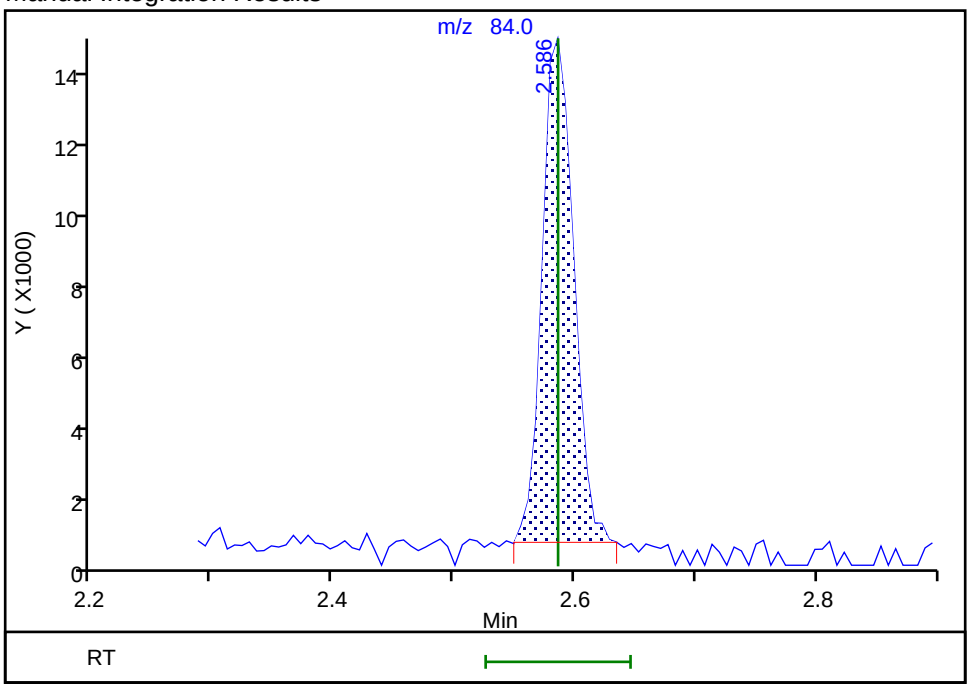
Processing Integration Results

RT: 2.59
Area: 29739
Amount: 2.140195
Amount Units: ug/L



Manual Integration Results

RT: 2.59
Area: 25562
Amount: 1.953702
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:35:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

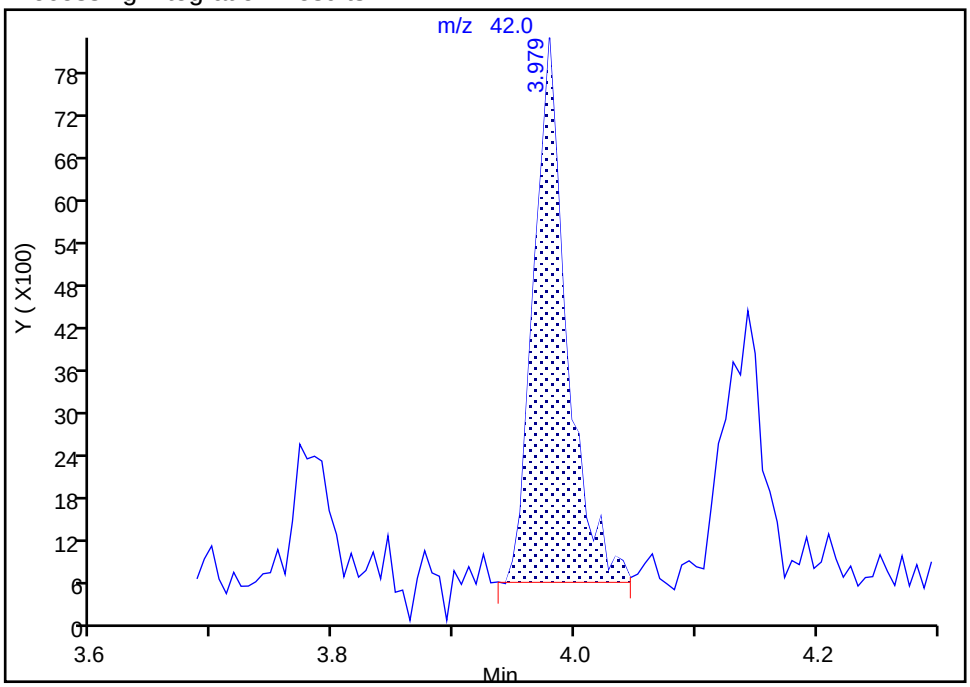
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

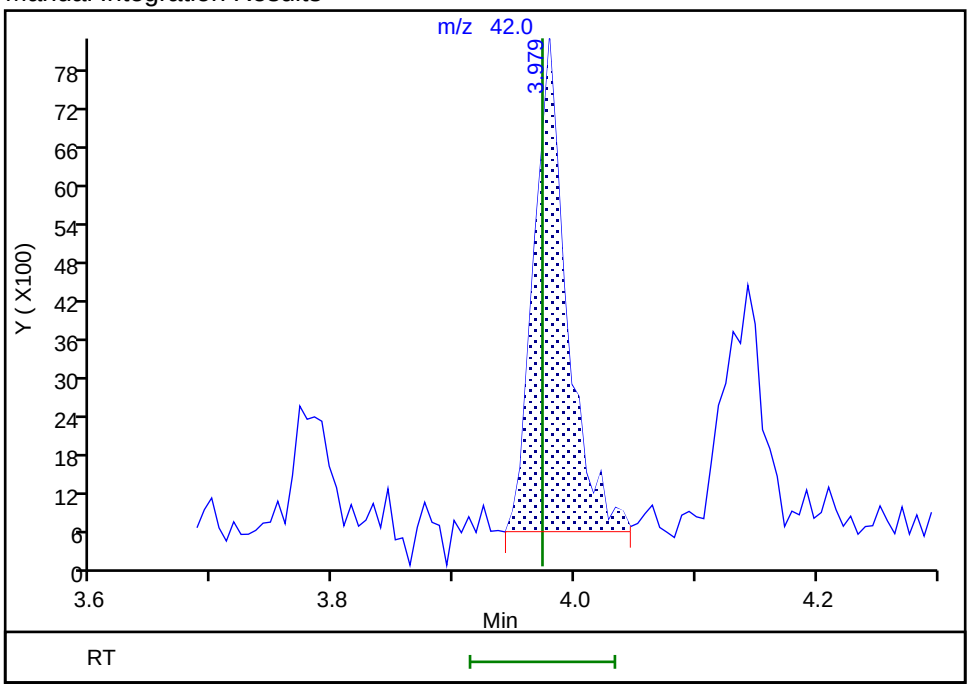
Processing Integration Results

RT: 3.98
Area: 14500
Amount: 3.701516
Amount Units: ug/L



Manual Integration Results

RT: 3.98
Area: 14749
Amount: 4.103665
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:29:57 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

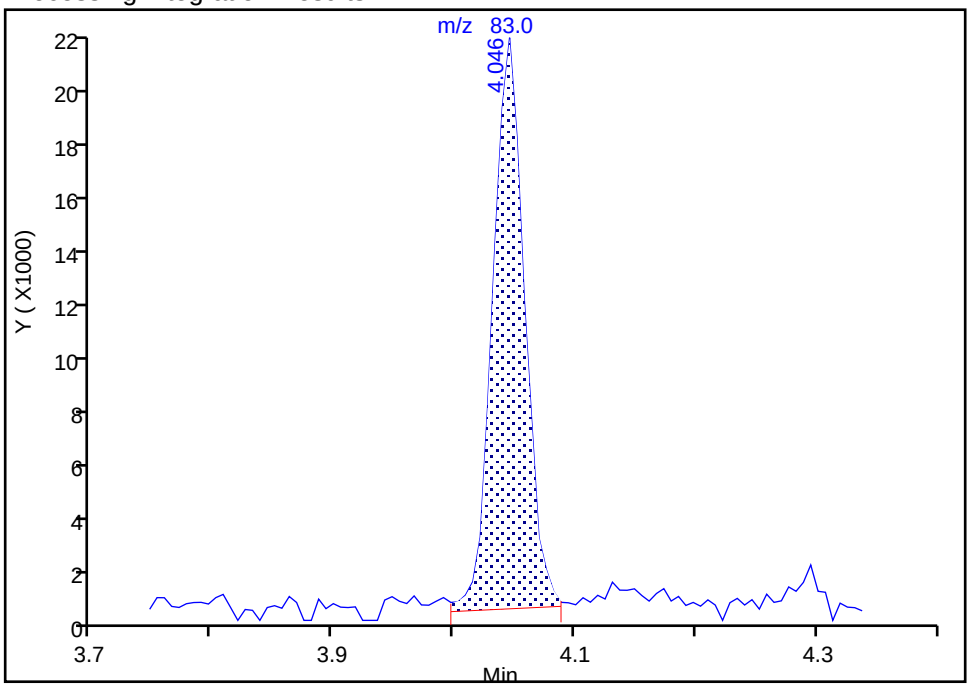
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

50 Chloroform, CAS: 67-66-3

Signal: 1

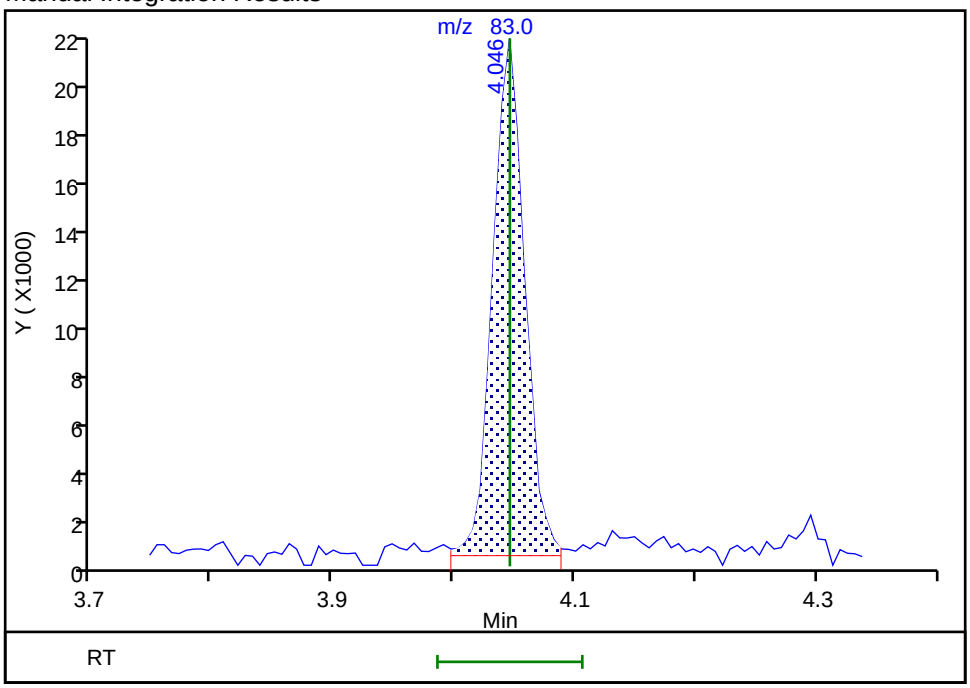
Processing Integration Results

RT: 4.05
Area: 38702
Amount: 1.892187
Amount Units: ug/L



Manual Integration Results

RT: 4.05
Area: 39312
Amount: 2.062706
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:29:35 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

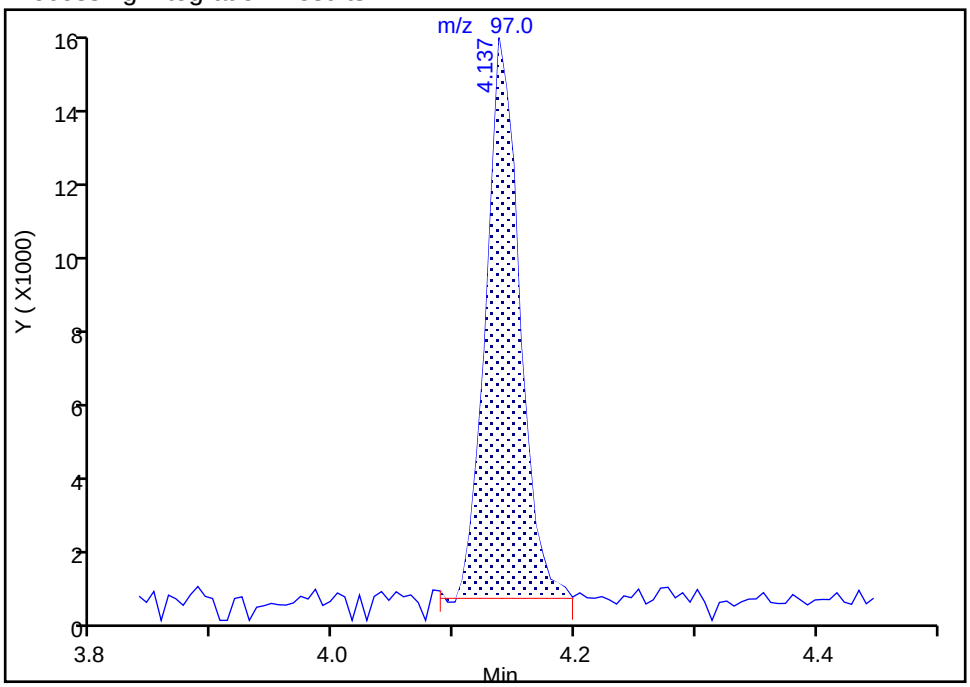
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

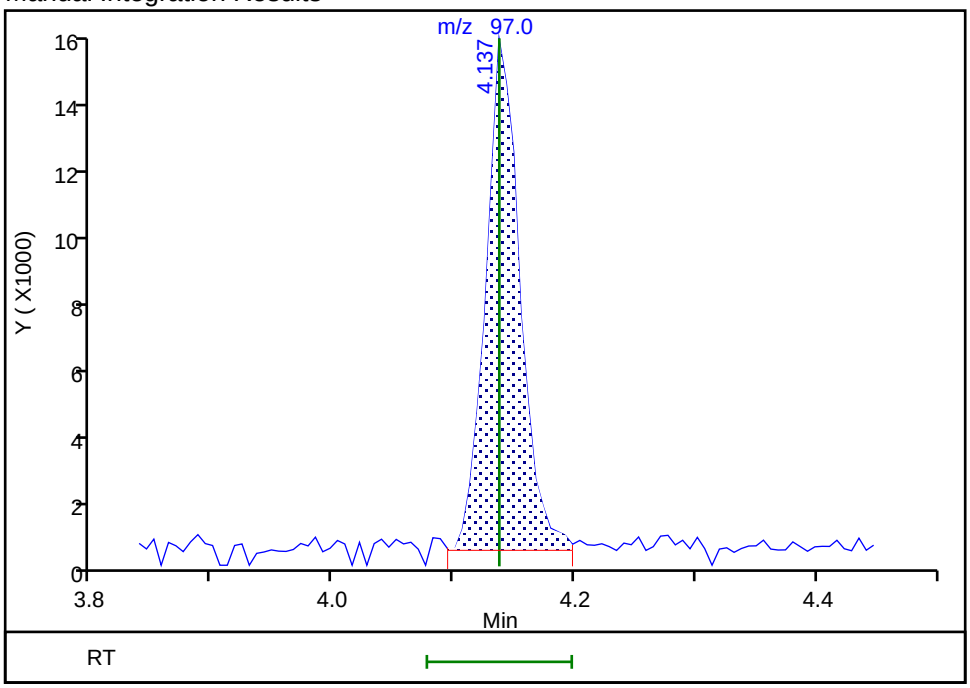
Processing Integration Results

RT: 4.14
Area: 28707
Amount: 1.963735
Amount Units: ug/L



Manual Integration Results

RT: 4.14
Area: 29608
Amount: 2.023202
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:30:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

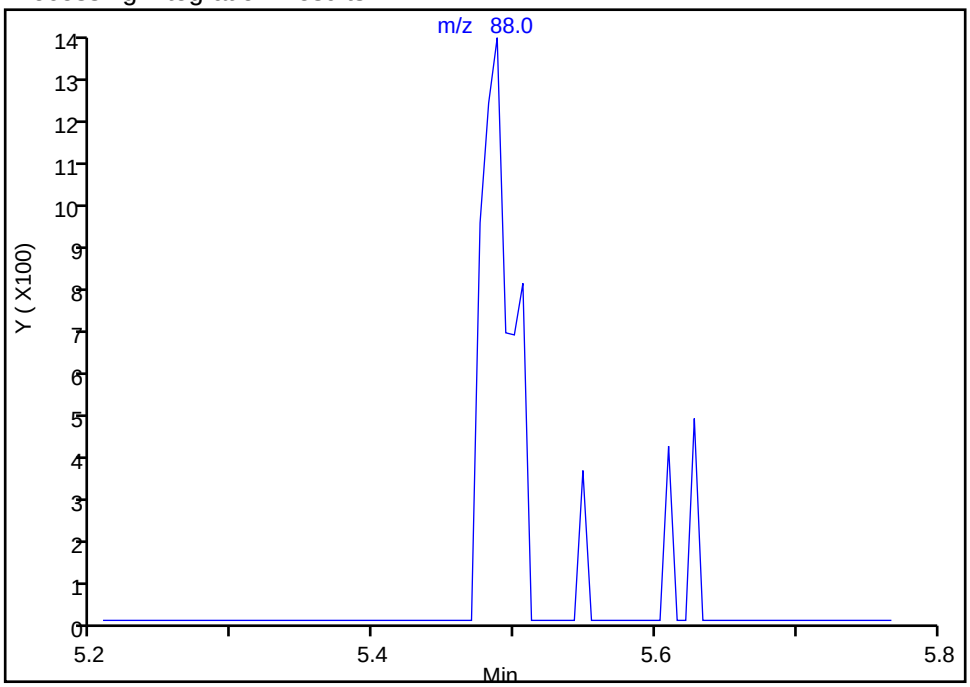
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

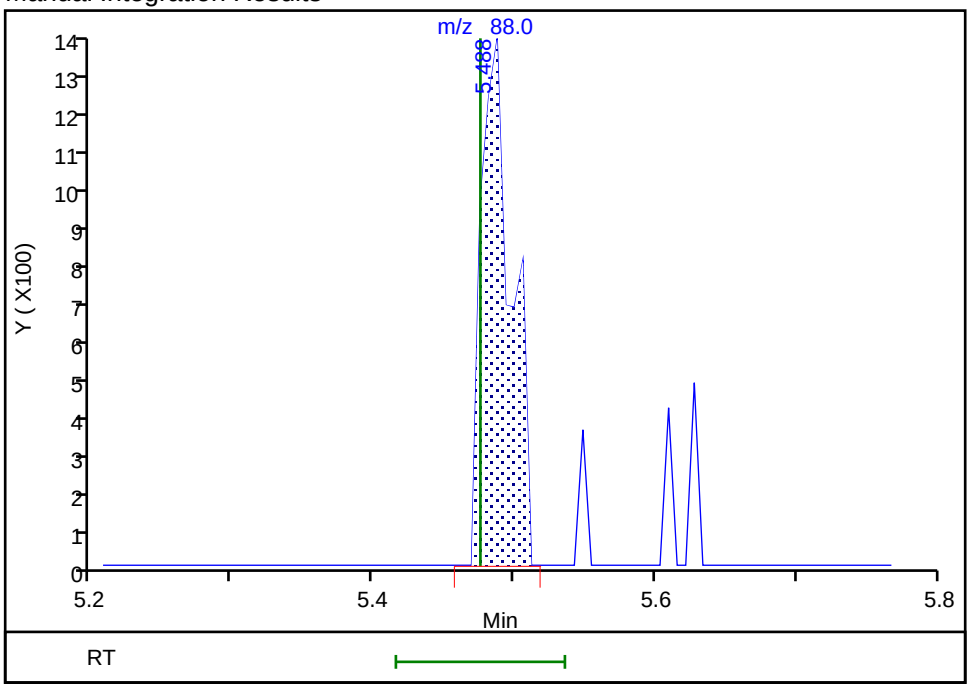
Not Detected
Expected RT: 5.48

Processing Integration Results



RT: 5.49
Area: 2094
Amount: 32.565433
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 07-May-2024 08:30:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

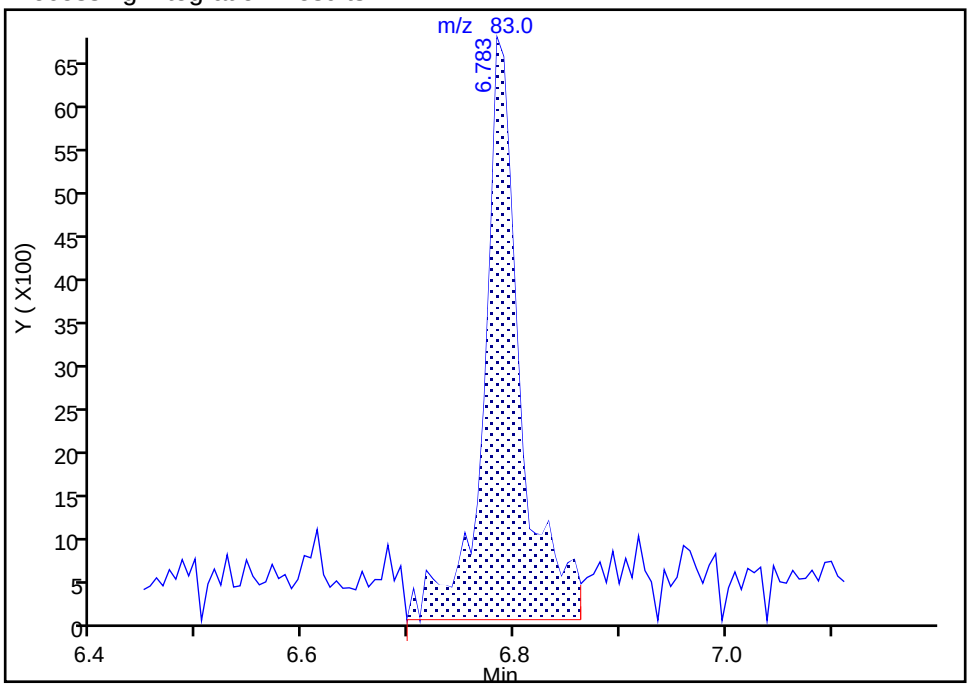
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

79 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

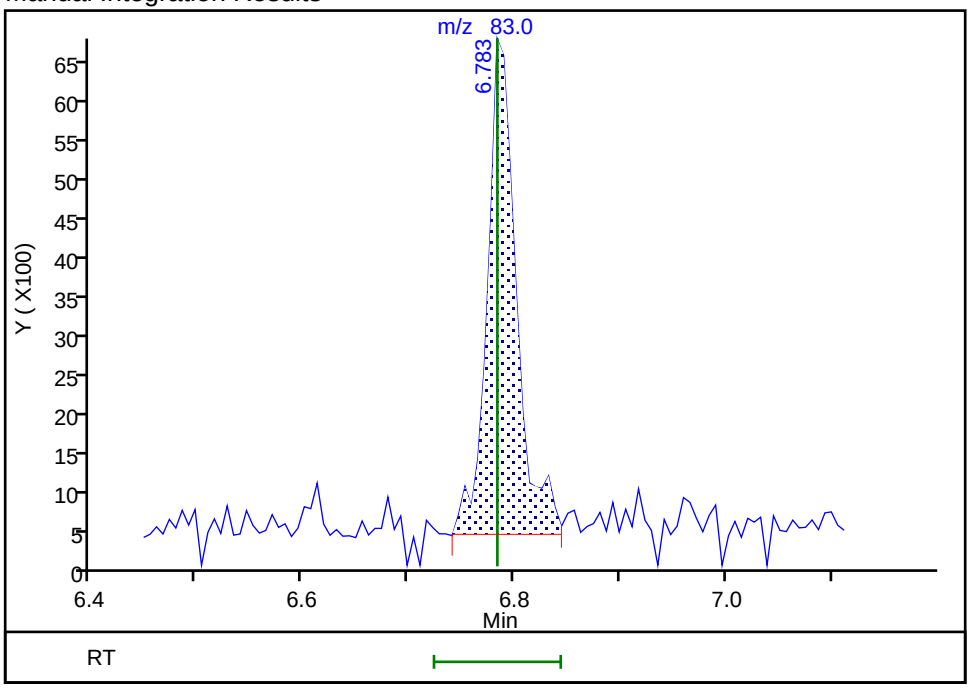
Processing Integration Results

RT: 6.78
Area: 16293
Amount: 2.132545
Amount Units: ug/L



Manual Integration Results

RT: 6.78
Area: 12093
Amount: 2.147716
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:42:26 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

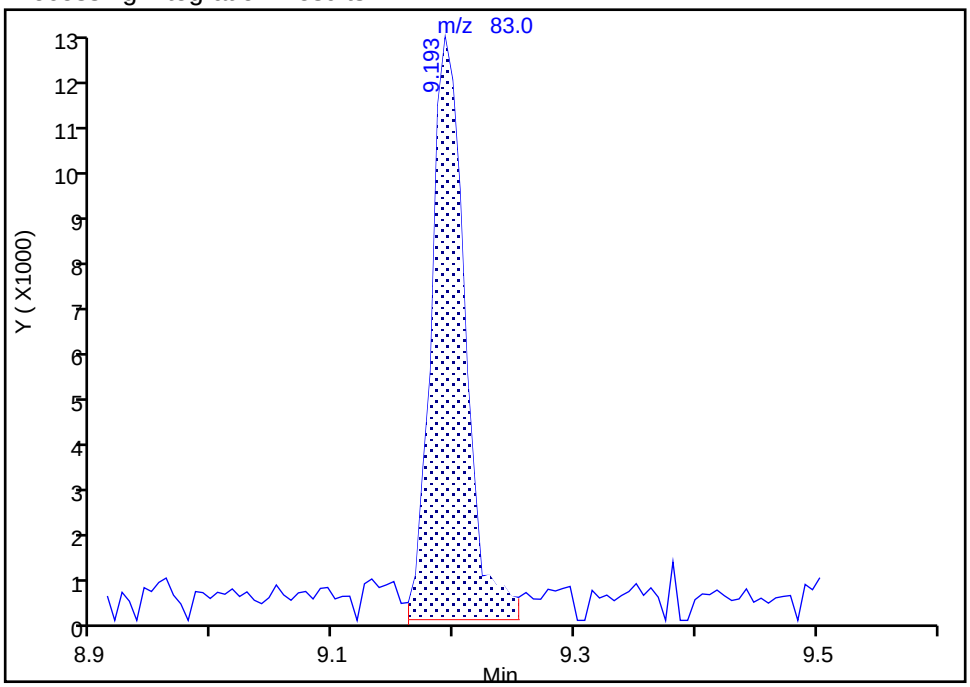
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

97 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

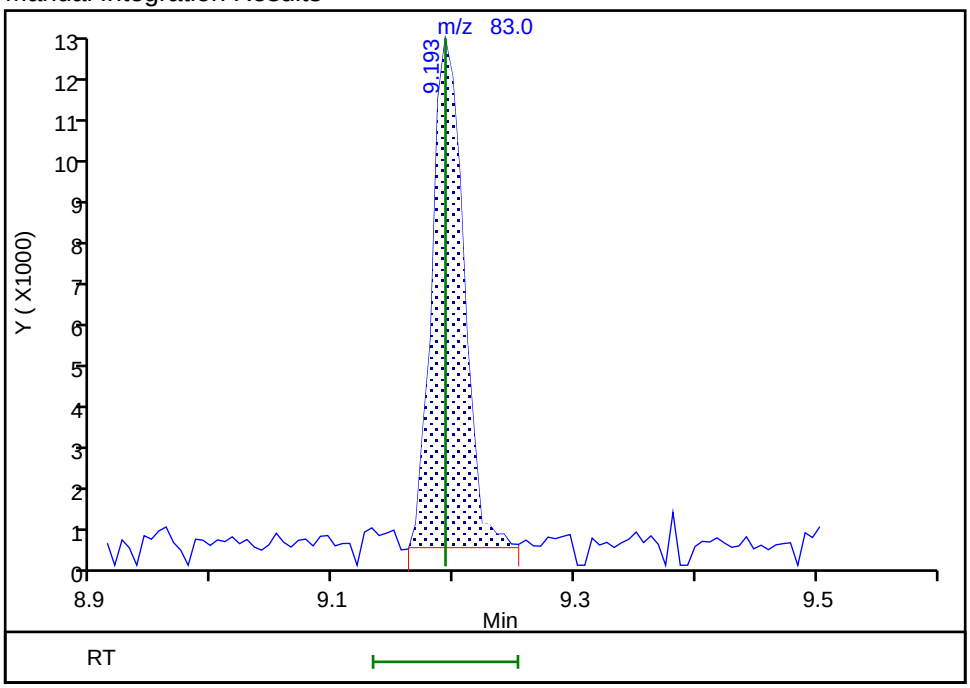
Processing Integration Results

RT: 9.19
Area: 24274
Amount: 1.996959
Amount Units: ug/L



Manual Integration Results

RT: 9.19
Area: 22038
Amount: 1.967814
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:46:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

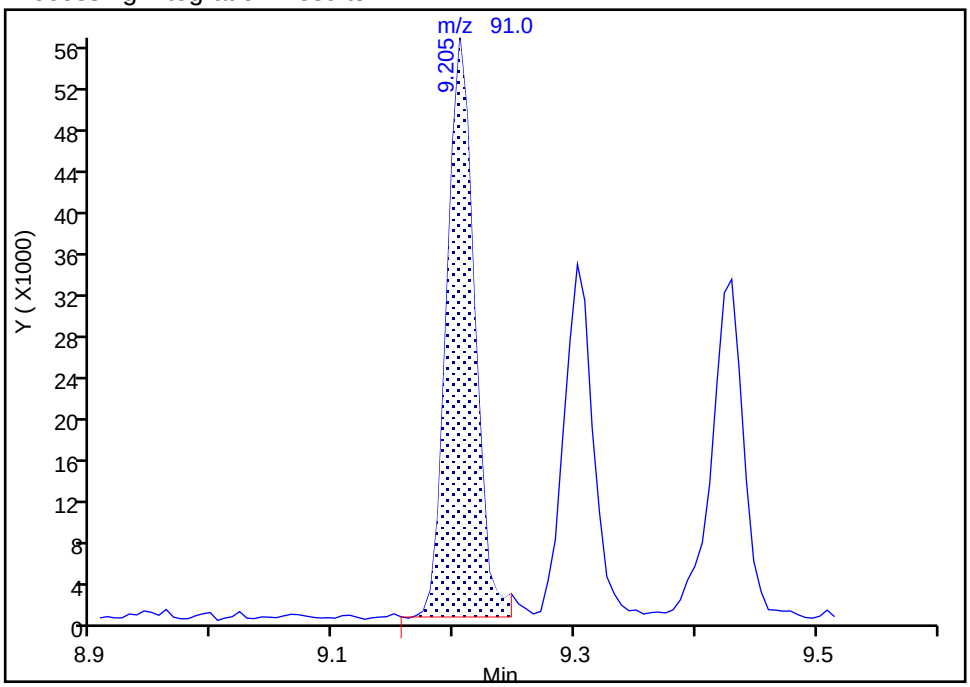
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8305.d				
Injection Date:	06-May-2024 17:36:30	Instrument ID:	HP5973S		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

99 N-Propylbenzene, CAS: 103-65-1

Signal: 1

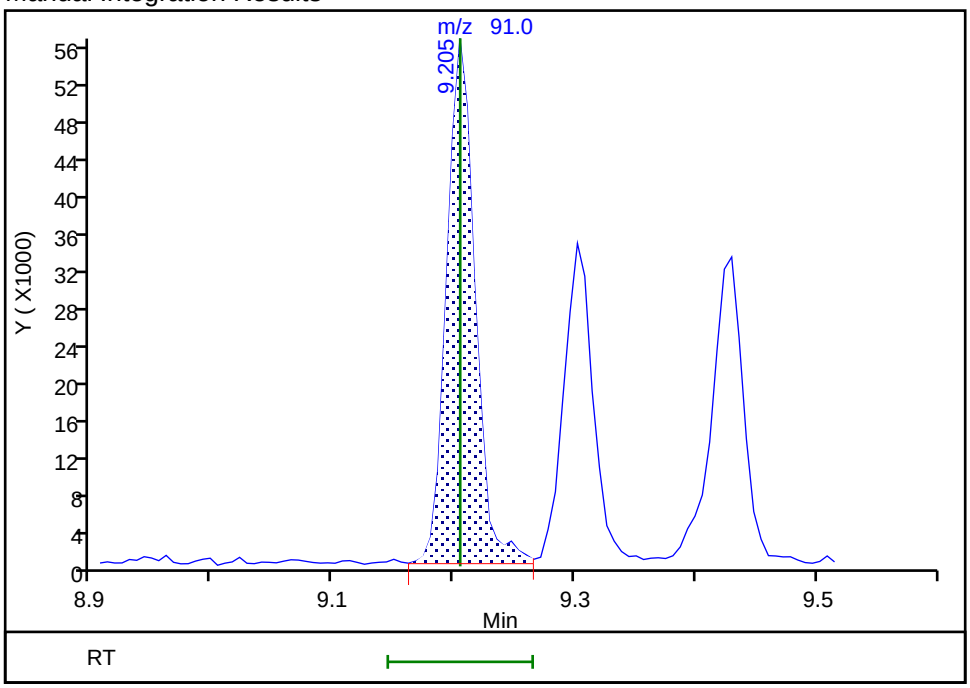
Processing Integration Results

RT: 9.20
Area: 89560
Amount: 1.935407
Amount Units: ug/L



Manual Integration Results

RT: 9.20
Area: 91044
Amount: 1.939826
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:31:30 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8306.d
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 06-May-2024 17:59:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0117811-016
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:51:31 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:27:43

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	194601	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	86	341503	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	88	359546	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	264868	25.0	24.2	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	98	160765	25.0	25.0	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	91	837970	25.0	25.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	87	252929	25.0	24.9	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	87	64057	5.00	4.67	
12 Chloromethane	50	1.132	1.126	0.006	88	69589	5.00	5.27	M
13 Vinyl chloride	62	1.205	1.205	0.000	96	55225	5.00	5.11	
151 Butadiene	54	1.217	1.217	0.000	92	63193	5.00	5.18	
14 Bromomethane	94	1.448	1.448	0.000	88	33488	5.00	4.65	
15 Chloroethane	64	1.509	1.509	0.000	93	40401	5.00	5.15	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	80	100570	5.00	5.14	
17 Trichlorofluoromethane	101	1.698	1.692	0.006	65	79232	5.00	5.22	
18 Ethyl ether	59	1.917	1.917	0.000	91	51304	5.00	5.03	
20 Acrolein	56	2.081	2.081	0.000	84	28277	25.0	25.6	M
22 1,1-Dichloroethene	96	2.105	2.111	-0.006	96	45576	5.00	5.15	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	66	44239	5.00	5.01	
23 Acetone	43	2.221	2.221	0.000	98	103006	25.0	24.4	
25 Iodomethane	142	2.251	2.251	0.000	99	82078	5.00	5.08	
26 Carbon disulfide	76	2.282	2.282	0.000	99	144715	5.00	4.95	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	89	98229	5.00	5.00	
27 Methyl acetate	43	2.501	2.501	0.000	95	103034	10.0	9.69	
30 Methylene Chloride	84	2.586	2.586	0.000	87	62852	5.00	5.45	
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	83	77360	50.0	48.1	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	90	192559	5.00	4.95	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	85	55092	5.00	4.91	
33 Acrylonitrile	53	2.860	2.860	0.000	98	255303	50.0	48.8	
35 Hexane	57	2.981	2.988	-0.007	93	67137	5.00	5.10	

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	3.200	-0.006	97	97899	5.00	5.10	
37 Vinyl acetate	43	3.261	3.261	0.000	97	223072	10.0	10.0	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	91	61628	5.00	4.84	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	66	64953	5.00	5.00	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	100	123599	25.0	24.8	
48 Chlorobromomethane	128	3.961	3.961	0.000	95	32051	5.00	5.16	
49 Tetrahydrofuran	42	3.979	3.973	0.006	88	35844	10.0	9.34	
50 Chloroform	83	4.046	4.046	0.000	80	102621	5.00	5.04	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	86	81214	5.00	5.20	
52 Cyclohexane	56	4.137	4.137	0.000	87	90970	5.00	4.97	
55 Carbon tetrachloride	117	4.271	4.271	0.000	80	69070	5.00	4.95	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	84	68281	5.00	5.31	
57 Benzene	78	4.484	4.484	0.000	76	194974	5.00	5.06	
53 Isobutyl alcohol	43	4.551	4.545	0.006	59	59066	125.0	108.0	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	70	73470	5.00	5.05	
59 n-Heptane	43	4.679	4.679	0.000	88	54966	5.00	4.62	
62 Trichloroethene	95	5.092	5.092	0.000	95	51830	5.00	5.12	
64 Methylcyclohexane	83	5.196	5.196	0.000	91	83809	5.00	4.75	
65 1,2-Dichloropropane	63	5.324	5.324	0.000	88	43696	5.00	5.09	
67 Dibromomethane	93	5.464	5.464	0.000	85	31707	5.00	4.81	
66 1,4-Dioxane	88	5.476	5.476	0.000	19	8515	100.0	124.6	
68 Dichlorobromomethane	83	5.622	5.622	0.000	89	67435	5.00	5.41	
69 2-Chloroethyl vinyl ether	63	5.920	5.914	0.006	83	21959	5.00	4.89	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	80	68008	5.00	5.23	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	97	281296	25.0	24.2	
74 Toluene	92	6.309	6.309	0.000	75	111754	5.00	5.10	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	95	58217	5.00	5.31	
75 Ethyl methacrylate	69	6.662	6.662	0.000	70	58823	5.00	5.24	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	86	31377	5.00	5.24	
81 Tetrachloroethene	166	6.826	6.826	0.000	82	46993	5.00	5.13	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	92	62180	5.00	5.29	
80 2-Hexanone	43	7.027	7.021	0.006	97	153175	25.0	24.6	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	77	42127	5.00	5.01	
84 Ethylene Dibromide	107	7.258	7.258	0.000	94	36068	5.00	4.89	
87 Chlorobenzene	112	7.733	7.733	0.000	93	120601	5.00	5.25	
88 Ethylbenzene	91	7.836	7.830	0.006	98	205161	5.00	5.23	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	41	47957	5.00	5.09	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	81523	5.00	5.21	
91 o-Xylene	106	8.371	8.378	-0.007	97	90976	5.00	5.26	
92 Styrene	104	8.408	8.408	0.000	92	121668	5.00	4.99	
95 Bromoform	173	8.645	8.645	0.000	83	27240	5.00	4.70	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	224644	5.00	5.27	
101 Bromobenzene	156	9.101	9.102	-0.001	91	53421	5.00	5.37	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	58	60271	5.00	5.15	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	255738	5.00	5.21	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	60	19703	5.00	4.70	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	89	17259	5.00	4.70	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	55666	5.00	5.46	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	96	195675	5.00	5.26	
105 4-Chlorotoluene	126	9.424	9.424	0.000	95	50926	5.00	5.31	
106 tert-Butylbenzene	134	9.728	9.728	0.000	86	38060	5.00	4.96	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	66	199262	5.00	5.11	

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	93	232420	5.00	5.26	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	105219	5.00	5.24	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	96	212114	5.00	5.14	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	76	105627	5.00	5.11	
115 n-Butylbenzene	91	10.507	10.507	0.000	94	188521	5.00	5.22	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	96	113938	5.00	5.30	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	63	15262	5.00	5.02	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	92	91282	5.00	5.16	
120 Hexachlorobutadiene	225	12.089	12.089	0.000	90	37019	5.00	5.48	
121 Naphthalene	128	12.180	12.180	0.000	97	281926	5.00	5.08	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	89129	5.00	5.09	
S 125 1,2-Dichloroethene, Total	1				0			9.91	
S 123 Total BTEX	1				0			25.9	
S 126 1,3-Dichloropropene, Total	1				0			10.5	
S 124 Xylenes, Total	1				0			10.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

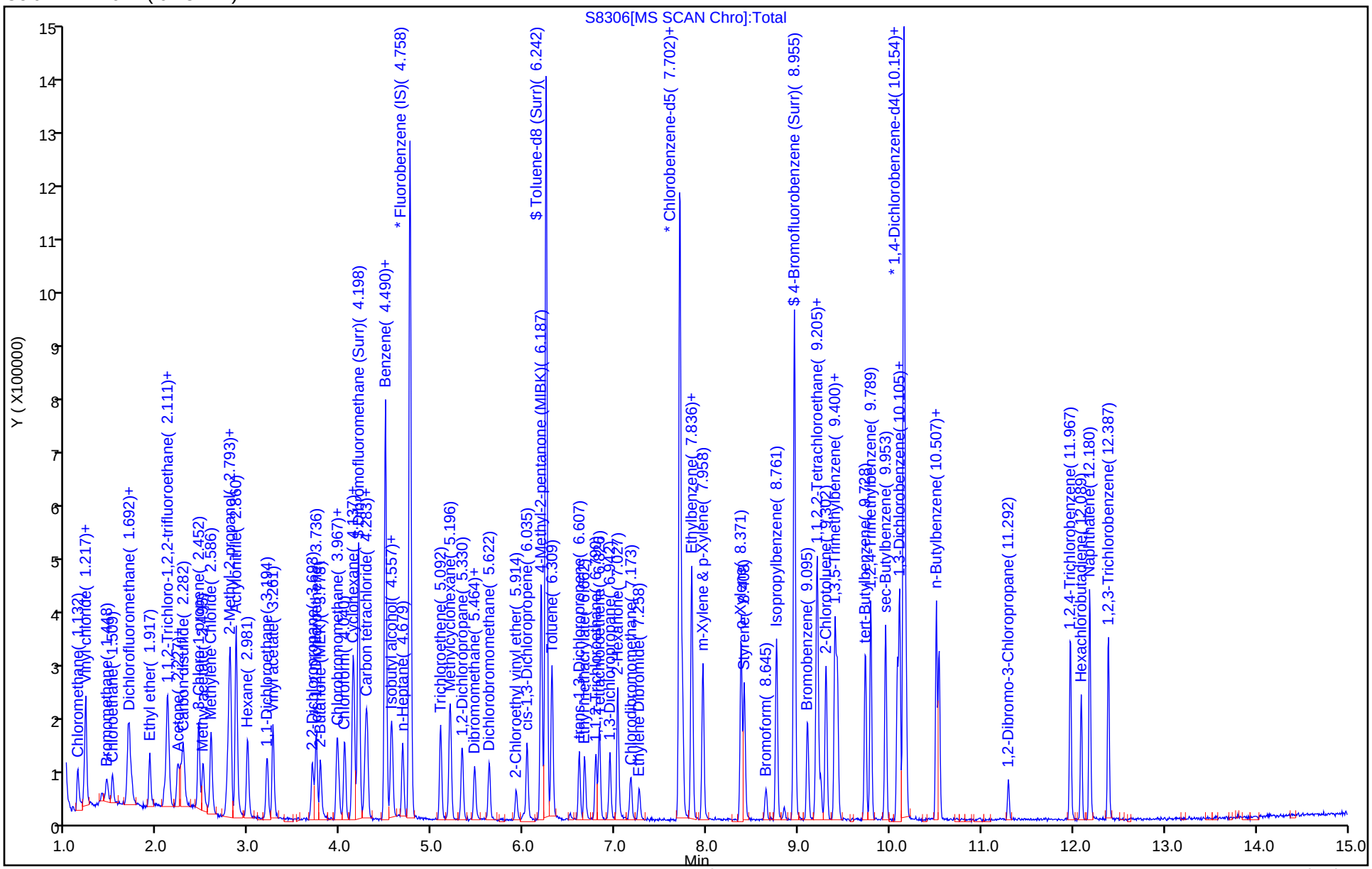
8260 CORP mix_00254	Amount Added:	5.00	Units: uL	
GAS CORP mix_00618	Amount Added:	5.00	Units: uL	
S_8260_IS_00388	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:51:32 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8306.d				
Injection Date:	06-May-2024 17:59:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

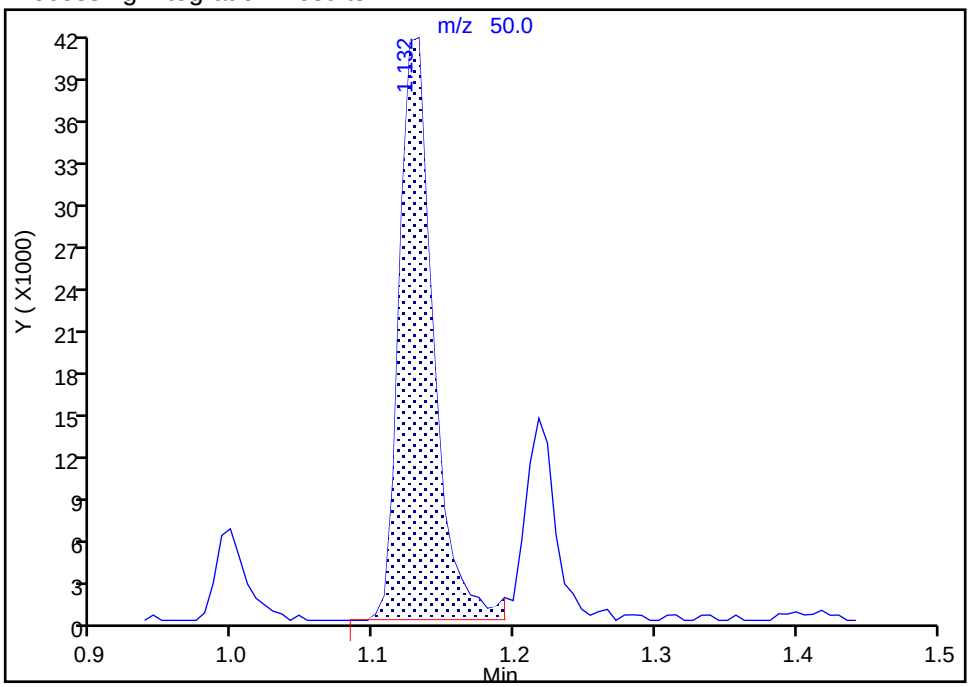
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8306.d				
Injection Date:	06-May-2024 17:59:30	Instrument ID:	HP5973S		
Lims ID:	IC 3				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

12 Chloromethane, CAS: 74-87-3

Signal: 1

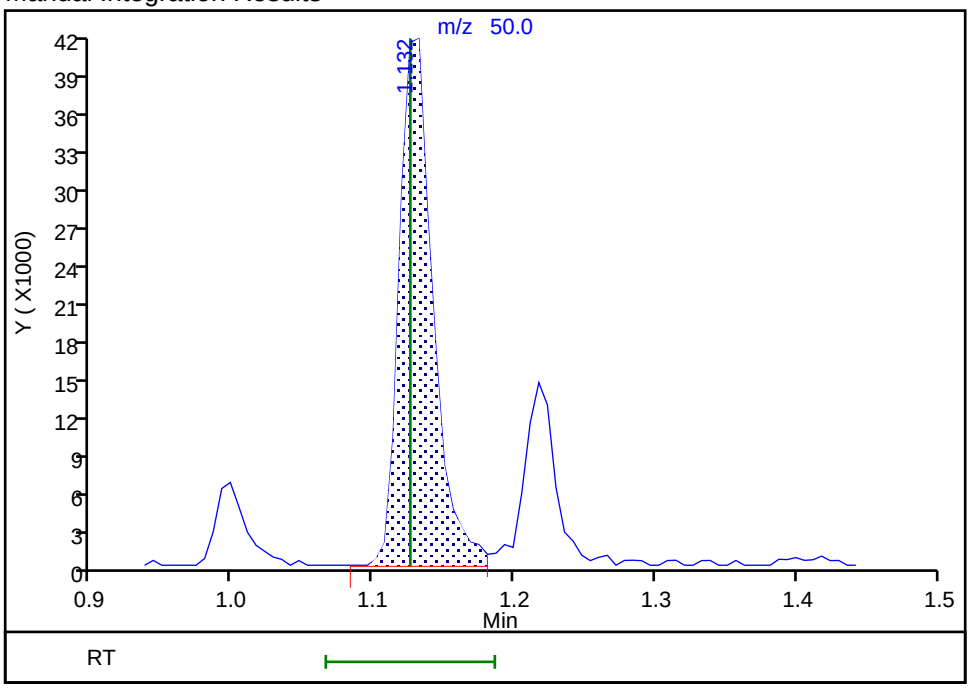
Processing Integration Results

RT: 1.13
Area: 70610
Amount: 5.315104
Amount Units: ug/L



Manual Integration Results

RT: 1.13
Area: 69589
Amount: 5.265502
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:27:07 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

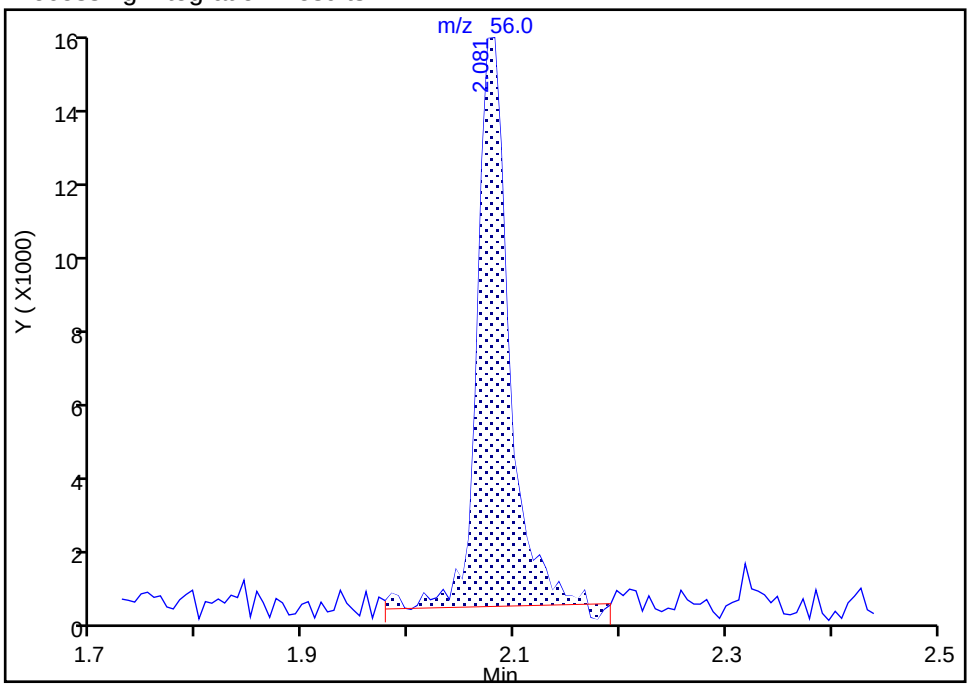
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8306.d				
Injection Date:	06-May-2024 17:59:30	Instrument ID:	HP5973S		
Lims ID:	IC 3				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

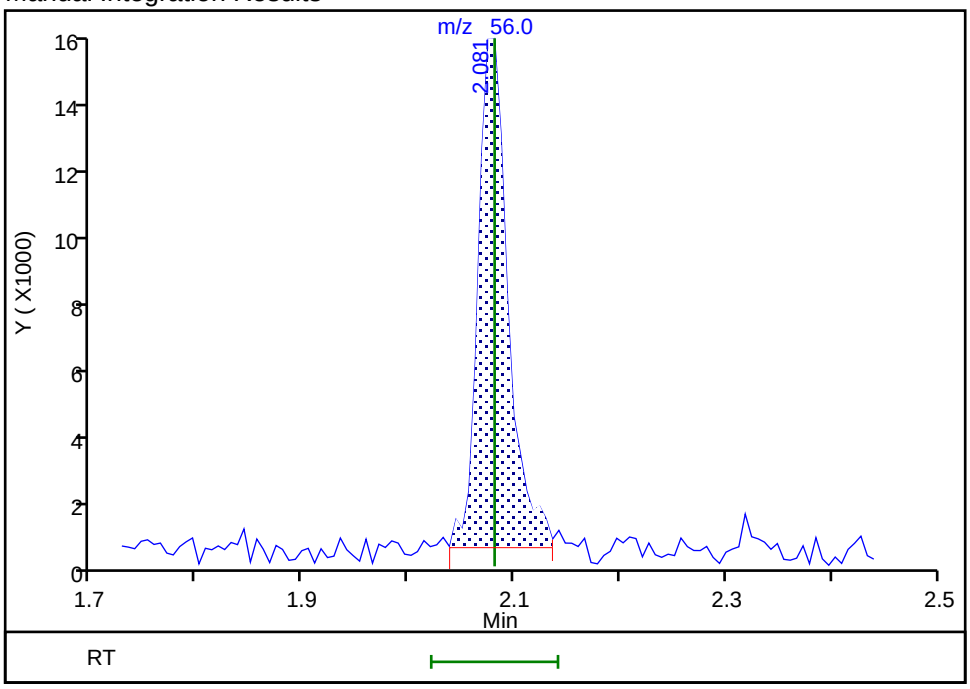
Processing Integration Results

RT: 2.08
Area: 30516
Amount: 26.223131
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 28277
Amount: 25.617501
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:23:19 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

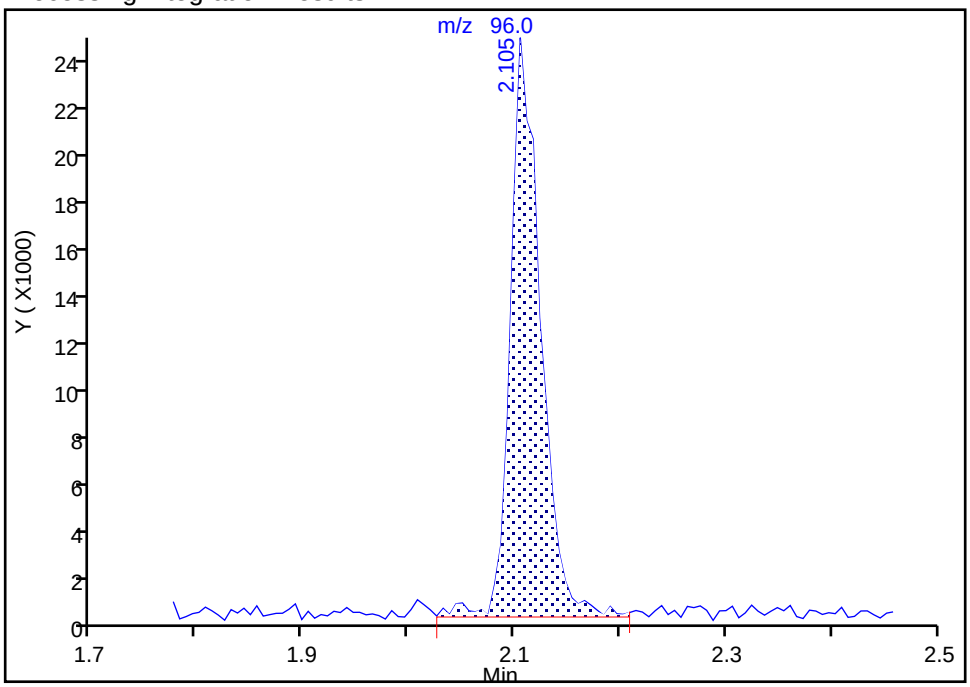
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8306.d				
Injection Date:	06-May-2024 17:59:30	Instrument ID:	HP5973S		
Lims ID:	IC 3				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

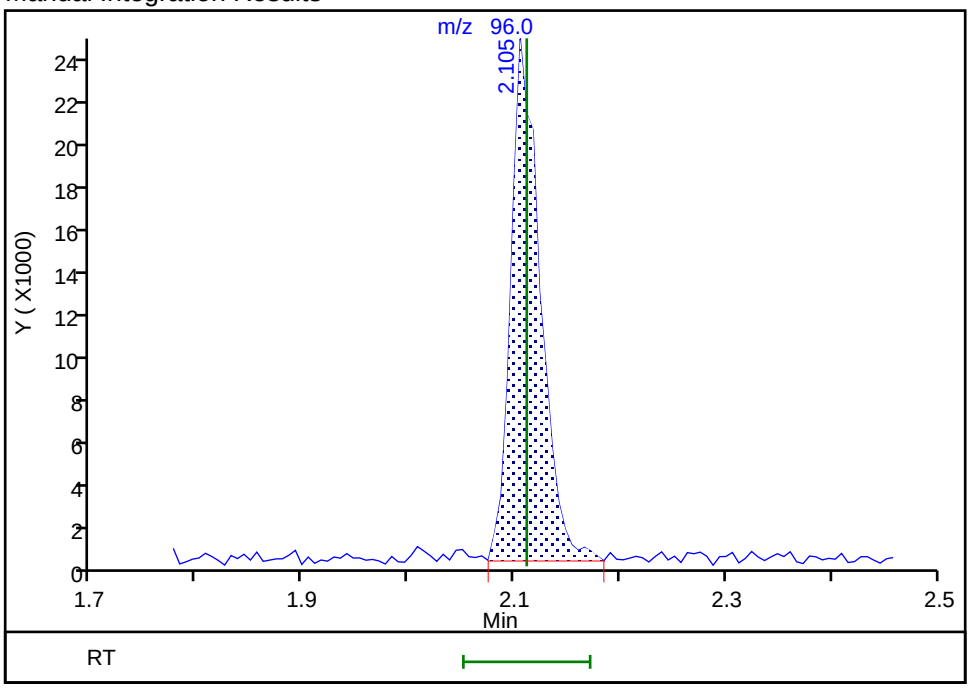
Processing Integration Results

RT: 2.11
Area: 46835
Amount: 4.811822
Amount Units: ug/L



Manual Integration Results

RT: 2.11
Area: 45576
Amount: 5.149904
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:24:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 06-May-2024 18:22:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0117811-017
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:51:48 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:26:36

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	185096	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	85	330973	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	84	352520	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	64	265817	25.0	25.6	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	84	155214	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	78	802606	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	87	245395	25.0	24.9	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	86	137296	10.0	10.5	
12 Chloromethane	50	1.126	1.126	0.000	88	133283	10.0	10.6	
13 Vinyl chloride	62	1.205	1.205	0.000	82	112480	10.0	10.9	
151 Butadiene	54	1.217	1.217	0.000	93	125217	10.0	10.8	
14 Bromomethane	94	1.448	1.448	0.000	89	73724	10.0	10.8	
15 Chloroethane	64	1.509	1.509	0.000	95	79060	10.0	10.6	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	81	202321	10.0	10.9	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	66	158773	10.0	11.0	
18 Ethyl ether	59	1.917	1.917	0.000	92	101253	10.0	10.4	
20 Acrolein	56	2.075	2.081	-0.006	91	57036	50.0	54.3	
22 1,1-Dichloroethene	96	2.111	2.111	0.000	88	85814	10.0	10.2	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	61	85383	10.0	10.2	
23 Acetone	43	2.221	2.221	0.000	97	214371	50.0	53.4	
25 Iodomethane	142	2.251	2.251	0.000	99	163208	10.0	10.6	
26 Carbon disulfide	76	2.282	2.282	0.000	98	290402	10.0	10.4	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	88	189555	10.0	10.1	
27 Methyl acetate	43	2.495	2.501	-0.006	95	211035	20.0	20.9	M
30 Methylene Chloride	84	2.586	2.586	0.000	95	114271	10.0	11.1	
31 2-Methyl-2-propanol	59	2.756	2.762	-0.006	92	145169	100.0	94.9	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	97	390300	10.0	10.6	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	86	109378	10.0	10.3	
33 Acrylonitrile	53	2.860	2.860	0.000	98	514050	100.0	103.3	
35 Hexane	57	2.981	2.988	-0.007	90	127760	10.0	10.2	

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	3.200	-0.006	85	191209	10.0	10.5	
37 Vinyl acetate	43	3.261	3.261	0.000	97	440340	20.0	20.8	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	90	125856	10.0	10.4	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	69	124057	10.0	10.0	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	99	242161	50.0	51.1	
48 Chlorobromomethane	128	3.961	3.961	0.000	94	61290	10.0	10.4	
49 Tetrahydrofuran	42	3.973	3.973	0.000	89	75713	20.0	20.7	
50 Chloroform	83	4.046	4.046	0.000	95	193865	10.0	10.0	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	87	157181	10.0	10.6	
52 Cyclohexane	56	4.137	4.137	0.000	85	175925	10.0	10.1	
55 Carbon tetrachloride	117	4.271	4.271	0.000	80	135130	10.0	10.2	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	91	129158	10.0	10.6	
57 Benzene	78	4.484	4.484	0.000	93	382093	10.0	10.4	
53 Isobutyl alcohol	43	4.551	4.545	0.006	60	131332	250.0	252.4	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	74	145525	10.0	10.5	
59 n-Heptane	43	4.679	4.679	0.000	89	110503	10.0	9.76	
62 Trichloroethene	95	5.092	5.092	0.000	95	95354	10.0	9.90	
64 Methylcyclohexane	83	5.196	5.196	0.000	91	175189	10.0	10.4	
65 1,2-Dichloropropane	63	5.324	5.324	0.000	89	83460	10.0	10.2	
67 Dibromomethane	93	5.464	5.464	0.000	88	62523	10.0	9.98	
66 1,4-Dioxane	88	5.476	5.476	0.000	53	13867	200.0	209.3	
68 Dichlorobromomethane	83	5.622	5.622	0.000	89	119465	10.0	10.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	92	46395	10.0	10.9	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	89	131703	10.0	10.6	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	98	565739	50.0	50.1	
74 Toluene	92	6.309	6.309	0.000	84	212467	10.0	10.0	
77 trans-1,3-Dichloropropene	75	6.607	6.601	0.006	93	111994	10.0	10.5	
75 Ethyl methacrylate	69	6.662	6.662	0.000	71	111604	10.0	10.3	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	85	61148	10.0	10.5	
81 Tetrachloroethene	166	6.826	6.826	0.000	83	90927	10.0	10.3	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	95	115000	10.0	10.1	
80 2-Hexanone	43	7.027	7.021	0.006	98	299022	50.0	49.6	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	87	83447	10.0	10.2	
84 Ethylene Dibromide	107	7.258	7.258	0.000	96	74579	10.0	10.4	
87 Chlorobenzene	112	7.733	7.733	0.000	93	230403	10.0	10.3	
88 Ethylbenzene	91	7.836	7.830	0.006	98	401898	10.0	10.6	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	47	101875	10.0	11.2	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	98	159751	10.0	10.5	
91 o-Xylene	106	8.371	8.378	-0.007	97	176431	10.0	10.5	M
92 Styrene	104	8.408	8.408	0.000	95	249341	10.0	10.6	M
95 Bromoform	173	8.645	8.645	0.000	96	56879	10.0	10.1	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	441281	10.0	10.5	
101 Bromobenzene	156	9.101	9.102	-0.001	93	102371	10.0	10.5	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	59	120673	10.0	10.5	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	506955	10.0	10.5	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	62	39478	10.0	9.60	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	1	34427	10.0	9.56	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	108033	10.0	10.8	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	95	382668	10.0	10.5	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	99818	10.0	10.6	
106 tert-Butylbenzene	134	9.728	9.728	0.000	90	77372	10.0	10.3	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	65	408791	10.0	10.7	

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	470498	10.0	10.9	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	209582	10.0	10.7	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	94	433197	10.0	10.7	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	90	208906	10.0	10.3	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	379614	10.0	10.7	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	96	223663	10.0	10.6	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	71	31302	10.0	10.5	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	187958	10.0	10.8	
120 Hexachlorobutadiene	225	12.089	12.089	-0.001	92	71431	10.0	10.8	
121 Naphthalene	128	12.180	12.180	0.000	97	579785	10.0	10.6	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	92	183226	10.0	10.7	
S 125 1,2-Dichloroethene, Total	1				0			20.3	
S 123 Total BTEX	1				0			52.1	
S 126 1,3-Dichloropropene, Total	1				0			21.2	
S 124 Xylenes, Total	1				0			21.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00254	Amount Added:	5.00	Units: uL	
GAS CORP mix_00618	Amount Added:	5.00	Units: uL	
S_8260_IS_00388	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:51:50 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d

Injection Date: 06-May-2024 18:22:30 Instrument ID: HP5973S Operator ID: ZN

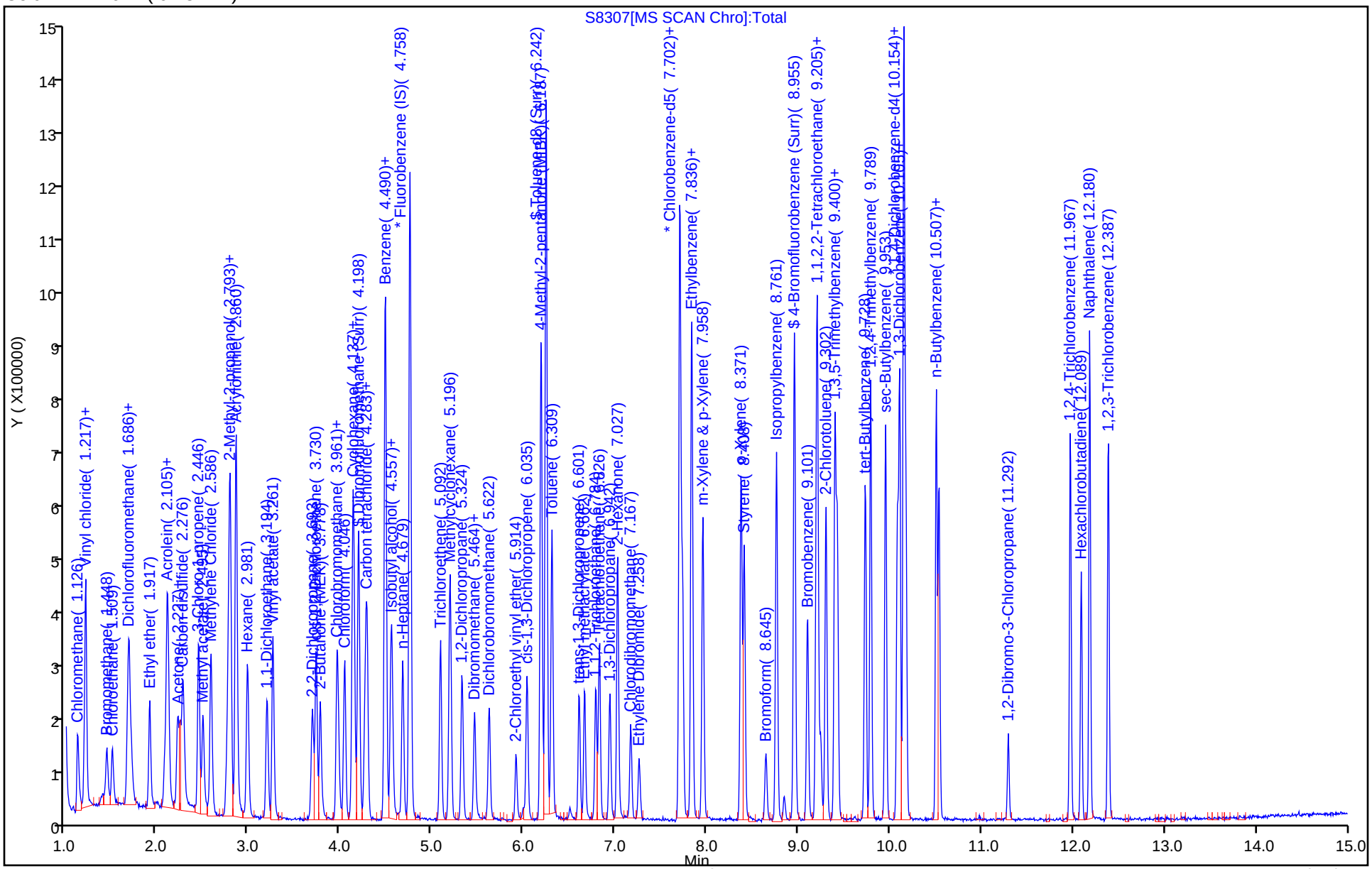
Lims ID: IC 4 Worklist Smp#: 17

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)



Eurofins Buffalo

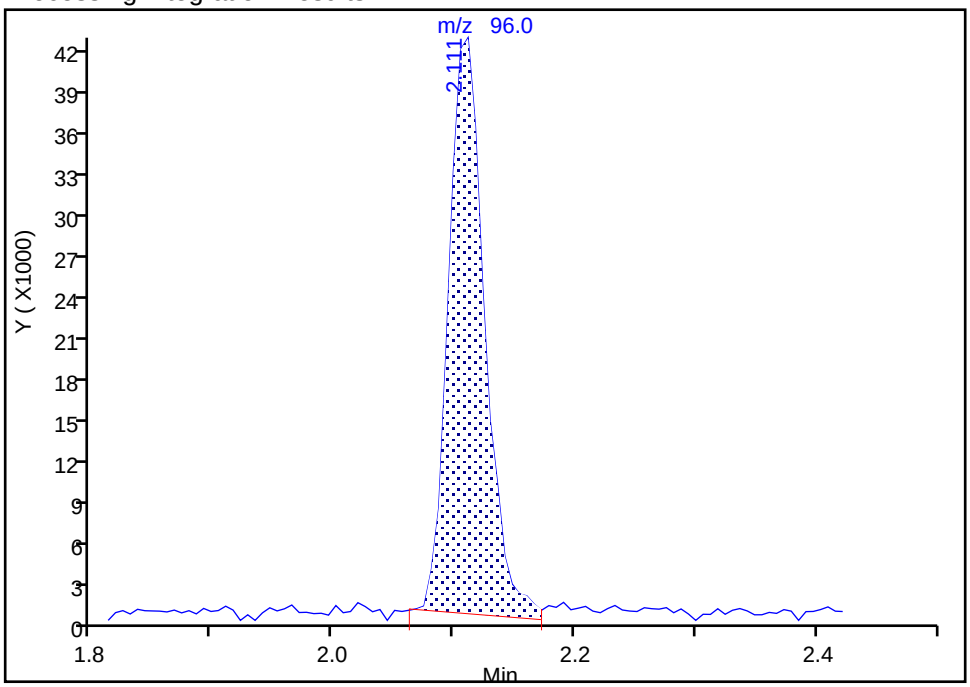
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d				
Injection Date:	06-May-2024 18:22:30	Instrument ID:	HP5973S		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

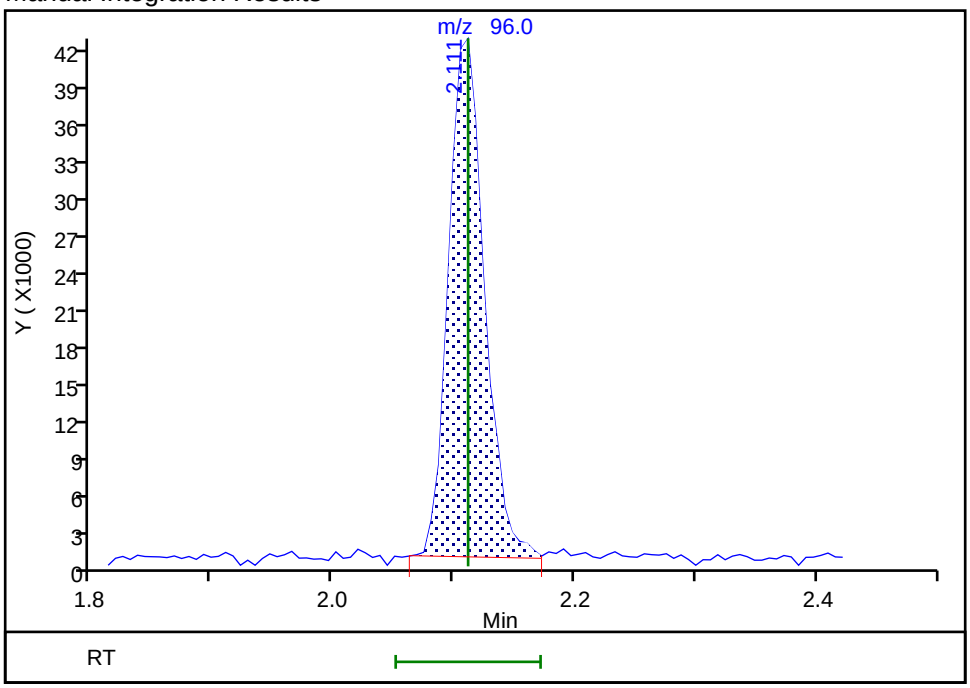
Processing Integration Results

RT: 2.11
Area: 87805
Amount: 9.641986
Amount Units: ug/L



Manual Integration Results

RT: 2.11
Area: 85814
Amount: 10.194576
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:27:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

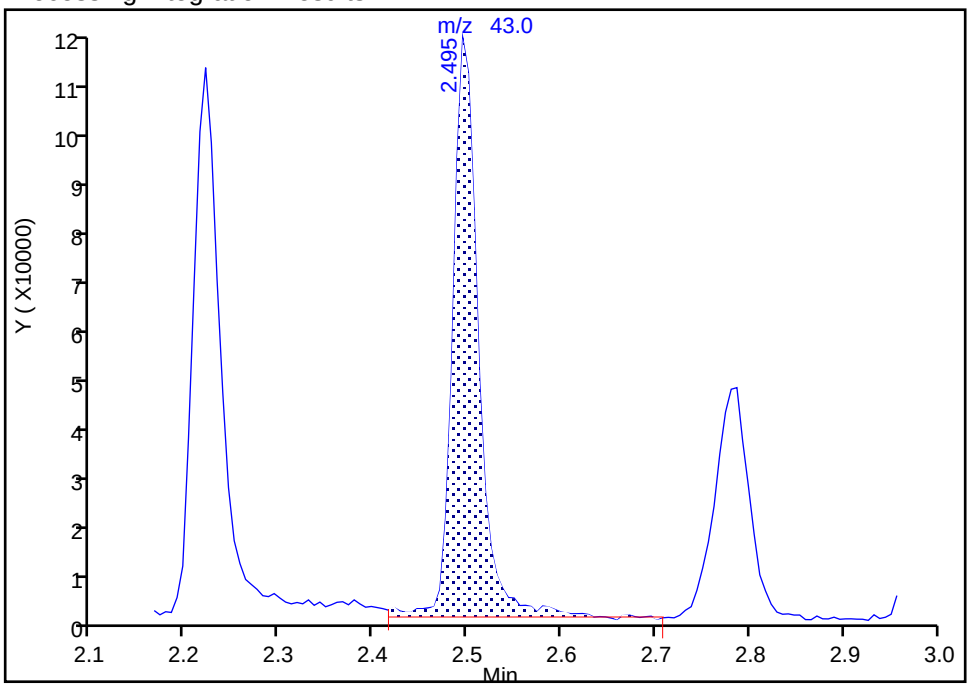
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d				
Injection Date:	06-May-2024 18:22:30	Instrument ID:	HP5973S		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

27 Methyl acetate, CAS: 79-20-9

Signal: 1

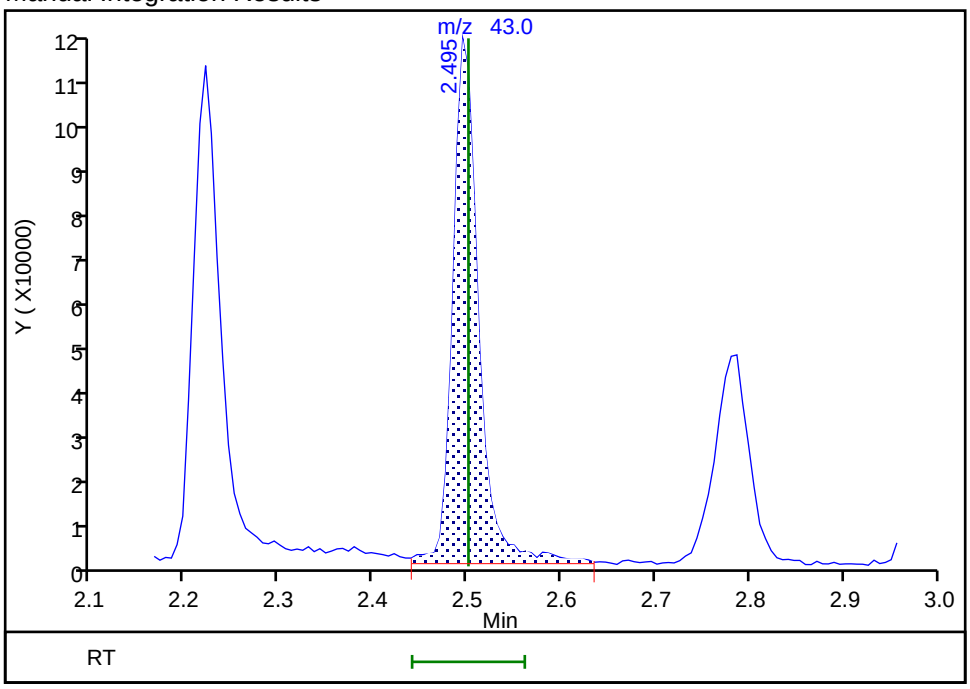
Processing Integration Results

RT: 2.49
Area: 213601
Amount: 18.318289
Amount Units: ug/L



Manual Integration Results

RT: 2.49
Area: 211035
Amount: 20.876754
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:31:14 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

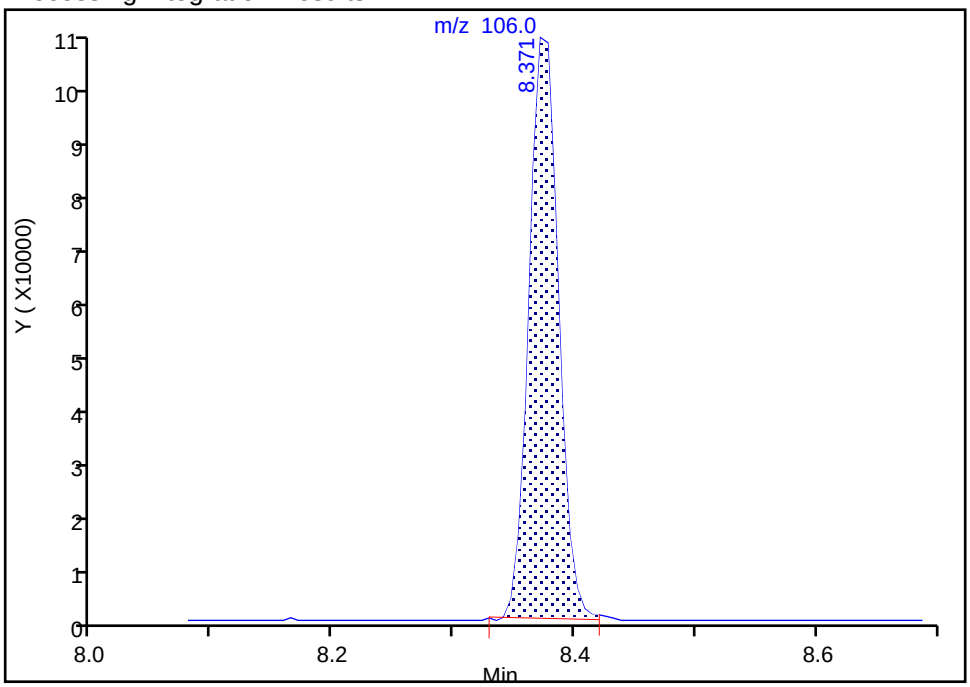
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d				
Injection Date:	06-May-2024 18:22:30	Instrument ID:	HP5973S		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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

Signal: 1

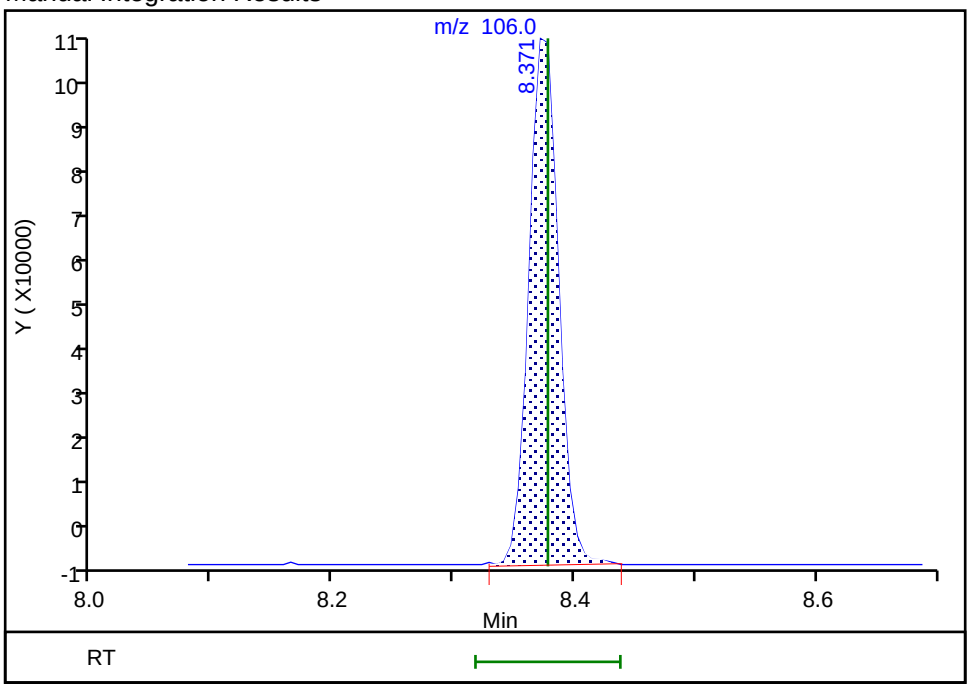
Processing Integration Results

RT: 8.37
Area: 174570
Amount: 10.420612
Amount Units: ug/L



Manual Integration Results

RT: 8.37
Area: 176431
Amount: 10.521838
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:26:15 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

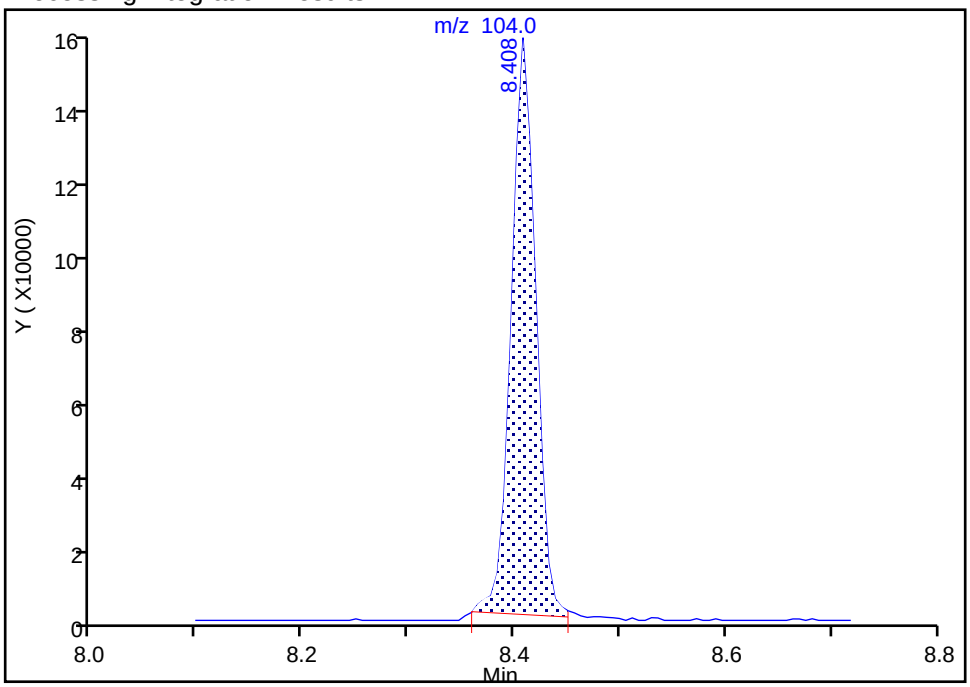
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8307.d				
Injection Date:	06-May-2024 18:22:30	Instrument ID:	HP5973S		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

92 Styrene, CAS: 100-42-5

Signal: 1

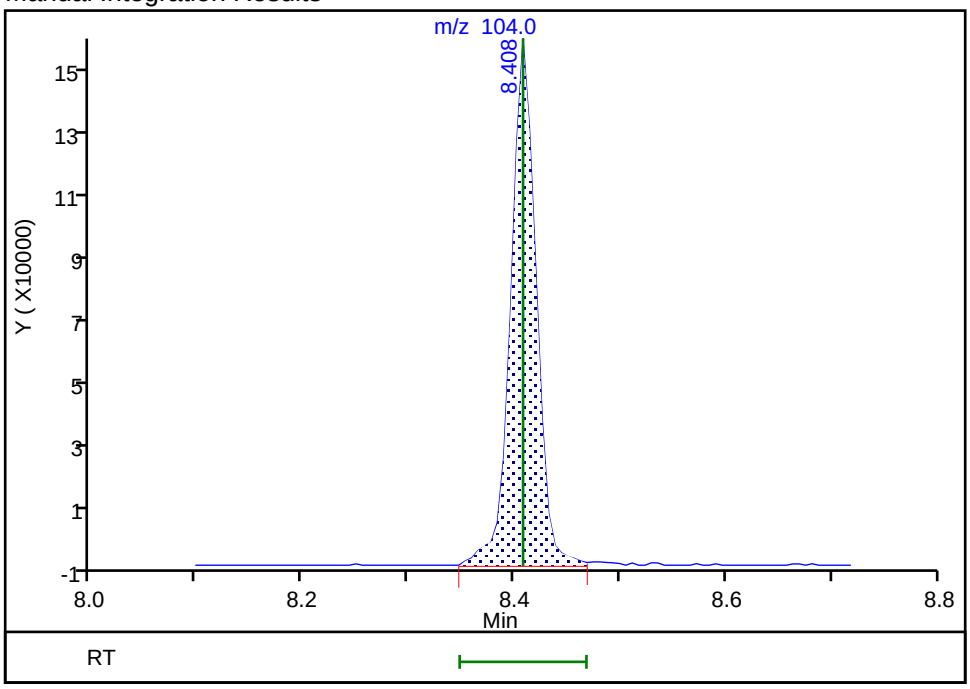
Processing Integration Results

RT: 8.41
Area: 239136
Amount: 10.145851
Amount Units: ug/L



Manual Integration Results

RT: 8.41
Area: 249341
Amount: 10.554422
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 08:25:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8308.d
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 06-May-2024 18:46:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0117811-018
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:52:06 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:24:31

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	200964	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	85	363207	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	67	379967	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	59	270681	25.0	24.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	54	160581	25.0	24.2	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	49	868088	25.0	24.6	
$ 6 4-Bromofluorobenzene (Surr)	174	8.956	8.956	0.000	88	264616	25.0	24.5	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	89	362778	25.0	25.6	
12 Chloromethane	50	1.126	1.126	0.000	89	338898	25.0	24.8	
13 Vinyl chloride	62	1.205	1.205	0.000	83	292857	25.0	26.3	
151 Butadiene	54	1.217	1.217	0.000	94	317811	25.0	25.2	
14 Bromomethane	94	1.448	1.448	0.000	92	183358	25.0	24.7	
15 Chloroethane	64	1.509	1.509	0.000	95	198536	25.0	24.5	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	82	500524	25.0	24.8	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	69	418954	25.0	26.7	
18 Ethyl ether	59	1.917	1.917	0.000	91	245979	25.0	23.4	
20 Acrolein	56	2.081	2.081	0.000	98	131293	125.0	115.2	M
22 1,1-Dichloroethene	96	2.111	2.111	0.000	89	233447	25.0	25.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	64	236876	25.0	26.0	
23 Acetone	43	2.221	2.221	0.000	99	502746	125.0	115.3	
25 Iodomethane	142	2.251	2.251	0.000	99	406009	25.0	24.3	
26 Carbon disulfide	76	2.282	2.282	0.000	98	755707	25.0	25.0	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	88	463540	25.0	22.8	
27 Methyl acetate	43	2.501	2.501	0.000	95	488288	50.0	44.5	
30 Methylene Chloride	84	2.586	2.586	0.000	91	277195	25.0	25.6	
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	84	402758	250.0	242.4	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	92	951628	25.0	23.7	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	90	279029	25.0	24.1	
33 Acrylonitrile	53	2.860	2.860	0.000	98	1293461	250.0	239.4	
35 Hexane	57	2.988	2.988	0.000	92	369227	25.0	27.2	

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	3.200	0.000	85	487021	25.0	24.6	
37 Vinyl acetate	43	3.261	3.261	0.000	97	1160650	50.0	50.5	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	92	305569	25.0	23.2	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	69	306322	25.0	22.8	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	100	680643	125.0	132.3	
48 Chlorobromomethane	128	3.961	3.961	0.000	91	154607	25.0	24.1	
49 Tetrahydrofuran	42	3.973	3.973	0.000	89	195894	50.0	49.4	
50 Chloroform	83	4.046	4.046	0.000	81	478051	25.0	22.8	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	83	406685	25.0	25.2	
52 Cyclohexane	56	4.137	4.137	0.000	86	497777	25.0	26.3	
55 Carbon tetrachloride	117	4.271	4.271	0.000	79	362709	25.0	25.2	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	348933	25.0	26.3	
57 Benzene	78	4.484	4.484	0.000	96	993950	25.0	25.0	
53 Isobutyl alcohol	43	4.545	4.545	0.000	60	356984	625.0	631.8	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	365965	25.0	24.4	
59 n-Heptane	43	4.679	4.679	0.000	93	333208	25.0	27.1	
62 Trichloroethene	95	5.092	5.092	0.000	93	255950	25.0	24.5	
64 Methylcyclohexane	83	5.196	5.196	0.000	91	485119	25.0	26.6	
65 1,2-Dichloropropane	63	5.324	5.324	0.000	90	227965	25.0	25.7	
67 Dibromomethane	93	5.464	5.464	0.000	92	160764	25.0	23.6	
66 1,4-Dioxane	88	5.476	5.476	0.000	45	33249	500.0	457.3	
68 Dichlorobromomethane	83	5.622	5.622	0.000	93	324446	25.0	25.2	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	95	125582	25.0	27.1	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	86	353749	25.0	26.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	97	1506297	125.0	121.6	
74 Toluene	92	6.309	6.309	0.000	88	575404	25.0	24.7	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	94	318977	25.0	27.3	
75 Ethyl methacrylate	69	6.662	6.662	0.000	72	296050	25.0	24.8	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	88	159546	25.0	25.1	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	248511	25.0	25.5	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	93	318149	25.0	25.5	
80 2-Hexanone	43	7.021	7.021	0.000	97	851670	125.0	128.8	
83 Chlorodibromomethane	129	7.173	7.173	0.000	86	228979	25.0	25.6	
84 Ethylene Dibromide	107	7.258	7.258	0.000	97	205856	25.0	26.2	
87 Chlorobenzene	112	7.733	7.733	0.000	93	622899	25.0	25.5	
88 Ethylbenzene	91	7.830	7.830	0.000	99	1106691	25.0	26.5	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	41	256752	25.0	25.6	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	434016	25.0	26.1	
91 o-Xylene	106	8.378	8.378	0.000	97	464123	25.0	25.2	
92 Styrene	104	8.408	8.408	0.000	90	664270	25.0	25.6	
95 Bromoform	173	8.645	8.645	0.000	93	159836	25.0	25.9	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	1204515	25.0	26.7	
101 Bromobenzene	156	9.102	9.102	0.000	93	273625	25.0	26.0	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	59	316961	25.0	25.6	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1378986	25.0	26.6	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	60	101644	25.0	22.9	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	90	89451	25.0	23.0	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	284013	25.0	26.4	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	93	1059181	25.0	26.9	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	269775	25.0	26.6	
106 tert-Butylbenzene	134	9.728	9.728	0.000	91	222022	25.0	27.4	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	65	1096756	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
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1328602	25.0	28.4	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	550771	25.0	26.0	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	96	1187531	25.0	27.3	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	91	554207	25.0	25.4	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	1037057	25.0	27.2	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	578810	25.0	25.5	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	80	83271	25.0	25.9	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	471732	25.0	25.2	
120 Hexachlorobutadiene	225	12.089	12.089	0.000	96	195342	25.0	27.4	
121 Naphthalene	128	12.180	12.180	0.000	97	1487049	25.0	25.3	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	459302	25.0	24.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

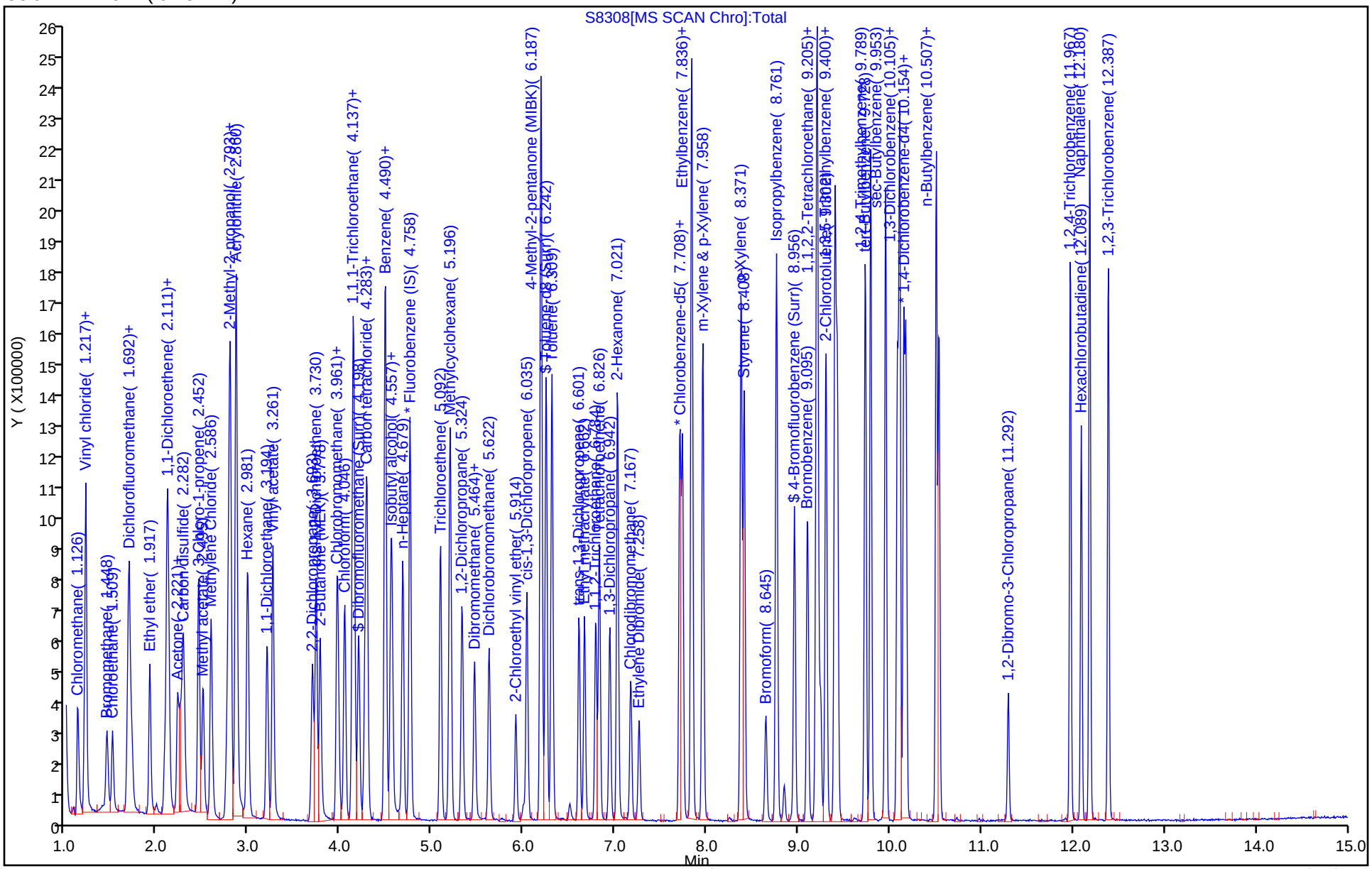
8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00618	Amount Added: 12.50	Units: uL	
S_8260_IS_00388	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:52:07 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8308.d				
Injection Date:	06-May-2024 18:46:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

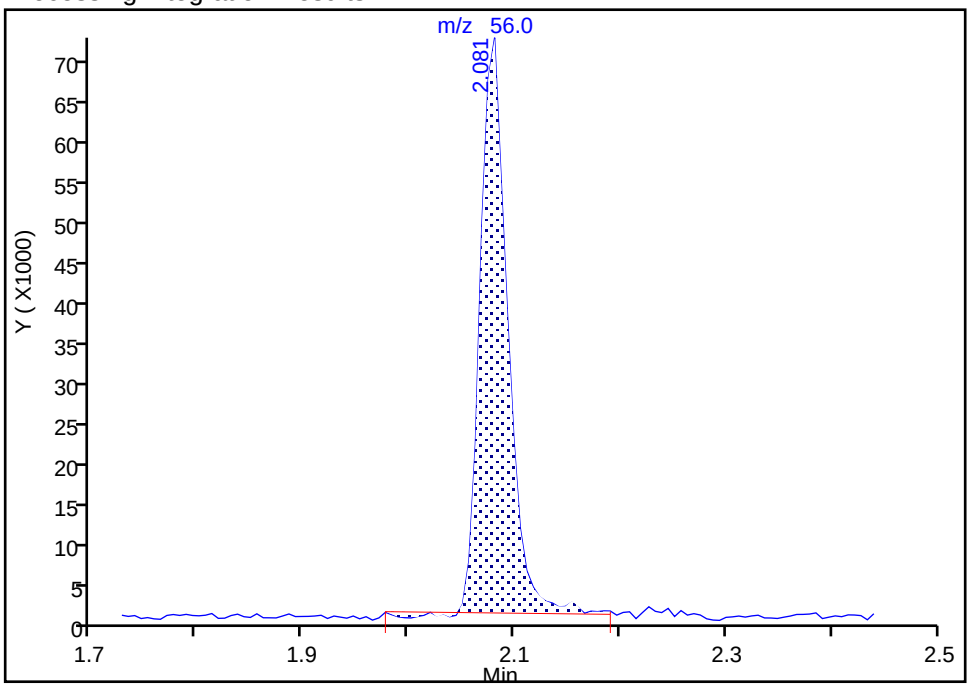
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8308.d				
Injection Date:	06-May-2024 18:46:30	Instrument ID:	HP5973S		
Lims ID:	ICIS 5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

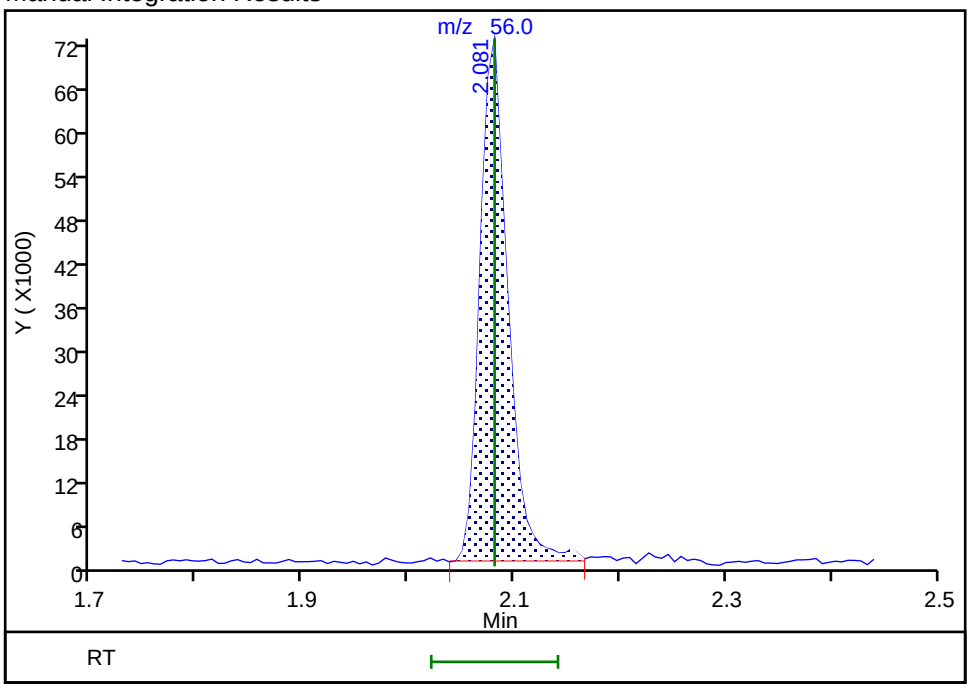
Processing Integration Results

RT: 2.08
Area: 128358
Amount: 107.8462
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 131293
Amount: 115.1786
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:24:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8309.d
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 06-May-2024 19:09:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0117811-019
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:52:18 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:53:21

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	195054	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	85	365838	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	55	384312	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	273908	25.0	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	42	163292	25.0	25.4	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	38	872309	25.0	24.6	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	88	263454	25.0	24.2	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	88	670228	50.0	48.8	
12 Chloromethane	50	1.132	1.126	0.006	89	630270	50.0	47.6	
13 Vinyl chloride	62	1.205	1.205	0.000	82	556582	50.0	51.4	
151 Butadiene	54	1.217	1.217	0.000	95	607766	50.0	49.7	
14 Bromomethane	94	1.448	1.448	0.000	91	379592	50.0	52.6	
15 Chloroethane	64	1.509	1.509	0.000	95	381921	50.0	48.5	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	82	988665	50.0	50.4	
17 Trichlorofluoromethane	101	1.698	1.692	0.006	73	798102	50.0	52.5	
18 Ethyl ether	59	1.917	1.917	0.000	91	478996	50.0	46.9	
20 Acrolein	56	2.075	2.081	-0.006	98	251479	250.0	227.3	M
22 1,1-Dichloroethene	96	2.111	2.111	0.000	89	456486	50.0	51.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	61	467562	50.0	52.9	
23 Acetone	43	2.221	2.221	0.000	99	1057096	250.0	249.8	
25 Iodomethane	142	2.251	2.251	0.000	99	808031	50.0	49.9	
26 Carbon disulfide	76	2.282	2.282	0.000	99	1520615	50.0	51.9	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	88	898587	50.0	45.6	
27 Methyl acetate	43	2.495	2.501	-0.006	95	928539	100.0	87.2	
30 Methylene Chloride	84	2.586	2.586	0.000	91	523556	50.0	50.6	
31 2-Methyl-2-propanol	59	2.756	2.762	-0.006	91	693223	500.0	429.8	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	91	1858714	50.0	47.7	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	91	548083	50.0	48.8	
33 Acrylonitrile	53	2.860	2.860	0.000	98	2461444	500.0	469.3	
35 Hexane	57	2.981	2.988	-0.007	94	695266	50.0	52.7	

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	3.200	-0.006	85	955644	50.0	49.6	
37 Vinyl acetate	43	3.261	3.261	0.000	97	2216841	100.0	99.4	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	92	623098	50.0	48.8	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	68	596113	50.0	45.8	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	99	1255311	250.0	251.4	
48 Chlorobromomethane	128	3.961	3.961	0.000	95	304731	50.0	49.0	
49 Tetrahydrofuran	42	3.973	3.973	0.000	87	363707	100.0	94.6	
50 Chloroform	83	4.046	4.046	0.000	81	940270	50.0	46.1	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	87	820458	50.0	52.4	
52 Cyclohexane	56	4.137	4.137	0.000	92	945324	50.0	51.5	
55 Carbon tetrachloride	117	4.271	4.271	0.000	81	710077	50.0	50.7	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	689161	50.0	53.5	
57 Benzene	78	4.484	4.484	0.000	98	1942981	50.0	50.4	
53 Isobutyl alcohol	43	4.545	4.545	0.000	60	662919	1250.0	1208.9	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	701687	50.0	48.2	
59 n-Heptane	43	4.679	4.679	0.000	93	616866	50.0	51.7	
62 Trichloroethene	95	5.086	5.092	-0.006	92	492542	50.0	48.5	
64 Methylcyclohexane	83	5.196	5.196	0.000	91	942535	50.0	53.3	
65 1,2-Dichloropropane	63	5.323	5.324	-0.001	88	433781	50.0	50.4	
67 Dibromomethane	93	5.463	5.464	-0.001	90	304316	50.0	46.1	
66 1,4-Dioxane	88	5.476	5.476	0.000	46	64377	1000.0	879.1	
68 Dichlorobromomethane	83	5.622	5.622	0.000	99	625876	50.0	50.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	93	231184	50.0	51.3	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	87	671038	50.0	51.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	98	2843835	250.0	228.0	
74 Toluene	92	6.309	6.309	0.000	89	1128294	50.0	48.1	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	92	592145	50.0	50.4	
75 Ethyl methacrylate	69	6.662	6.662	0.000	71	556452	50.0	46.2	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	86	305015	50.0	47.6	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	479772	50.0	48.9	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	94	594765	50.0	47.2	
80 2-Hexanone	43	7.021	7.021	0.000	97	1532514	250.0	230.1	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	86	440115	50.0	48.9	
84 Ethylene Dibromide	107	7.258	7.258	0.000	99	374618	50.0	47.4	
87 Chlorobenzene	112	7.733	7.733	0.000	93	1194085	50.0	48.5	
88 Ethylbenzene	91	7.836	7.830	0.006	98	2149851	50.0	51.2	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	40	511687	50.0	50.7	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	846173	50.0	50.5	
91 o-Xylene	106	8.371	8.378	-0.007	98	918485	50.0	49.6	
92 Styrene	104	8.408	8.408	0.000	90	1283793	50.0	49.2	
95 Bromoform	173	8.645	8.645	0.000	95	311354	50.0	50.2	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	2420829	50.0	53.1	
101 Bromobenzene	156	9.101	9.102	-0.001	92	532256	50.0	50.0	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	58	599334	50.0	47.9	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	2742594	50.0	52.3	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	59	189823	50.0	42.3	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	94	173006	50.0	44.1	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	559802	50.0	51.4	
102 1,3,5-Trimethylbenzene	105	9.399	9.400	-0.001	94	2146891	50.0	54.0	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	529994	50.0	51.7	
106 tert-Butylbenzene	134	9.734	9.728	0.006	91	464729	50.0	56.7	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	63	2195898	50.0	52.7	

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	2679663	50.0	56.7	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	98	1080239	50.0	50.4	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	95	2403125	50.0	54.5	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	92	1076692	50.0	48.7	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	2093348	50.0	54.3	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	1151087	50.0	50.1	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.292	-0.001	84	160199	50.0	49.3	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	94	938928	50.0	49.7	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	94	392257	50.0	54.3	
121 Naphthalene	128	12.180	12.180	0.000	97	2919363	50.0	49.2	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	96	901142	50.0	48.1	
S 125 1,2-Dichloroethene, Total	1				0			94.6	
S 123 Total BTEX	1				0			249.6	
S 126 1,3-Dichloropropene, Total	1				0			101.8	
S 124 Xylenes, Total	1				0			100.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

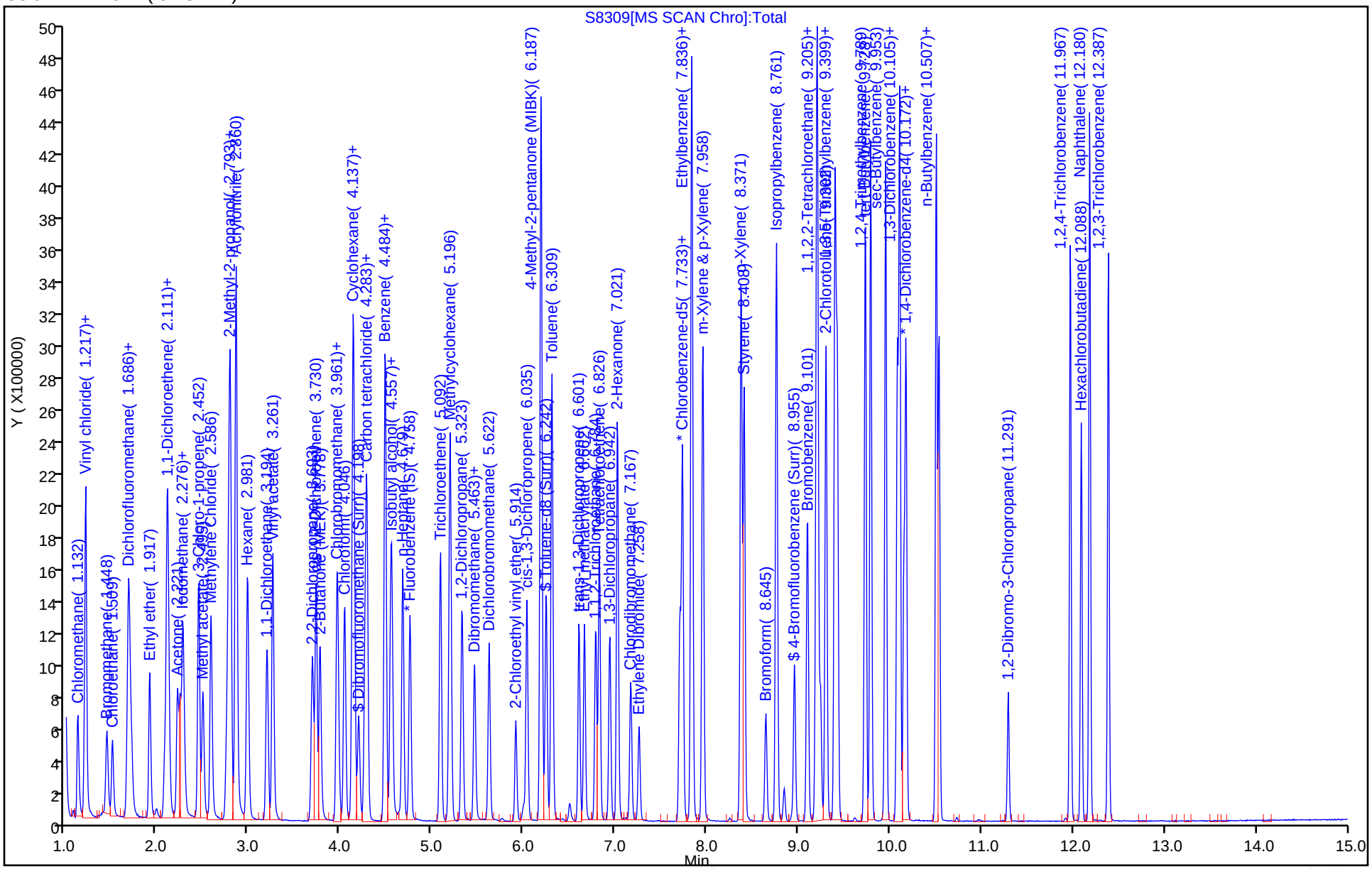
8260 CORP mix_00254	Amount Added: 25.00	Units: uL	
GAS CORP mix_00618	Amount Added: 25.00	Units: uL	
S_8260_IS_00388	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:52:19 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8309.d				
Injection Date:	06-May-2024 19:09:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

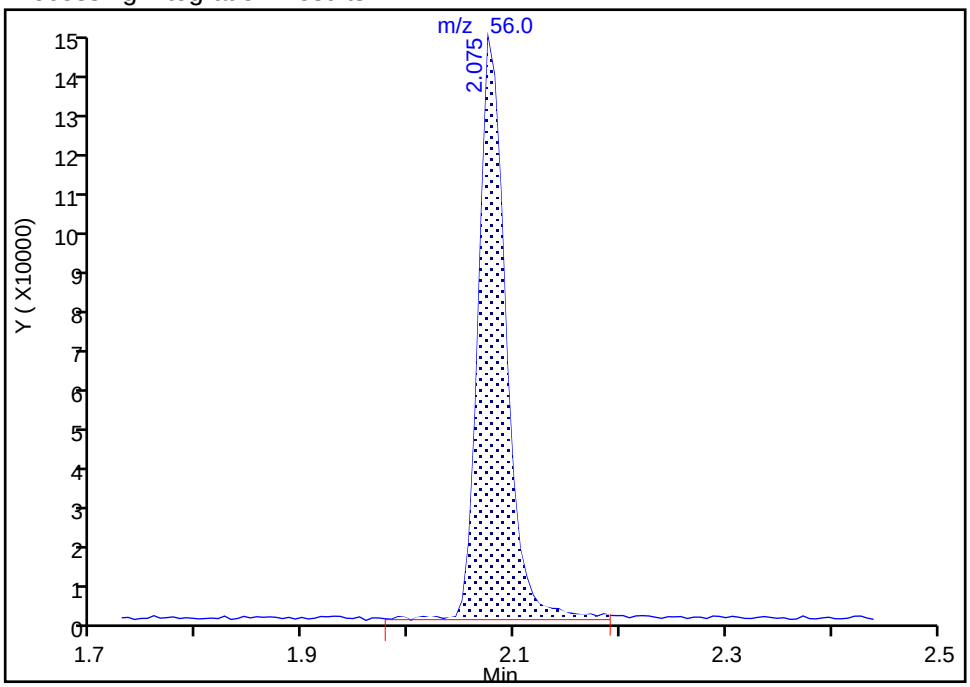
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8309.d				
Injection Date:	06-May-2024 19:09:30	Instrument ID:	HP5973S		
Lims ID:	IC 6				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	19	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

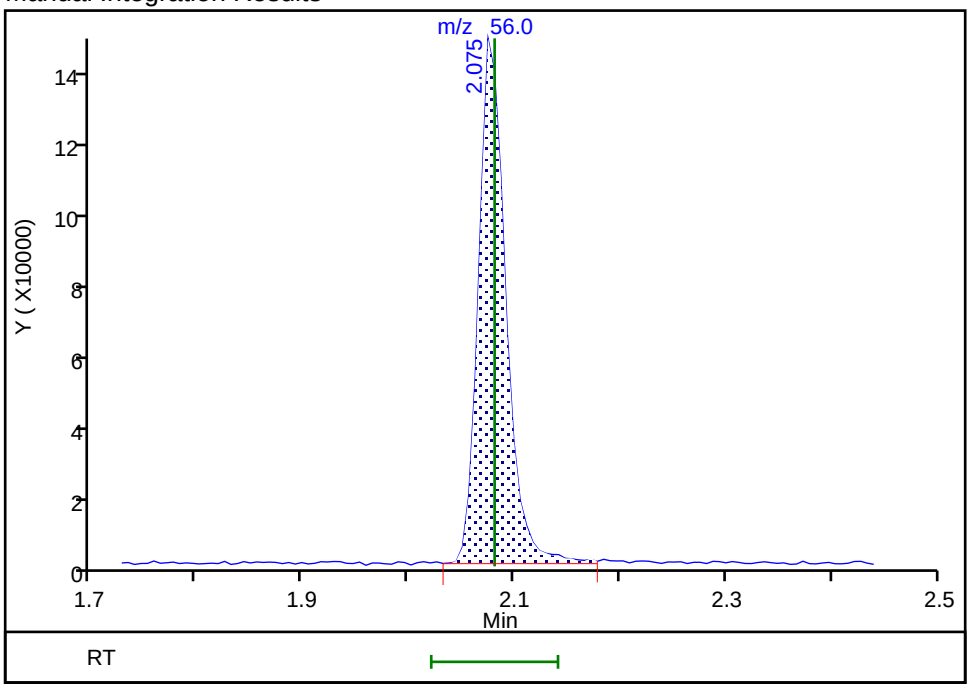
Processing Integration Results

RT: 2.07
Area: 255415
Amount: 220.5576
Amount Units: ug/L



Manual Integration Results

RT: 2.07
Area: 251479
Amount: 227.2979
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:25:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8310.d
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 06-May-2024 19:32:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0117811-020
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:52:30 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: QR3Z Date: 07-May-2024 08:54:25

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	205980	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	85	380480	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	35	436354	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	288350	25.0	24.9	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	37	171677	25.0	25.3	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	18	923998	25.0	25.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	88	296754	25.0	26.2	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	89	1243997	100.0	85.7	
12 Chloromethane	50	1.132	1.126	0.006	99	1170597	100.0	83.7	
13 Vinyl chloride	62	1.205	1.205	0.000	83	1050648	100.0	91.9	
151 Butadiene	54	1.217	1.217	0.000	94	1139218	100.0	88.3	
14 Bromomethane	94	1.448	1.448	0.000	92	722687	100.0	94.9	
15 Chloroethane	64	1.509	1.509	0.000	100	705602	100.0	84.9	
16 Dichlorofluoromethane	67	1.685	1.686	-0.001	82	1836234	100.0	88.7	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	58	1489042	100.0	92.7	
18 Ethyl ether	59	1.917	1.917	0.000	92	938302	100.0	87.0	
20 Acrolein	56	2.081	2.081	0.000	95	516531	500.0	442.1	M
22 1,1-Dichloroethene	96	2.111	2.111	0.000	89	873990	100.0	93.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	60	876821	100.0	93.9	
23 Acetone	43	2.221	2.221	0.000	98	2117867	500.0	474.0	
25 Iodomethane	142	2.251	2.251	0.000	99	1535010	100.0	89.8	
26 Carbon disulfide	76	2.282	2.282	0.000	99	2919778	100.0	94.4	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	88	1748875	100.0	84.1	
27 Methyl acetate	43	2.495	2.501	-0.006	95	1891871	200.0	168.2	
30 Methylene Chloride	84	2.586	2.586	0.000	91	1058049	100.0	97.5	
31 2-Methyl-2-propanol	59	2.762	2.762	0.000	82	1555809	1000.0	913.5	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	91	3674619	100.0	89.3	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	86	1050359	100.0	88.5	
33 Acrylonitrile	53	2.860	2.860	0.000	99	5024716	1000.0	907.3	
35 Hexane	57	2.987	2.988	-0.001	92	1347169	100.0	96.7	

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	3.200	-0.006	85	1861685	100.0	91.6	
37 Vinyl acetate	43	3.261	3.261	0.000	97	4538841	200.0	192.7	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	92	1136423	100.0	84.2	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	69	1168804	100.0	85.0	
43 2-Butanone (MEK)	43	3.772	3.778	-0.006	98	2692999	500.0	510.7	
48 Chlorobromomethane	128	3.961	3.961	0.000	92	592105	100.0	90.1	
49 Tetrahydrofuran	42	3.973	3.973	0.000	85	743128	200.0	183.0	
50 Chloroform	83	4.046	4.046	0.000	81	1839785	100.0	85.4	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	87	1558599	100.0	94.3	
52 Cyclohexane	56	4.137	4.137	0.000	92	1787397	100.0	92.2	
55 Carbon tetrachloride	117	4.271	4.271	0.000	80	1378552	100.0	93.3	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	92	1331435	100.0	97.9	
57 Benzene	78	4.484	4.484	0.000	97	3862726	100.0	94.8	
53 Isobutyl alcohol	43	4.545	4.545	0.000	61	1435090	2500.0	2478.2	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	1397872	100.0	90.8	
59 n-Heptane	43	4.679	4.679	0.000	91	1276133	100.0	101.3	
62 Trichloroethene	95	5.092	5.092	0.000	93	969258	100.0	90.4	
64 Methylcyclohexane	83	5.196	5.196	0.000	91	1789283	100.0	95.8	
65 1,2-Dichloropropane	63	5.323	5.324	-0.001	90	867371	100.0	95.5	
67 Dibromomethane	93	5.463	5.464	-0.001	89	611335	100.0	87.7	
66 1,4-Dioxane	88	5.476	5.476	0.000	45	153148	2000.0	2010.8	M
68 Dichlorobromomethane	83	5.622	5.622	0.000	91	1247648	100.0	94.6	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	93	483070	100.0	101.5	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	87	1375535	100.0	99.9	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	98	5915790	500.0	456.0	
74 Toluene	92	6.309	6.309	0.000	91	2226224	100.0	91.2	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	93	1191109	100.0	97.5	
75 Ethyl methacrylate	69	6.662	6.662	0.000	72	1119728	100.0	89.5	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	87	620979	100.0	93.1	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	947654	100.0	92.9	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	95	1209203	100.0	92.4	
80 2-Hexanone	43	7.021	7.021	0.000	97	3316729	500.0	478.8	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	89	912737	100.0	97.4	
84 Ethylene Dibromide	107	7.258	7.258	0.000	98	777135	100.0	94.5	
87 Chlorobenzene	112	7.733	7.733	0.000	93	2431121	100.0	95.0	
88 Ethylbenzene	91	7.836	7.830	0.006	98	4319442	100.0	98.8	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	41	1011937	100.0	96.5	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	1675760	100.0	96.1	
91 o-Xylene	106	8.377	8.378	-0.001	97	1812570	100.0	94.0	
92 Styrene	104	8.408	8.408	0.000	92	2663426	100.0	98.1	
95 Bromoform	173	8.645	8.645	0.000	95	665782	100.0	103.1	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	4827611	100.0	93.2	
101 Bromobenzene	156	9.101	9.102	-0.001	92	1105703	100.0	91.5	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	61	1241918	100.0	87.4	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	5470732	100.0	91.8	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	58	394934	100.0	77.6	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	95	386781	100.0	86.8	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	1124204	100.0	90.8	
102 1,3,5-Trimethylbenzene	105	9.399	9.400	-0.001	94	4292063	100.0	95.1	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	1092950	100.0	94.0	
106 tert-Butylbenzene	134	9.734	9.728	0.006	87	961224	100.0	103.3	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	58	4484201	100.0	94.8	

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	5406485	100.0	100.8	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	2289825	100.0	94.0	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	94	4882966	100.0	97.6	
113 1,4-Dichlorobenzene	146	10.178	10.172	0.006	94	2339478	100.0	93.3	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	4154105	100.0	94.8	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	97	2385920	100.0	91.5	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.292	-0.001	84	342715	100.0	92.8	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	90	1772394	100.0	82.6	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	96	690729	100.0	84.2	
121 Naphthalene	128	12.180	12.180	0.000	97	5756911	100.0	85.4	
122 1,2,3-Trichlorobenzene	180	12.386	12.387	-0.001	95	1712128	100.0	80.5	
S 125 1,2-Dichloroethene, Total	1				0			173.5	
S 123 Total BTEX	1				0			474.9	
S 126 1,3-Dichloropropene, Total	1				0			197.3	
S 124 Xylenes, Total	1				0			190.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00254	Amount Added: 50.00	Units: uL	
GAS CORP mix_00618	Amount Added: 50.00	Units: uL	
S_8260_IS_00388	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:52:31 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8310.d

Injection Date: 06-May-2024 19:32:30 Instrument ID: HP5973S Operator ID: ZN

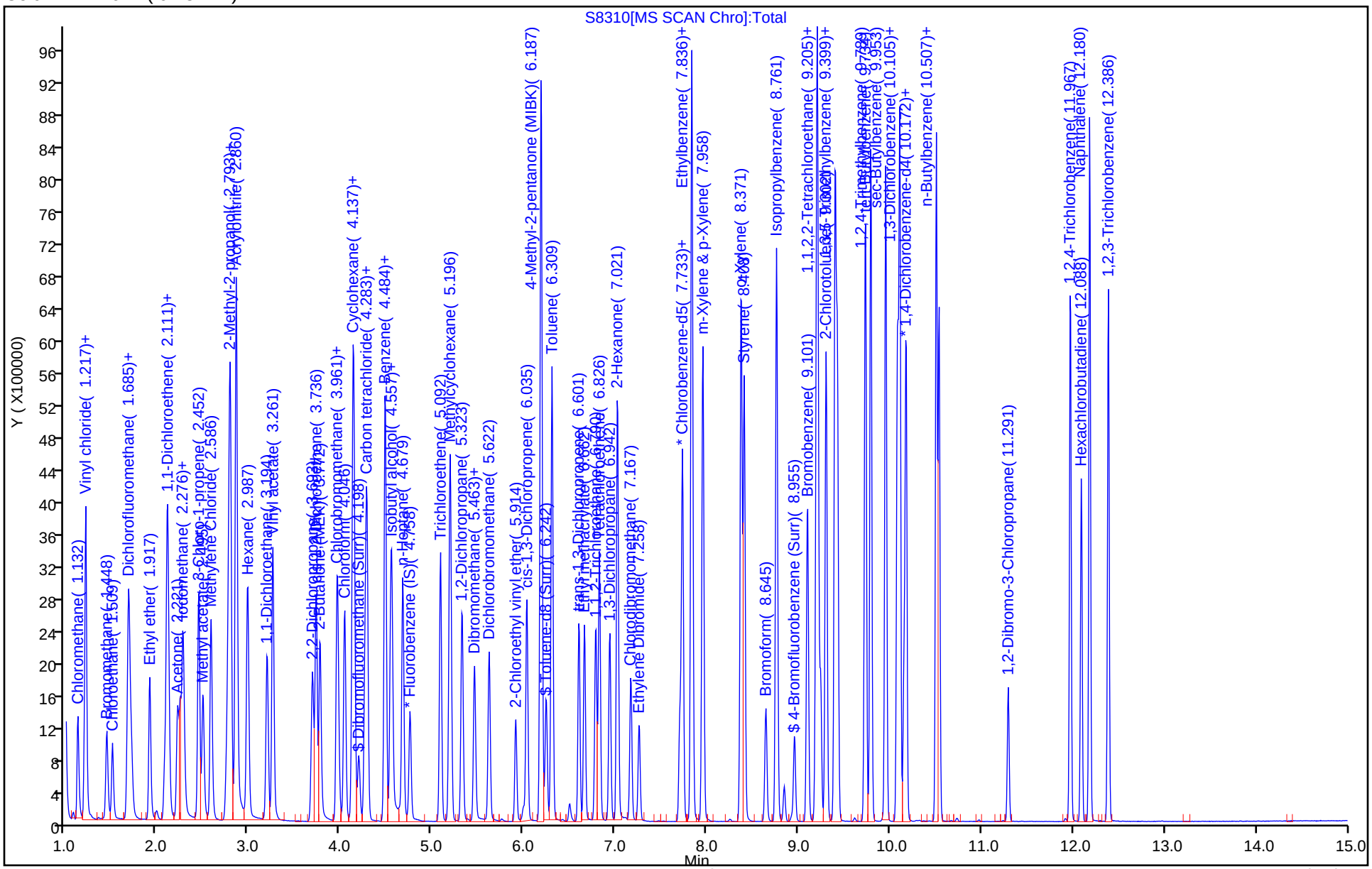
Lims ID: IC 7 Worklist Smp#: 20

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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

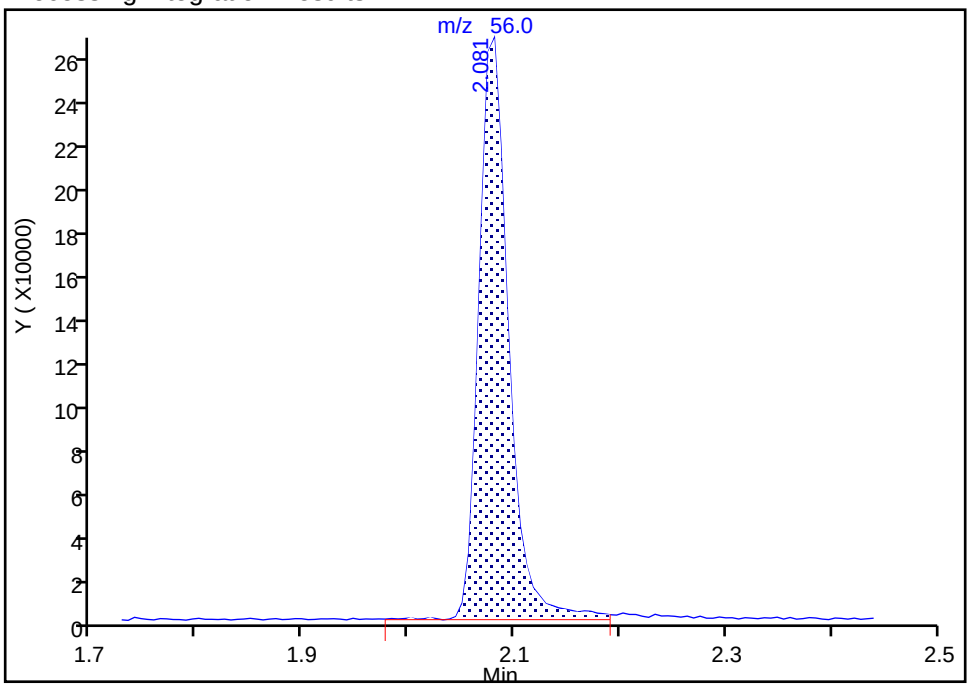
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8310.d				
Injection Date:	06-May-2024 19:32:30	Instrument ID:	HP5973S		
Lims ID:	IC 7				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

20 Acrolein, CAS: 107-02-8

Signal: 1

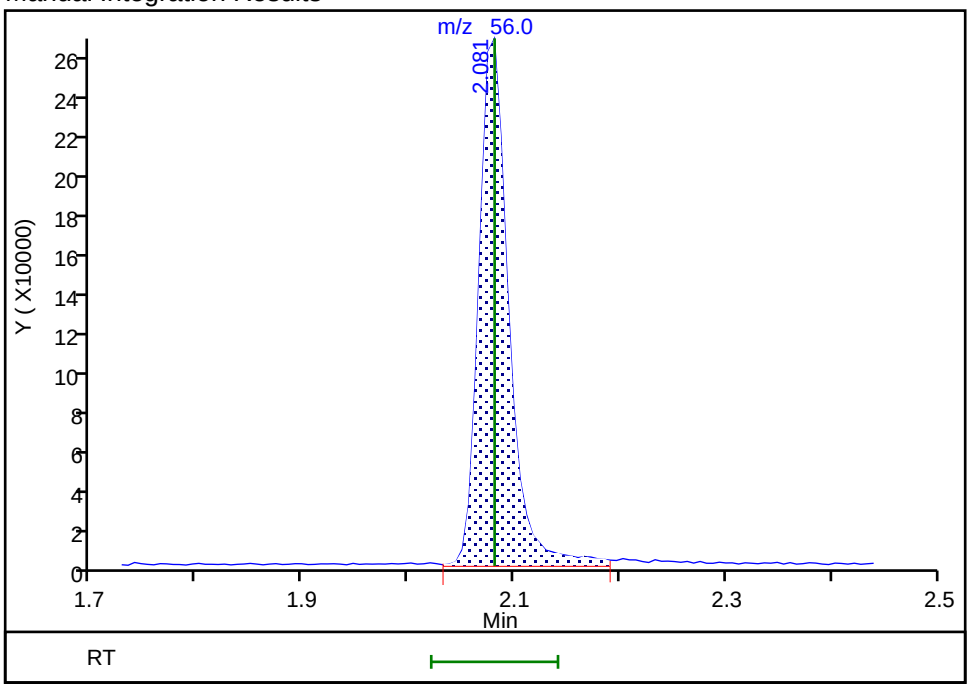
Processing Integration Results

RT: 2.08
Area: 516979
Amount: 423.4646
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 516531
Amount: 442.0993
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 09:25:49 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

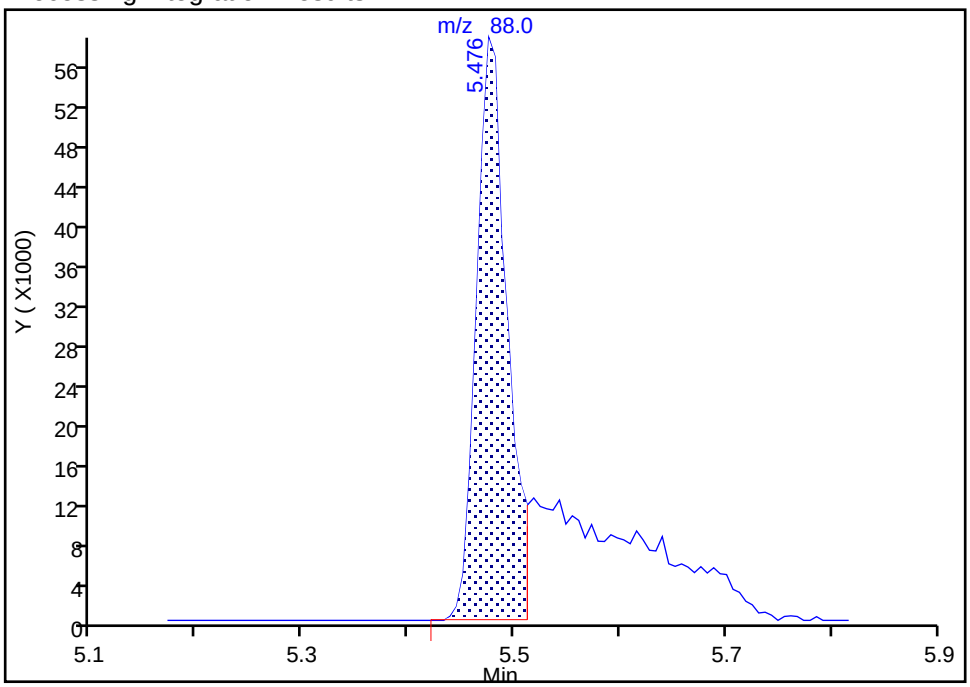
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8310.d				
Injection Date:	06-May-2024 19:32:30	Instrument ID:	HP5973S		
Lims ID:	IC 7				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

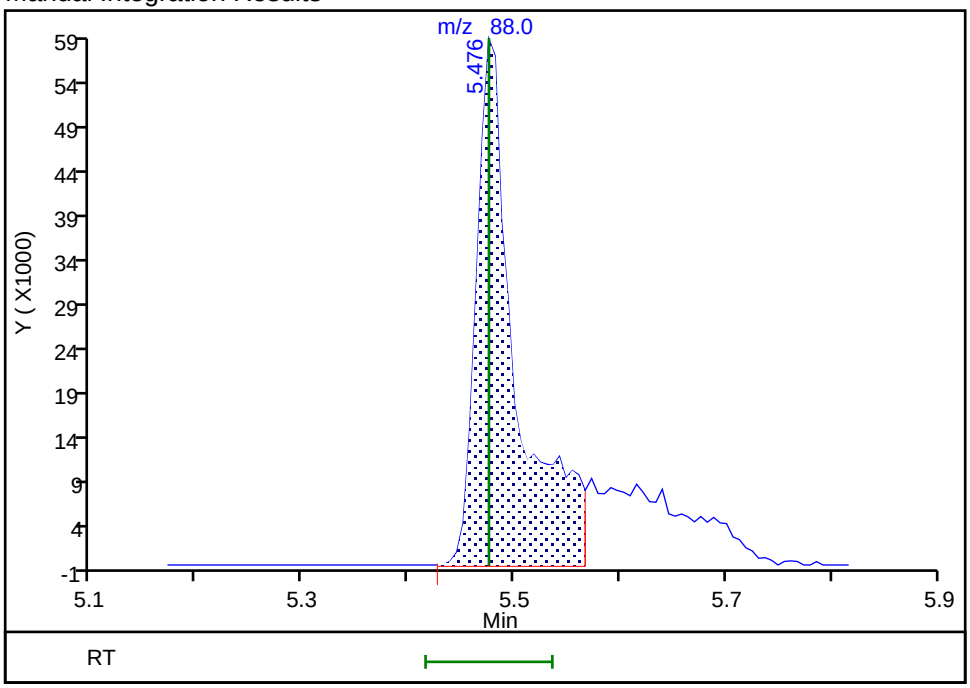
Processing Integration Results

RT: 5.48
Area: 117916
Amount: 1601.0852
Amount Units: ug/L



Manual Integration Results

RT: 5.48
Area: 153148
Amount: 2010.7631
Amount Units: ug/L



Reviewer: QR3Z, 07-May-2024 10:06:01 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-713009/13	L5824.D
Level 2	IC 480-713009/14	L5825.D
Level 3	IC 480-713009/15	L5826.D
Level 4	IC 480-713009/16	L5827.D
Level 5	IC 480-713009/17	L5828.D
Level 6	ICIS 480-713009/18	L5829.D
Level 7	IC 480-713009/19	L5830.D
Level 8	IC 480-713009/20	L5831.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	0.4577 1.2838	0.7447 1.1963	1.3680 1.2238	1.2778	1.2210	Lin1	-0.251	1.2335			0.1000	13.3			0.9990		0.9900
Chloromethane	1.3606 1.3491	1.2112 1.3123	1.5592 1.2674	1.4822	1.4053	Ave		1.3684			0.1000	8.3		20.0			
Vinyl chloride	0.5498 1.2704	0.8707 1.2720	1.3640 1.2428	1.2817	1.3128	Lin1	-0.220	1.2655			0.1000	10.7			0.9990		0.9900
Butadiene	+++++ 1.1768	1.0690 1.1429	1.4023 1.0892	1.2654	1.2574	Ave		1.2004				9.7		20.0			
Bromomethane	1.0426 0.8114	0.9165 0.8393	1.0093 0.7106	0.9112	0.8740	Ave		0.8894			0.1000	12.0		20.0			
Chloroethane	0.5446 0.7310	0.6313 0.7164	0.8407 0.6232	0.7805	0.7874	Ave		0.7069			0.1000	14.1		20.0			
Dichlorofluoromethane	2.6054 1.9334	2.1662 1.8938	2.1607 1.8436	2.1848	2.1164	Ave		2.1130				11.4		20.0			
Trichlorofluoromethane	+++++ 1.6430	1.1260 1.5928	1.8630 1.5932	1.6874	1.6165	Ave		1.5888			0.1000	14.1		20.0			
Ethyl ether	1.5651 1.1991	1.4395 1.1813	1.3691 1.1763	1.3325	1.2825	Ave		1.3182				10.5		20.0			
Acrolein	+++++ 0.1969	0.2210 0.1930	0.2085 0.2043	0.2005	0.2011	Ave		0.2036				4.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3776 1.2411	0.7048 1.1903	1.2156 1.2157	1.1597	1.1349	Lin1	-0.342	1.2165			0.1000	8.4			0.9990		0.9900
1,1-Dichloroethene	+++++ 1.2566	0.9409 1.2746	1.3041 1.2944	1.2856	1.2887	Ave		1.2350			0.1000	10.6		20.0			
Acetone	+++++ 0.7889	0.9433 0.7581	0.8965 0.8215	0.8612	0.8361	Ave		0.8437			0.1000	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.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	1.7306 2.3654	2.0221 2.3826	2.4427 2.3711	2.4231	2.4052	Ave		2.2678				11.3		20.0			
Carbon disulfide	3.0225 4.0382	3.0435 4.2042	4.2837 4.0058	4.1001	4.1347	Ave		3.8541			0.1000	13.3		20.0			
Allyl chloride	1.8925 1.8630	1.8548 1.9420	1.9543 1.9759	1.9229	1.9541	Ave		1.9199				2.3		20.0			
Methyl acetate	+++++ 1.8658	2.0796 1.8745	1.6963 1.8130	1.7903	1.7420	Ave		1.8374			0.1000	6.8		20.0			
Methylene Chloride	3.1421 1.5808	2.1704 1.5638	1.9345 1.5511	1.7115	1.6566	Lin1	0.6647	1.5508			0.1000	2.9			1.0000		0.9900
2-Methyl-2-propanol	0.3154 0.3341	0.2968 0.3189	0.3278 0.3624	0.3467	0.3270	Ave		0.3286				6.1		20.0			
Methyl tert-butyl ether	4.7306 4.4182	4.3941 4.3891	4.5295 4.3941	4.4933	4.4700	Ave		4.4774			0.1000	2.6		20.0			
trans-1,2-Dichloroethene	+++++ 1.5094	1.1835 1.5315	1.5726 1.5170	1.5819	1.5747	Ave		1.4958			0.1000	9.4		20.0			
Acrylonitrile	1.0533 0.9652	0.9972 0.9438	0.9718 0.9039	0.9628	0.9941	Ave		0.9740				4.5		20.0			
Hexane	+++++ 1.9118	1.4903 1.8124	1.9672 1.8404	1.8971	1.7799	Ave		1.8142				8.6		20.0			
1,1-Dichloroethane	1.7966 2.3904	2.1280 2.4296	2.4374 2.3919	2.5084	2.4785	Ave		2.3201			0.2000	10.4		20.0			
Vinyl acetate	3.1153 3.4987	3.2372 3.5803	3.1905 3.5565	3.3665	3.5022	Ave		3.3809				5.3		20.0			
2,2-Dichloropropane	+++++ 1.2653	1.0088 1.2905	1.3642 1.2223	1.3521	1.3799	Ave		1.2690				10.1		20.0			
cis-1,2-Dichloroethene	1.4660 1.7024	1.5188 1.7152	1.7565 1.6642	1.7142	1.7720	Ave		1.6637			0.1000	6.7		20.0			
2-Butanone (MEK)	1.6649 1.3338	1.4589 1.3164	1.3673 1.3196	1.4088	1.4018	Ave		1.4089			0.1000	8.1		20.0			
Chlorobromomethane	0.7330 0.8604	0.8383 0.8684	0.8226 0.8549	0.8696	0.8774	Ave		0.8406				5.6		20.0			
Tetrahydrofuran	+++++ 0.8727	1.0975 0.8454	0.9631 0.8607	0.9375	0.9099	Ave		0.9267				9.3		20.0			
Chloroform	2.9186 2.4143	2.4962 2.4174	2.7018 2.3834	2.5859	2.5242	Ave		2.5552			0.2000	7.1		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	+++++ 1.8512	1.3765 1.9164	1.8313 1.9317	1.8973	1.9335	Ave		1.8197			0.1000	11.0		20.0			
Cyclohexane	+++++ 2.2398	1.6014 2.1586	2.2878 2.1566	2.1866	2.1412	Ave		2.1103			0.1000	10.9		20.0			
Carbon tetrachloride	+++++ 1.6218	1.1461 1.6051	1.5749 1.6609	1.5721	1.6193	Ave		1.5429			0.1000	11.5		20.0			
1,1-Dichloropropene	+++++ 1.8707	1.3796 1.8758	2.0005 1.8638	1.9304	1.9112	Ave		1.8331				11.2		20.0			
Isobutyl alcohol	0.1468 0.1578	0.1454 0.1551	0.1439 0.1728	0.1523	0.1564	Ave		0.1538				6.1		20.0			
Benzene	5.2365 5.8929	5.2890 5.8506	6.2630 5.7389	6.2292	6.1273	Ave		5.8284			0.5000	6.8		20.0			
1,2-Dichloroethane	1.8823 1.8088	1.8472 1.8090	1.8949 1.7858	1.8750	1.8612	Ave		1.8455			0.1000	2.2		20.0			
n-Heptane	1.7887 1.9541	1.8992 1.8551	1.9382 1.7201	1.9140	1.9226	Ave		1.8740				4.3		20.0			
Trichloroethene	1.1050 1.5029	1.2461 1.5284	1.5653 1.5092	1.5229	1.5460	Ave		1.4407			0.2000	11.7		20.0			
Methylcyclohexane	+++++ 2.4796	1.7402 2.3497	2.5123 2.4094	2.3845	2.3555	Ave		2.3187			0.1000	11.3		20.0			
1,2-Dichloropropane	1.2839 1.4182	1.3210 1.4446	1.4269 1.4171	1.4800	1.4929	Ave		1.4106			0.1000	5.2		20.0			
1,4-Dioxane	0.0070 0.0076	0.0062 0.0072	0.0064 0.0080	0.0078	0.0075	Ave		0.0072				9.0		20.0			
Dibromomethane	1.0174 1.0145	0.9725 1.0197	1.0302 1.0149	1.0092	1.0322	Ave		1.0138			0.1000	1.8		20.0			
Bromodichloromethane	1.5636 1.7905	1.5268 1.8280	1.7209 1.8573	1.7093	1.7932	Ave		1.7237			0.2000	7.0		20.0			
2-Chloroethyl vinyl ether	0.9636 1.2010	1.2486 1.2362	1.1083 1.1517	1.1682	1.2254	Ave		1.1629				8.0		20.0			
cis-1,3-Dichloropropene	1.9012 2.3598	1.8728 2.4332	2.0615 2.4606	2.2229	2.3245	Ave		2.2046			0.2000	10.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.6809 0.5938	0.6359 0.5731	0.6198 0.5500	0.6196	0.6076	Ave		0.6101			0.1000	6.5		20.0			
Toluene	0.9106 0.9186	0.8642 0.9236	0.9889 0.9125	0.9807	0.9466	Ave		0.9307			0.4000	4.4		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	0.4126 0.5141	0.4187 0.5442	0.4495 0.5490	0.4856	0.5052	Ave		0.4849			0.1000	11.0		20.0			
Ethyl methacrylate	0.5594 0.5909	0.5745 0.5803	0.5566 0.5785	0.5805	0.5725	Ave		0.5741				2.0		20.0			
1,1,2-Trichloroethane	0.2930 0.2988	0.3045 0.3030	0.3073 0.3026	0.3180	0.3081	Ave		0.3044			0.1000	2.4		20.0			
Tetrachloroethene	0.2481 0.3715	0.2911 0.3755	0.4048 0.3768	0.3969	0.3872	Ave		0.3565			0.2000	15.7		20.0			
1,3-Dichloropropane	0.6160 0.6040	0.6166 0.6069	0.6305 0.6002	0.6350	0.6289	Ave		0.6173				2.1		20.0			
2-Hexanone	0.5219 0.4665	0.4745 0.4294	0.4848 0.4214	0.4764	0.4670	Ave		0.4677			0.1000	6.7		20.0			
Dibromochloromethane	0.3008 0.3586	0.2996 0.3726	0.3122 0.3815	0.3337	0.3497	Ave		0.3386			0.1000	9.5		20.0			
1,2-Dibromoethane	0.3880 0.3956	0.3583 0.4030	0.3902 0.3991	0.4065	0.4077	Ave		0.3936				4.0		20.0			
Chlorobenzene	0.9924 1.0238	0.9329 1.0363	1.1067 1.0238	1.0928	1.0570	Ave		1.0332			0.5000	5.4		20.0			
Ethylbenzene	1.4805 1.6505	1.4578 1.6666	1.8070 1.6235	1.7485	1.7090	Ave		1.6429			0.1000	7.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3358	0.2889 0.3432	0.3135 0.3392	0.3296	0.3349	Ave		0.3264				5.9		20.0			
m-Xylene & p-Xylene	0.5603 0.6759	0.5697 0.6821	0.7389 0.6634	0.7107	0.6973	Ave		0.6623			0.1000	9.7		20.0			
o-Xylene	0.6353 0.6854	0.5900 0.6823	0.7155 0.6647	0.7163	0.7028	Ave		0.6740			0.3000	6.4		20.0			
Styrene	0.9501 1.1234	0.9702 1.1214	1.1164 1.0914	1.1461	1.1268	Ave		1.0807			0.3000	7.0		20.0			
Bromoform	0.2488 0.2636	0.2105 0.2841	0.2227 0.2962	0.2326	0.2506	Ave		0.2511			0.1000	11.7		20.0			
Isopropylbenzene	2.5029 3.1819	2.5395 3.3015	3.1953 3.3355	3.2644	3.2645	Ave		3.0732			0.1000	11.2		20.0			
Bromobenzene	0.8154 0.8264	0.7775 0.8439	0.8315 0.8500	0.8633	0.8558	Ave		0.8330				3.3		20.0			
1,1,2,2-Tetrachloroethane	1.1501 1.1352	1.1062 1.1518	1.1209 1.1600	1.1461	1.1414	Ave		1.1390			0.3000	1.6		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	3.1475 3.7832	3.1771 3.9103	3.9396 3.8048	3.9024	3.9394	Ave		3.7005				9.1		20.0			
trans-1,4-Dichloro-2-butene	0.1926 0.2950	0.2160 0.3038	0.2420 0.3243	0.2624	0.2742	Ave		0.2638				17.1		20.0			
1,2,3-Trichloropropane	0.3760 0.3643	0.3531 0.3641	0.3503 0.3641	0.3864	0.3718	Ave		0.3663				3.2		20.0			
2-Chlorotoluene	0.7158 0.7814	0.6815 0.8038	0.7924 0.7979	0.8184	0.8080	Ave		0.7749				6.3		20.0			
1,3,5-Trimethylbenzene	2.2553 2.6811	2.2251 2.7535	2.6898 2.7400	2.7999	2.7740	Ave		2.6148				9.0		20.0			
4-Chlorotoluene	2.2524 2.2832	2.1473 2.3156	2.4011 2.3222	2.3783	2.3452	Ave		2.3057				3.5		20.0			
tert-Butylbenzene	+++++ 0.6182	0.4902 0.6543	0.6382 0.6520	0.6478	0.6456	Ave		0.6209				9.5		20.0			
1,2,4-Trimethylbenzene	2.3366 2.8110	2.4011 2.8882	2.8662 2.8519	2.8641	2.8665	Ave		2.7357				8.3		20.0			
sec-Butylbenzene	2.5857 3.5102	2.8496 3.6497	3.5867 3.6315	3.6614	3.6256	Ave		3.3876				12.5		20.0			
4-Isopropyltoluene	2.2137 2.9997	2.3220 3.0740	3.0647 3.0075	3.1216	3.0637	Ave		2.8584				12.9		20.0			
1,3-Dichlorobenzene	1.5531 1.5633	1.5110 1.5815	1.6552 1.5209	1.6688	1.6336	Ave		1.5859			0.6000	3.8		20.0			
1,4-Dichlorobenzene	1.6203 1.5999	1.5916 1.6087	1.6785 1.5816	1.6873	1.6701	Ave		1.6298			0.5000	2.6		20.0			
n-Butylbenzene	2.1345 2.7471	2.2762 2.7861	2.8493 2.7621	2.8298	2.7972	Ave		2.6478				10.5		20.0			
1,2-Dichlorobenzene	1.5440 1.5715	1.5936 1.5726	1.6308 1.5516	1.6485	1.6010	Ave		1.5892			0.4000	2.3		20.0			
1,2-Dibromo-3-Chloropropane	0.1840 0.2443	0.1911 0.2482	0.2016 0.2670	0.2162	0.2271	Ave		0.2224			0.0500	13.3		20.0			
1,2,4-Trichlorobenzene	1.1428 1.1614	1.1890 1.1673	1.2367 1.1112	1.2520	1.2103	Ave		1.1838			0.2000	4.0		20.0			
Hexachlorobutadiene	0.4026 0.4590	0.4020 0.4746	0.5054 0.4568	0.5113	0.4964	Ave		0.4635				9.2		20.0			
Naphthalene	4.2771 4.0385	4.0702 4.1134	4.0833 3.9891	4.1587	4.2016	Ave		4.1165				2.3		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	1.2038 1.1234	1.1713 1.1526	1.1934 1.0996	1.2356	1.1722	Ave		1.1690				3.7		20.0			
Dibromofluoromethane (Surr)	1.2866 1.3258	1.2994 1.3149	1.2985 1.2905	1.2897	1.3352	Ave		1.3051				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	1.3665 1.3997	1.3930 1.3874	1.3866 1.3630	1.3891	1.4315	Ave		1.3896				1.5		20.0			
Toluene-d8 (Surr)	1.2842 1.2745	1.2976 1.2804	1.2919 1.2633	1.2948	1.2830	Ave		1.2837				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.4045 0.3905	0.3973 0.3845	0.3958 0.3829	0.3930	0.3850	Ave		0.3917				1.9		20.0			

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

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-713009/13	L5824.D
Level 2	IC 480-713009/14	L5825.D
Level 3	IC 480-713009/15	L5826.D
Level 4	IC 480-713009/16	L5827.D
Level 5	IC 480-713009/17	L5828.D
Level 6	ICIS 480-713009/18	L5829.D
Level 7	IC 480-713009/19	L5830.D
Level 8	IC 480-713009/20	L5831.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	Lin1	1159 204436	4599 387808	16934 801146	40840	77171	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	3445 214824	7480 425382	19301 829695	47372	88817	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Lin1	1392 202292	5377 412334	16884 813612	40966	82970	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	+++++ 187393	6602 370488	17359 713072	40443	79466	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	2640 129200	5660 272083	12494 465175	29123	55239	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	1379 116399	3899 232217	10407 407975	24945	49764	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	6597 307862	13378 613887	26746 1206938	69831	133759	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	+++++ 261619	6954 516313	23061 1043011	53933	102165	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	3963 190939	8890 382926	16948 770067	42588	81055	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	+++++ 156775	6823 312761	12902 668609	32048	63550	+++++ 125	5.00 250	10.0 500	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Lin1	956 197622	4353 385844	15047 795852	37065	71728	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethene	FB	Ave	+++++ 200090	5811 413168	16143 847387	41089	81445	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	+++++ 628086	29128 1228785	55489 2688966	137619	264224	+++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	4382 376654	12488 772355	30237 1552217	77445	152008	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	7653	18796	53026	131046	261314	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.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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
			643034	1362827	2622374			25.0	50.0	100		
Allyl chloride	FB	Ave	4792 296656	11455 629533	24192 1293506	61459	123501	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	+++++ 594220	25687 1215285	41995 2373720	114444	220194	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	7956 251717	13404 506917	23947 1015407	54701	104698	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	7985 532070	18329 1033907	40576 2372252	110814	206675	4.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	11978 703545	27137 1422766	56069 2876598	143614	282506	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 240348	7309 496469	19467 993110	50559	99523	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	26670 1536976	61585 3059395	120300 5917225	307713	628275	4.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	+++++ 304436	9204 587515	24351 1204804	60635	112491	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	4549 380644	13142 787568	30172 1565860	80172	156643	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	15776 1114251	39985 2321181	78989 4656507	215199	442683	0.800 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	+++++ 201479	6230 418342	16887 800160	43215	87209	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	3712 271084	9380 556008	21743 1089456	54789	111989	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	21078 1061930	45050 2133653	84626 4319443	225136	442990	2.00 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	1856 137011	5177 281507	10183 559677	27793	55454	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	+++++ 277941	13556 548105	23844 1126881	59925	115017	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	7390 384442	15416 783633	33444 1560312	82651	159534	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	+++++ 294779	8501 621234	22669 1264561	60640	122197	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	+++++ 356654	9890 699725	28320 1411806	69886	135328	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	+++++ 258247	7078 520314	19495 1087294	50248	102338	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	+++++ 297877	8520 608070	24763 1220110	61700	120787	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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
Isobutyl alcohol	FB	Ave	9290 628196	22443 1256914	44531 2828031	121708	247044	10.0 625	25.0 1250	50.0 2500	125	250
Benzene	FB	Ave	13259 938365	32664 1896531	77527 3756960	199096	387249	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	4766 288021	11408 586413	23456 1169059	59927	117631	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	4529 311164	11729 601366	23992 1126086	61174	121507	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	2798 239310	7696 495437	19376 988020	48673	97707	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	+++++ 394841	10747 761673	31099 1577338	76214	148868	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3251 225826	8158 468297	17663 927723	47302	94354	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZd 5	Ave	1451 100545	3158 191633	6429 431593	20267	39497	8.00 500	20.0 1000	40.0 2000	100	200
Dibromomethane	FB	Ave	2576 161538	6006 330553	12753 664415	32257	65233	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromodichloromethane	FB	Ave	3959 285106	9429 592582	21302 1215877	54633	113332	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2440 191242	7711 400737	13719 753985	37338	77445	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	4814 375767	11566 788742	25519 1610854	71048	146911	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZd 5	Ave	35143 1966762	80828 3827934	155979 7375704	402987	797421	2.00 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZd 5	Ave	9400 608497	21969 1233905	49774 2447589	127563	248464	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	4259 340542	10644 726978	22624 1472613	63162	132595	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZd 5	Ave	5774 391426	14605 775199	28016 1551759	75502	150266	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZd 5	Ave	3024 197911	7740 404759	15470 811716	41363	80862	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZd 5	Ave	2561	7401	20373	51628	101624	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.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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
			246108	501569	1010619			25.0	50.0	100		
1,3-Dichloropropane	CBNZd5	Ave	6359 400119	15673 810698	31733 1609951	82598	165082	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZd5	Ave	26937 1545193	60308 2868293	122010 5651809	309804	612949	2.00 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZd5	Ave	3105 237527	7617 497766	15715 1023262	43406	91784	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZd5	Ave	4005 262041	9108 538340	19641 1070594	52874	107020	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Chlorobenzene	CBNZd5	Ave	10244 678230	23715 1384348	55706 2746041	142139	277448	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZd5	Ave	15282 1093389	37057 2226440	90952 4354704	227435	448576	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 222430	7343 458516	15780 909865	42871	87901	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
m-Xylene & p-Xylene	CBNZd5	Ave	5784 447768	14481 911264	37194 1779466	92443	183035	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBNZd5	Ave	6558 454035	14997 911507	36014 1782980	93169	184481	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBNZd5	Ave	9807 744185	24663 1498069	56192 2927323	149073	295777	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBNZd5	Ave	2568 174589	5352 379523	11207 794366	30250	65769	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCBd4	Ave	13906 1104642	34862 2251409	86657 4433659	225123	449016	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCBd4	Ave	4530 286881	10673 575489	22549 1129826	59537	117709	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	6390 394095	15186 785471	30399 1541897	79036	157000	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCBd4	Ave	17487 1313372	43614 2666512	106841 5057489	269121	541843	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	1070	2965	6562	18093	37710	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.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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
			102429	207161	431009			25.0	50.0	100		
1,2,3-Trichloropropane	DCBd4	Ave	2089 126477	4847 248316	9501 484030	26649	51136	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCBd4	Ave	3977 271261	9355 548116	21489 1060561	56436	111135	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCBd4	Ave	12530 930767	30545 1877682	72948 3642104	193090	381554	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCBd4	Ave	12514 792646	29477 1579043	65117 3086717	164016	322576	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd4	Ave	+++++ 214618	6729 446173	17308 866621	44675	88798	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd4	Ave	12982 975884	32962 1969546	77731 3790842	197515	394269	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd4	Ave	14366 1218613	39118 2488843	97272 4827060	252496	498680	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd4	Ave	12299 1041392	31876 2096247	83113 3997655	215272	421398	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd4	Ave	8629 542717	20743 1078496	44889 2021571	115083	224693	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dichlorobenzene	DCBd4	Ave	9002 555421	21849 1097050	45522 2102270	116360	229717	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd4	Ave	11859 953677	31247 1899934	77273 3671397	195147	384735	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd4	Ave	8578 545567	21877 1072427	44228 2062372	113686	220216	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1022 84795	2623 169251	5467 354945	14909	31238	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd4	Ave	6349 403187	16322 796047	33540 1476969	86343	166467	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd4	Ave	2237 159355	5519 323677	13706 607195	35258	68275	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCBd4	Ave	23763 1402018	55874 2805009	110738 5302422	286797	577907	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCBd4	Ave	6688 390004	16079 785997	32365 1461559	85212	161232	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	203609 211110	200620 213125	200917 211210	206104	210964	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	216252 222884	215075 224869	214559 223074	221994	226173	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZd5	Ave	828533	824650	812853	842092	841896	25.0	25.0	25.0	25.0	25.0

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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
			844260	855233	847107			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZd 5	Ave	260997	252463	249009	255594	252655	25.0	25.0	25.0	25.0	25.0
			258654	256800	256768			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.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-713009/13	L5824.D
Level 2	IC 480-713009/14	L5825.D
Level 3	IC 480-713009/15	L5826.D
Level 4	IC 480-713009/16	L5827.D
Level 5	IC 480-713009/17	L5828.D
Level 6	ICIS 480-713009/18	L5829.D
Level 7	IC 480-713009/19	L5830.D
Level 8	IC 480-713009/20	L5831.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	-12.1						30					
Chloromethane	-0.6						30					
Vinyl chloride	-13.2						30					
Butadiene	+++++	-10.9						30				
Bromomethane	17.2						30					
Chloroethane	-23.0						30					
Dichlorofluoromethane	23.3						30					
Trichlorofluoromethane	+++++	-29.1						30				
Ethyl ether	18.7						30					
Acrolein	+++++	8.5						30				
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2						30					
1,1-Dichloroethene	+++++	-23.8						30				
Acetone	+++++	11.8						30				
Iodomethane	-23.7						30					
Carbon disulfide	-21.6						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	-1.4						30					
Methyl acetate	+++++	13.2						30				
Methylene Chloride	-4.5						30					
2-Methyl-2-propanol	-4.0						30					
Methyl tert-butyl ether	5.7						30					
trans-1,2-Dichloroethene	+++++	-20.9						30				
Acrylonitrile	8.1						30					
Hexane	+++++	-17.9						30				
1,1-Dichloroethane	-22.6						30					
Vinyl acetate	-7.9						30					
2,2-Dichloropropane	+++++	-20.5						30				
cis-1,2-Dichloroethene	-11.9						30					
2-Butanone (MEK)	18.2						30					
Chlorobromomethane	-12.8						30					
Tetrahydrofuran	+++++	18.4						30				
Chloroform	14.2						30					
1,1,1-Trichloroethane	+++++	-24.4						30				
Cyclohexane	+++++	-24.1						30				
Carbon tetrachloride	+++++	-25.7						30				
1,1-Dichloropropene	+++++	-24.7						30				
Isobutyl alcohol	-4.6						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	-10.2						30					
1,2-Dichloroethane	2.0						30					
n-Heptane	-4.6						30					
Trichloroethene	-23.3						30					
Methylcyclohexane	+++++	-25.0						30				
1,2-Dichloropropane	-9.0						30					
1,4-Dioxane	-2.6						30					
Dibromomethane	0.3						30					
Bromodichloromethane	-9.3						30					
2-Chloroethyl vinyl ether	-17.1						30					
cis-1,3-Dichloropropene	-13.8						30					
4-Methyl-2-pentanone (MIBK)	11.6						30					
Toluene	-2.2						30					
trans-1,3-Dichloropropene	-14.9						30					
Ethyl methacrylate	-2.6						30					
1,1,2-Trichloroethane	-3.8						30					
Tetrachloroethene	-30.4 *						30					
1,3-Dichloropropane	-0.2						30					
2-Hexanone	11.6						30					
Dibromochloromethane	-11.2						30					
1,2-Dibromoethane	-1.4						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	-4.0						30					
Ethylbenzene	-9.9						30					
1,1,1,2-Tetrachloroethane	+++++	-11.5						30				
m-Xylene & p-Xylene	-15.4						30					
o-Xylene	-5.7						30					
Styrene	-12.1						30					
Bromoform	-0.9						30					
Isopropylbenzene	-18.6						30					
Bromobenzene	-2.1						30					
1,1,2,2-Tetrachloroethane	1.0						30					
N-Propylbenzene	-14.9						30					
trans-1,4-Dichloro-2-butene	-27.0						30					
1,2,3-Trichloropropane	2.7						30					
2-Chlorotoluene	-7.6						30					
1,3,5-Trimethylbenzene	-13.8						30					
4-Chlorotoluene	-2.3						30					
tert-Butylbenzene	+++++	-21.1						30				
1,2,4-Trimethylbenzene	-14.6						30					
sec-Butylbenzene	-23.7						30					
4-Isopropyltoluene	-22.6						30					
1,3-Dichlorobenzene	-2.1						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-220956-1 Analy Batch No.: 713009

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 16:17 Calibration End Date: 05/22/2024 19:13 Calibration ID: 46657

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	-0.6						30					
n-Butylbenzene	-19.4						30					
1,2-Dichlorobenzene	-2.8						30					
1,2-Dibromo-3-Chloropropane	-17.3						30					
1,2,4-Trichlorobenzene	-3.5						30					
Hexachlorobutadiene	-13.1						30					
Naphthalene	3.9						30					
1,2,3-Trichlorobenzene	3.0						30					
Dibromofluoromethane (Surr)	-1.4						30					
1,2-Dichloroethane-d4 (Surr)	-1.7						30					
Toluene-d8 (Surr)	0.0						30					
4-Bromofluorobenzene (Surr)	3.3						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D
Lims ID: IC 0.4
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2024 16:17:41 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.4
Misc. Info.: 480-0118173-013
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:42:07 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:16:21

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	5.670	5.670	0.000	99	158253	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	645154	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.953	-0.004	94	347241	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	94	203609	25.0	24.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	98	216252	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	828533	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	98	260997	25.0	25.8	
10 Dichlorodifluoromethane	85	1.766	1.747	0.019	85	1159	0.4000	0.3515	
13 Chloromethane	50	1.985	1.982	0.003	86	3445	0.4000	0.3977	a
14 Vinyl chloride	62	2.075	2.081	-0.006	73	1392	0.4000	0.3474	M
15 Butadiene	54	2.088	2.094	-0.006	72	2040	0.4000	0.2685	M
18 Bromomethane	94	2.445	2.438	0.007	30	2640	0.4000	0.4689	
19 Chloroethane	64	2.496	2.496	0.000	46	1379	0.4000	0.3082	a
20 Dichlorofluoromethane	67	2.715	2.718	-0.003	62	6597	0.4000	0.4932	
21 Trichlorofluoromethane	101	2.712	2.724	-0.012	52	1449	0.4000	0.1441	
26 Ethyl ether	59	2.953	2.953	0.000	84	3963	0.4000	0.4749	
28 Acrolein	56	3.139	3.139	0.000	35	3805	2.00	2.95	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.162	3.171	-0.009	61	956	0.4000	0.4049	a
30 1,1-Dichloroethene	96	3.204	3.187	0.017	70	1810	0.4000	0.2315	a
31 Acetone	43	3.281	3.277	0.004	99	14749	2.00	2.76	a
33 Iodomethane	142	3.374	3.371	0.003	89	4382	0.4000	0.3052	
35 Carbon disulfide	76	3.413	3.409	0.004	94	7653	0.4000	0.3137	a
37 3-Chloro-1-propene	41	3.503	3.506	-0.003	87	4792	0.4000	0.3943	M
38 Methyl acetate	43	3.538	3.532	0.006	93	13262	0.8000	1.14	M
39 Methylene Chloride	84	3.644	3.638	0.006	85	7956	0.4000	0.3819	M
40 2-Methyl-2-propanol	59	3.792	3.753	0.039	94	7985	4.00	3.84	
41 Methyl tert-butyl ether	73	3.818	3.814	0.004	94	11978	0.4000	0.4226	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	93	2583	0.4000	0.2728	
44 Acrylonitrile	53	3.889	3.885	0.004	98	26670	4.00	4.33	
47 Hexane	57	3.995	3.998	-0.003	85	3034	0.4000	0.2642	

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	4.213	4.213	0.000	90	4549	0.4000	0.3097	
49 Vinyl acetate	43	4.236	4.232	0.004	97	15776	0.8000	0.7371	
56 2,2-Dichloropropane	77	4.683	4.686	-0.003	78	1951	0.4000	0.2429	a
58 cis-1,2-Dichloroethene	96	4.712	4.712	0.000	68	3712	0.4000	0.3525	
57 2-Butanone (MEK)	43	4.731	4.724	0.007	98	21078	2.00	2.36	M
60 Chlorobromomethane	128	4.930	4.930	0.000	70	1856	0.4000	0.3488	
61 Tetrahydrofuran	42	4.950	4.949	0.001	93	6326	0.8000	1.08	
62 Chloroform	83	4.979	4.978	0.001	91	7390	0.4000	0.4569	
64 1,1,1-Trichloroethane	97	5.110	5.107	0.003	35	2732	0.4000	0.2372	a
65 Cyclohexane	56	5.117	5.123	-0.006	43	2884	0.4000	0.2159	a
67 1,1-Dichloropropene	75	5.242	5.239	0.003	88	2979	0.4000	0.2567	
66 Carbon tetrachloride	117	5.245	5.239	0.006	70	2135	0.4000	0.2186	Ma
69 Isobutyl alcohol	43	5.380	5.367	0.013	94	9290	10.0	9.54	
70 Benzene	78	5.435	5.435	0.000	92	13259	0.4000	0.3594	
72 1,2-Dichloroethane	62	5.490	5.490	0.000	91	4766	0.4000	0.4080	
73 n-Heptane	43	5.548	5.548	0.000	82	4529	0.4000	0.3818	
75 Trichloroethene	95	5.988	5.988	0.000	88	2798	0.4000	0.3068	
76 Methylcyclohexane	83	6.114	6.110	0.004	88	2692	0.4000	0.1834	a
77 1,2-Dichloropropane	63	6.216	6.220	-0.004	88	3251	0.4000	0.3641	
81 1,4-Dioxane	88	6.345	6.335	0.010	58	1451	8.00	7.79	
82 Dibromomethane	93	6.352	6.355	-0.003	91	2576	0.4000	0.4014	
83 Dichlorobromomethane	83	6.477	6.477	0.000	91	3959	0.4000	0.3628	
84 2-Chloroethyl vinyl ether	63	6.712	6.708	0.004	77	2440	0.4000	0.3315	a
85 cis-1,3-Dichloropropene	75	6.872	6.866	0.006	94	4814	0.4000	0.3450	a
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	95	35143	2.00	2.23	
88 Toluene	92	7.155	7.155	0.000	98	9400	0.4000	0.3914	
91 trans-1,3-Dichloropropene	75	7.396	7.403	-0.007	77	4259	0.4000	0.3404	
90 Ethyl methacrylate	69	7.419	7.409	0.010	78	5774	0.4000	0.3897	a
93 1,1,2-Trichloroethane	83	7.599	7.596	0.003	73	3024	0.4000	0.3850	
94 Tetrachloroethene	166	7.683	7.676	0.007	85	2561	0.4000	0.2784	
95 1,3-Dichloropropane	76	7.766	7.760	0.006	76	6359	0.4000	0.3992	a
96 2-Hexanone	43	7.792	7.789	0.003	93	26937	2.00	2.23	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	77	3105	0.4000	0.3554	a
101 Ethylene Dibromide	107	8.123	8.123	0.000	97	4005	0.4000	0.3943	
103 Chlorobenzene	112	8.573	8.576	-0.003	94	10244	0.4000	0.3842	a
104 Ethylbenzene	91	8.647	8.644	0.003	97	15282	0.4000	0.3604	
105 1,1,1,2-Tetrachloroethane	131	8.654	8.660	-0.006	84	2549	0.4000	0.3026	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	93	5784	0.4000	0.3384	
107 o-Xylene	106	9.191	9.194	-0.003	92	6558	0.4000	0.3770	
109 Styrene	104	9.220	9.219	0.001	92	9807	0.4000	0.3516	
110 Bromoform	173	9.490	9.490	0.000	78	2568	0.4000	0.3963	
111 Isopropylbenzene	105	9.564	9.564	0.000	94	13906	0.4000	0.3258	
113 Bromobenzene	156	9.956	9.959	-0.003	85	4530	0.4000	0.3915	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.975	-0.003	88	6390	0.4000	0.4039	
114 N-Propylbenzene	91	10.007	10.010	-0.003	98	17487	0.4000	0.3402	
115 trans-1,4-Dichloro-2-butene	53	10.020	10.023	-0.003	64	1070	0.4000	0.2921	
116 1,2,3-Trichloropropane	110	10.027	10.027	0.000	86	2089	0.4000	0.4106	a
117 2-Chlorotoluene	126	10.136	10.139	-0.003	96	3977	0.4000	0.3695	a
118 1,3,5-Trimethylbenzene	105	10.187	10.187	0.000	92	12530	0.4000	0.3450	
119 4-Chlorotoluene	91	10.252	10.248	0.004	93	12514	0.4000	0.3908	
120 tert-Butylbenzene	134	10.512	10.518	-0.006	91	2124	0.4000	0.2463	
121 1,2,4-Trimethylbenzene	105	10.567	10.573	-0.006	94	12982	0.4000	0.3416	

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	10.728	10.731	-0.003	92	14366	0.4000	0.3053	
123 4-Isopropyltoluene	119	10.866	10.863	0.004	94	12299	0.4000	0.3098	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	94	8629	0.4000	0.3917	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	95	9002	0.4000	0.3977	a
127 n-Butylbenzene	91	11.248	11.248	0.000	95	11859	0.4000	0.3225	
128 1,2-Dichlorobenzene	146	11.322	11.329	-0.007	95	8578	0.4000	0.3886	a
129 1,2-Dibromo-3-Chloropropane	75	12.036	12.030	0.006	74	1022	0.4000	0.3308	M
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	89	6349	0.4000	0.3861	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	79	2237	0.4000	0.3475	
132 Naphthalene	128	12.869	12.869	0.000	96	23763	0.4000	0.4156	
133 1,2,3-Trichlorobenzene	180	13.059	13.065	-0.006	93	6688	0.4000	0.4119	
S 144 1,3-Dichloropropene, Total	1				0			0.6853	
S 143 Xylenes, Total	1				0			0.7154	
S 142 Total BTEX	1				0			1.83	
S 141 1,2-Dichloroethene, Total	1				0			0.6253	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00255	Amount Added:	0.40	Units: uL	
GAS CORP mix_00619	Amount Added:	0.40	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:42:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D

Injection Date: 22-May-2024 16:17:41 Instrument ID: HP5977L

Lims ID: IC 0.4

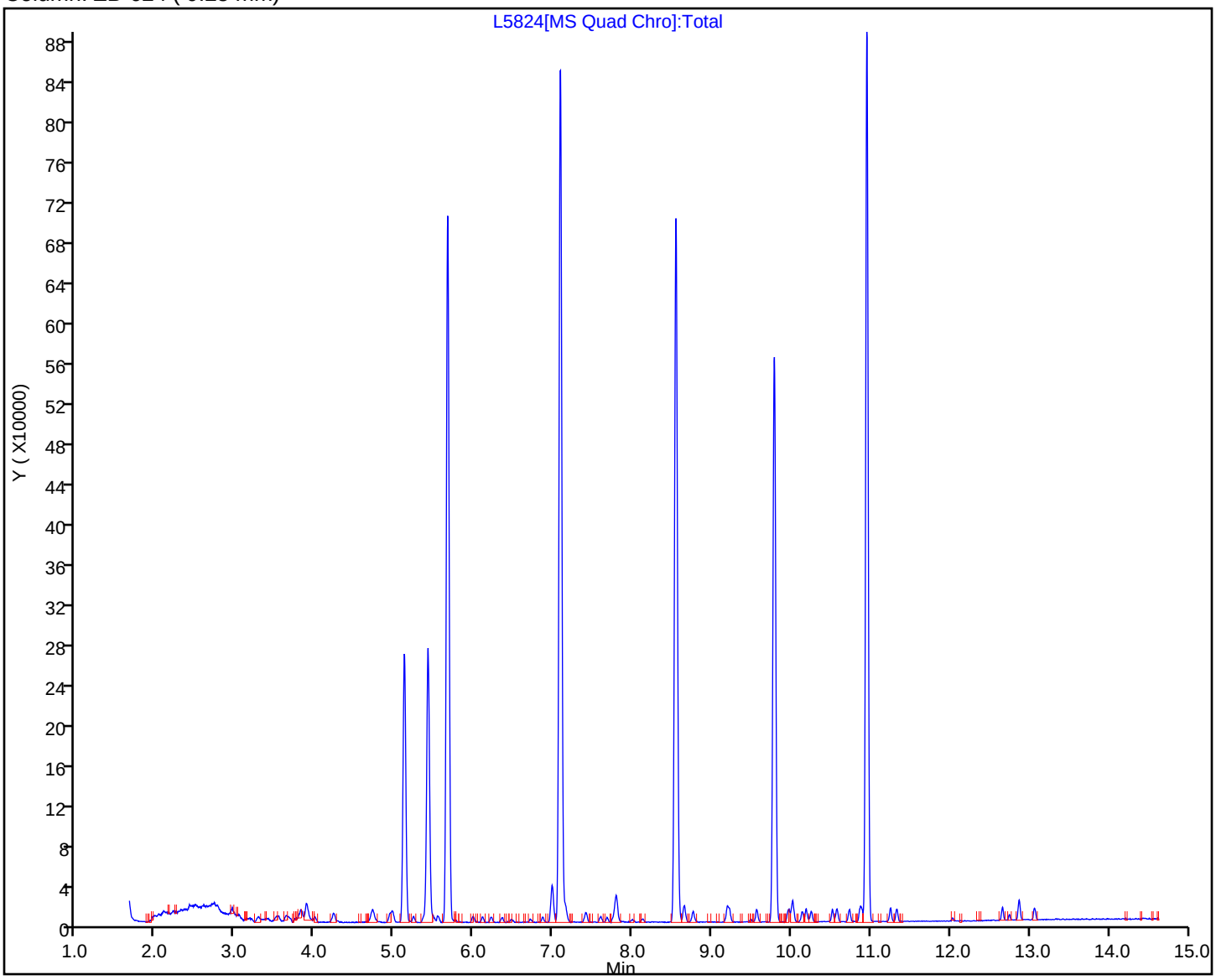
Client ID:

Operator ID: ZN 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

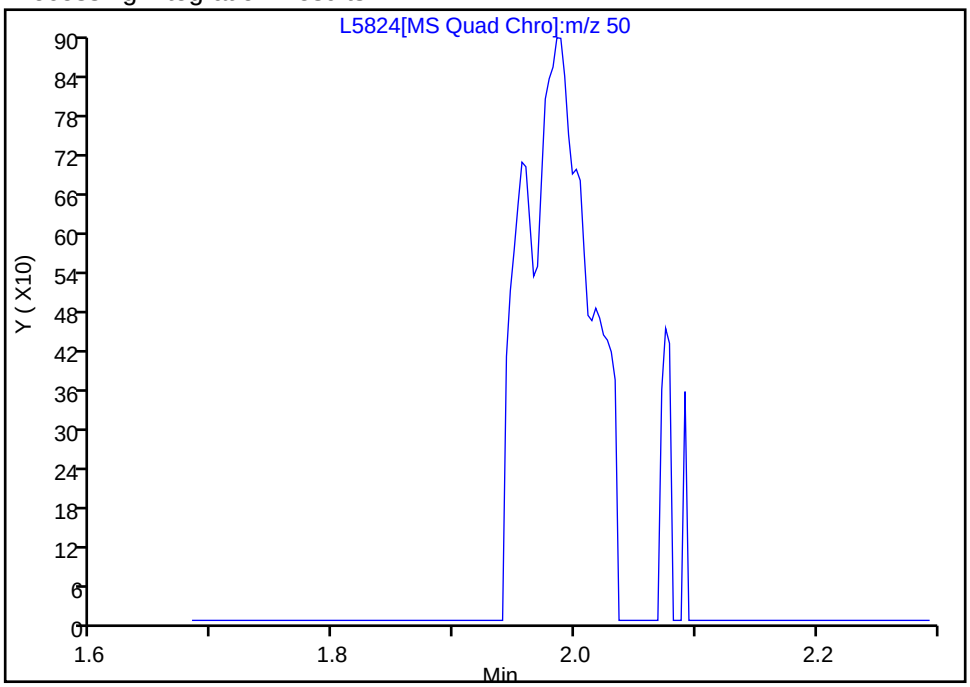
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

13 Chloromethane, CAS: 74-87-3

Signal: 1

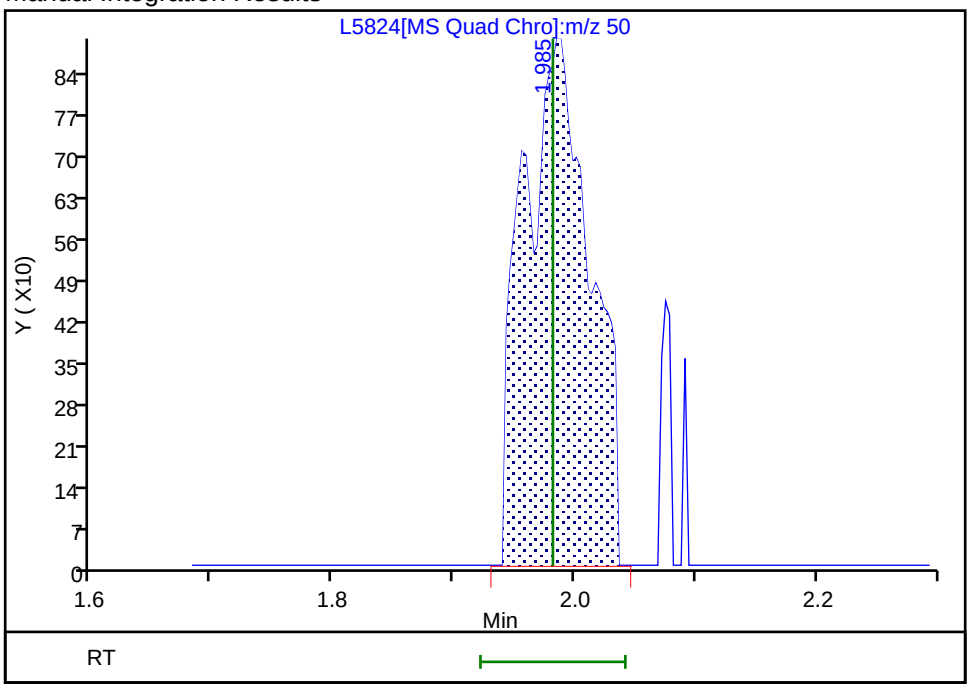
Not Detected
Expected RT: 1.98

Processing Integration Results



RT: 1.99
Area: 3445
Amount: 0.397710
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 23-May-2024 08:15:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

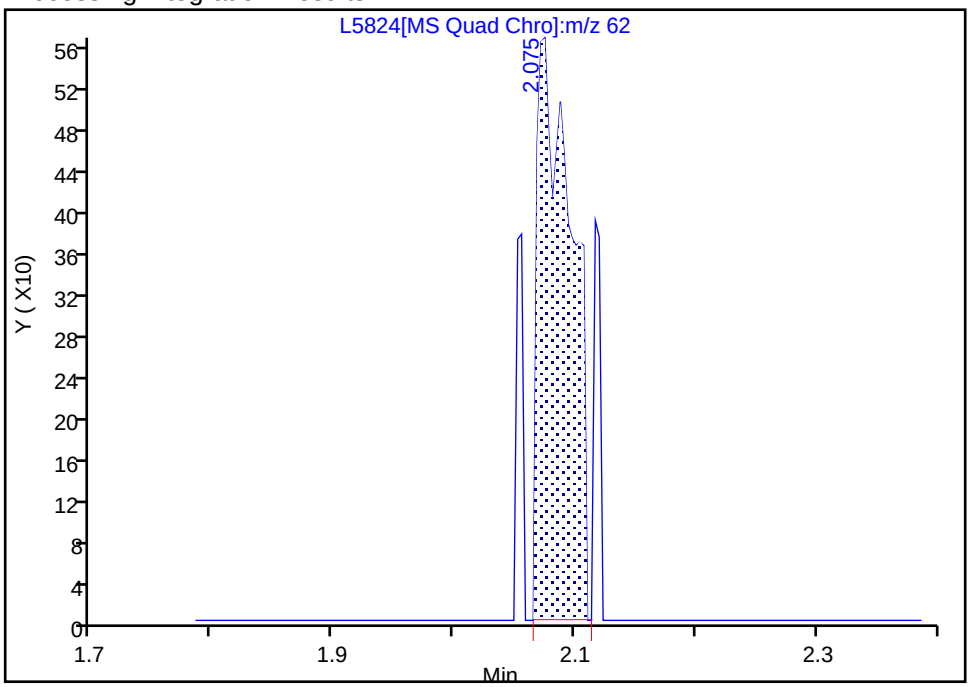
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

14 Vinyl chloride, CAS: 75-01-4

Signal: 1

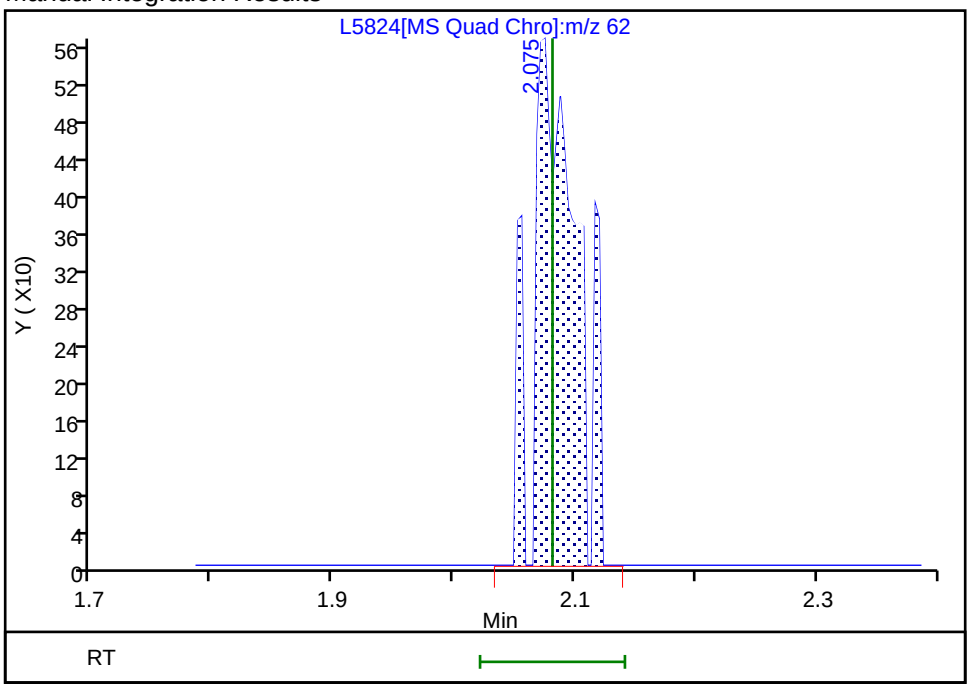
Processing Integration Results

RT: 2.08
Area: 1102
Amount: 0.153898
Amount Units: ug/L



Manual Integration Results

RT: 2.08
Area: 1392
Amount: 0.347383
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:18:31 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

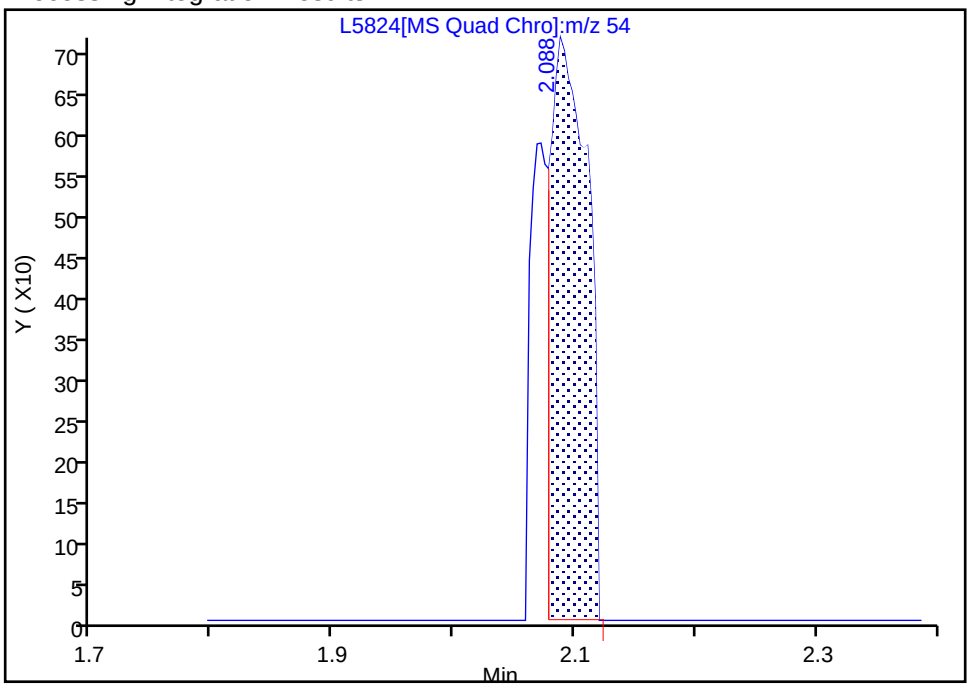
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

15 Butadiene, CAS: 106-99-0

Signal: 1

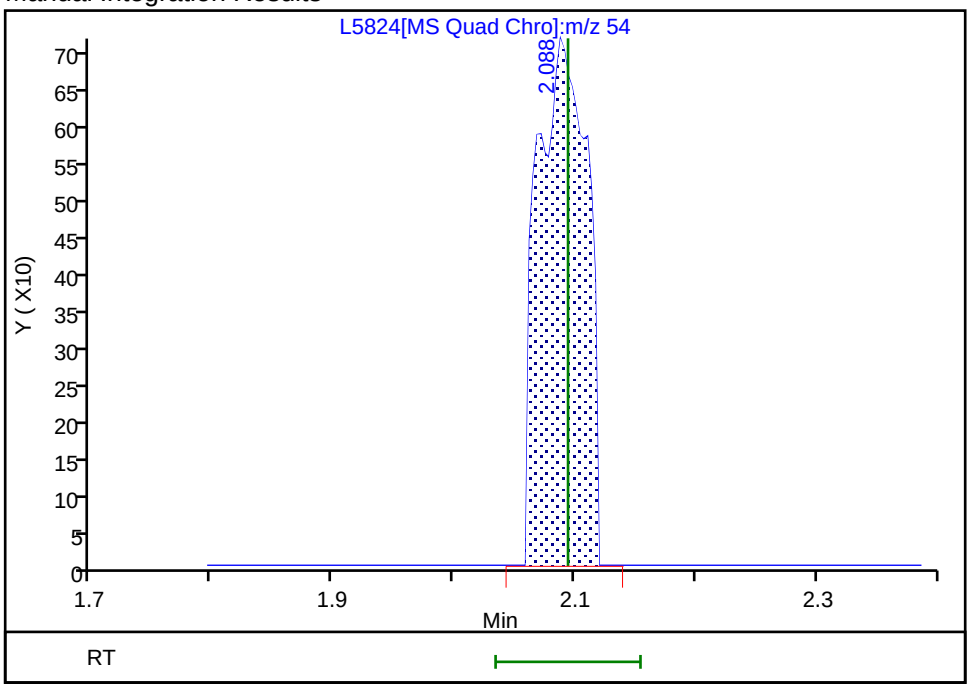
Processing Integration Results

RT: 2.09
Area: 1516
Amount: 0.212838
Amount Units: ug/L



Manual Integration Results

RT: 2.09
Area: 2040
Amount: 0.268460
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

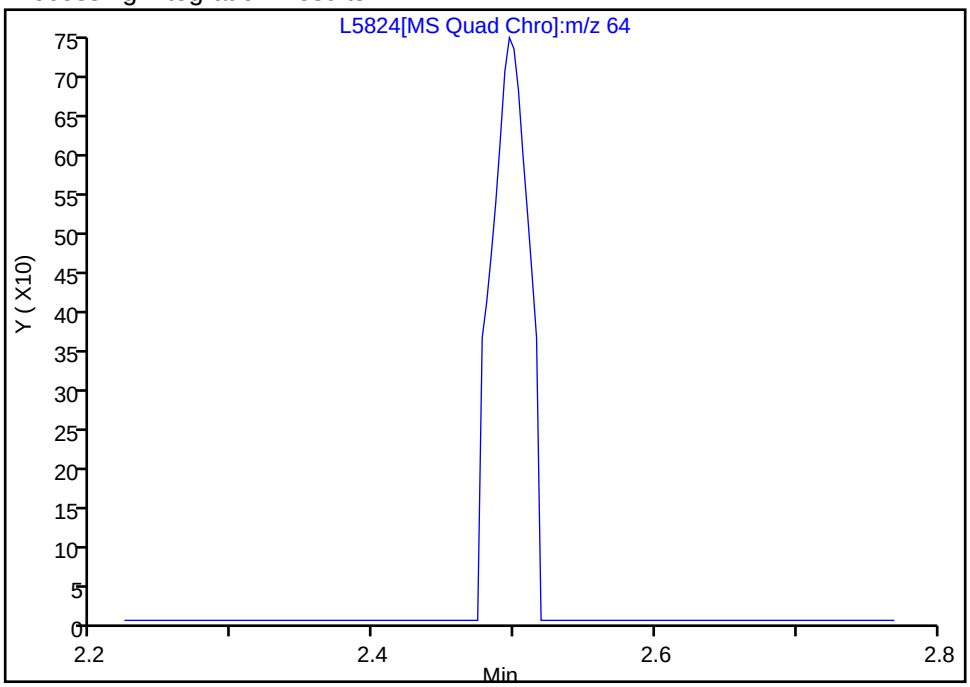
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

19 Chloroethane, CAS: 75-00-3

Signal: 1

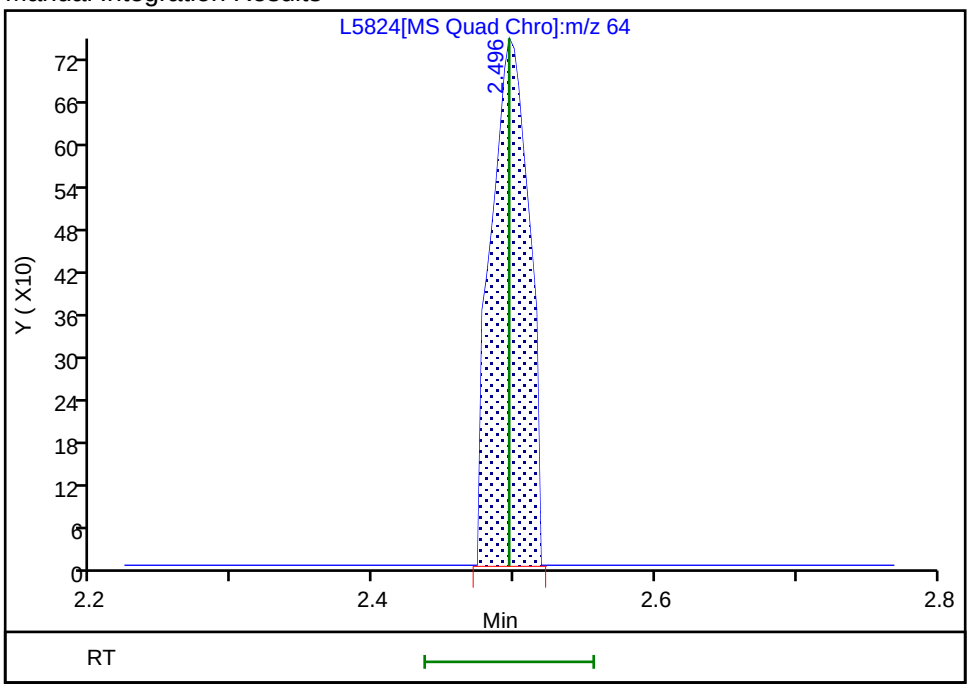
Processing Integration Results

Not Detected
Expected RT: 2.50



Manual Integration Results

RT: 2.50
Area: 1379
Amount: 0.308180
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

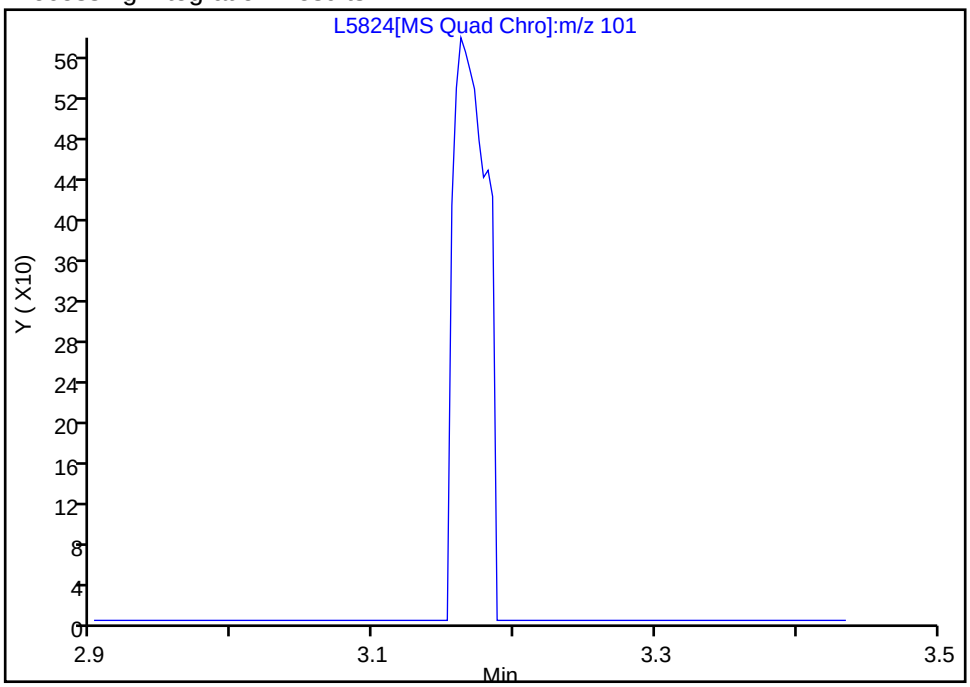
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C 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

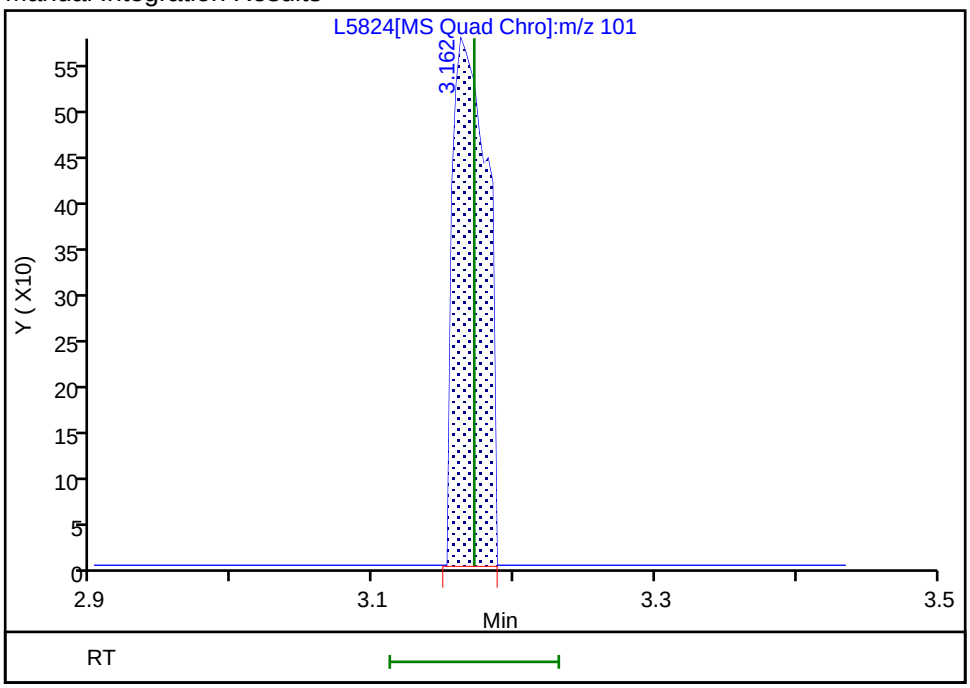
Not Detected
Expected RT: 3.17

Processing Integration Results



Manual Integration Results

RT: 3.16
Area: 956
Amount: 0.404916
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:40 -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\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	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		

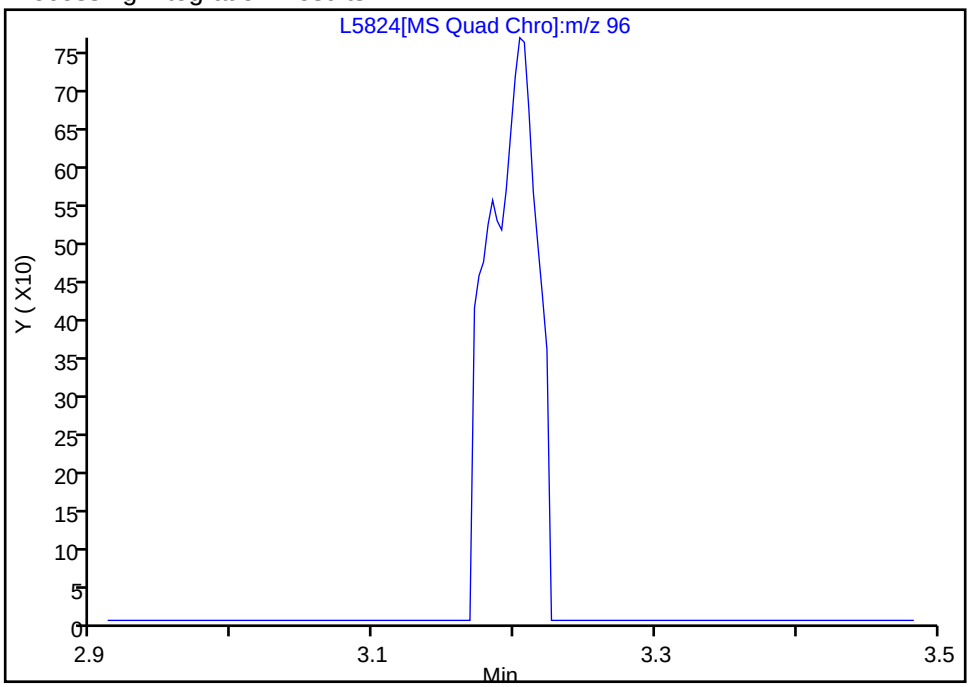
30 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

Processing Integration Results

Not Detected

Expected RT: 3.19



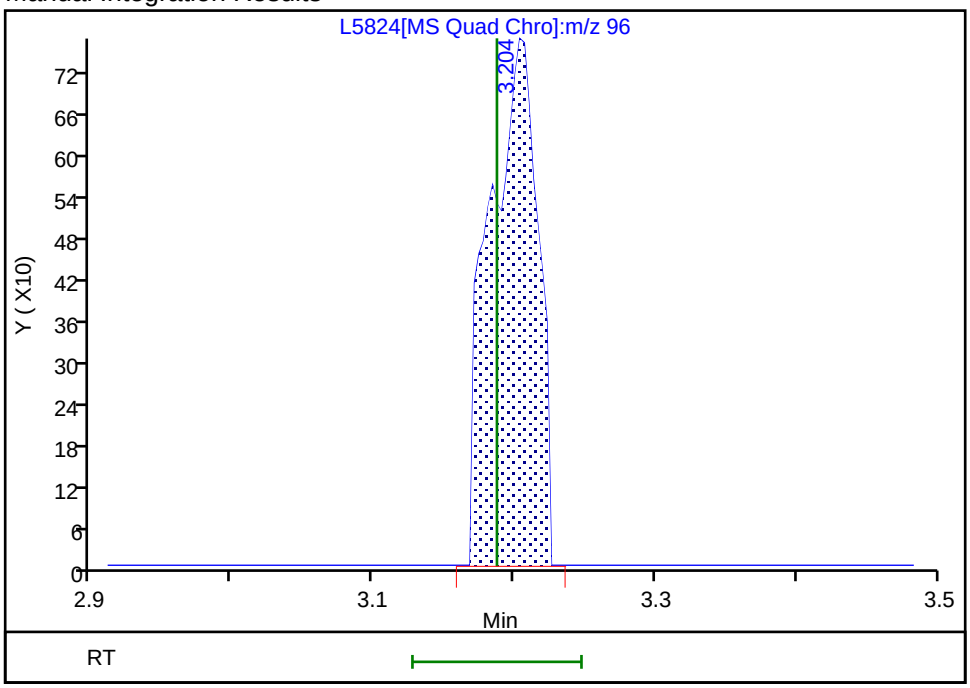
Manual Integration Results

RT: 3.20

Area: 1810

Amount: 0.231531

Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:45 -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\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	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		

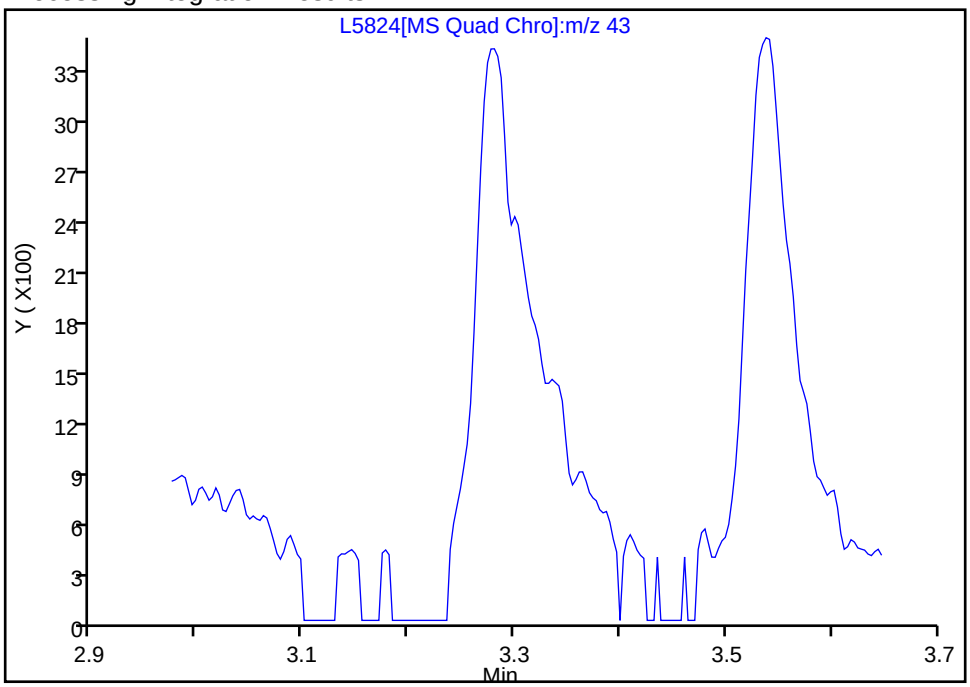
31 Acetone, CAS: 67-64-1

Signal: 1

Not Detected

Expected RT: 3.28

Processing Integration Results



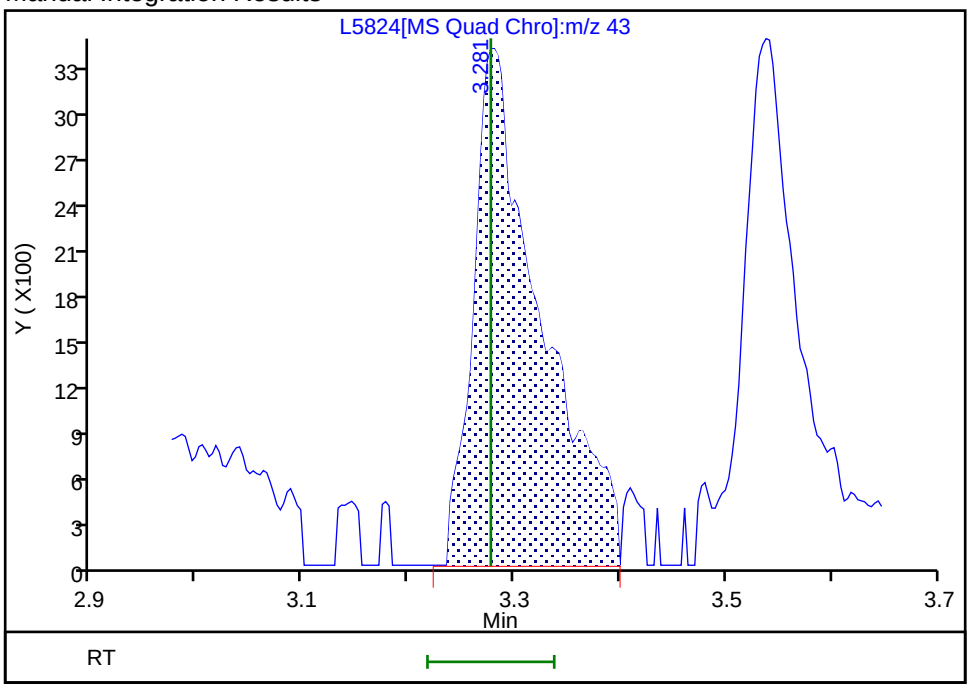
Manual Integration Results

RT: 3.28

Area: 14749

Amount: 2.761747

Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:48 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

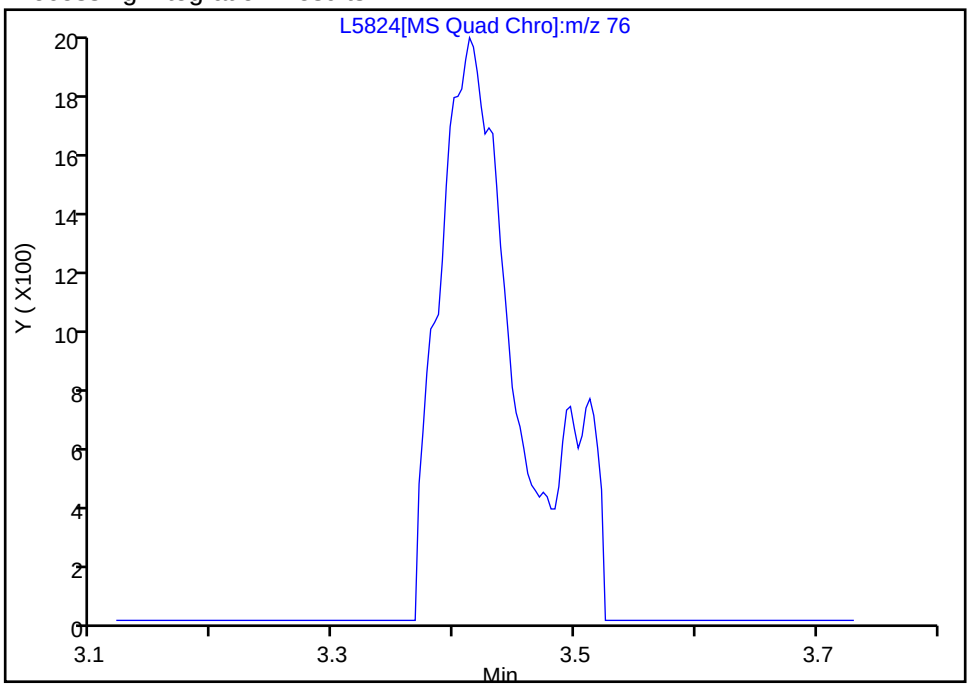
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

35 Carbon disulfide, CAS: 75-15-0

Signal: 1

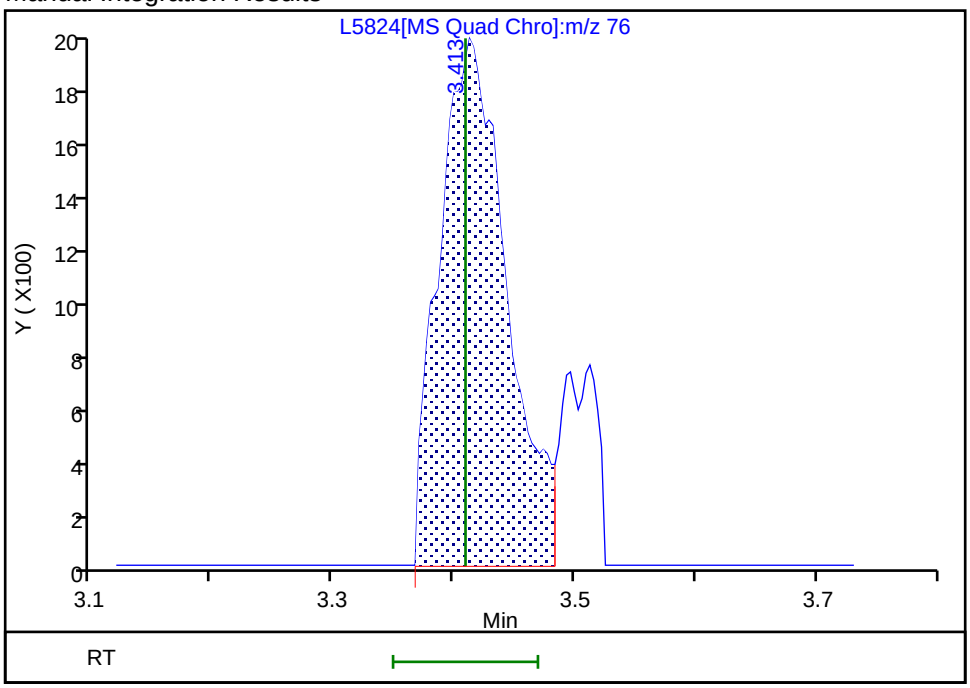
Processing Integration Results

Not Detected
Expected RT: 3.41



Manual Integration Results

RT: 3.41
Area: 7653
Amount: 0.313690
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:15:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

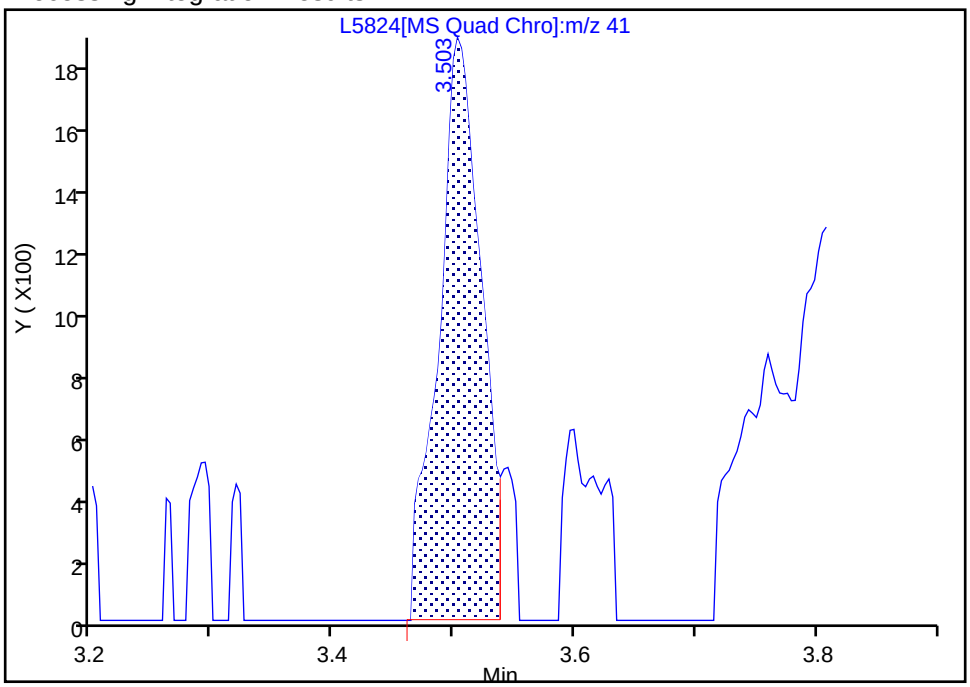
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

37 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

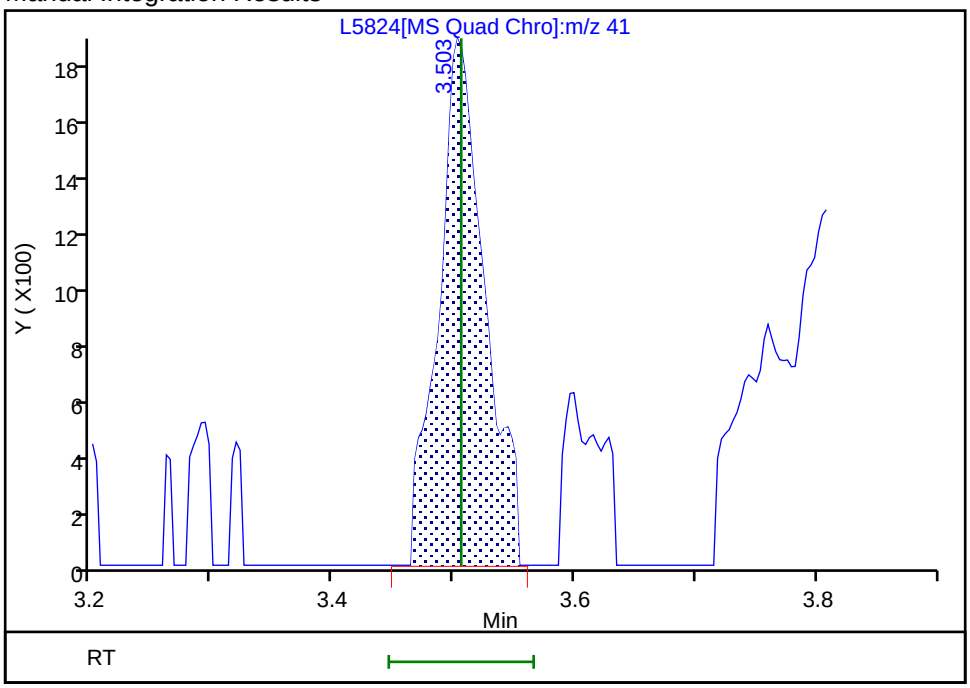
Processing Integration Results

RT: 3.50
Area: 4455
Amount: 0.369765
Amount Units: ug/L



Manual Integration Results

RT: 3.50
Area: 4792
Amount: 0.394290
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:18:52 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

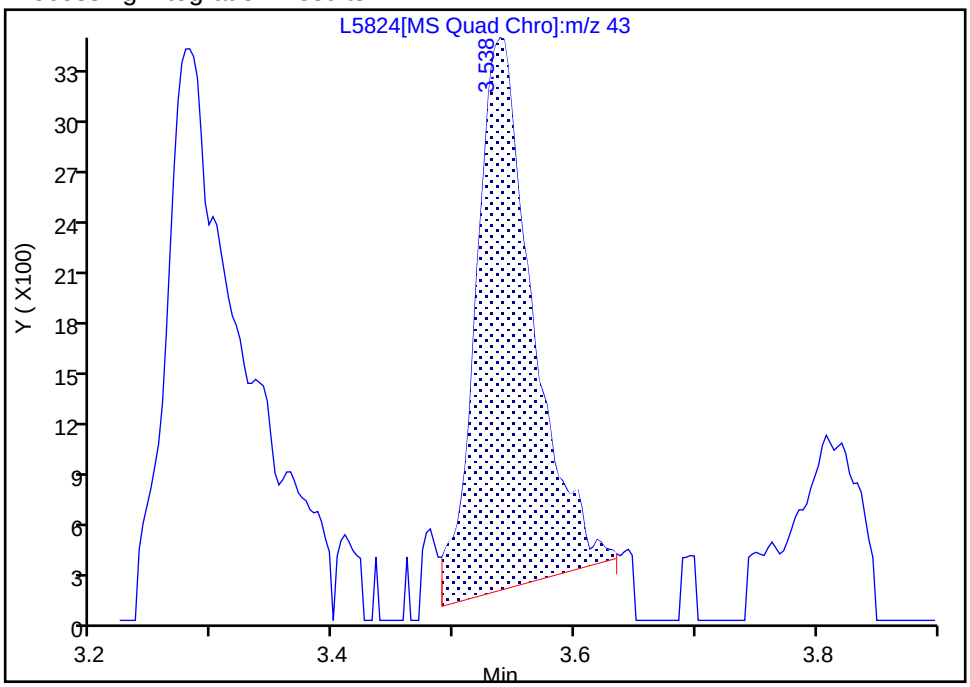
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

38 Methyl acetate, CAS: 79-20-9

Signal: 1

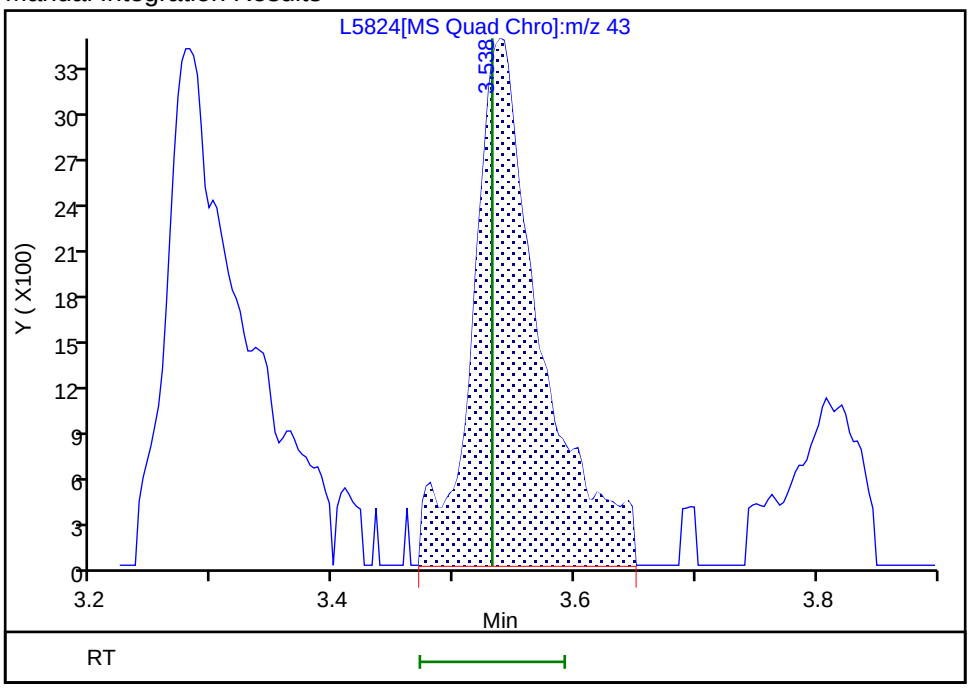
Processing Integration Results

RT: 3.54
Area: 10520
Amount: 0.889967
Amount Units: ug/L



Manual Integration Results

RT: 3.54
Area: 13262
Amount: 1.140253
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:16:41 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

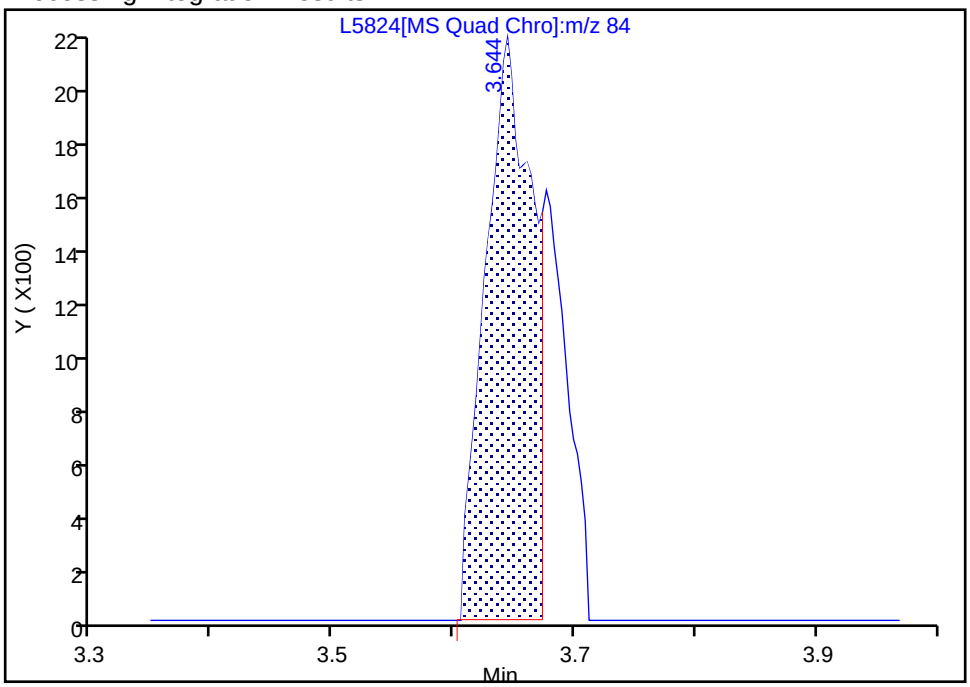
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

39 Methylene Chloride, CAS: 75-09-2

Signal: 1

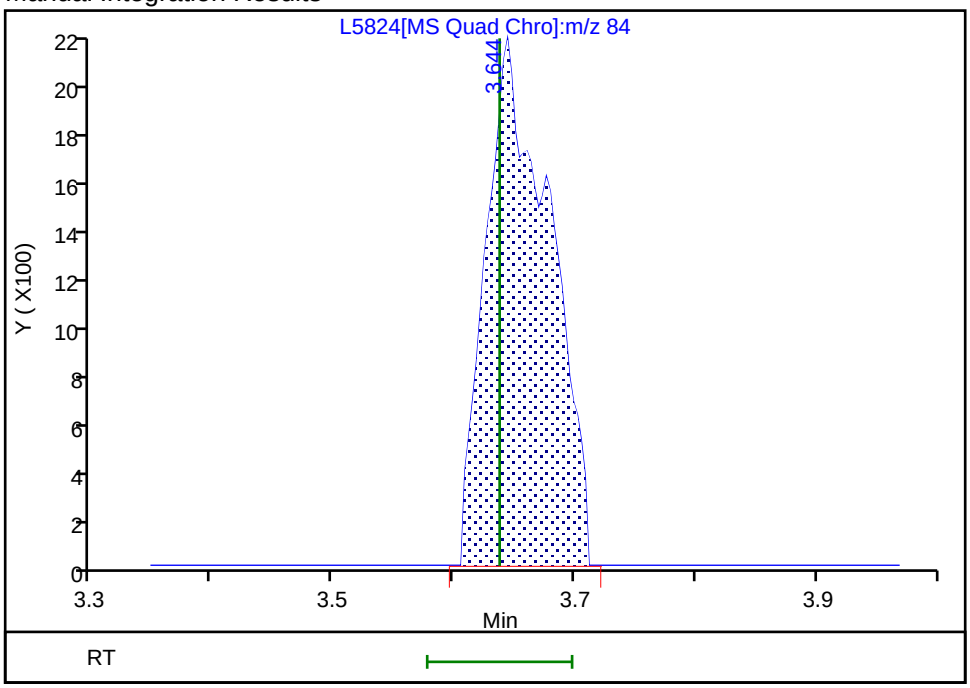
Processing Integration Results

RT: 3.64
Area: 5869
Amount: 0.297407
Amount Units: ug/L



Manual Integration Results

RT: 3.64
Area: 7956
Amount: 0.381860
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:18:46 -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\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	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		

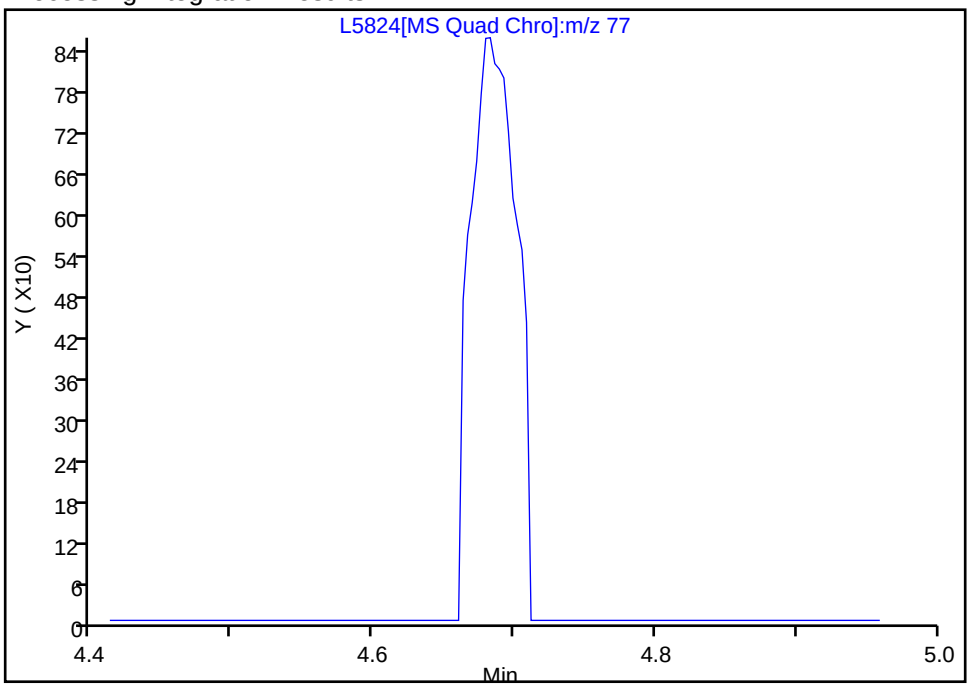
56 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Processing Integration Results

Not Detected

Expected RT: 4.69



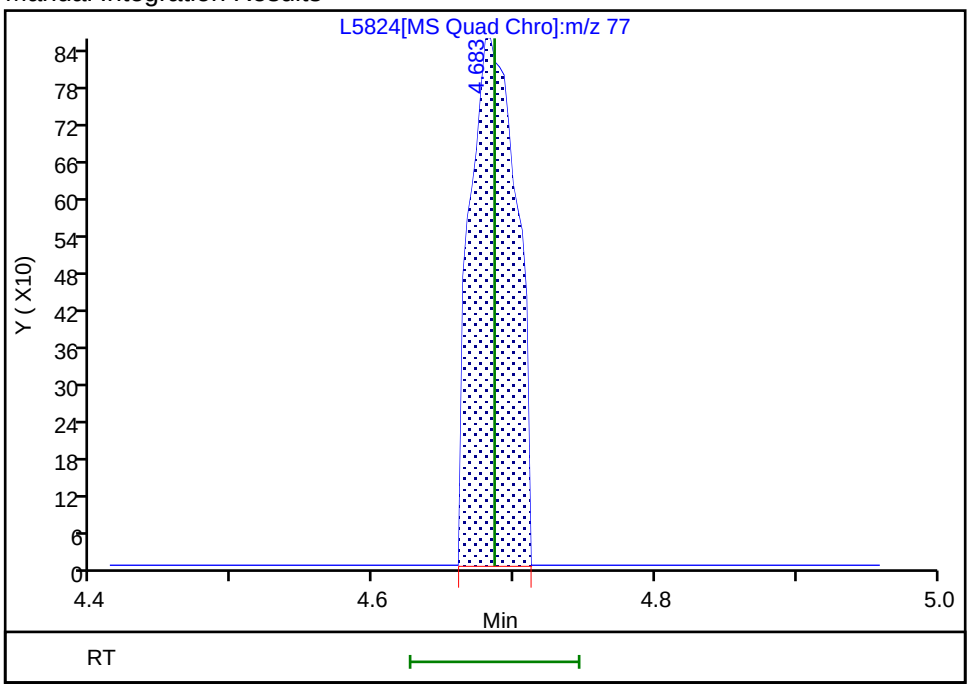
Manual Integration Results

RT: 4.68

Area: 1951

Amount: 0.242875

Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:16:53 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

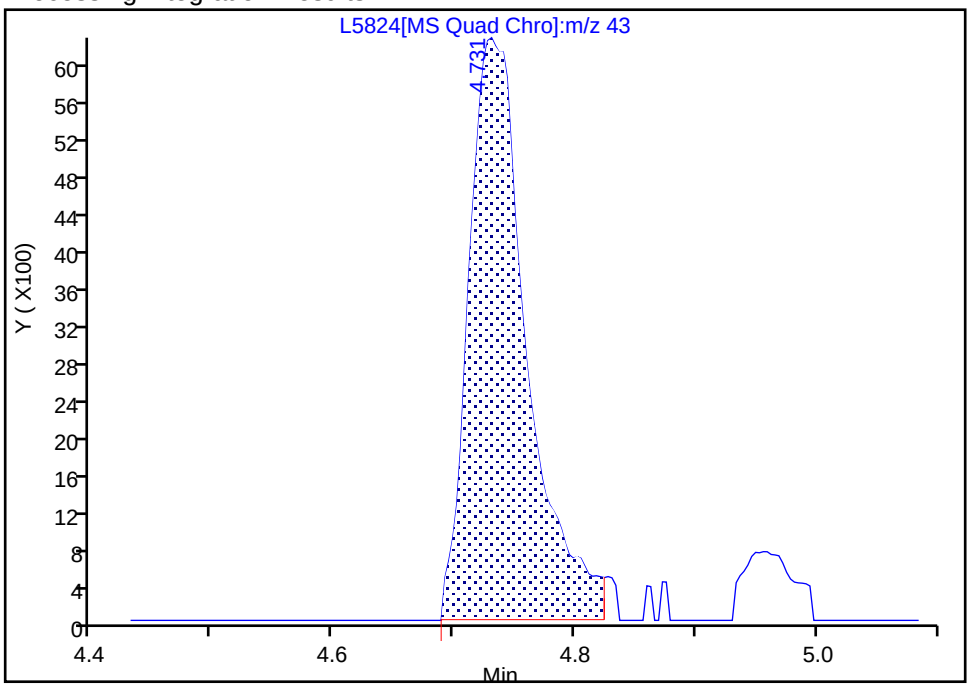
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

57 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

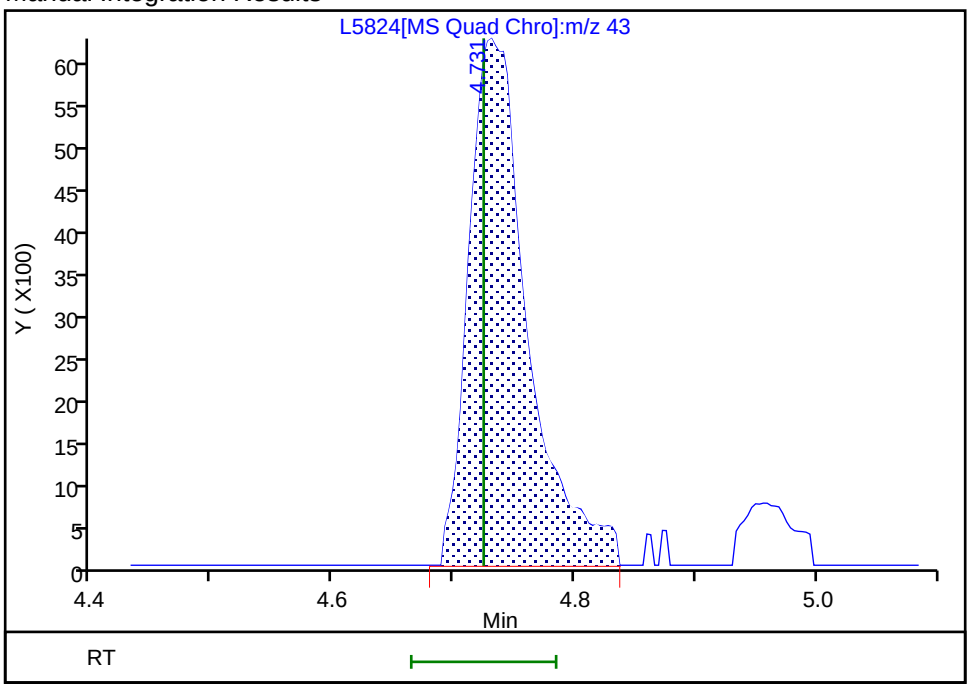
Processing Integration Results

RT: 4.73
Area: 20827
Amount: 2.339299
Amount Units: ug/L



Manual Integration Results

RT: 4.73
Area: 21078
Amount: 2.363328
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:19:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

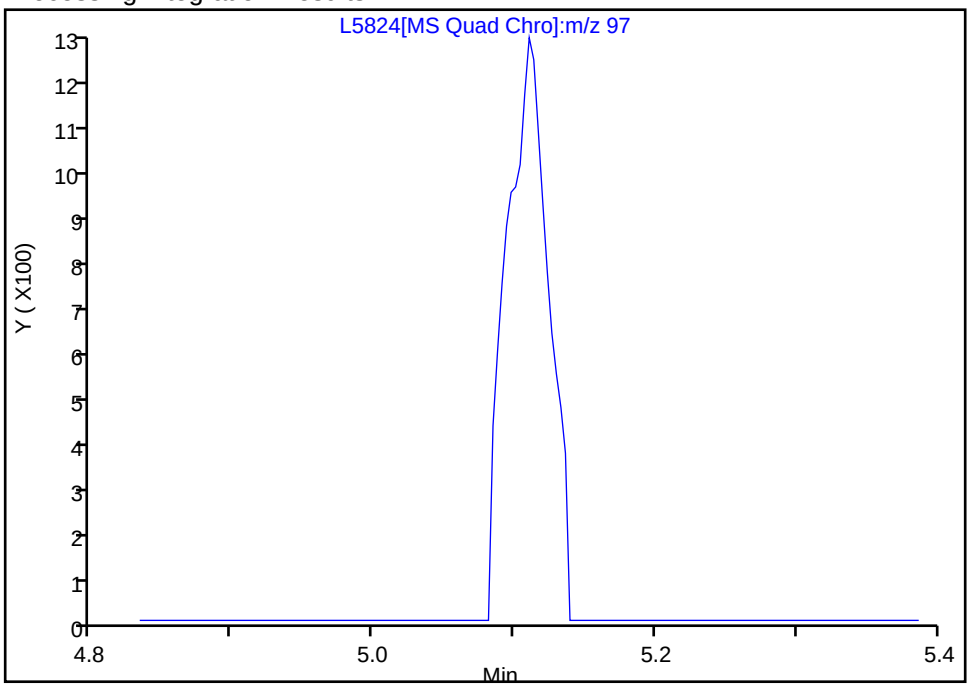
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

64 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

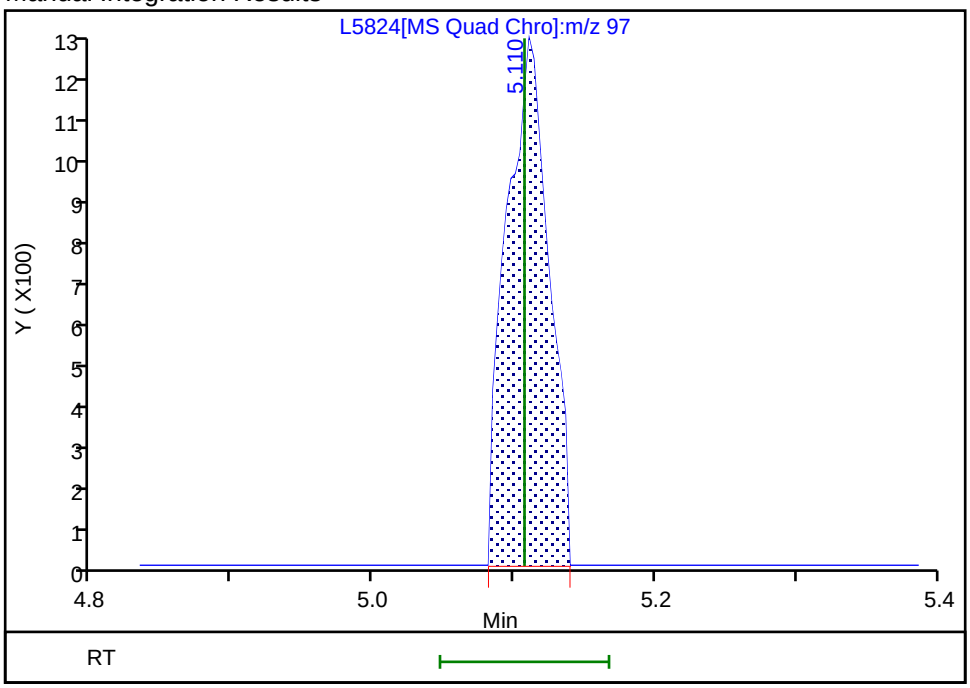
Not Detected
Expected RT: 5.11

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 2732
Amount: 0.237176
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:16:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

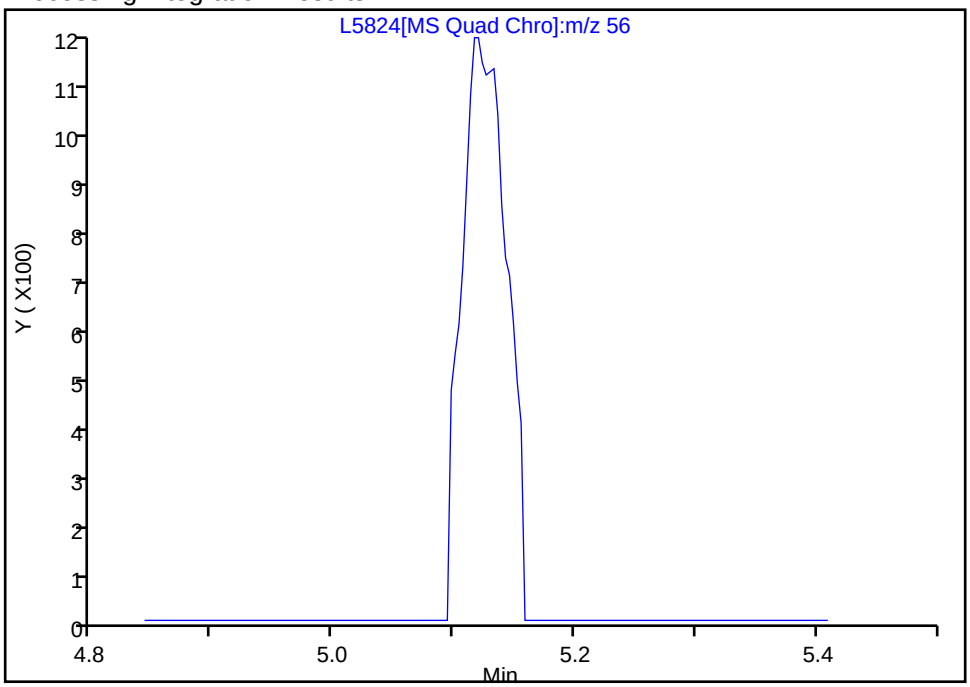
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

65 Cyclohexane, CAS: 110-82-7

Signal: 1

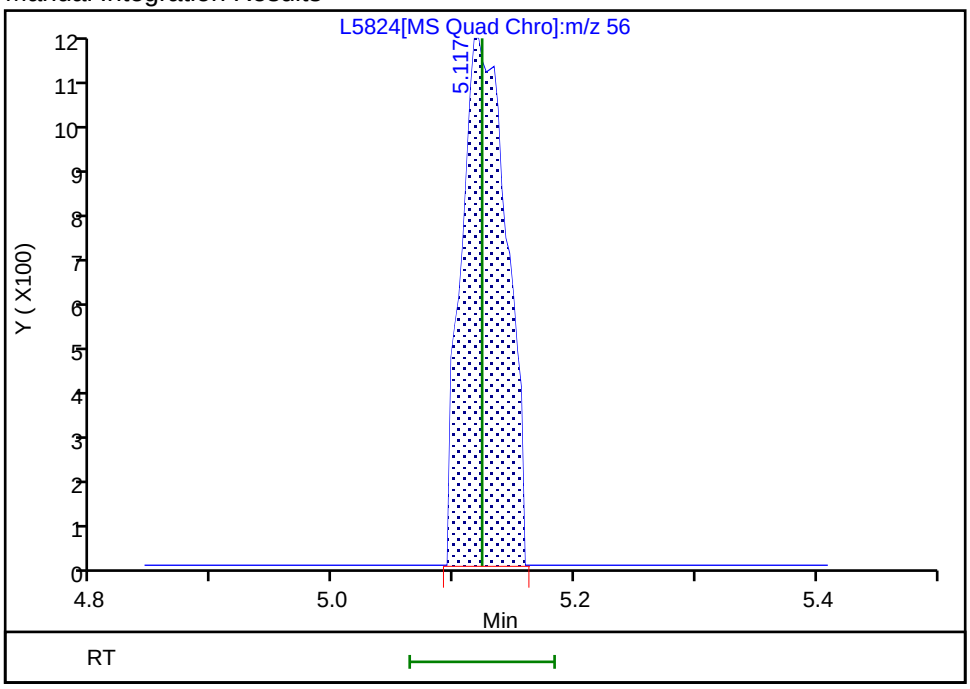
Not Detected
Expected RT: 5.12

Processing Integration Results



RT: 5.12
Area: 2884
Amount: 0.215896
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 23-May-2024 08:17:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

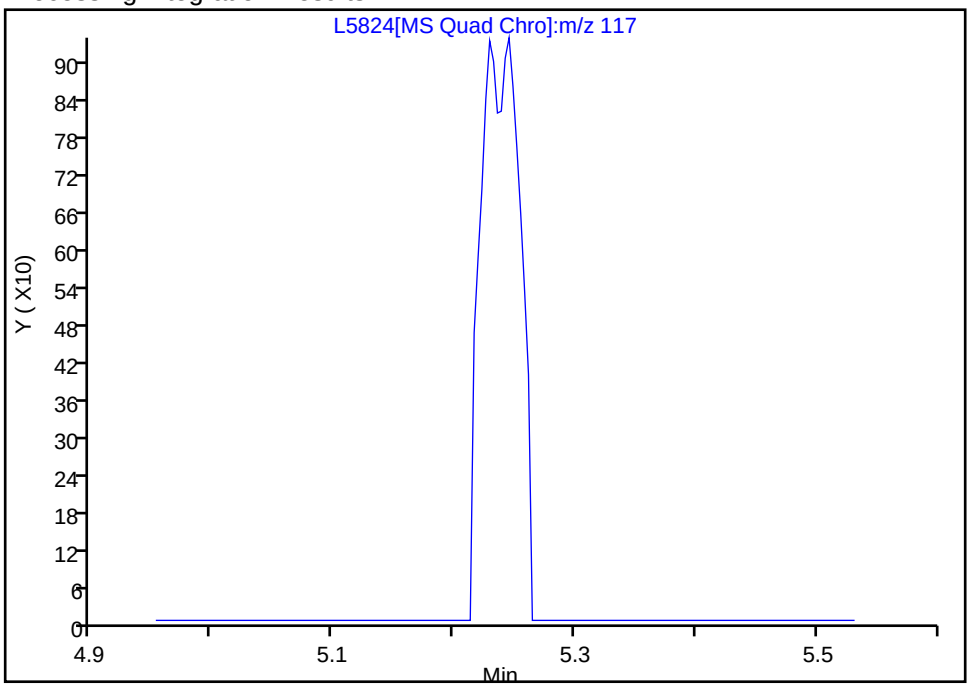
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

66 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

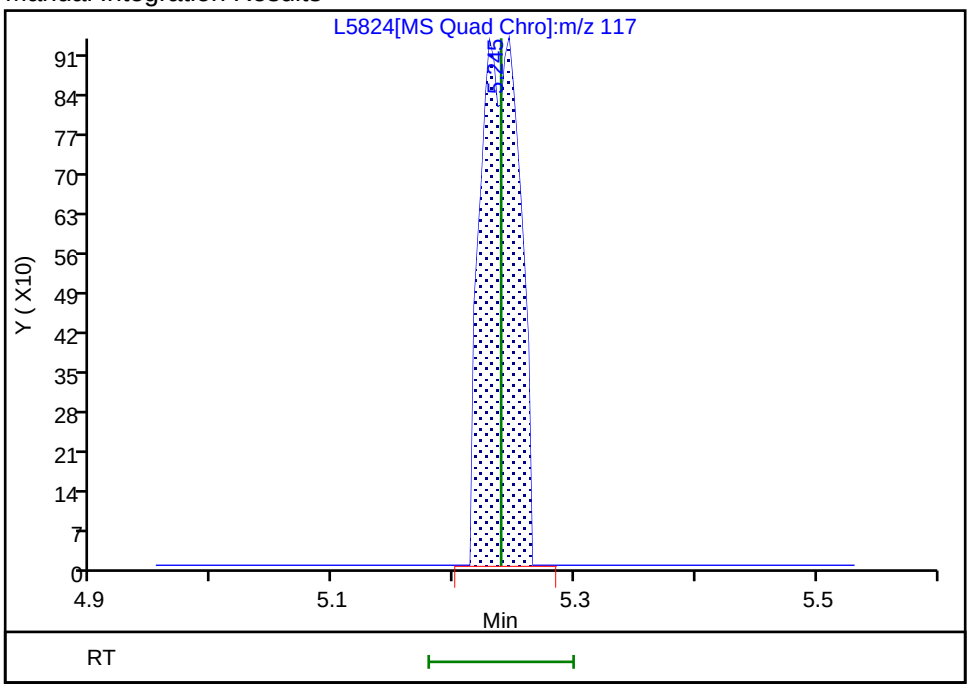
Processing Integration Results

Not Detected
Expected RT: 5.24



Manual Integration Results

RT: 5.25
Area: 2135
Amount: 0.218603
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

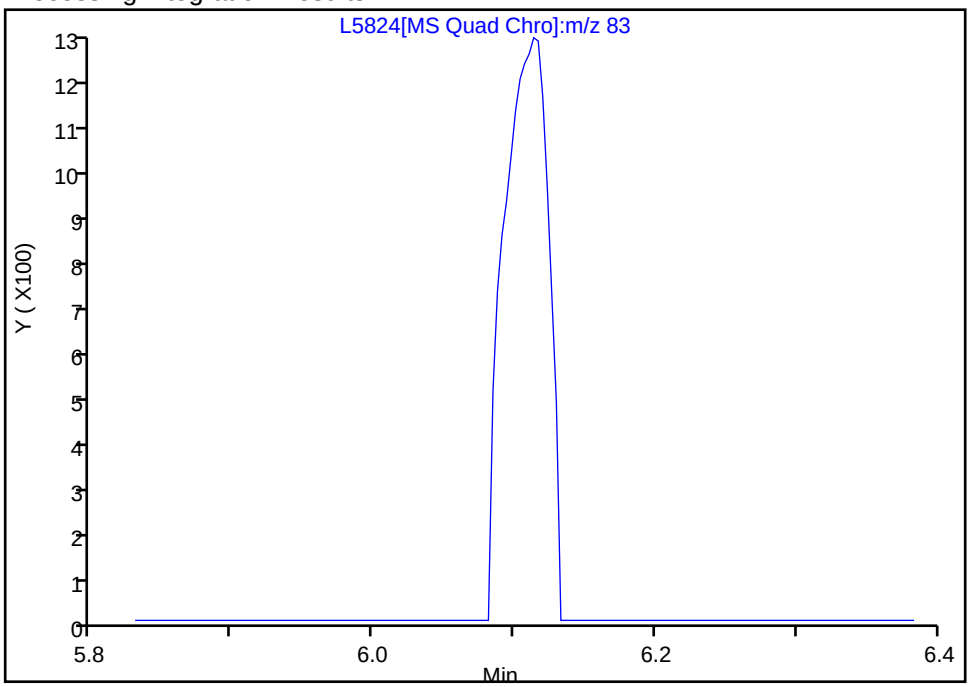
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

76 Methylcyclohexane, CAS: 108-87-2

Signal: 1

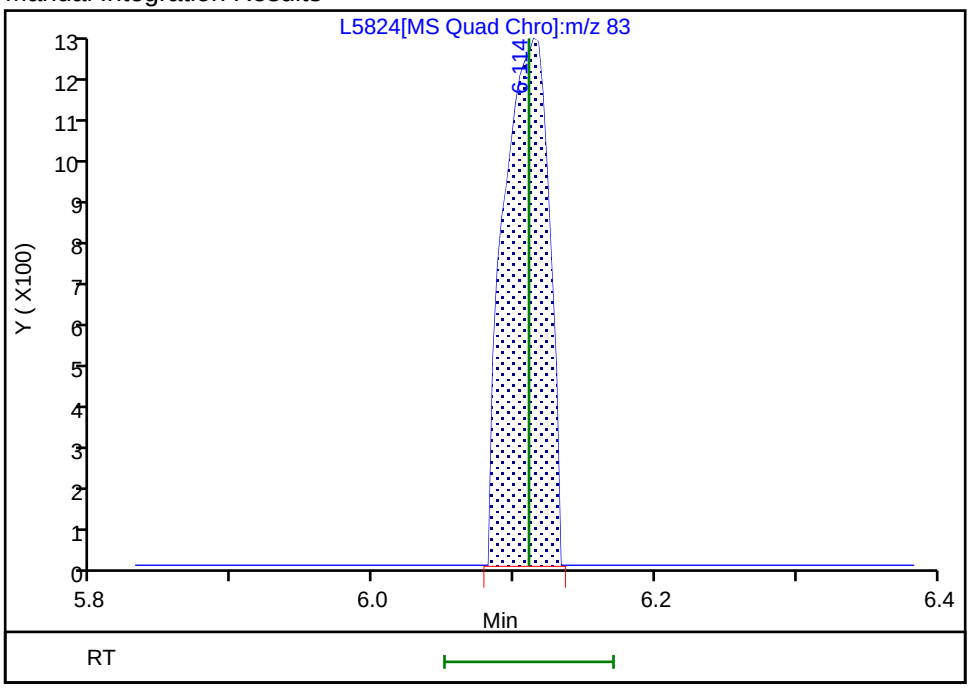
Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 2692
Amount: 0.183405
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

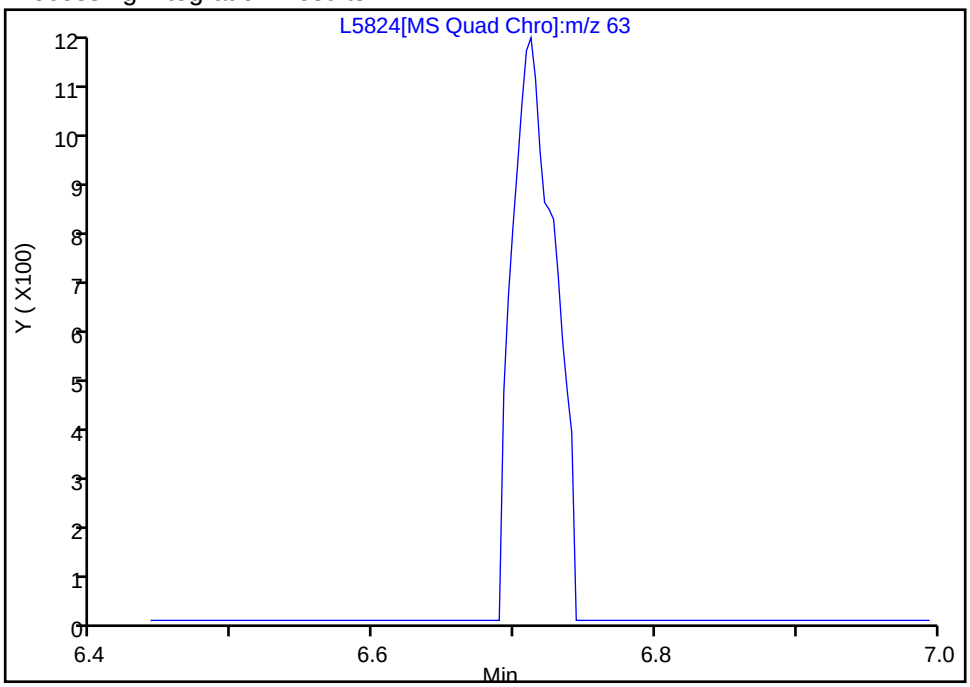
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

84 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

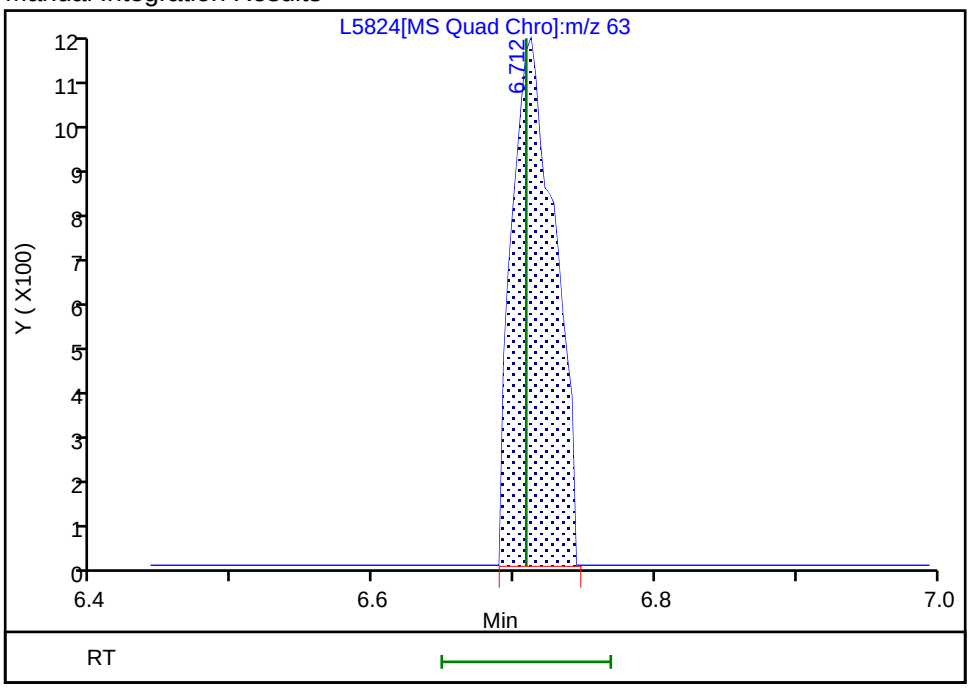
Processing Integration Results

Not Detected
Expected RT: 6.71



Manual Integration Results

RT: 6.71
Area: 2440
Amount: 0.331469
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

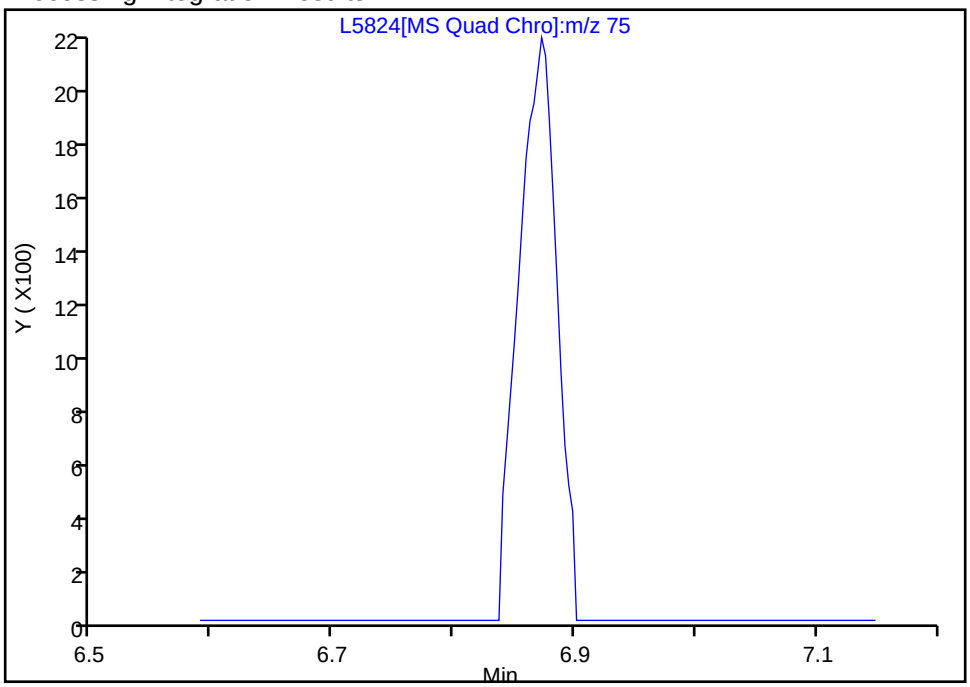
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

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

Signal: 1

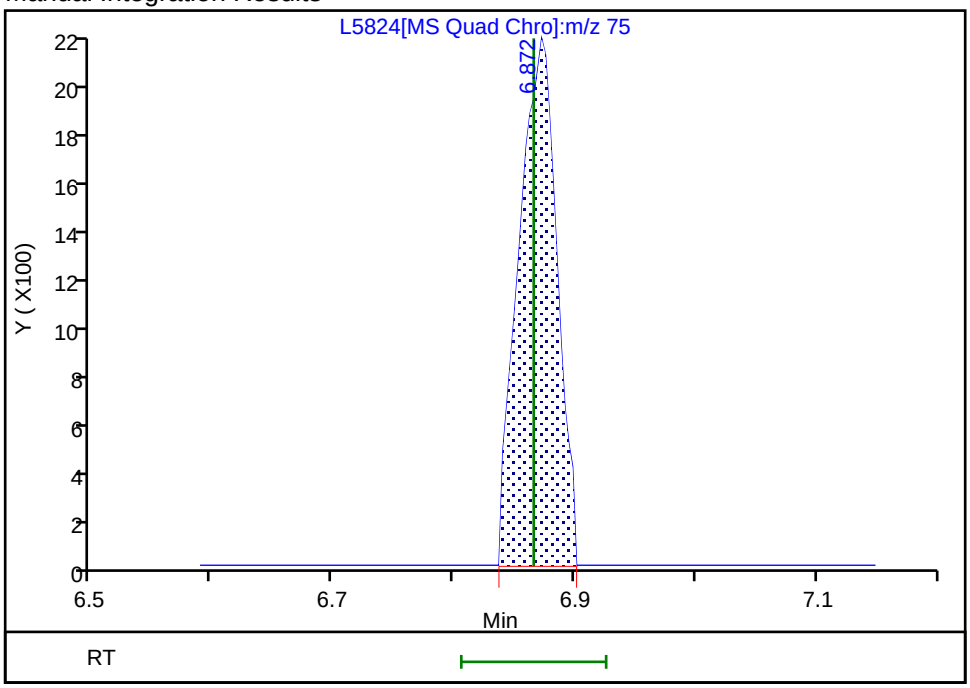
Not Detected
Expected RT: 6.87

Processing Integration Results



Manual Integration Results

RT: 6.87
Area: 4814
Amount: 0.344961
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

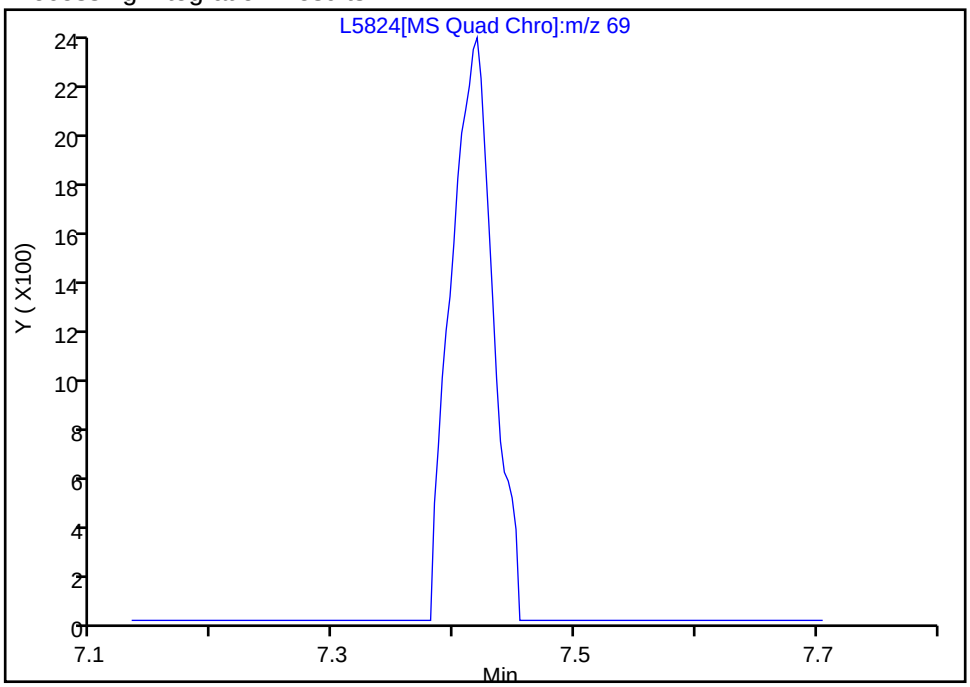
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

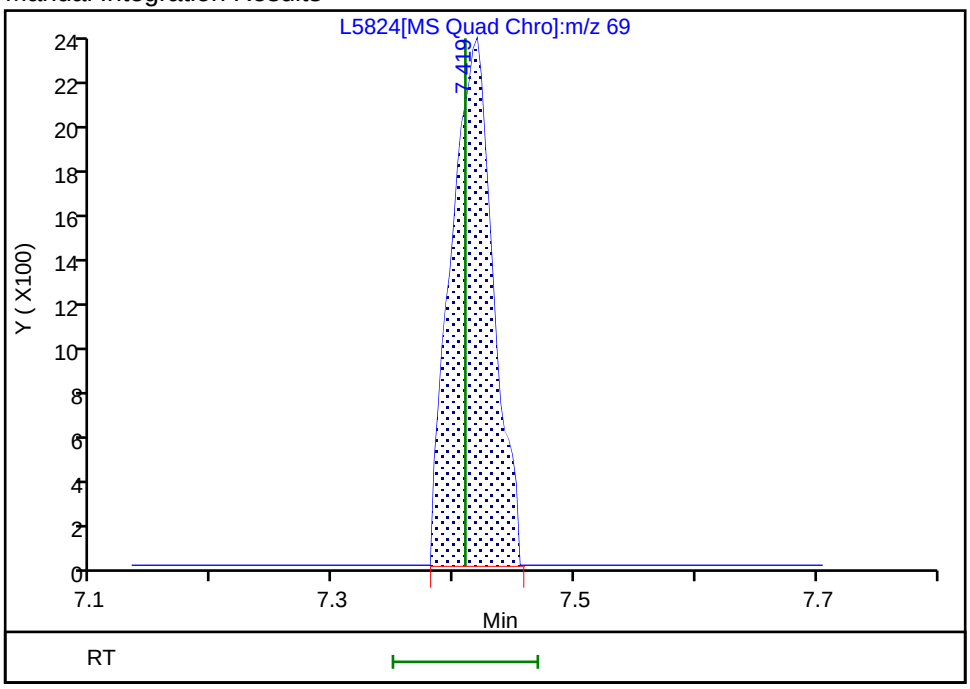
Not Detected
Expected RT: 7.41

Processing Integration Results



Manual Integration Results

RT: 7.42
Area: 5774
Amount: 0.389703
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

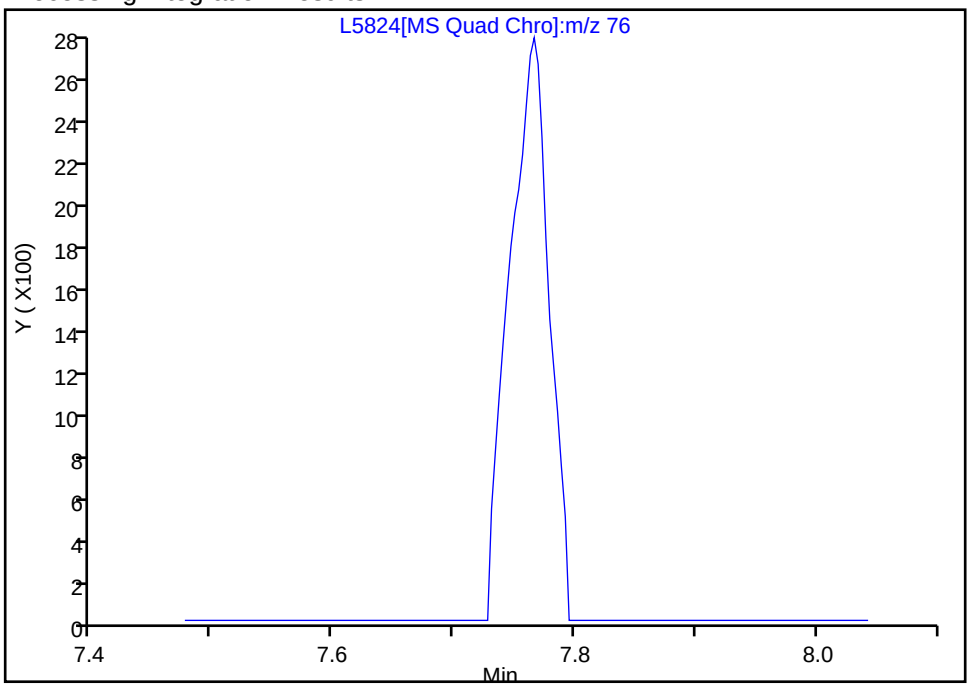
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

95 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

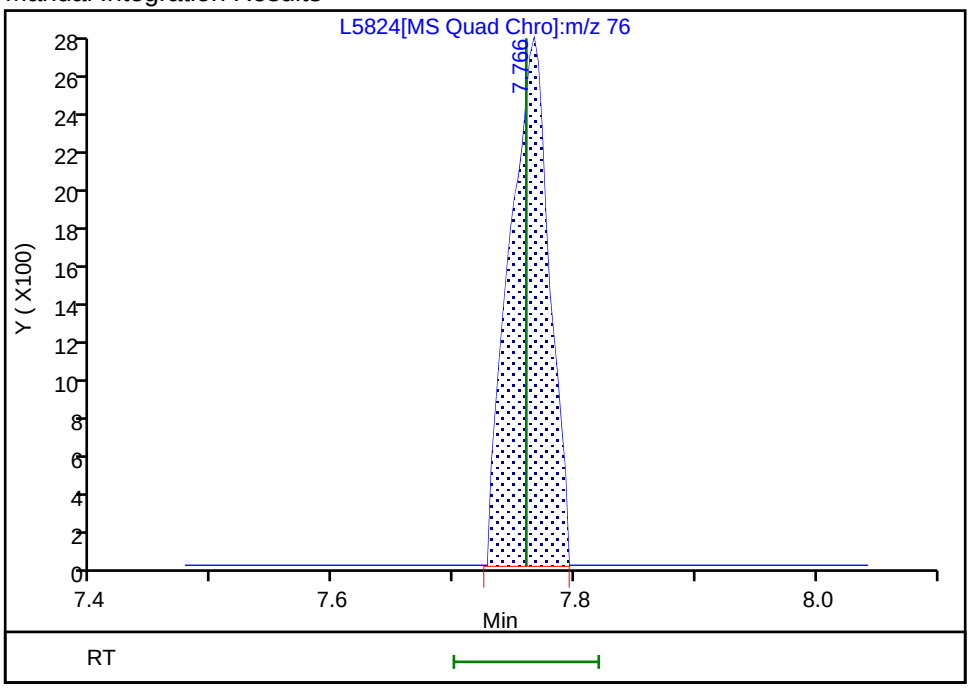
Not Detected
Expected RT: 7.76

Processing Integration Results



Manual Integration Results

RT: 7.77
Area: 6359
Amount: 0.399208
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

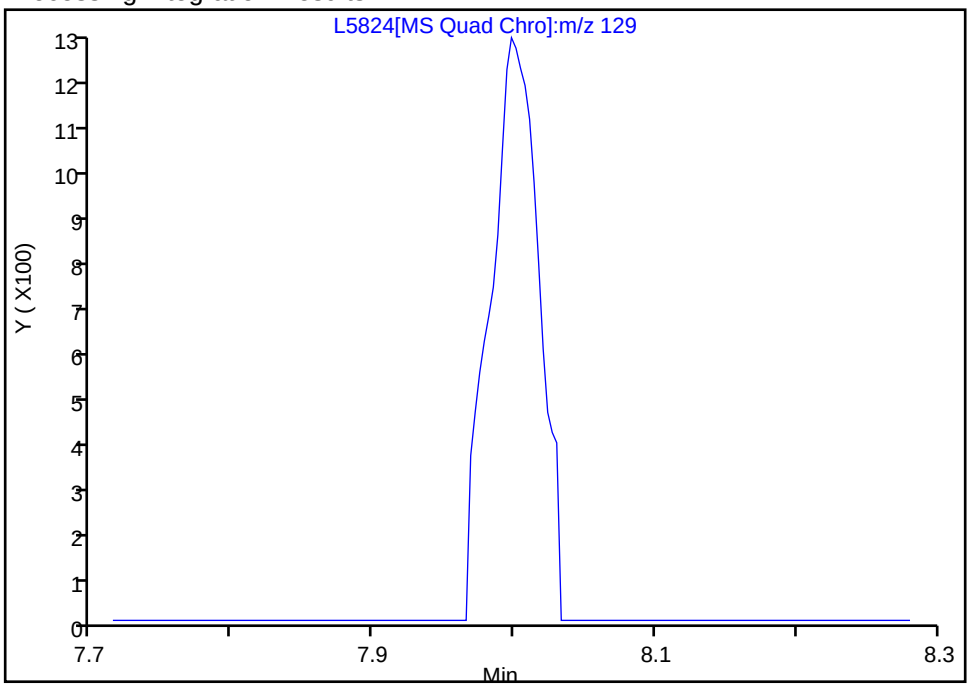
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

98 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

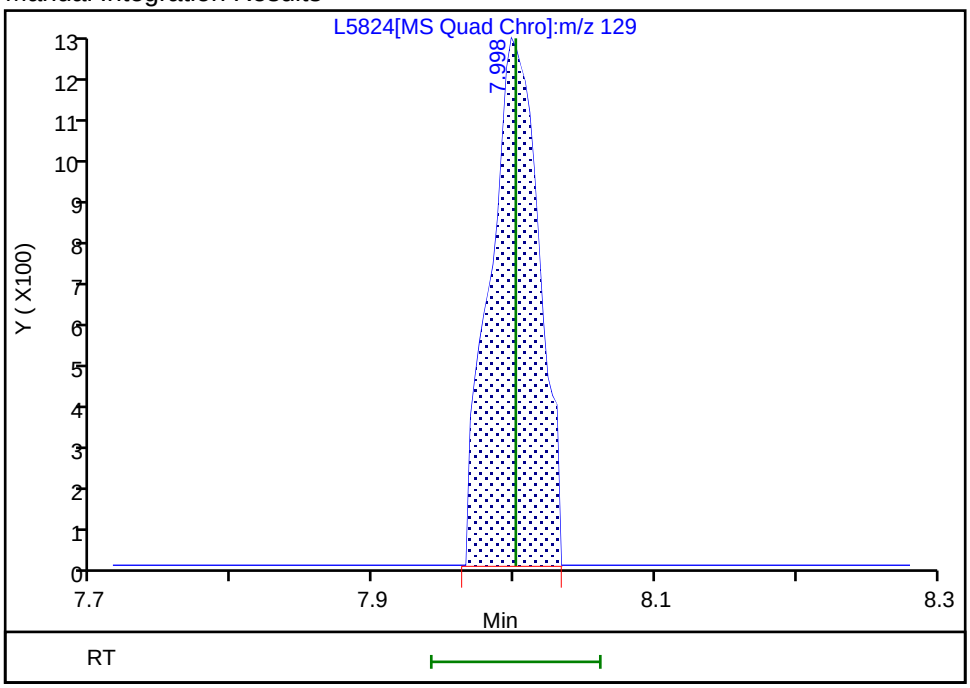
Processing Integration Results

Not Detected
Expected RT: 8.00



Manual Integration Results

RT: 8.00
Area: 3105
Amount: 0.355359
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

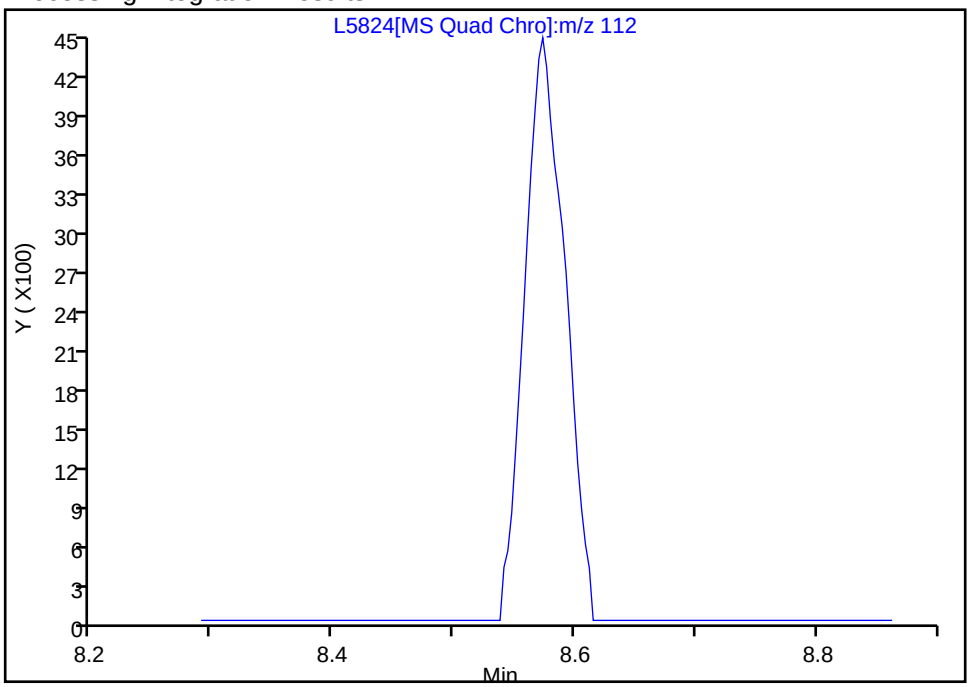
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

103 Chlorobenzene, CAS: 108-90-7

Signal: 1

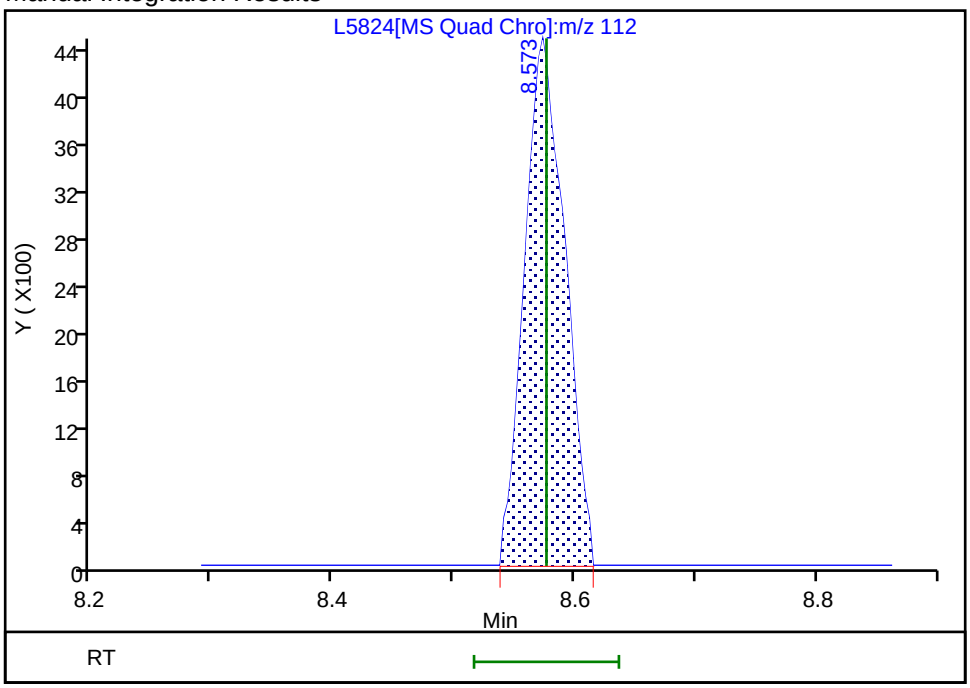
Not Detected
Expected RT: 8.58

Processing Integration Results



RT: 8.57
Area: 10244
Amount: 0.384199
Amount Units: ug/L

Manual Integration Results



Reviewer: QR3Z, 23-May-2024 08:17:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

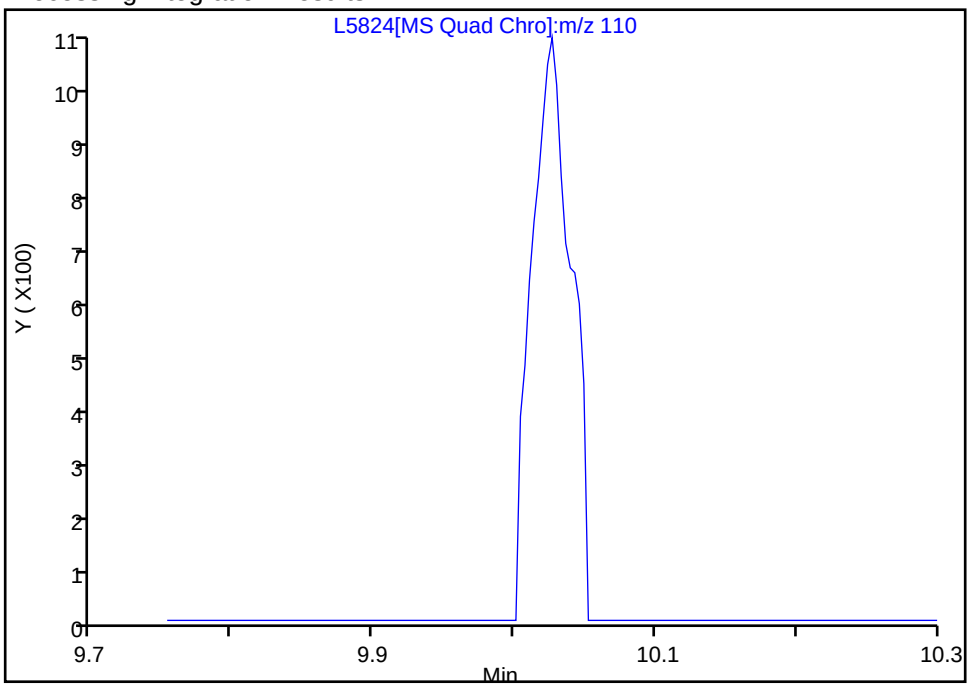
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

116 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

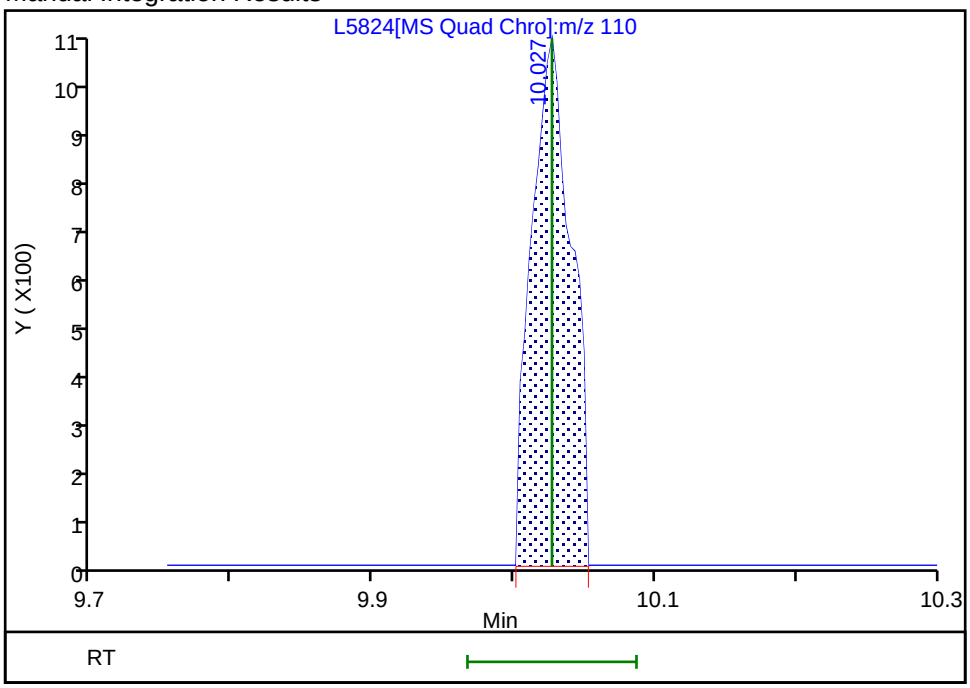
Not Detected
Expected RT: 10.03

Processing Integration Results



Manual Integration Results

RT: 10.03
Area: 2089
Amount: 0.410617
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

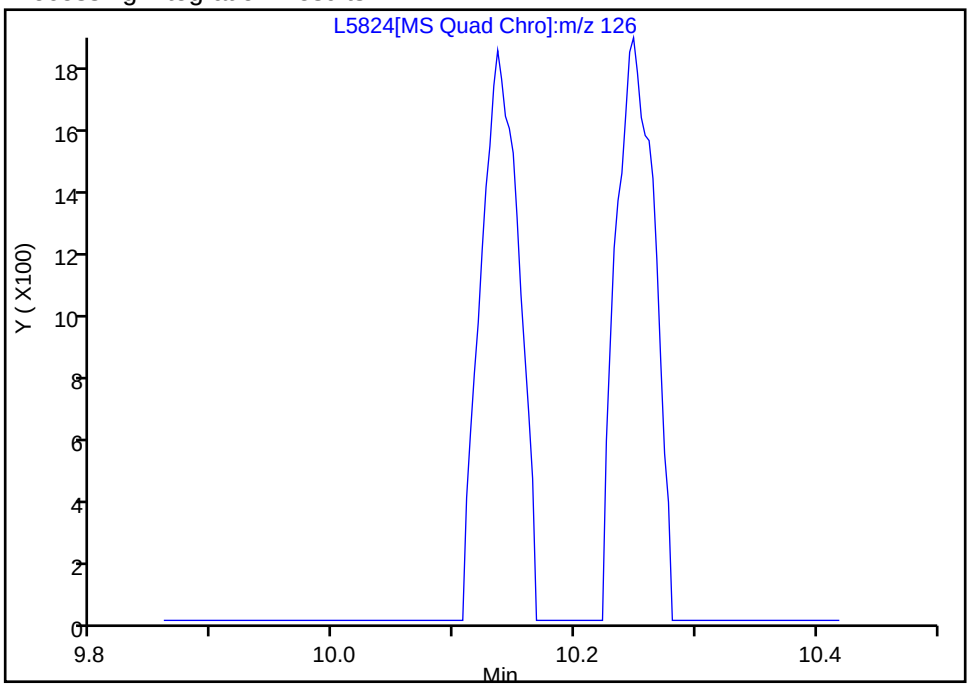
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

117 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

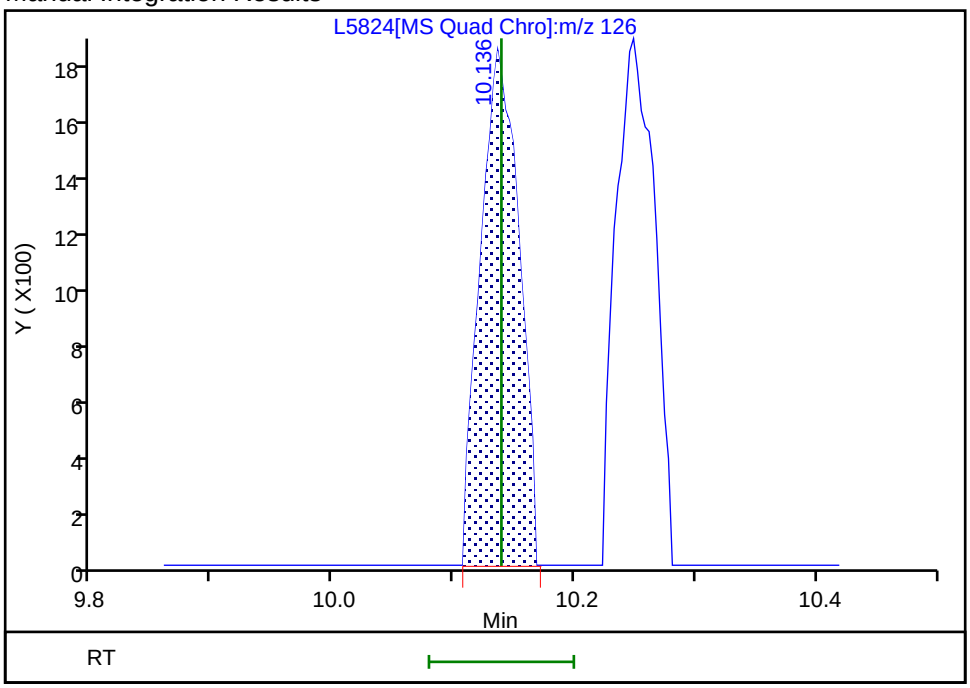
Not Detected
Expected RT: 10.14

Processing Integration Results



Manual Integration Results

RT: 10.14
Area: 3977
Amount: 0.369513
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:17:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo

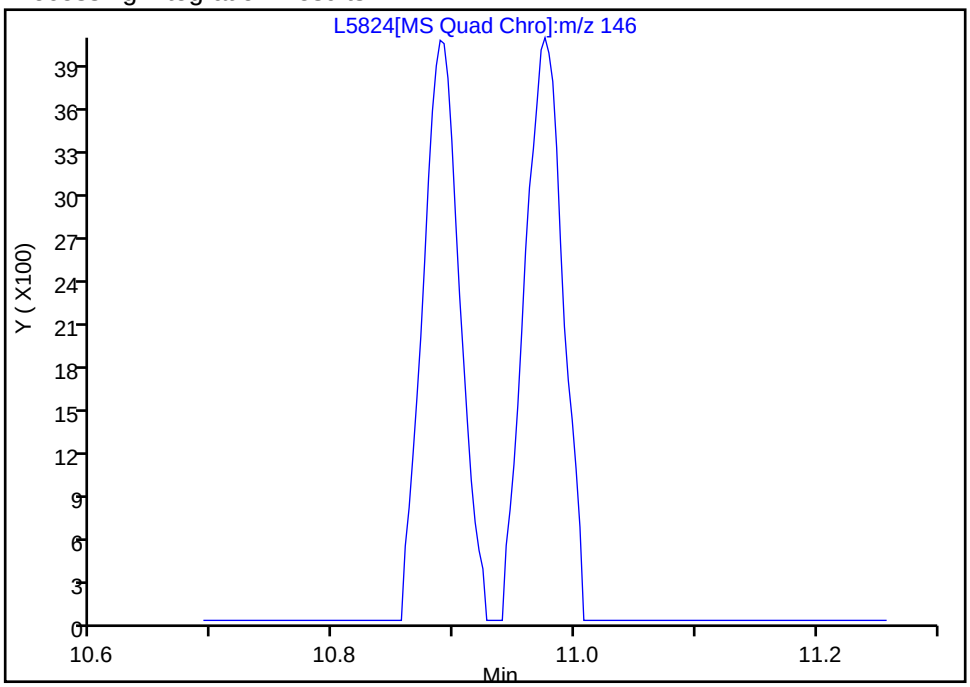
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

126 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

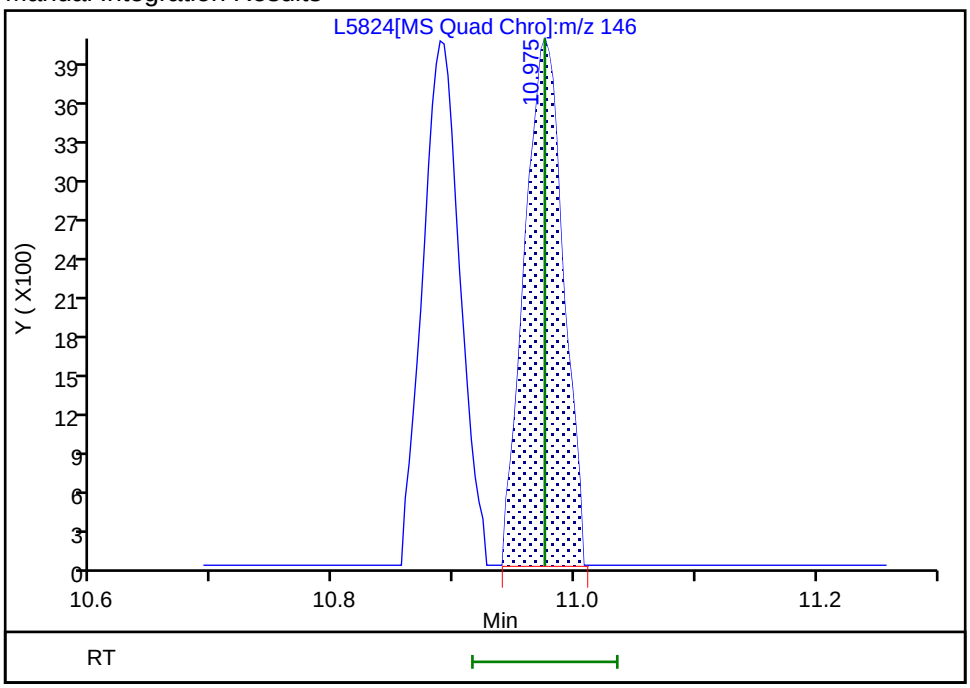
Processing Integration Results

Not Detected
Expected RT: 10.98



Manual Integration Results

RT: 10.98
Area: 9002
Amount: 0.397672
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:18:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

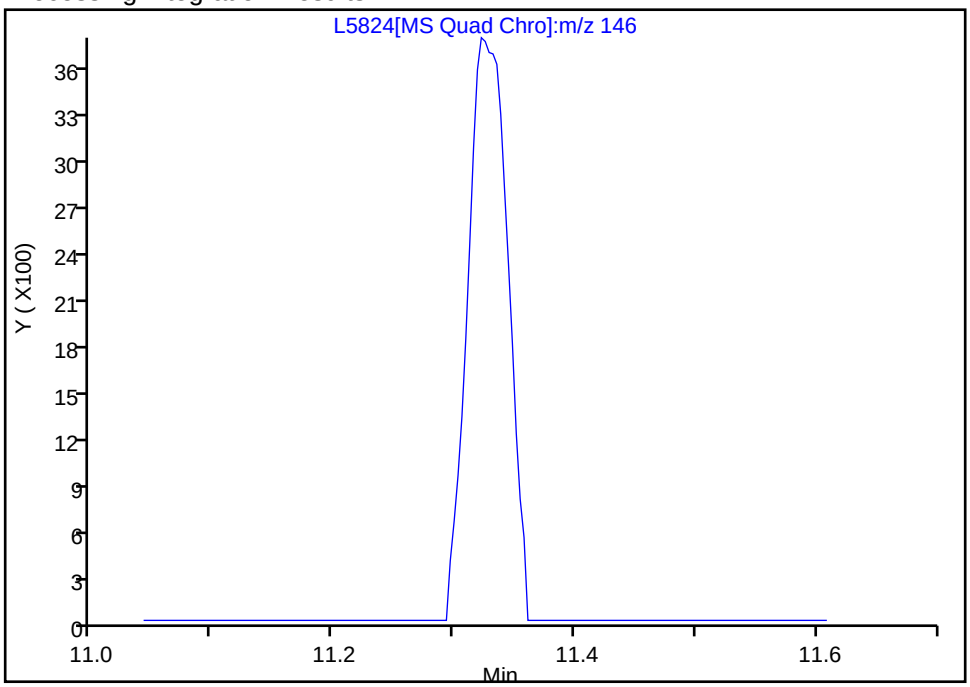
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

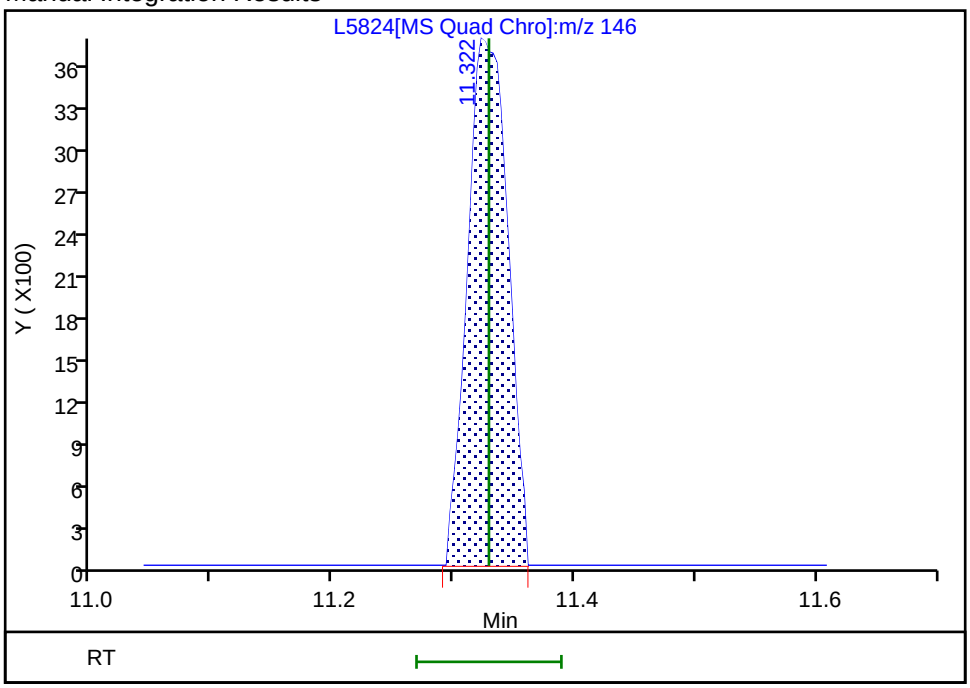
Processing Integration Results

Not Detected
Expected RT: 11.33



Manual Integration Results

RT: 11.32
Area: 8578
Amount: 0.388609
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:18:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

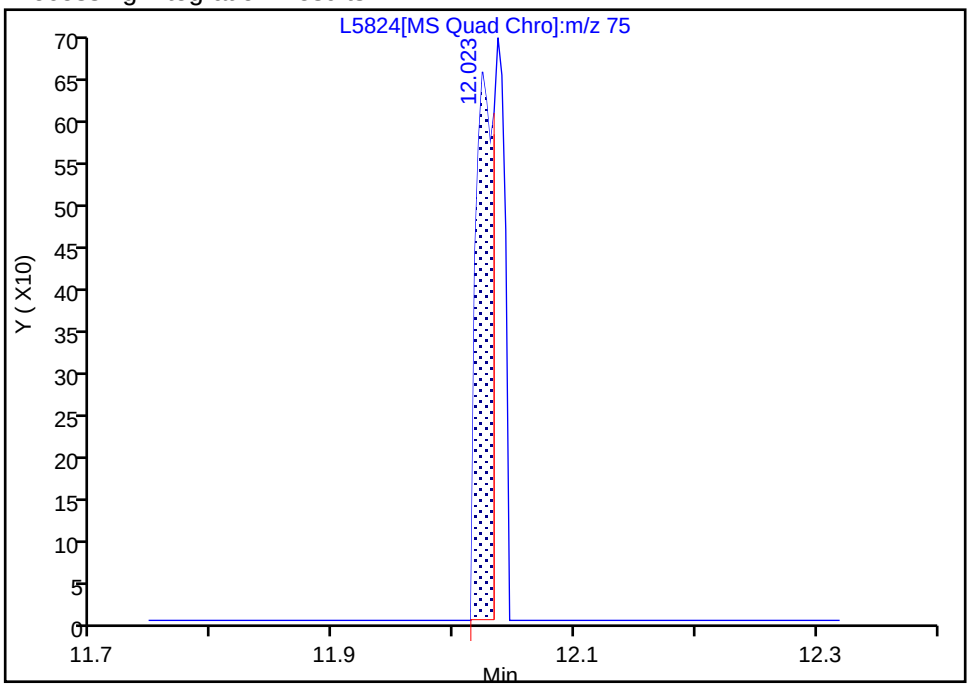
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5824.D				
Injection Date:	22-May-2024 16:17:41	Instrument ID:	HP5977L		
Lims ID:	IC 0.4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

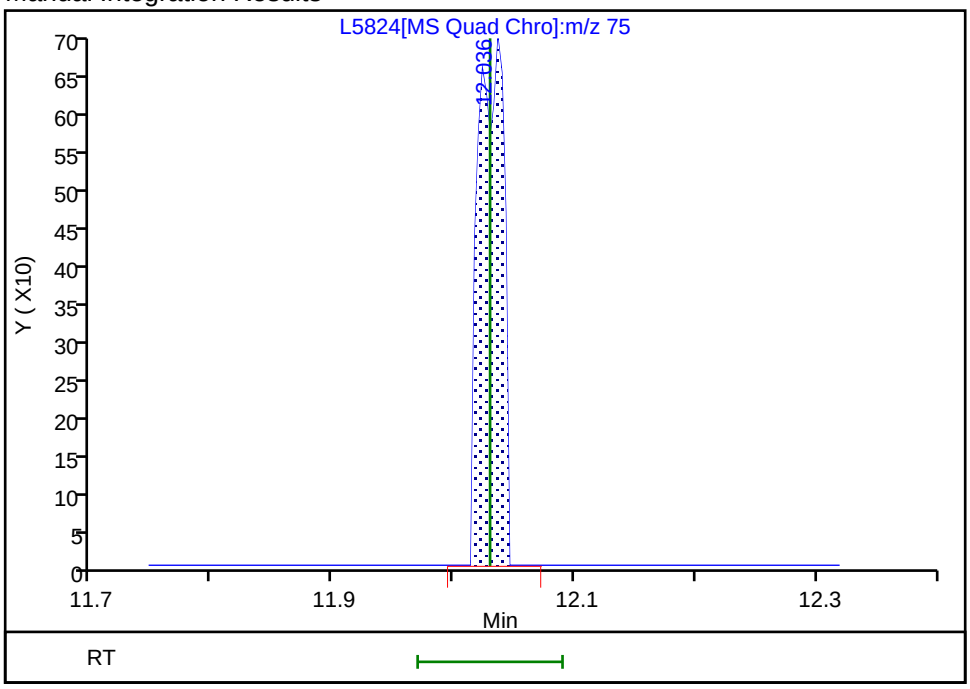
Processing Integration Results

RT: 12.02
Area: 670
Amount: 0.224878
Amount Units: ug/L



Manual Integration Results

RT: 12.04
Area: 1022
Amount: 0.330810
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:19:36 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2024 16:42:47 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0118173-014
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:42:32 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:15:07

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	5.667	5.670	-0.003	100	154396	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	635500	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.950	10.953	-0.003	94	343191	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	94	200620	25.0	24.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	215075	25.0	25.1	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	824650	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.782	9.785	-0.003	99	252463	25.0	25.4	
10 Dichlorodifluoromethane	85	1.744	1.747	-0.003	85	4599	1.00	0.8068	
13 Chloromethane	50	1.972	1.982	-0.010	95	7480	1.00	0.8851	
14 Vinyl chloride	62	2.091	2.081	0.010	76	5377	1.00	0.8616	
15 Butadiene	54	2.088	2.094	-0.006	85	6602	1.00	0.8905	
18 Bromomethane	94	2.435	2.438	-0.003	55	5660	1.00	1.03	
19 Chloroethane	64	2.493	2.496	-0.003	86	3899	1.00	0.8931	
20 Dichlorofluoromethane	67	2.715	2.718	-0.003	90	13378	1.00	1.03	
21 Trichlorofluoromethane	101	2.702	2.724	-0.022	52	6954	1.00	0.7087	
26 Ethyl ether	59	2.953	2.953	0.000	91	8890	1.00	1.09	
28 Acrolein	56	3.143	3.139	0.004	91	6823	5.00	5.43	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.162	3.171	-0.009	76	4353	1.00	0.8602	a
30 1,1-Dichloroethene	96	3.165	3.187	-0.022	95	5811	1.00	0.7619	
31 Acetone	43	3.284	3.277	0.007	99	29128	5.00	5.59	
33 Iodomethane	142	3.365	3.371	-0.006	95	12488	1.00	0.8916	
35 Carbon disulfide	76	3.403	3.409	-0.006	99	18796	1.00	0.7897	
37 3-Chloro-1-propene	41	3.503	3.506	-0.003	88	11455	1.00	0.9661	
38 Methyl acetate	43	3.529	3.532	-0.004	97	25687	2.00	2.26	
39 Methylene Chloride	84	3.638	3.638	0.000	91	13404	1.00	0.9710	
40 2-Methyl-2-propanol	59	3.760	3.753	0.007	96	18329	10.0	9.03	
41 Methyl tert-butyl ether	73	3.811	3.814	-0.003	97	27137	1.00	0.9814	M
42 trans-1,2-Dichloroethene	96	3.844	3.840	0.004	93	7309	1.00	0.7912	
44 Acrylonitrile	53	3.892	3.885	0.007	100	61585	10.0	10.2	M
47 Hexane	57	3.998	3.998	0.000	93	9204	1.00	0.8215	

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	4.213	4.213	0.000	93	13142	1.00	0.9172	
49 Vinyl acetate	43	4.236	4.232	0.004	97	39985	2.00	1.91	M
56 2,2-Dichloropropane	77	4.692	4.686	0.006	86	6230	1.00	0.7949	a
58 cis-1,2-Dichloroethene	96	4.709	4.712	-0.003	74	9380	1.00	0.9129	
57 2-Butanone (MEK)	43	4.728	4.724	0.004	99	45050	5.00	5.18	
60 Chlorobromomethane	128	4.927	4.930	-0.003	87	5177	1.00	1.00	
61 Tetrahydrofuran	42	4.953	4.949	0.004	92	13556	2.00	2.37	
62 Chloroform	83	4.975	4.978	-0.003	91	15416	1.00	0.9769	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	97	8501	1.00	0.7564	
65 Cyclohexane	56	5.120	5.123	-0.003	40	9890	1.00	0.7589	
67 1,1-Dichloropropene	75	5.242	5.239	0.003	91	8520	1.00	0.7526	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	80	7078	1.00	0.7428	
69 Isobutyl alcohol	43	5.374	5.367	0.007	90	22443	25.0	23.6	
70 Benzene	78	5.435	5.435	0.000	96	32664	1.00	0.9075	
72 1,2-Dichloroethane	62	5.493	5.490	0.003	92	11408	1.00	1.00	
73 n-Heptane	43	5.551	5.548	0.003	87	11729	1.00	1.01	
75 Trichloroethene	95	5.988	5.988	0.000	95	7696	1.00	0.8649	
76 Methylcyclohexane	83	6.110	6.110	0.000	85	10747	1.00	0.7505	
77 1,2-Dichloropropane	63	6.213	6.220	-0.007	94	8158	1.00	0.9365	
81 1,4-Dioxane	88	6.342	6.335	0.007	62	3158	20.0	17.2	
82 Dibromomethane	93	6.352	6.355	-0.003	91	6006	1.00	0.9592	
83 Dichlorobromomethane	83	6.480	6.477	0.003	97	9429	1.00	0.8857	
84 2-Chloroethyl vinyl ether	63	6.708	6.708	0.000	87	7711	1.00	1.07	
85 cis-1,3-Dichloropropene	75	6.872	6.866	0.006	96	11566	1.00	0.8495	
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	95	80828	5.00	5.21	
88 Toluene	92	7.152	7.155	-0.003	98	21969	1.00	0.9286	
91 trans-1,3-Dichloropropene	75	7.406	7.403	0.003	94	10644	1.00	0.8636	
90 Ethyl methacrylate	69	7.409	7.409	0.000	81	14605	1.00	1.00	a
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	89	7740	1.00	1.00	
94 Tetrachloroethene	166	7.680	7.676	0.004	95	7401	1.00	0.8167	
95 1,3-Dichloropropane	76	7.763	7.760	0.003	82	15673	1.00	1.00	
96 2-Hexanone	43	7.789	7.789	0.000	95	60308	5.00	5.07	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	85	7617	1.00	0.8850	
101 Ethylene Dibromide	107	8.120	8.123	-0.003	96	9108	1.00	0.9104	
103 Chlorobenzene	112	8.577	8.576	0.001	96	23715	1.00	0.9029	
104 Ethylbenzene	91	8.647	8.644	0.003	98	37057	1.00	0.8873	
105 1,1,1,2-Tetrachloroethane	131	8.654	8.660	-0.006	92	7343	1.00	0.8849	
106 m-Xylene & p-Xylene	106	8.760	8.763	-0.003	98	14481	1.00	0.8601	
107 o-Xylene	106	9.191	9.194	-0.003	95	14997	1.00	0.8753	
109 Styrene	104	9.226	9.219	0.007	94	24663	1.00	0.8978	
110 Bromoform	173	9.487	9.490	-0.003	92	5352	1.00	0.8384	a
111 Isopropylbenzene	105	9.567	9.564	0.003	95	34862	1.00	0.8263	
113 Bromobenzene	156	9.956	9.959	-0.003	90	10673	1.00	0.9334	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.975	-0.003	94	15186	1.00	0.9713	
114 N-Propylbenzene	91	10.007	10.010	-0.003	99	43614	1.00	0.8586	
115 trans-1,4-Dichloro-2-butene	53	10.024	10.023	0.001	69	2965	1.00	0.8188	
116 1,2,3-Trichloropropane	110	10.024	10.027	-0.003	87	4847	1.00	0.9640	
117 2-Chlorotoluene	126	10.139	10.139	0.000	97	9355	1.00	0.8795	a
118 1,3,5-Trimethylbenzene	105	10.184	10.187	-0.003	94	30545	1.00	0.8509	
119 4-Chlorotoluene	91	10.252	10.248	0.004	96	29477	1.00	0.9313	
120 tert-Butylbenzene	134	10.519	10.518	0.001	91	6729	1.00	0.7895	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	32962	1.00	0.8777	

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	10.731	10.731	0.000	93	39118	1.00	0.8412	
123 4-Isopropyltoluene	119	10.863	10.863	0.001	96	31876	1.00	0.8124	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	96	20743	1.00	0.9528	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	93	21849	1.00	0.9766	
127 n-Butylbenzene	91	11.249	11.248	0.001	97	31247	1.00	0.8597	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	21877	1.00	1.00	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	85	2623	1.00	0.8591	
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	94	16322	1.00	1.00	
131 Hexachlorobutadiene	225	12.744	12.747	-0.003	89	5519	1.00	0.8673	
132 Naphthalene	128	12.869	12.869	0.000	96	55874	1.00	0.9888	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	96	16079	1.00	1.00	
S 144 1,3-Dichloropropene, Total	1				0			1.71	
S 143 Xylenes, Total	1				0			1.74	
S 142 Total BTEX	1				0			4.46	
S 141 1,2-Dichloroethene, Total	1				0			1.70	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00255	Amount Added:	1.00	Units: uL	
GAS CORP mix_00619	Amount Added:	1.00	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:42:32 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D

Injection Date: 22-May-2024 16:42:47 Instrument ID: HP5977L

Lims ID: IC

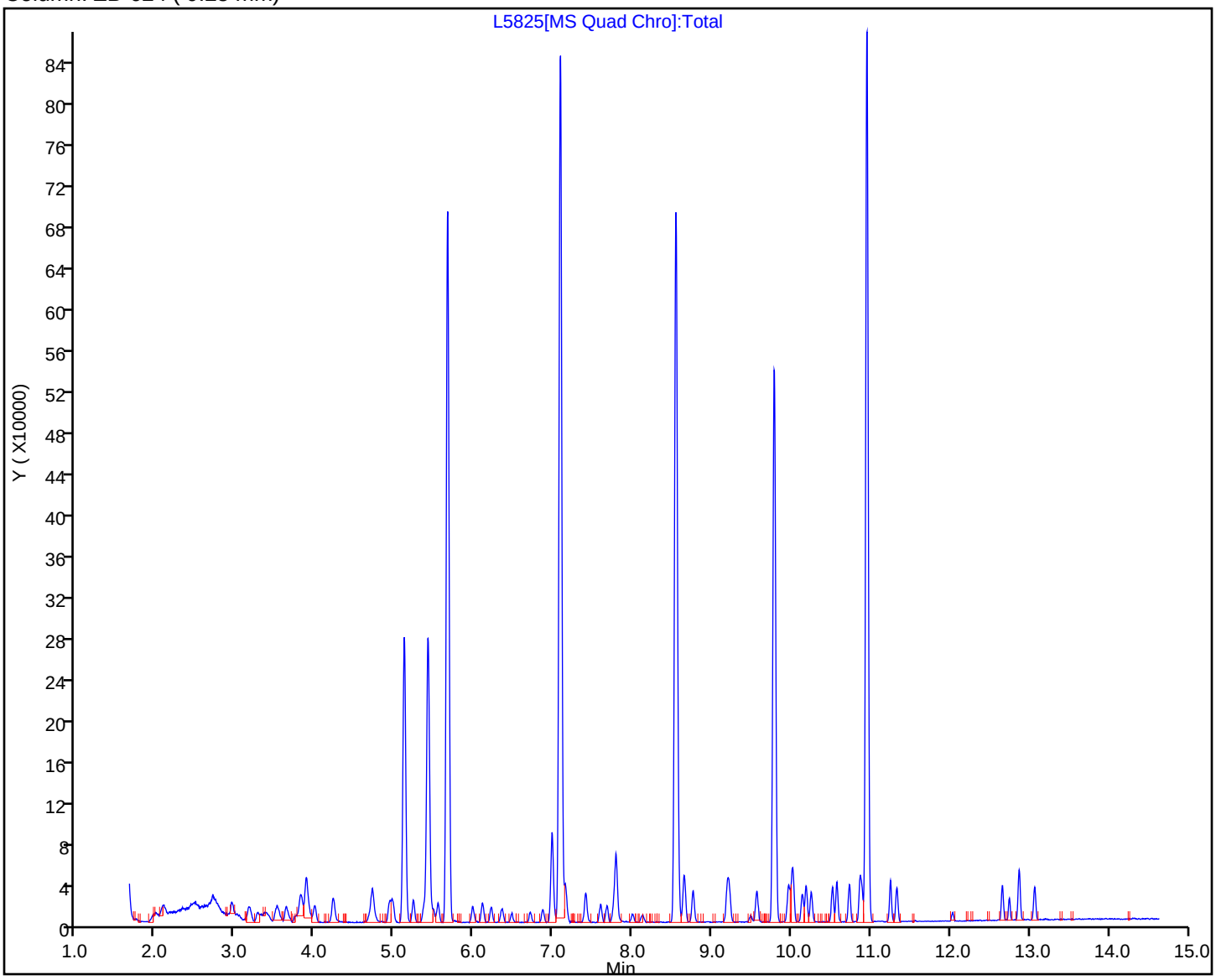
Client ID:

Operator ID: ZN 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

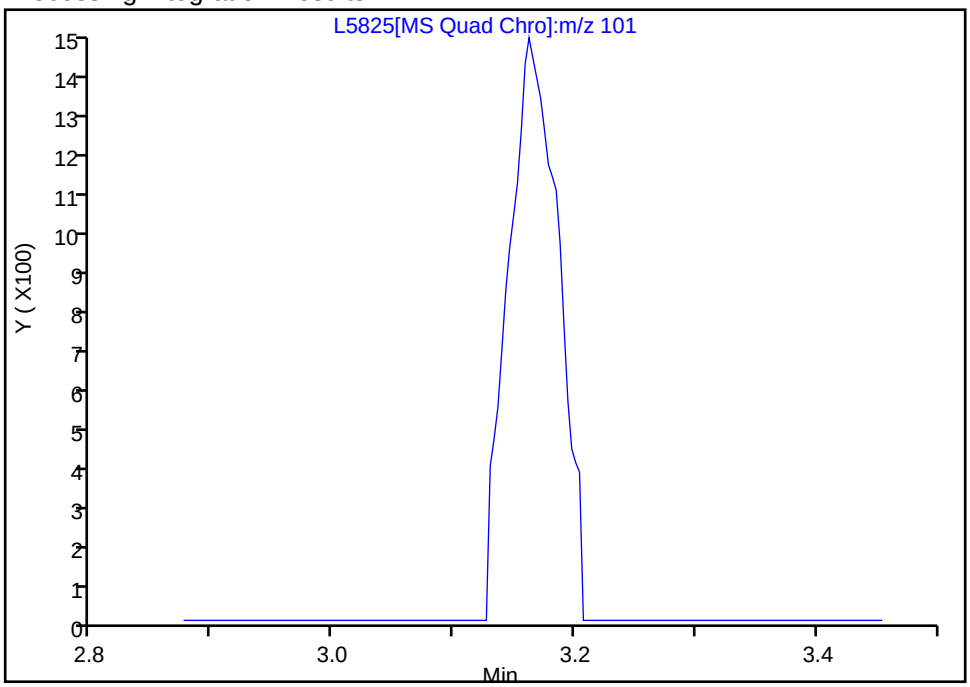
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

29 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

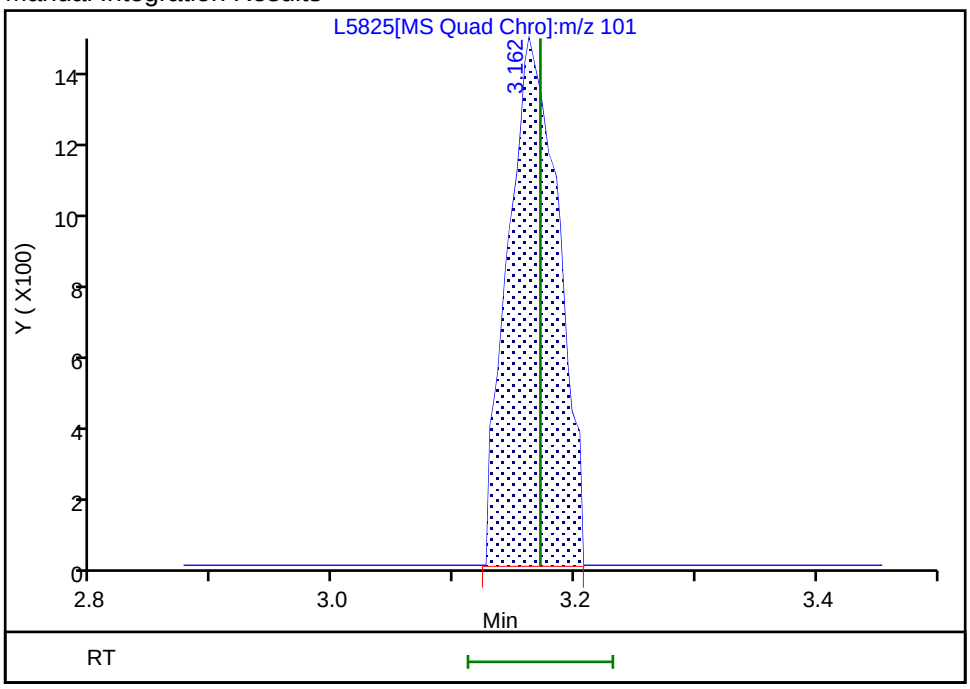
Not Detected
Expected RT: 3.17

Processing Integration Results



Manual Integration Results

RT: 3.16
Area: 4353
Amount: 0.860161
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:13:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

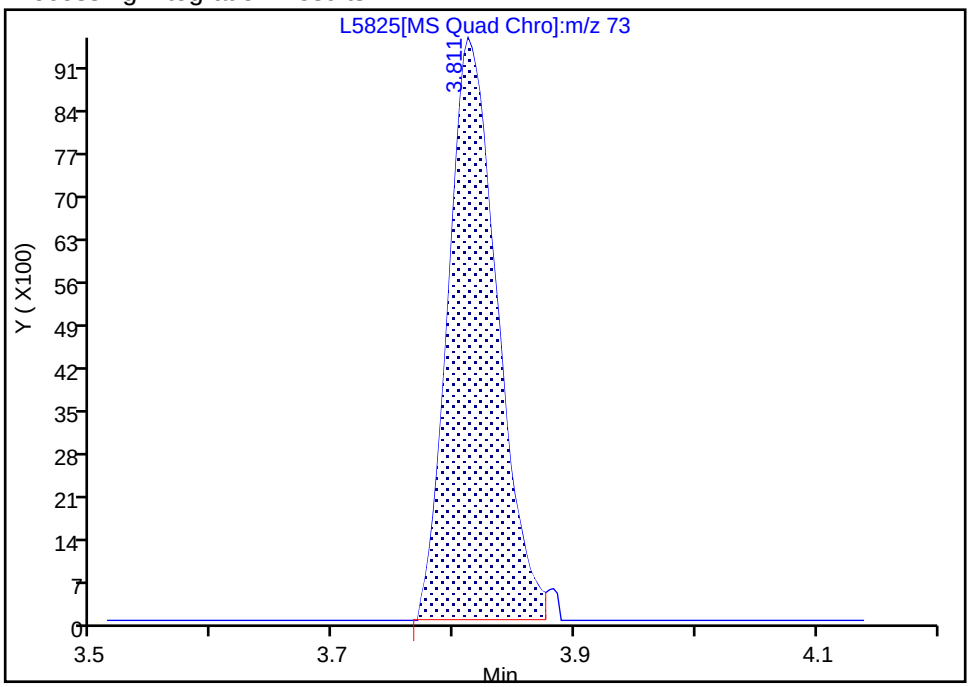
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

41 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

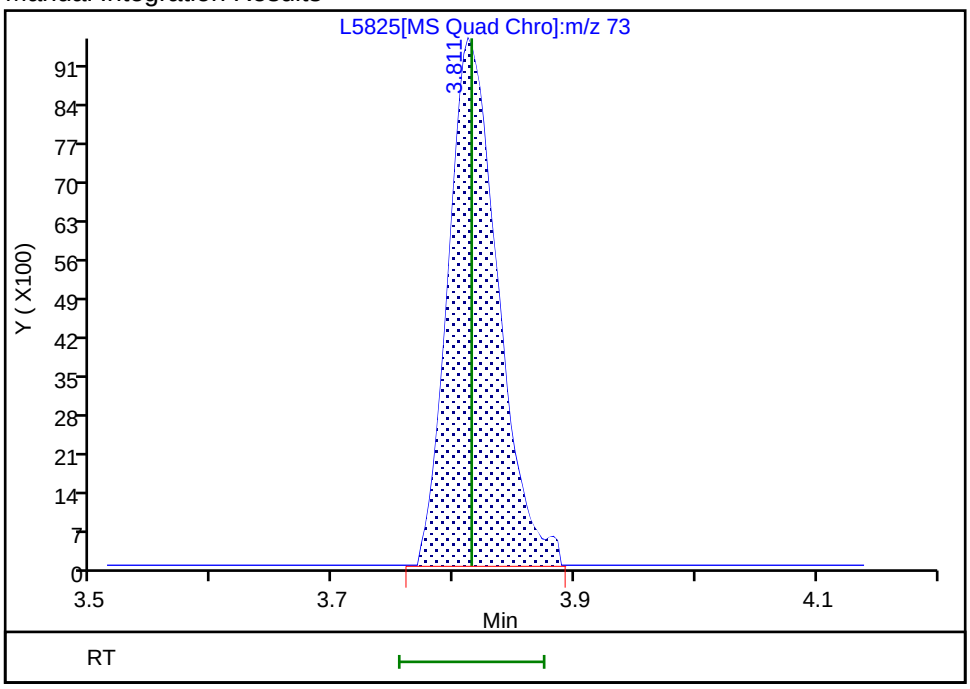
Processing Integration Results

RT: 3.81
Area: 26852
Amount: 0.972342
Amount Units: ug/L



Manual Integration Results

RT: 3.81
Area: 27137
Amount: 0.981397
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:24:34 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

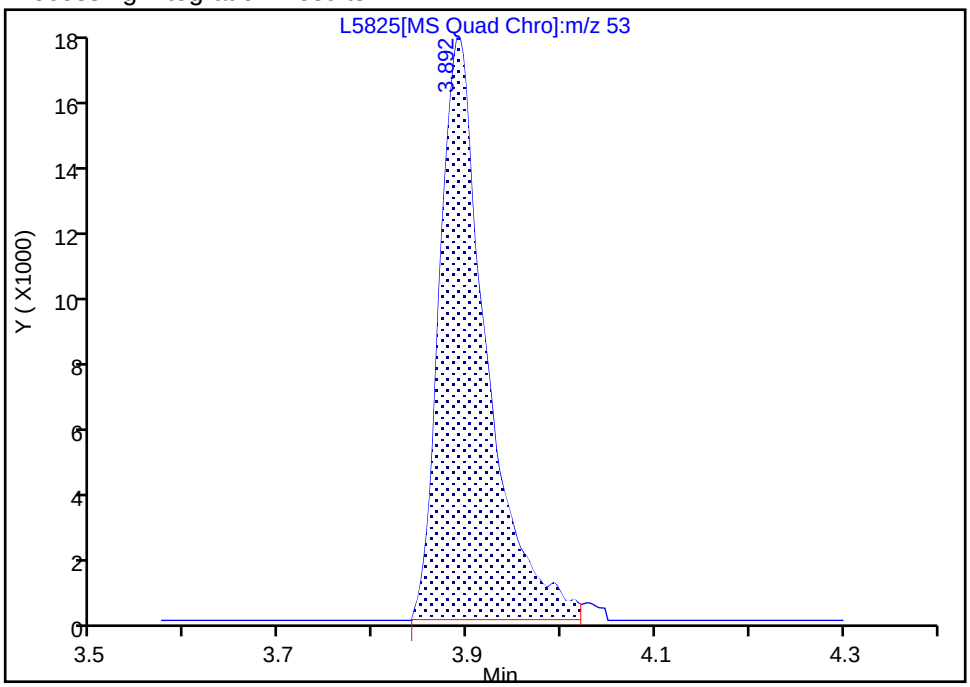
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

44 Acrylonitrile, CAS: 107-13-1

Signal: 1

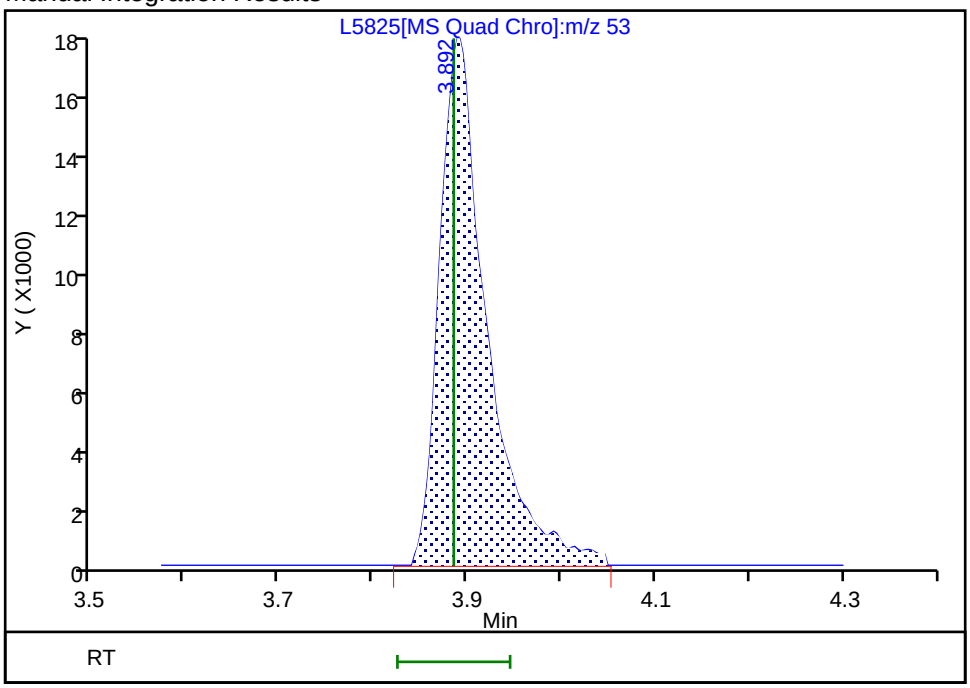
Processing Integration Results

RT: 3.89
Area: 60895
Amount: 10.152783
Amount Units: ug/L



Manual Integration Results

RT: 3.89
Area: 61585
Amount: 10.238042
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:24:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

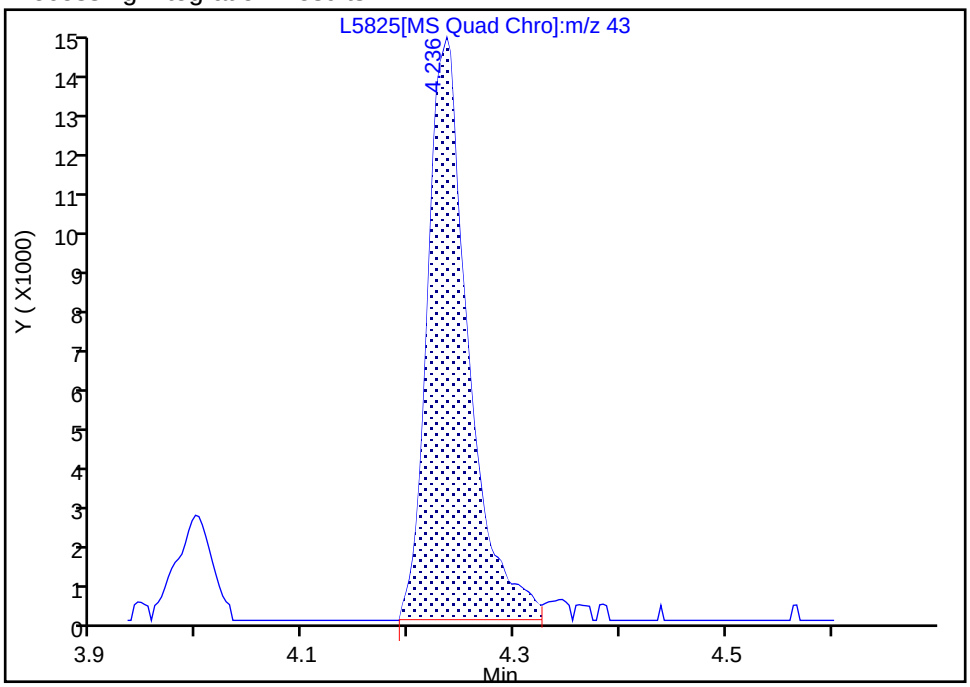
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

49 Vinyl acetate, CAS: 108-05-4

Signal: 1

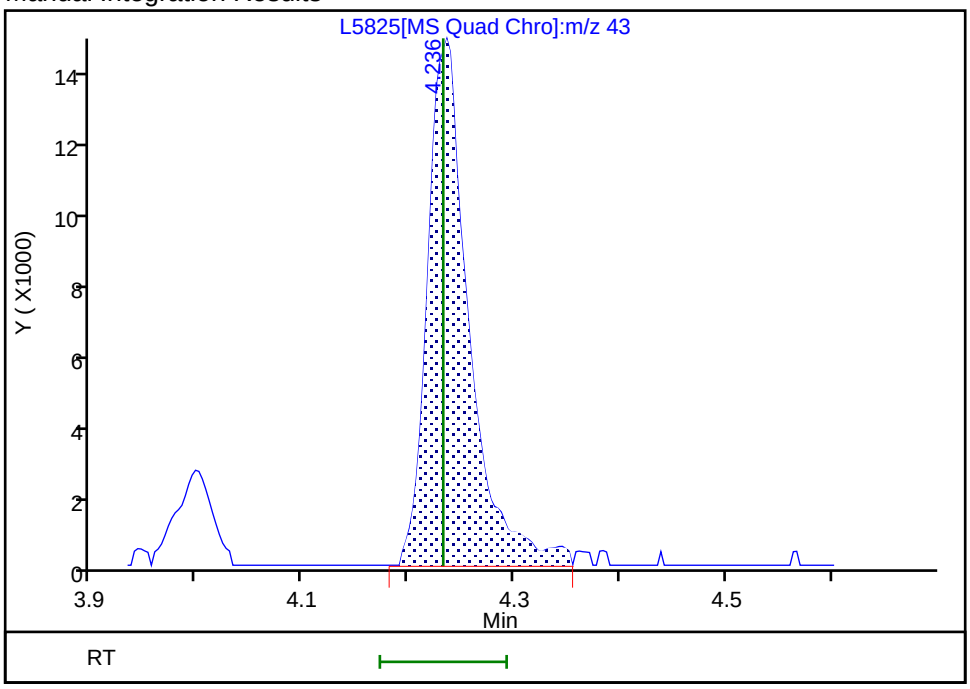
Processing Integration Results

RT: 4.24
Area: 39253
Amount: 1.884069
Amount Units: ug/L



Manual Integration Results

RT: 4.24
Area: 39985
Amount: 1.914998
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:24:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

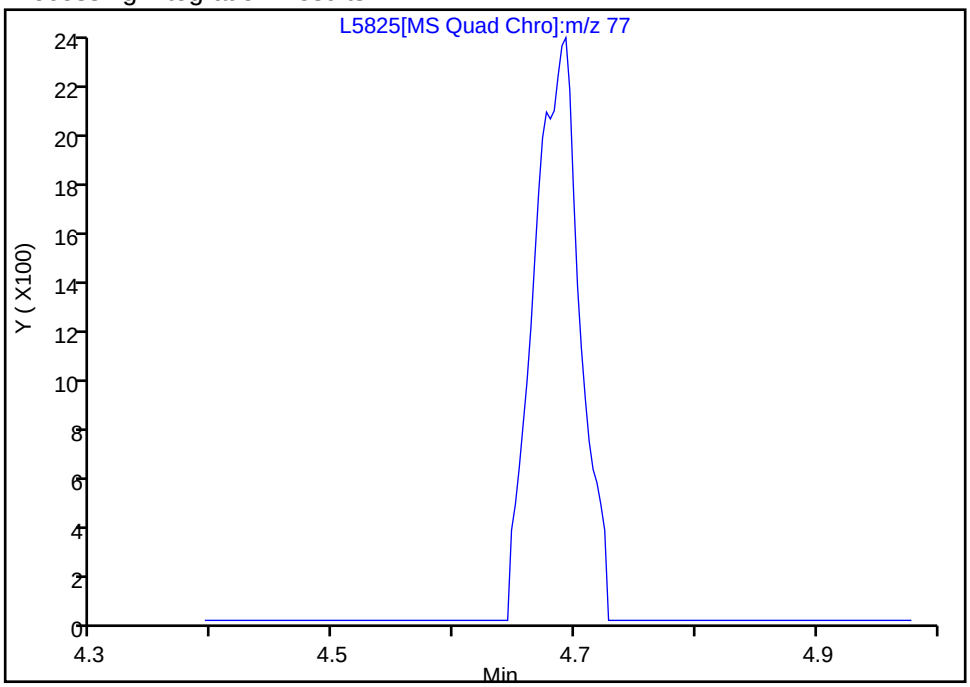
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

56 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

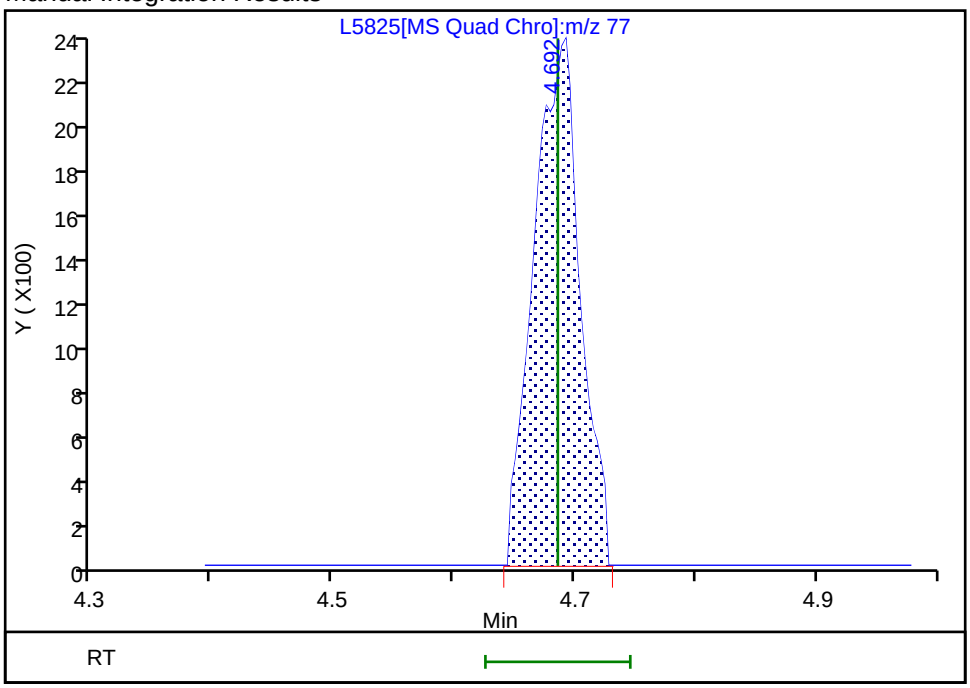
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 6230
Amount: 0.794931
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:13:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

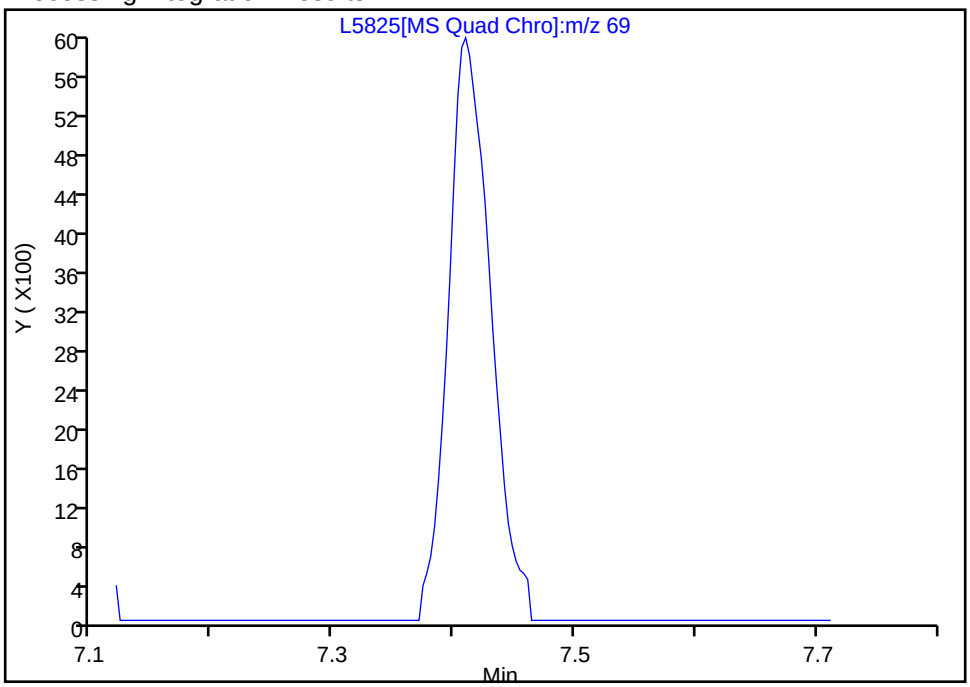
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

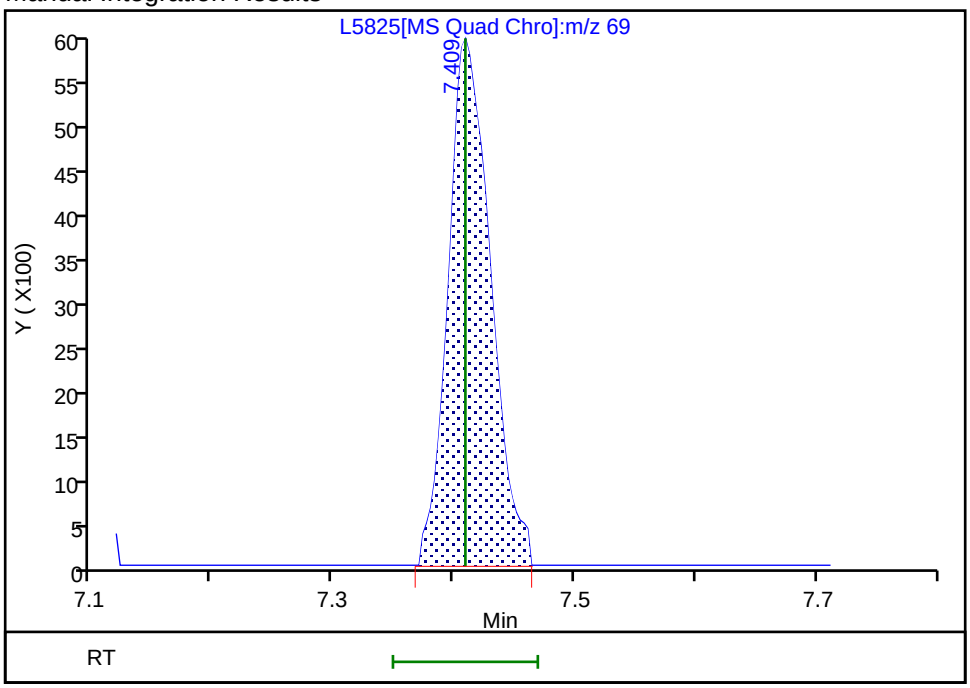
Processing Integration Results

Not Detected
Expected RT: 7.41



Manual Integration Results

RT: 7.41
Area: 14605
Amount: 1.000707
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:13:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

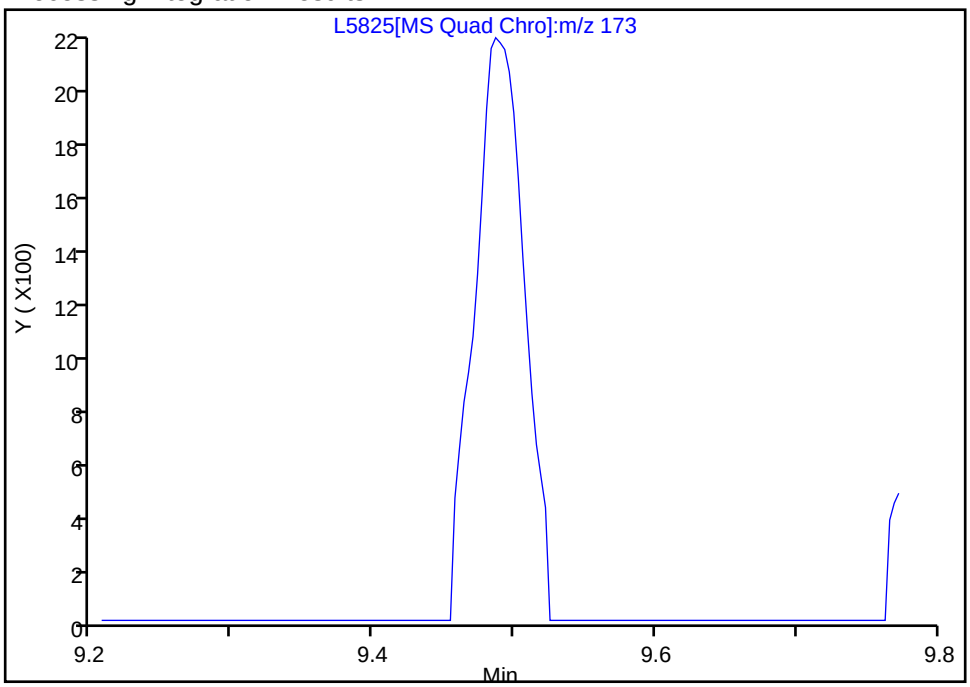
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

110 Bromoform, CAS: 75-25-2

Signal: 1

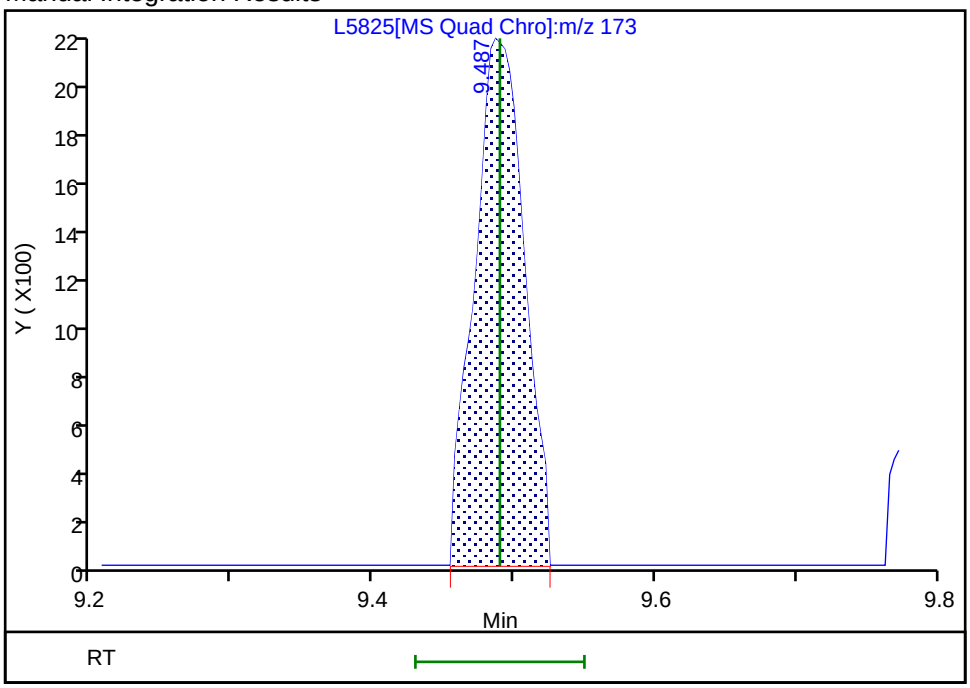
Not Detected
Expected RT: 9.49

Processing Integration Results



Manual Integration Results

RT: 9.49
Area: 5352
Amount: 0.838440
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:14:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

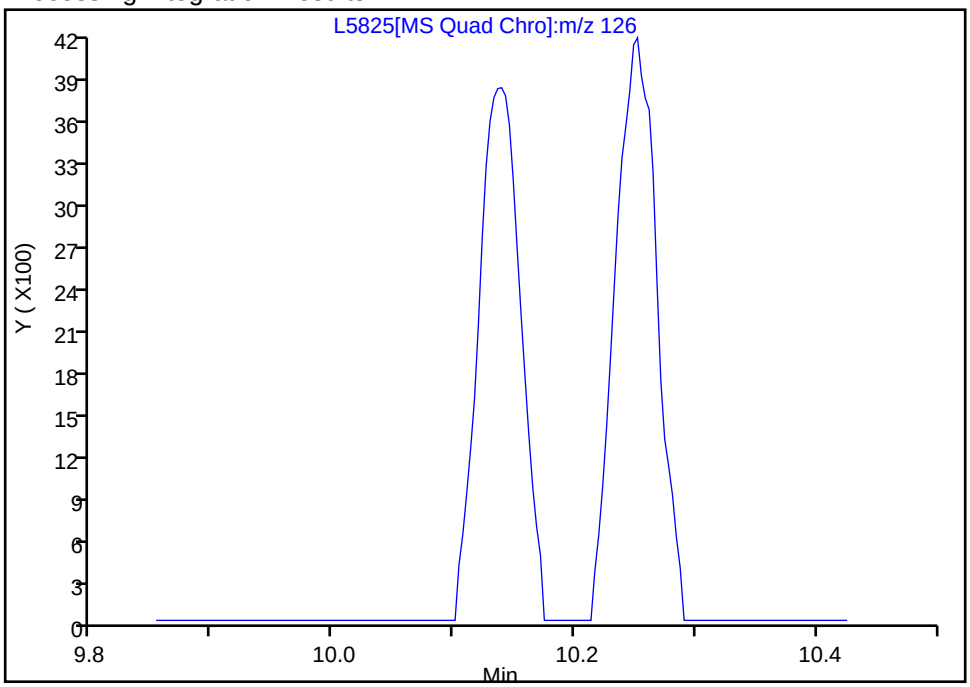
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5825.D				
Injection Date:	22-May-2024 16:42:47	Instrument ID:	HP5977L		
Lims ID:	IC				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

117 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

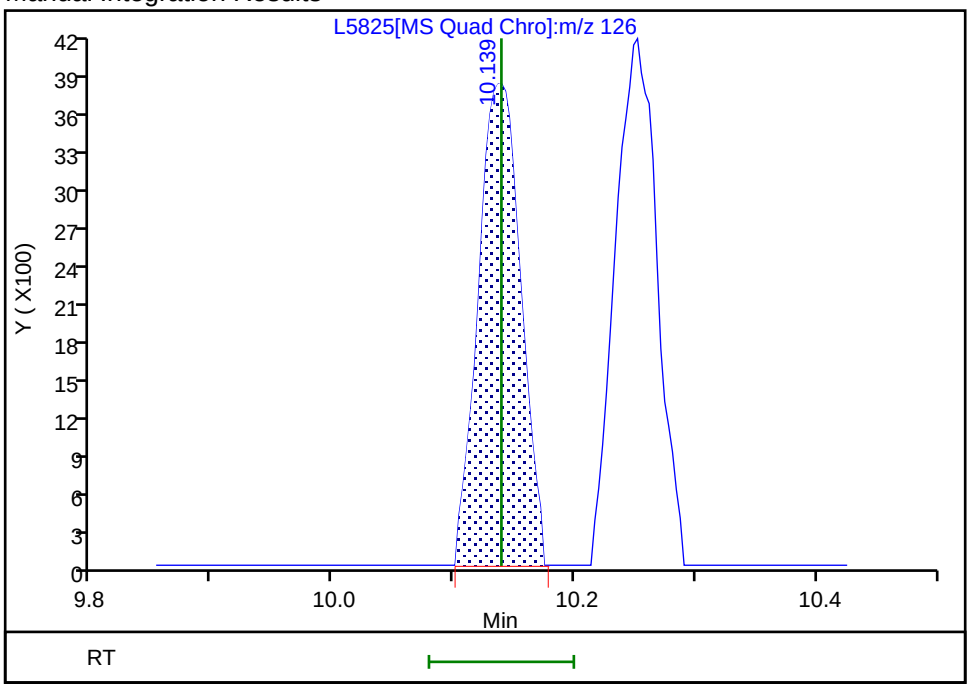
Not Detected
Expected RT: 10.14

Processing Integration Results



Manual Integration Results

RT: 10.14
Area: 9355
Amount: 0.879455
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:14:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-May-2024 17:07:47 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0118173-015
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:42:52 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:13:19

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	5.670	5.670	0.000	100	154733	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	629170	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	338998	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	95	200917	25.0	24.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	214559	25.0	24.9	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	812853	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	98	249009	25.0	25.3	
10 Dichlorodifluoromethane	85	1.747	1.747	0.000	96	16934	2.00	2.42	
13 Chloromethane	50	1.982	1.982	0.000	97	19301	2.00	2.28	
14 Vinyl chloride	62	2.088	2.081	0.007	94	16884	2.00	2.33	
15 Butadiene	54	2.091	2.094	-0.003	94	17359	2.00	2.34	
18 Bromomethane	94	2.451	2.438	0.013	81	12494	2.00	2.27	
19 Chloroethane	64	2.493	2.496	-0.003	96	10407	2.00	2.38	
20 Dichlorofluoromethane	67	2.715	2.718	-0.003	95	26746	2.00	2.05	Ma
21 Trichlorofluoromethane	101	2.731	2.724	0.007	71	23061	2.00	2.35	
26 Ethyl ether	59	2.956	2.953	0.003	88	16948	2.00	2.08	
28 Acrolein	56	3.142	3.139	0.003	96	12902	10.0	10.2	a
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.178	3.171	0.007	91	15047	2.00	2.28	Ma
30 1,1-Dichloroethene	96	3.181	3.187	-0.006	93	16143	2.00	2.11	
31 Acetone	43	3.281	3.277	0.004	99	55489	10.0	10.6	
33 Iodomethane	142	3.368	3.371	-0.003	97	30237	2.00	2.15	M
35 Carbon disulfide	76	3.400	3.409	-0.009	99	53026	2.00	2.22	
37 3-Chloro-1-propene	41	3.506	3.506	0.000	92	24192	2.00	2.04	
38 Methyl acetate	43	3.535	3.532	0.003	96	41995	4.00	3.69	M
39 Methylene Chloride	84	3.638	3.638	0.000	88	23947	2.00	2.07	
40 2-Methyl-2-propanol	59	3.763	3.753	0.010	96	40576	20.0	19.9	
41 Methyl tert-butyl ether	73	3.818	3.814	0.004	95	56069	2.00	2.02	
42 trans-1,2-Dichloroethene	96	3.843	3.840	0.003	96	19467	2.00	2.10	
44 Acrylonitrile	53	3.885	3.885	0.000	98	120300	20.0	20.0	
47 Hexane	57	3.998	3.998	0.000	89	24351	2.00	2.17	

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	4.210	4.213	-0.003	95	30172	2.00	2.10	
49 Vinyl acetate	43	4.232	4.232	0.000	96	78989	4.00	3.77	
56 2,2-Dichloropropane	77	4.689	4.686	0.003	86	16887	2.00	2.15	a
58 cis-1,2-Dichloroethene	96	4.708	4.712	-0.004	78	21743	2.00	2.11	
57 2-Butanone (MEK)	43	4.728	4.724	0.004	99	84626	10.0	9.70	
60 Chlorobromomethane	128	4.937	4.930	0.007	93	10183	2.00	1.96	
61 Tetrahydrofuran	42	4.949	4.949	0.000	90	23844	4.00	4.16	
62 Chloroform	83	4.978	4.978	0.000	92	33444	2.00	2.11	
64 1,1,1-Trichloroethane	97	5.110	5.107	0.003	97	22669	2.00	2.01	
65 Cyclohexane	56	5.123	5.123	0.000	69	28320	2.00	2.17	
67 1,1-Dichloropropene	75	5.242	5.239	0.003	93	24763	2.00	2.18	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	81	19495	2.00	2.04	
69 Isobutyl alcohol	43	5.371	5.367	0.004	95	44531	50.0	46.8	
70 Benzene	78	5.435	5.435	0.000	94	77527	2.00	2.15	
72 1,2-Dichloroethane	62	5.490	5.490	0.000	97	23456	2.00	2.05	
73 n-Heptane	43	5.551	5.548	0.003	90	23992	2.00	2.07	
75 Trichloroethene	95	5.985	5.988	-0.003	96	19376	2.00	2.17	
76 Methylcyclohexane	83	6.110	6.110	0.000	86	31099	2.00	2.17	
77 1,2-Dichloropropane	63	6.220	6.220	0.000	97	17663	2.00	2.02	
81 1,4-Dioxane	88	6.342	6.335	0.007	92	6429	40.0	35.4	
82 Dibromomethane	93	6.361	6.355	0.006	93	12753	2.00	2.03	
83 Dichlorobromomethane	83	6.477	6.477	0.000	96	21302	2.00	2.00	
84 2-Chloroethyl vinyl ether	63	6.711	6.708	0.003	92	13719	2.00	1.91	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	96	25519	2.00	1.87	
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	95	155979	10.0	10.2	
88 Toluene	92	7.155	7.155	0.000	98	49774	2.00	2.12	
91 trans-1,3-Dichloropropene	75	7.400	7.403	-0.003	95	22624	2.00	1.85	
90 Ethyl methacrylate	69	7.412	7.409	0.003	86	28016	2.00	1.94	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	89	15470	2.00	2.02	
94 Tetrachloroethene	166	7.673	7.676	-0.003	96	20373	2.00	2.27	
95 1,3-Dichloropropane	76	7.763	7.760	0.003	86	31733	2.00	2.04	
96 2-Hexanone	43	7.789	7.789	0.000	97	122010	10.0	10.4	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	90	15715	2.00	1.84	
101 Ethylene Dibromide	107	8.123	8.123	0.000	98	19641	2.00	1.98	
103 Chlorobenzene	112	8.576	8.576	0.000	97	55706	2.00	2.14	
104 Ethylbenzene	91	8.647	8.644	0.003	97	90952	2.00	2.20	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	95	15780	2.00	1.92	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	97	37194	2.00	2.23	
107 o-Xylene	106	9.194	9.194	0.000	94	36014	2.00	2.12	
109 Styrene	104	9.219	9.219	0.000	92	56192	2.00	2.07	
110 Bromoform	173	9.490	9.490	0.000	94	11207	2.00	1.77	
111 Isopropylbenzene	105	9.563	9.564	-0.001	95	86657	2.00	2.08	
113 Bromobenzene	156	9.959	9.959	0.000	89	22549	2.00	2.00	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.975	-0.003	93	30399	2.00	1.97	
114 N-Propylbenzene	91	10.007	10.010	-0.003	99	106841	2.00	2.13	
115 trans-1,4-Dichloro-2-butene	53	10.027	10.023	0.003	72	6562	2.00	1.83	
116 1,2,3-Trichloropropane	110	10.023	10.027	-0.004	89	9501	2.00	1.91	
117 2-Chlorotoluene	126	10.139	10.139	0.000	97	21489	2.00	2.05	
118 1,3,5-Trimethylbenzene	105	10.184	10.187	-0.003	94	72948	2.00	2.06	
119 4-Chlorotoluene	91	10.248	10.248	0.000	96	65117	2.00	2.08	
120 tert-Butylbenzene	134	10.522	10.518	0.004	91	17308	2.00	2.06	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	77731	2.00	2.10	

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	10.731	10.731	0.000	93	97272	2.00	2.12	
123 4-Isopropyltoluene	119	10.862	10.863	0.000	97	83113	2.00	2.14	
124 1,3-Dichlorobenzene	146	10.891	10.888	0.003	97	44889	2.00	2.09	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	94	45522	2.00	2.06	
127 n-Butylbenzene	91	11.248	11.248	0.000	97	77273	2.00	2.15	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	44228	2.00	2.05	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	86	5467	2.00	1.81	
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	94	33540	2.00	2.09	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	96	13706	2.00	2.18	
132 Naphthalene	128	12.869	12.869	0.000	97	110738	2.00	1.98	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	94	32365	2.00	2.04	
S 144 1,3-Dichloropropene, Total	1				0			3.72	
S 143 Xylenes, Total	1				0			4.35	
S 142 Total BTEX	1				0			10.8	
S 141 1,2-Dichloroethene, Total	1				0			4.21	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00255	Amount Added:	2.00	Units: uL	
GAS CORP mix_00619	Amount Added:	2.00	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:42:53 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D

Injection Date: 22-May-2024 17:07:47 Instrument ID: HP5977L

Lims ID: IC 2

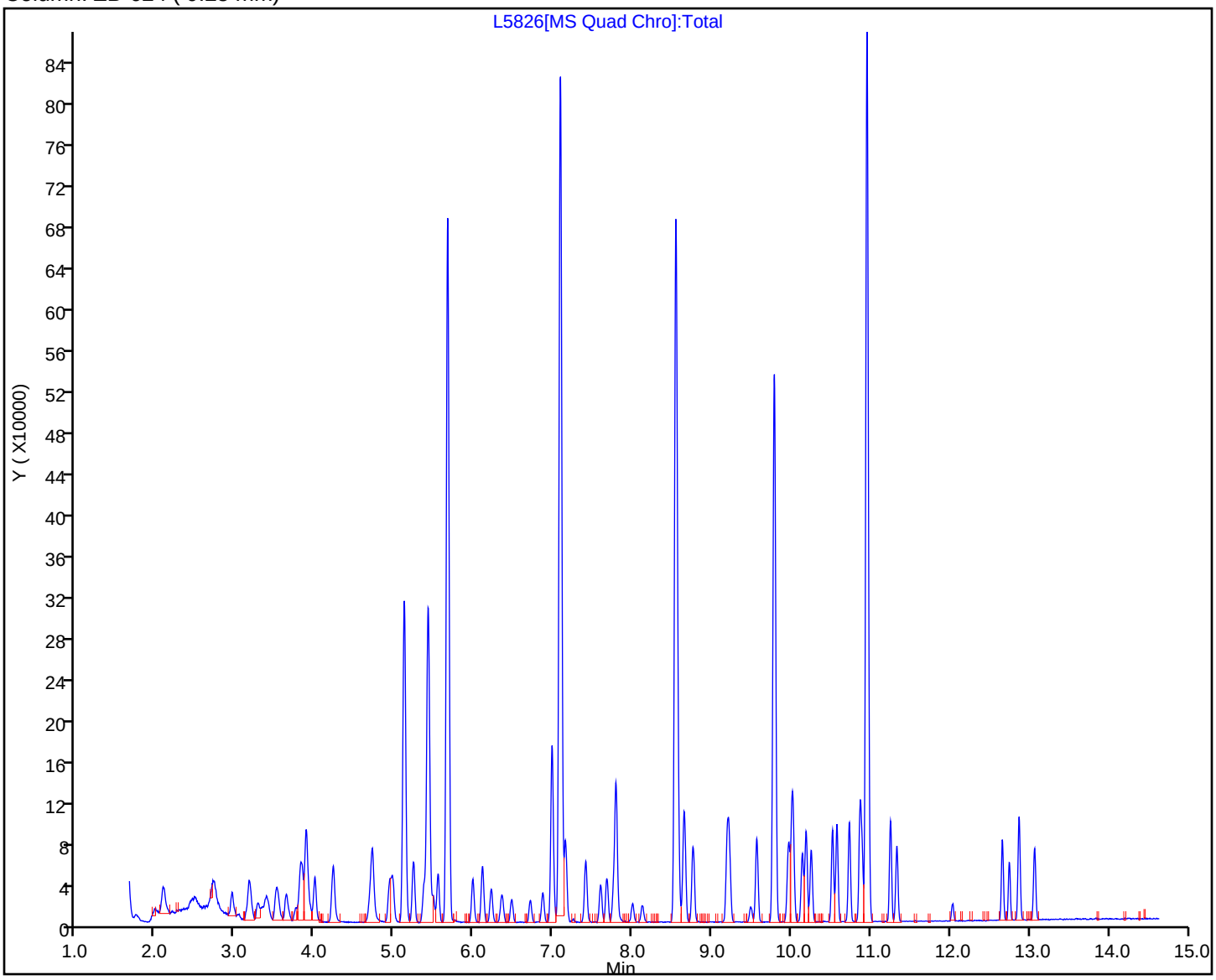
Client ID:

Operator ID: ZN 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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

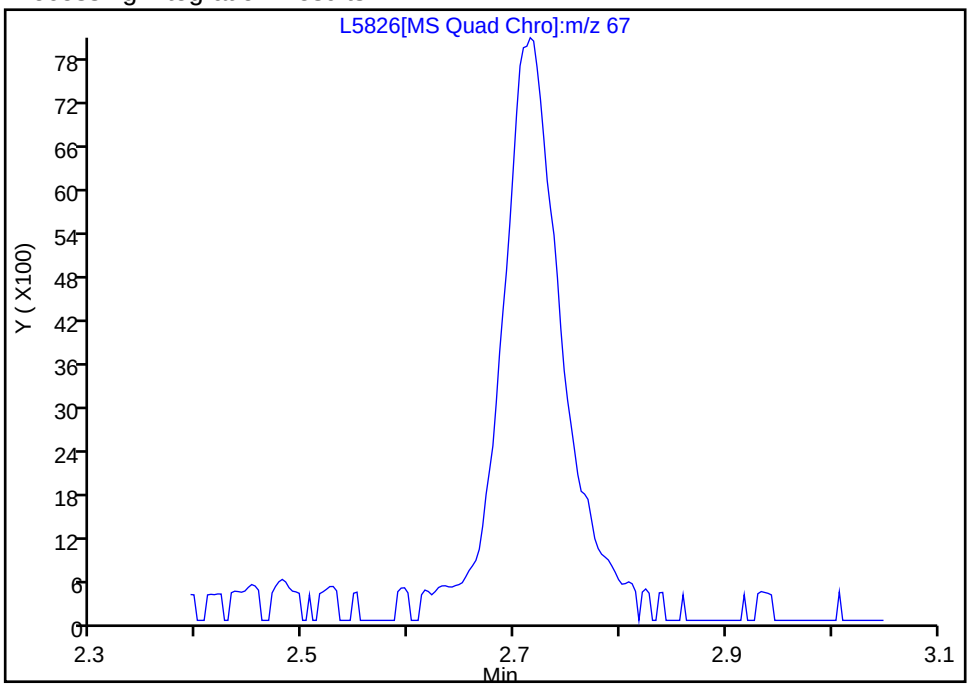
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

20 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

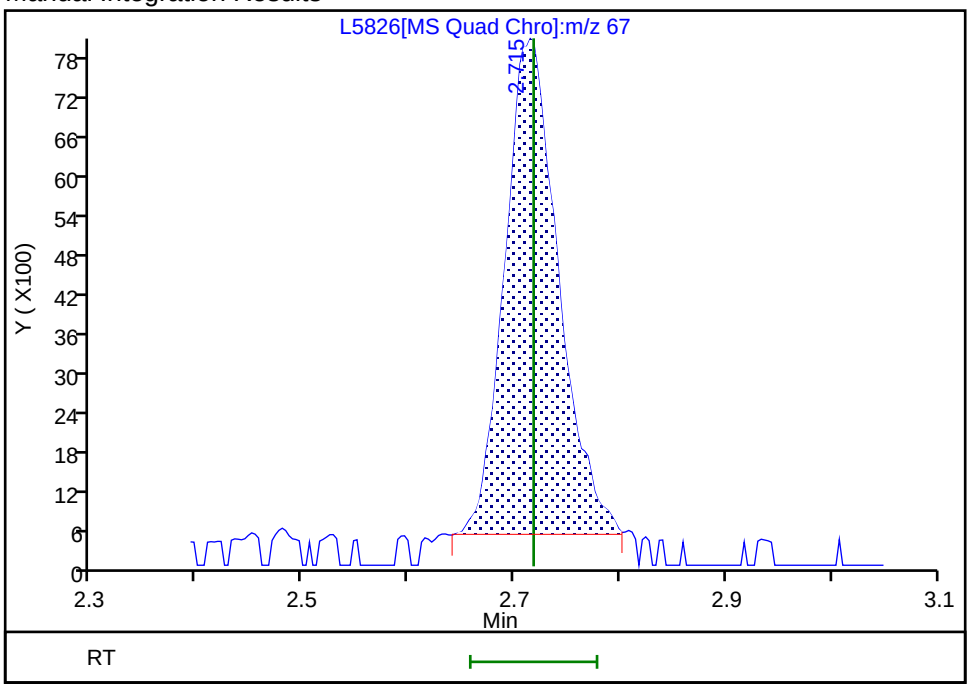
Not Detected
Expected RT: 2.72

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 26746
Amount: 2.045077
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:11:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

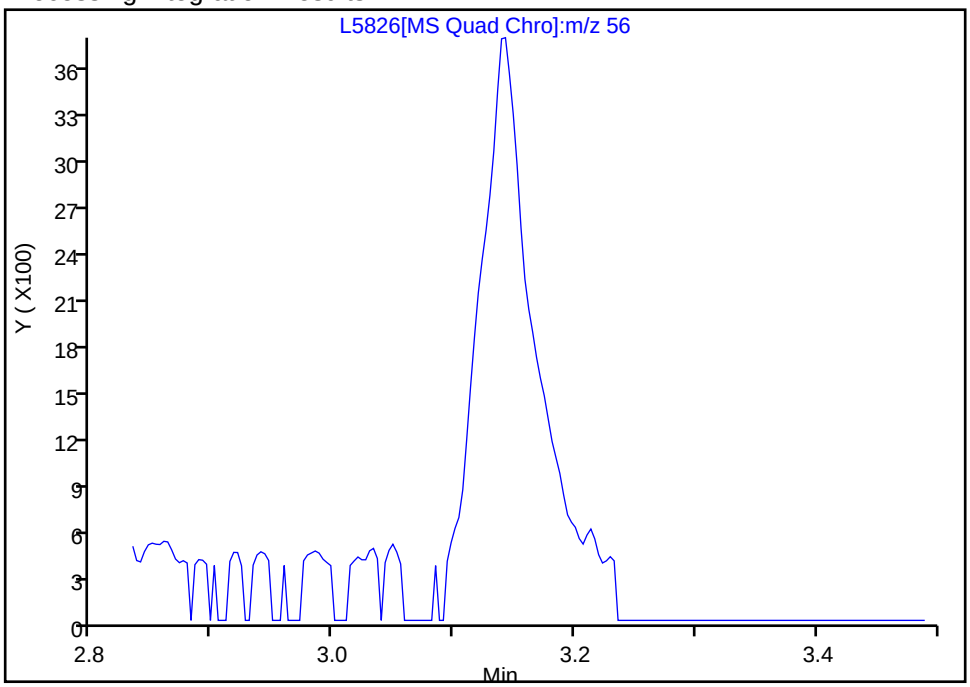
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

28 Acrolein, CAS: 107-02-8

Signal: 1

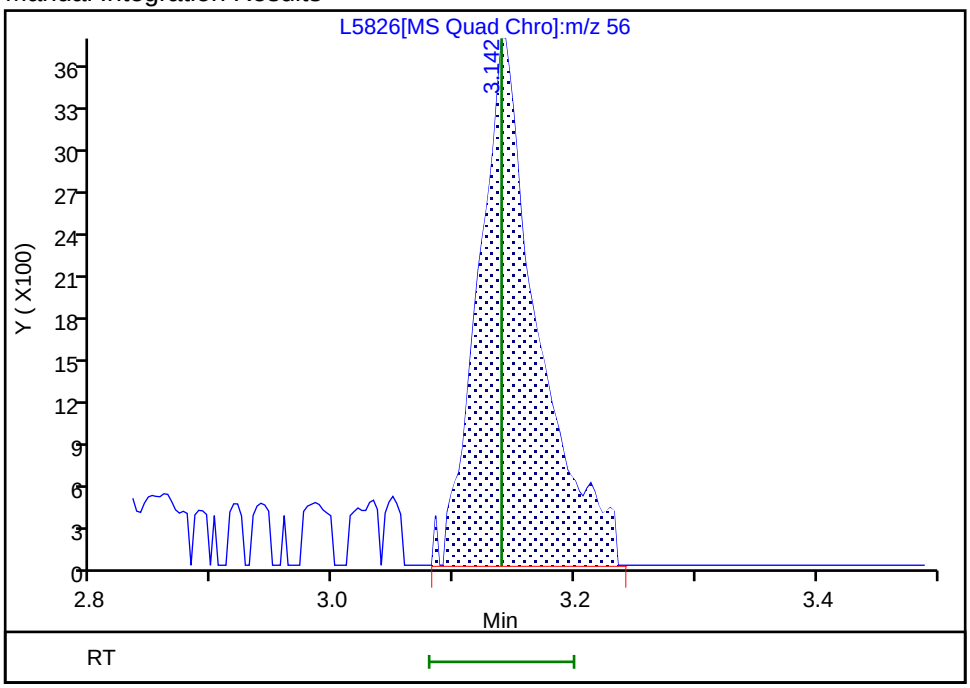
Not Detected
Expected RT: 3.14

Processing Integration Results



Manual Integration Results

RT: 3.14
Area: 12902
Amount: 10.238513
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:11:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

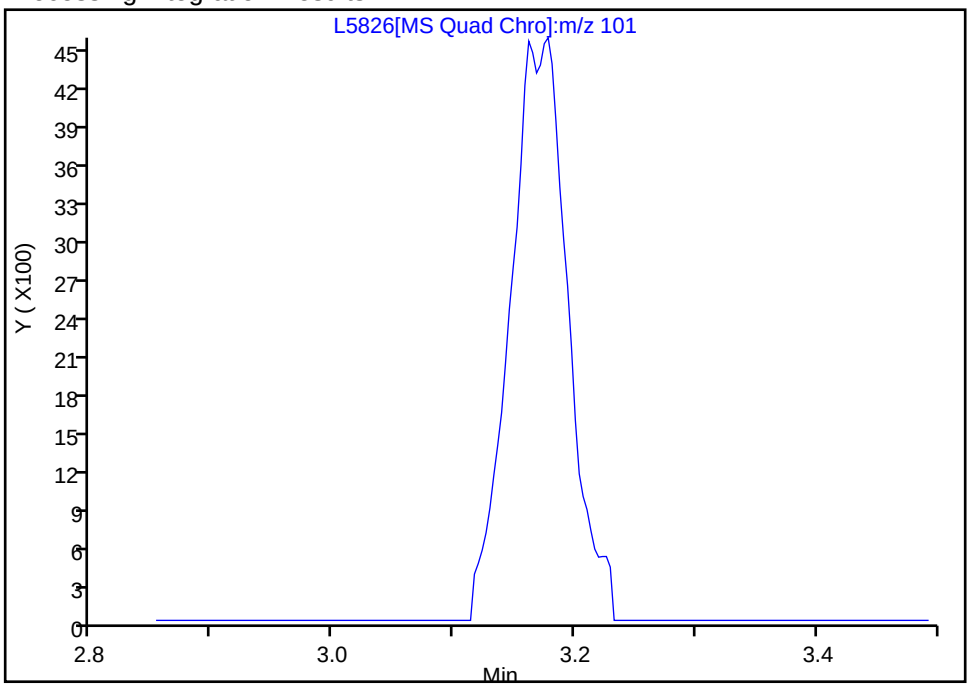
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

29 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

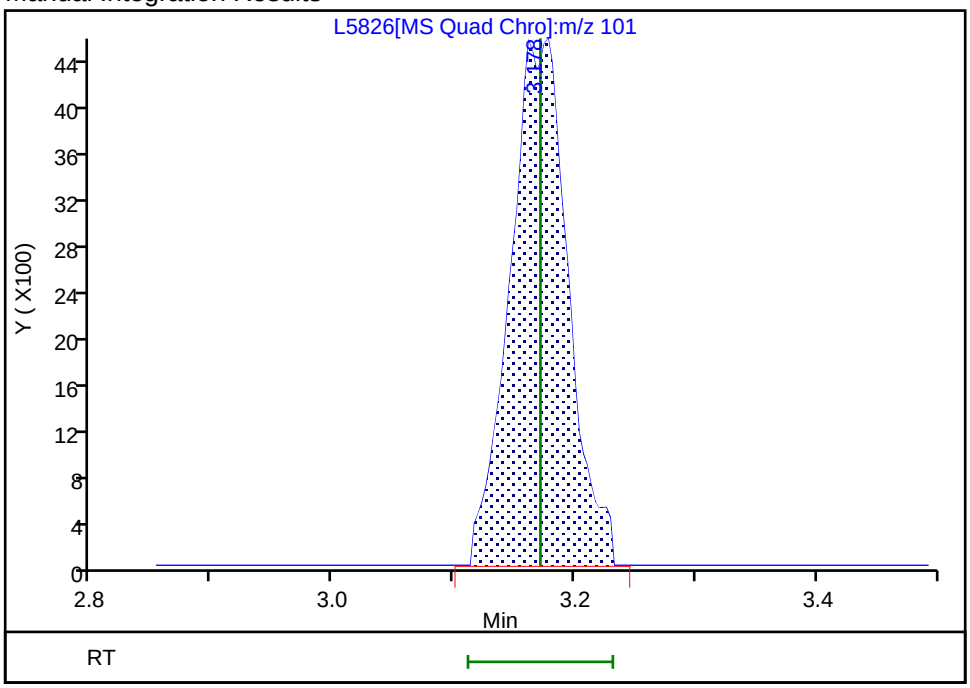
Processing Integration Results

Not Detected
Expected RT: 3.17



Manual Integration Results

RT: 3.18
Area: 15047
Amount: 2.279179
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:11:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

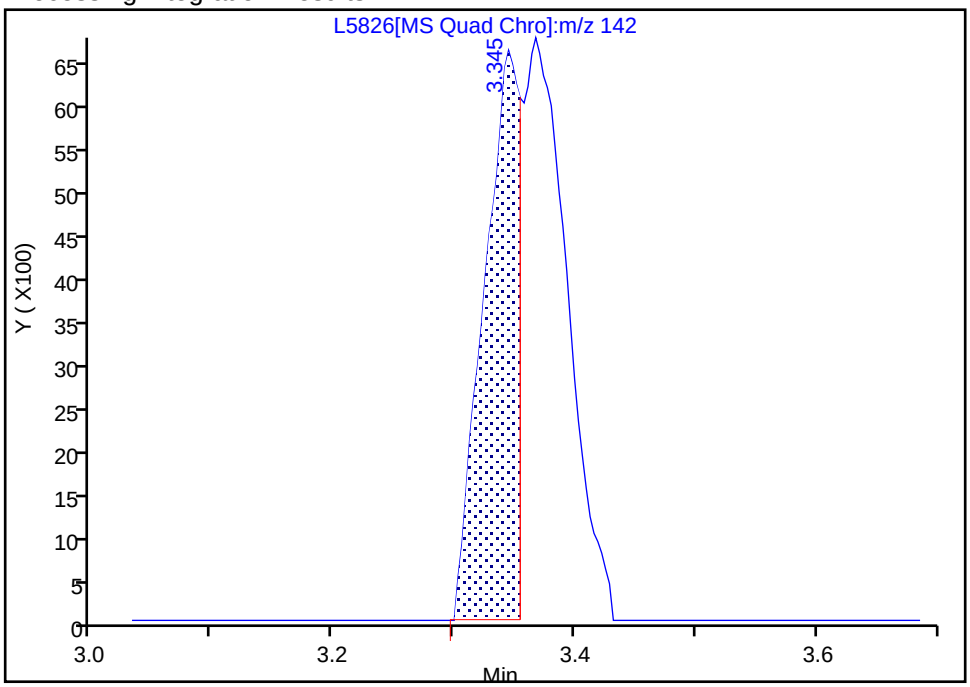
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

33 Iodomethane, CAS: 74-88-4

Signal: 1

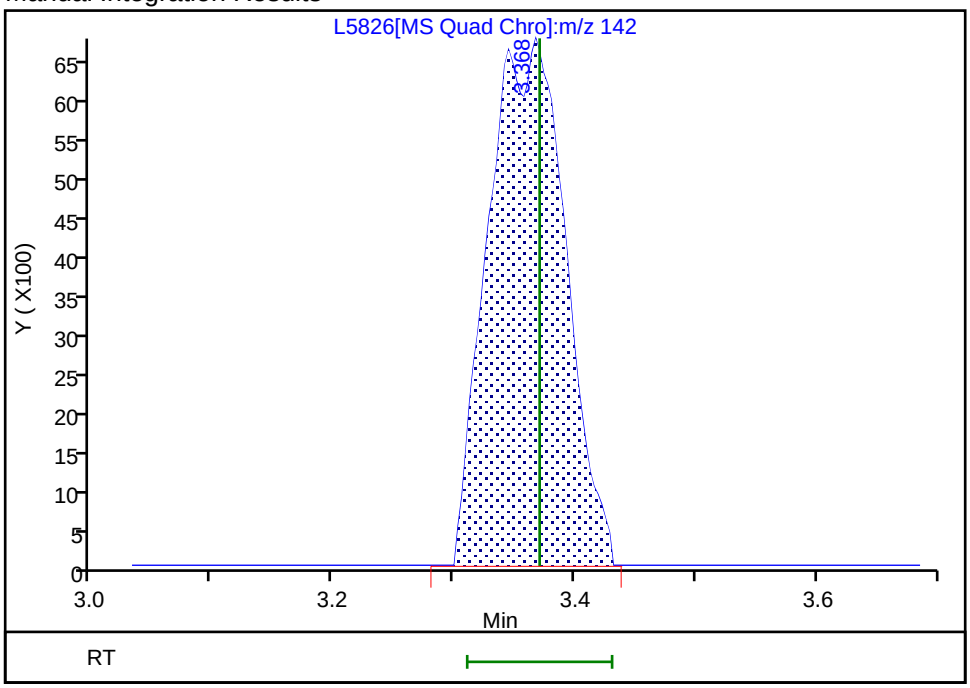
Processing Integration Results

RT: 3.34
Area: 13519
Amount: 1.040607
Amount Units: ug/L



Manual Integration Results

RT: 3.37
Area: 30237
Amount: 2.154196
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:11:49 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

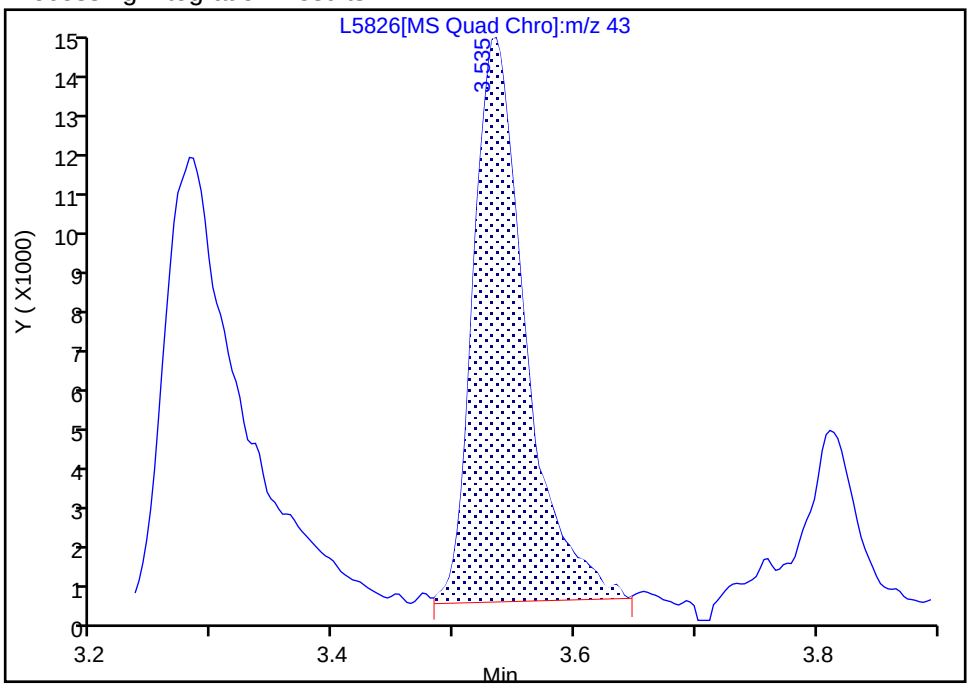
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

38 Methyl acetate, CAS: 79-20-9

Signal: 1

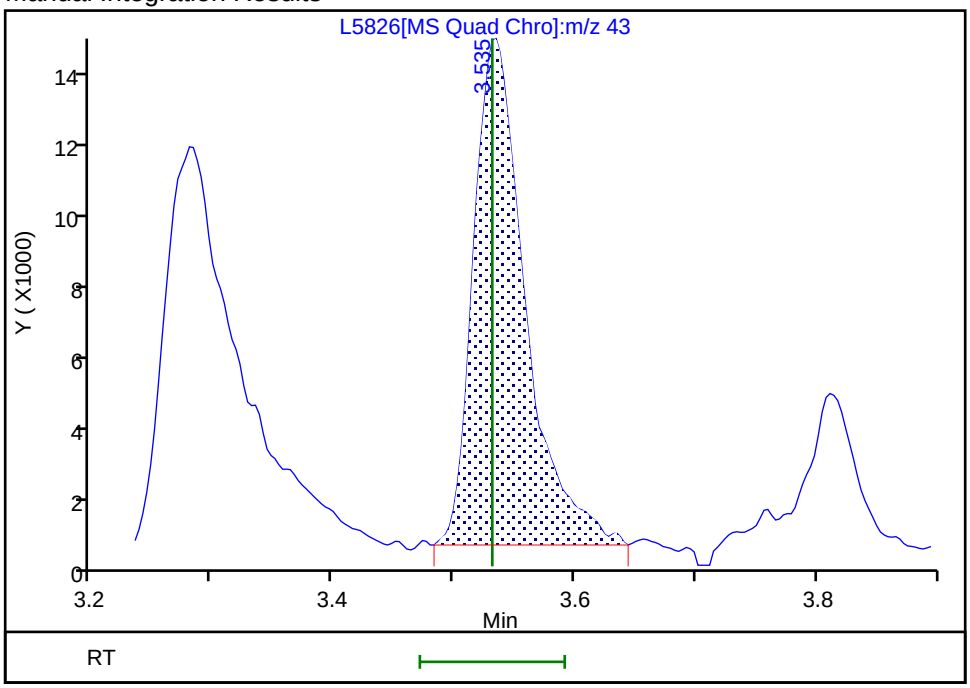
Processing Integration Results

RT: 3.53
Area: 42601
Amount: 3.679900
Amount Units: ug/L



Manual Integration Results

RT: 3.53
Area: 41995
Amount: 3.692824
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:12:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

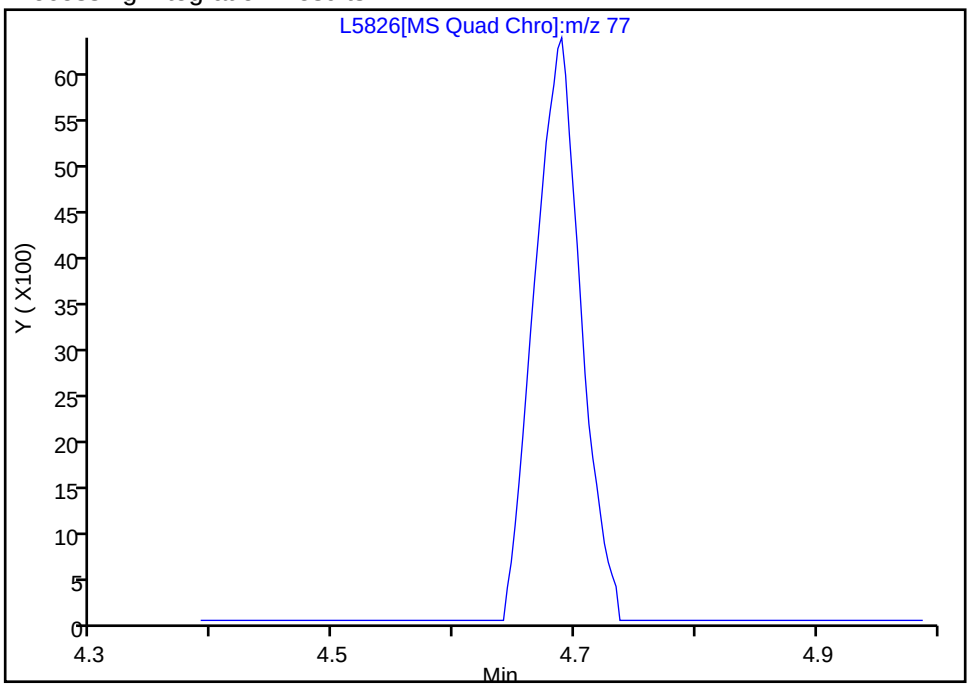
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5826.D				
Injection Date:	22-May-2024 17:07:47	Instrument ID:	HP5977L		
Lims ID:	IC 2				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

56 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

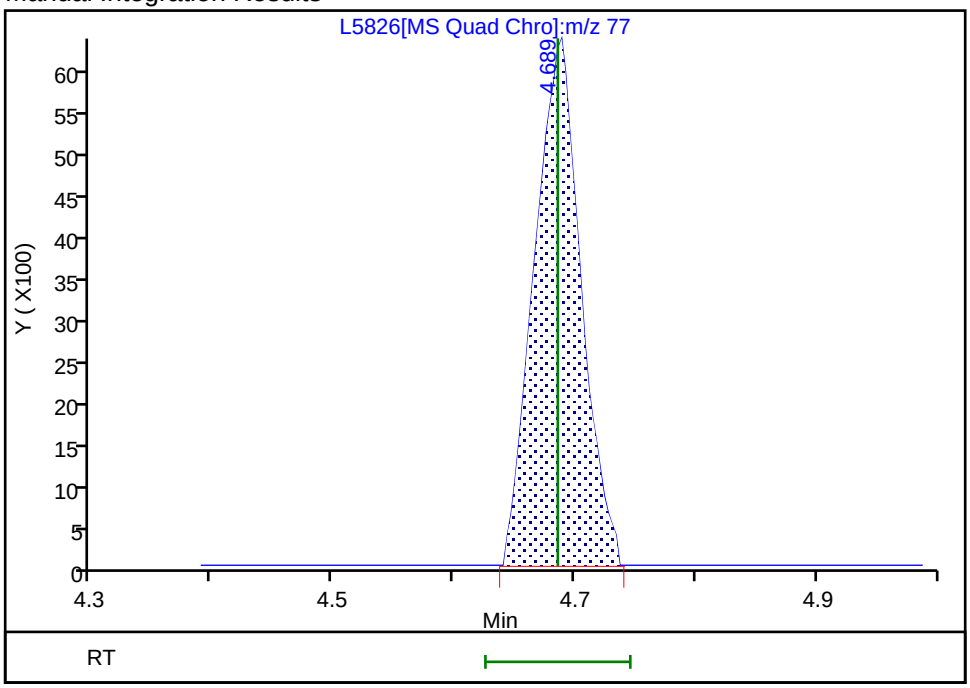
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 16887
Amount: 2.150041
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:12:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5827.D
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2024 17:32:48 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0118173-016
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:43:11 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:09:43

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	5.670	5.670	0.000	99	159808	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	85	650355	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	96	344812	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.126	5.123	0.003	95	206104	25.0	24.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	221994	25.0	25.0	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	93	842092	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	98	255594	25.0	25.1	
10 Dichlorodifluoromethane	85	1.744	1.747	-0.003	97	40840	5.00	5.38	
13 Chloromethane	50	1.975	1.982	-0.007	98	47372	5.00	5.42	
14 Vinyl chloride	62	2.088	2.081	0.007	97	40966	5.00	5.24	
15 Butadiene	54	2.094	2.094	0.000	89	40443	5.00	5.27	
18 Bromomethane	94	2.451	2.438	0.013	86	29123	5.00	5.12	
19 Chloroethane	64	2.493	2.496	-0.003	99	24945	5.00	5.52	
20 Dichlorofluoromethane	67	2.715	2.718	-0.003	96	69831	5.00	5.17	
21 Trichlorofluoromethane	101	2.724	2.724	0.000	90	53933	5.00	5.31	
26 Ethyl ether	59	2.953	2.953	0.000	90	42588	5.00	5.05	
28 Acrolein	56	3.139	3.139	0.000	96	32048	25.0	24.6	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.171	3.171	0.000	86	37065	5.00	5.05	a
30 1,1-Dichloroethene	96	3.175	3.187	-0.012	98	41089	5.00	5.20	
31 Acetone	43	3.277	3.277	0.000	99	137619	25.0	25.5	
33 Iodomethane	142	3.364	3.371	-0.007	98	77445	5.00	5.34	
35 Carbon disulfide	76	3.400	3.409	-0.009	99	131046	5.00	5.32	
37 3-Chloro-1-propene	41	3.506	3.506	0.000	94	61459	5.00	5.01	
38 Methyl acetate	43	3.531	3.532	-0.001	97	114444	10.0	9.74	
39 Methylene Chloride	84	3.634	3.638	-0.004	90	54701	5.00	5.09	
40 2-Methyl-2-propanol	59	3.760	3.753	0.007	97	110814	50.0	52.7	
41 Methyl tert-butyl ether	73	3.814	3.814	0.000	98	143614	5.00	5.02	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	94	50559	5.00	5.29	
44 Acrylonitrile	53	3.885	3.885	0.000	100	307713	50.0	49.4	M
47 Hexane	57	3.998	3.998	0.000	89	60635	5.00	5.23	

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	4.213	4.213	0.000	96	80172	5.00	5.41	
49 Vinyl acetate	43	4.232	4.232	0.000	97	215199	10.0	9.96	
56 2,2-Dichloropropane	77	4.686	4.686	0.000	85	43215	5.00	5.33	
58 cis-1,2-Dichloroethene	96	4.712	4.712	0.000	80	54789	5.00	5.15	
57 2-Butanone (MEK)	43	4.724	4.724	0.000	100	225136	25.0	25.0	
60 Chlorobromomethane	128	4.927	4.930	-0.003	92	27793	5.00	5.17	
61 Tetrahydrofuran	42	4.953	4.949	0.004	86	59925	10.0	10.1	
62 Chloroform	83	4.978	4.978	0.000	91	82651	5.00	5.06	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	60640	5.00	5.21	
65 Cyclohexane	56	5.123	5.123	0.000	70	69886	5.00	5.18	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	95	61700	5.00	5.27	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	79	50248	5.00	5.09	
69 Isobutyl alcohol	43	5.374	5.367	0.007	95	121708	125.0	123.8	
70 Benzene	78	5.435	5.435	0.000	94	199096	5.00	5.34	
72 1,2-Dichloroethane	62	5.486	5.490	-0.004	97	59927	5.00	5.08	
73 n-Heptane	43	5.548	5.548	0.000	89	61174	5.00	5.11	
75 Trichloroethene	95	5.988	5.988	0.000	95	48673	5.00	5.29	
76 Methylcyclohexane	83	6.107	6.110	-0.003	86	76214	5.00	5.14	
77 1,2-Dichloropropane	63	6.220	6.220	0.000	96	47302	5.00	5.25	
81 1,4-Dioxane	88	6.338	6.335	0.003	91	20267	100.0	107.9	
82 Dibromomethane	93	6.355	6.355	0.000	94	32257	5.00	4.98	
83 Dichlorobromomethane	83	6.477	6.477	0.000	99	54633	5.00	4.96	
84 2-Chloroethyl vinyl ether	63	6.711	6.708	0.003	93	37338	5.00	5.02	
85 cis-1,3-Dichloropropene	75	6.869	6.866	0.003	98	71048	5.00	5.04	
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	95	402987	25.0	25.4	
88 Toluene	92	7.155	7.155	0.000	99	127563	5.00	5.27	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	95	63162	5.00	5.01	
90 Ethyl methacrylate	69	7.412	7.409	0.003	91	75502	5.00	5.06	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	89	41363	5.00	5.22	
94 Tetrachloroethene	166	7.679	7.676	0.003	98	51628	5.00	5.57	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	88	82598	5.00	5.14	
96 2-Hexanone	43	7.789	7.789	0.000	95	309804	25.0	25.5	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	90	43406	5.00	4.93	
101 Ethylene Dibromide	107	8.126	8.123	0.003	97	52874	5.00	5.16	
103 Chlorobenzene	112	8.576	8.576	0.000	97	142139	5.00	5.29	
104 Ethylbenzene	91	8.644	8.644	0.000	97	227435	5.00	5.32	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	95	42871	5.00	5.05	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	97	92443	5.00	5.37	
107 o-Xylene	106	9.194	9.194	0.000	95	93169	5.00	5.31	
109 Styrene	104	9.219	9.219	0.000	95	149073	5.00	5.30	
110 Bromoform	173	9.486	9.490	-0.004	95	30250	5.00	4.63	
111 Isopropylbenzene	105	9.567	9.564	0.003	95	225123	5.00	5.31	
113 Bromobenzene	156	9.959	9.959	0.000	89	59537	5.00	5.18	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.975	0.000	94	79036	5.00	5.03	
114 N-Propylbenzene	91	10.010	10.010	0.000	99	269121	5.00	5.27	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	73	18093	5.00	4.97	
116 1,2,3-Trichloropropane	110	10.027	10.027	-0.001	86	26649	5.00	5.28	
117 2-Chlorotoluene	126	10.136	10.139	-0.003	98	56436	5.00	5.28	
118 1,3,5-Trimethylbenzene	105	10.187	10.187	0.000	94	193090	5.00	5.35	
119 4-Chlorotoluene	91	10.248	10.248	0.000	96	164016	5.00	5.16	
120 tert-Butylbenzene	134	10.518	10.518	0.000	91	44675	5.00	5.22	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	197515	5.00	5.23	

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	10.731	10.731	0.000	93	252496	5.00	5.40	
123 4-Isopropyltoluene	119	10.862	10.863	0.000	97	215272	5.00	5.46	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	97	115083	5.00	5.26	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	95	116360	5.00	5.18	
127 n-Butylbenzene	91	11.248	11.248	0.000	98	195147	5.00	5.34	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	113686	5.00	5.19	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	88	14909	5.00	4.86	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	93	86343	5.00	5.29	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	97	35258	5.00	5.51	
132 Naphthalene	128	12.869	12.869	0.000	96	286797	5.00	5.05	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	96	85212	5.00	5.29	
S 144 1,3-Dichloropropene, Total	1				0			10.0	
S 143 Xylenes, Total	1				0			10.7	
S 142 Total BTEX	1				0			26.6	
S 141 1,2-Dichloroethene, Total	1				0			10.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00255	Amount Added:	5.00	Units: uL	
GAS CORP mix_00619	Amount Added:	5.00	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:43:12 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5827.D

Injection Date: 22-May-2024 17:32:48 Instrument ID: HP5977L

Lims ID: IC 3

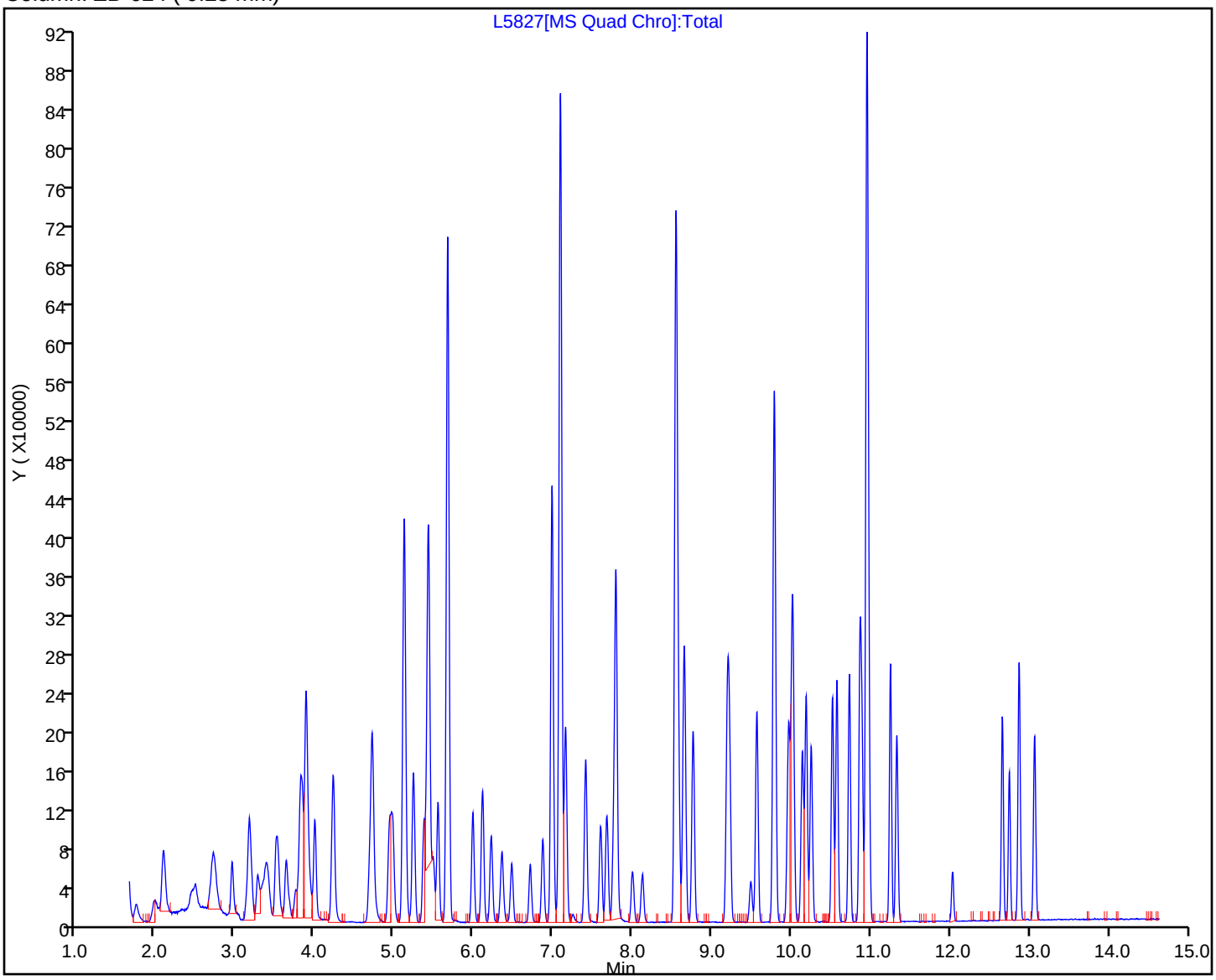
Client ID:

Operator ID: ZN 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

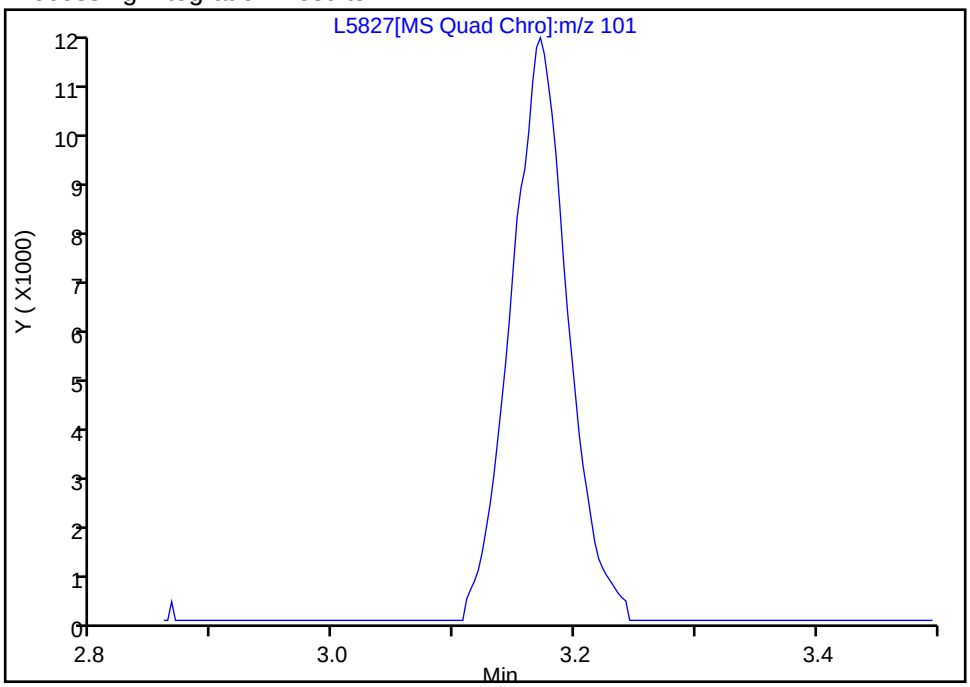
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5827.D				
Injection Date:	22-May-2024 17:32:48	Instrument ID:	HP5977L		
Lims ID:	IC 3				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

29 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

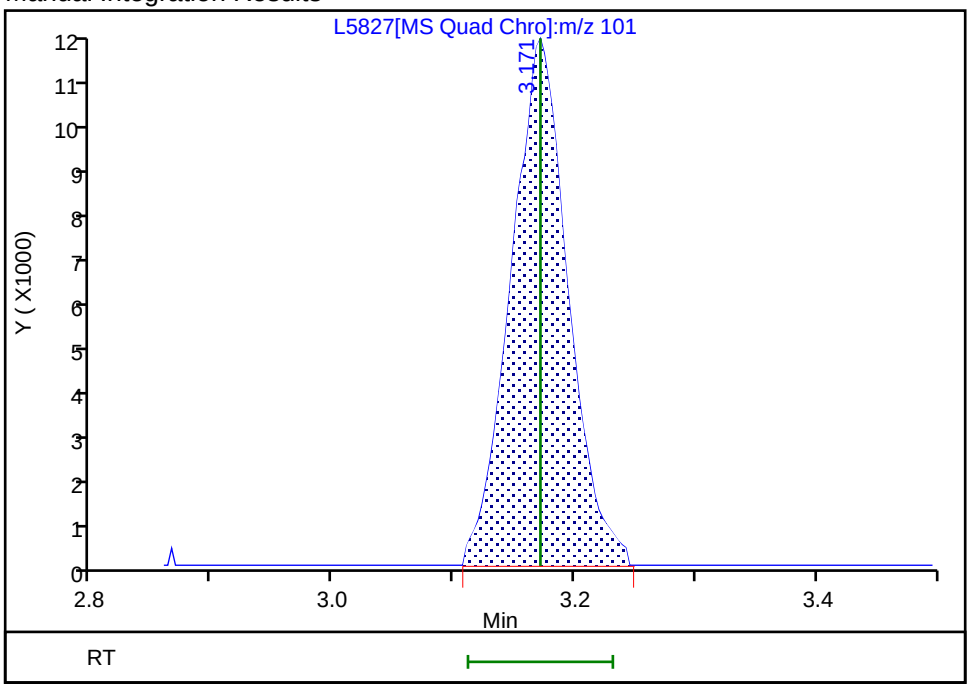
Processing Integration Results

Not Detected
Expected RT: 3.17



Manual Integration Results

RT: 3.17
Area: 37065
Amount: 5.047084
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:07:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

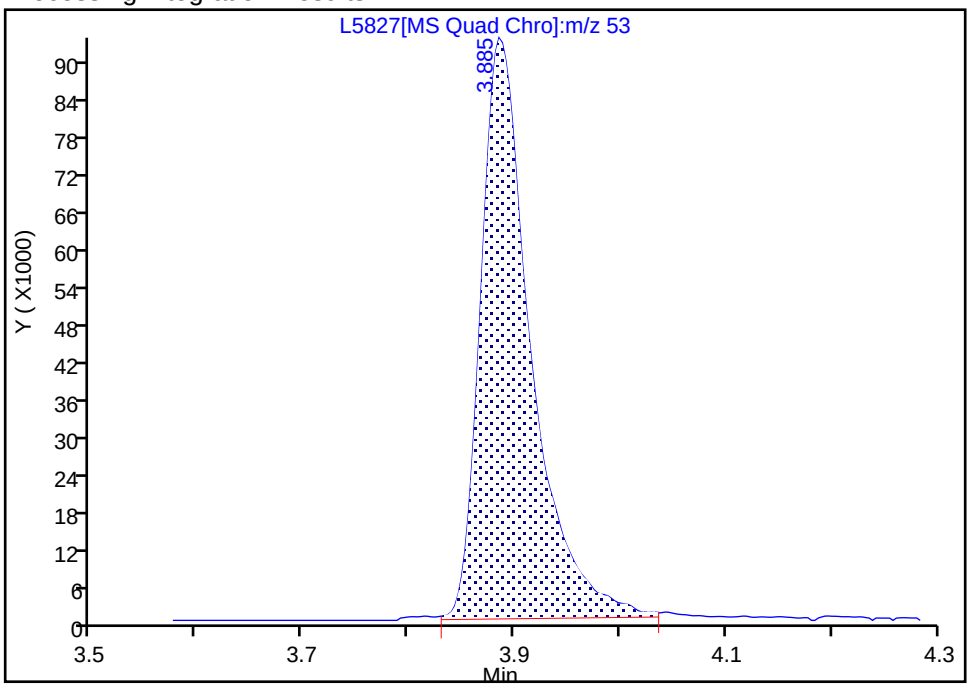
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5827.D				
Injection Date:	22-May-2024 17:32:48	Instrument ID:	HP5977L		
Lims ID:	IC 3				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

44 Acrylonitrile, CAS: 107-13-1

Signal: 1

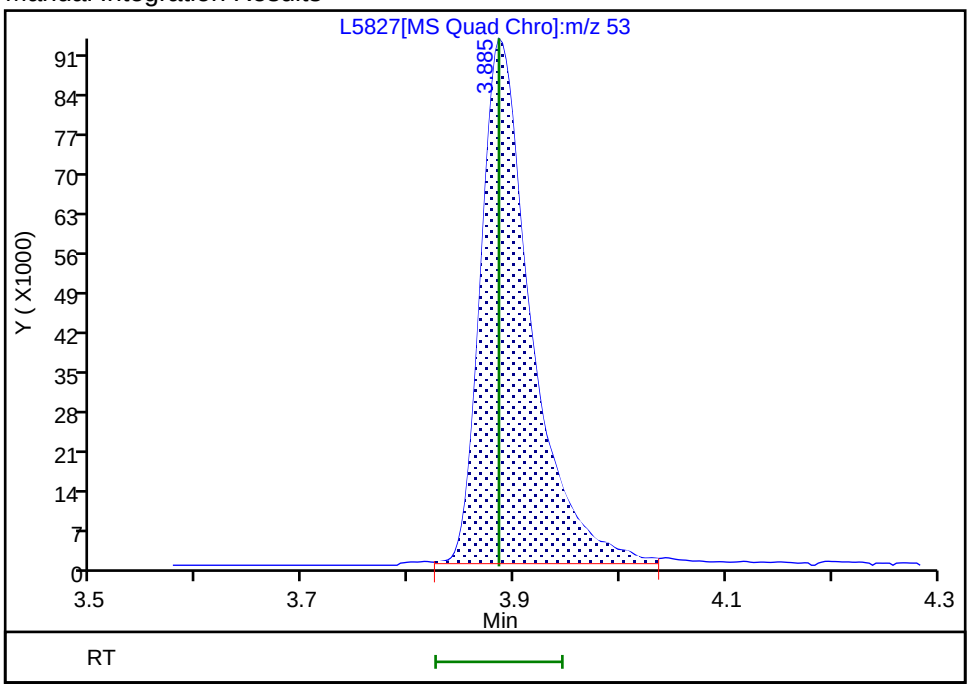
Processing Integration Results

RT: 3.89
Area: 308179
Amount: 49.632090
Amount Units: ug/L



Manual Integration Results

RT: 3.89
Area: 307713
Amount: 49.422571
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:08:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-May-2024 17:57:44 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0118173-017
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:43:28 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:07:08

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	5.670	5.670	0.000	100	158002	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	656214	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.953	-0.004	94	343862	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	95	210964	25.0	25.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	226173	25.0	25.8	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	841896	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	99	252655	25.0	24.6	
10 Dichlorodifluoromethane	85	1.747	1.747	0.000	99	77171	10.0	10.1	
13 Chloromethane	50	1.969	1.982	-0.013	99	88817	10.0	10.3	a
14 Vinyl chloride	62	2.085	2.081	0.004	84	82970	10.0	10.5	
15 Butadiene	54	2.088	2.094	-0.006	93	79466	10.0	10.5	
18 Bromomethane	94	2.442	2.438	0.004	91	55239	10.0	9.83	
19 Chloroethane	64	2.490	2.496	-0.006	99	49764	10.0	11.1	
20 Dichlorofluoromethane	67	2.715	2.718	-0.003	97	133759	10.0	10.0	
21 Trichlorofluoromethane	101	2.728	2.724	0.004	72	102165	10.0	10.2	
26 Ethyl ether	59	2.953	2.953	0.000	90	81055	10.0	9.73	
28 Acrolein	56	3.136	3.139	-0.003	98	63550	50.0	49.4	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.165	3.171	-0.006	92	71728	10.0	9.61	
30 1,1-Dichloroethene	96	3.175	3.187	-0.012	95	81445	10.0	10.4	
31 Acetone	43	3.274	3.277	-0.003	99	264224	50.0	49.6	
33 Iodomethane	142	3.364	3.371	-0.007	98	152008	10.0	10.6	
35 Carbon disulfide	76	3.400	3.409	-0.009	99	261314	10.0	10.7	
37 3-Chloro-1-propene	41	3.503	3.506	-0.003	93	123501	10.0	10.2	
38 Methyl acetate	43	3.532	3.532	0.000	97	220194	20.0	19.0	M
39 Methylene Chloride	84	3.634	3.638	-0.004	89	104698	10.0	10.3	
40 2-Methyl-2-propanol	59	3.766	3.753	0.013	97	206675	100.0	99.5	
41 Methyl tert-butyl ether	73	3.815	3.814	0.001	94	282506	10.0	9.98	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	95	99523	10.0	10.5	
44 Acrylonitrile	53	3.885	3.885	0.000	100	628275	100.0	102.1	M
47 Hexane	57	3.998	3.998	0.000	91	112491	10.0	9.81	

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	4.213	4.213	0.000	96	156643	10.0	10.7	
49 Vinyl acetate	43	4.229	4.232	-0.003	97	442683	20.0	20.7	
56 2,2-Dichloropropane	77	4.683	4.686	-0.003	87	87209	10.0	10.9	
58 cis-1,2-Dichloroethene	96	4.712	4.712	0.000	78	111989	10.0	10.7	
57 2-Butanone (MEK)	43	4.725	4.724	0.000	100	442990	50.0	49.7	
60 Chlorobromomethane	128	4.930	4.930	0.000	91	55454	10.0	10.4	
61 Tetrahydrofuran	42	4.950	4.949	0.001	87	115017	20.0	19.6	
62 Chloroform	83	4.979	4.978	0.000	91	159534	10.0	9.88	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	97	122197	10.0	10.6	
65 Cyclohexane	56	5.123	5.123	0.000	68	135328	10.0	10.1	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	97	120787	10.0	10.4	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	95	102338	10.0	10.5	
69 Isobutyl alcohol	43	5.371	5.367	0.004	96	247044	250.0	254.2	
70 Benzene	78	5.435	5.435	0.000	95	387249	10.0	10.5	
72 1,2-Dichloroethane	62	5.487	5.490	-0.003	97	117631	10.0	10.1	
73 n-Heptane	43	5.548	5.548	0.000	88	121507	10.0	10.3	M
75 Trichloroethene	95	5.985	5.988	-0.003	96	97707	10.0	10.7	
76 Methylcyclohexane	83	6.107	6.110	-0.003	85	148868	10.0	10.2	
77 1,2-Dichloropropane	63	6.220	6.220	0.000	97	94354	10.0	10.6	
81 1,4-Dioxane	88	6.339	6.335	0.004	89	39497	200.0	208.5	M
82 Dibromomethane	93	6.355	6.355	0.000	93	65233	10.0	10.2	
83 Dichlorobromomethane	83	6.477	6.477	0.000	99	113332	10.0	10.4	
84 2-Chloroethyl vinyl ether	63	6.708	6.708	0.000	91	77445	10.0	10.5	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	146911	10.0	10.5	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.985	-0.003	95	797421	50.0	49.8	
88 Toluene	92	7.155	7.155	0.000	99	248464	10.0	10.2	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	96	132595	10.0	10.4	
90 Ethyl methacrylate	69	7.409	7.409	0.000	86	150266	10.0	9.97	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	90	80862	10.0	10.1	
94 Tetrachloroethene	166	7.673	7.676	-0.003	97	101624	10.0	10.9	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	96	165082	10.0	10.2	
96 2-Hexanone	43	7.789	7.789	0.000	95	612949	50.0	49.9	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	89	91784	10.0	10.3	
101 Ethylene Dibromide	107	8.120	8.123	-0.003	99	107020	10.0	10.4	
103 Chlorobenzene	112	8.576	8.576	0.000	97	277448	10.0	10.2	
104 Ethylbenzene	91	8.644	8.644	0.000	98	448576	10.0	10.4	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	97	87901	10.0	10.3	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	183035	10.0	10.5	
107 o-Xylene	106	9.191	9.194	-0.003	95	184481	10.0	10.4	
109 Styrene	104	9.216	9.219	-0.003	96	295777	10.0	10.4	
110 Bromoform	173	9.490	9.490	0.000	97	65769	10.0	9.98	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	449016	10.0	10.6	
113 Bromobenzene	156	9.959	9.959	0.000	91	117709	10.0	10.3	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.975	0.000	94	157000	10.0	10.0	
114 N-Propylbenzene	91	10.007	10.010	-0.003	99	541843	10.0	10.6	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	74	37710	10.0	10.4	
116 1,2,3-Trichloropropane	110	10.027	10.027	0.000	85	51136	10.0	10.2	
117 2-Chlorotoluene	126	10.136	10.139	-0.003	98	111135	10.0	10.4	
118 1,3,5-Trimethylbenzene	105	10.184	10.187	-0.003	95	381554	10.0	10.6	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	322576	10.0	10.2	
120 tert-Butylbenzene	134	10.519	10.518	0.001	91	88798	10.0	10.4	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	394269	10.0	10.5	

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	10.731	10.731	0.000	93	498680	10.0	10.7	
123 4-Isopropyltoluene	119	10.863	10.863	0.001	97	421398	10.0	10.7	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	224693	10.0	10.3	
126 1,4-Dichlorobenzene	146	10.972	10.975	-0.003	96	229717	10.0	10.2	
127 n-Butylbenzene	91	11.248	11.248	0.000	97	384735	10.0	10.6	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	220216	10.0	10.1	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	89	31238	10.0	10.2	
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	94	166467	10.0	10.2	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	68275	10.0	10.7	
132 Naphthalene	128	12.869	12.869	0.000	96	577907	10.0	10.2	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	94	161232	10.0	10.0	
S 144 1,3-Dichloropropene, Total	1				0			21.0	
S 143 Xylenes, Total	1				0			21.0	
S 142 Total BTEX	1				0			52.0	
S 141 1,2-Dichloroethene, Total	1				0			21.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00255	Amount Added:	5.00	Units: uL	
GAS CORP mix_00619	Amount Added:	5.00	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:43:29 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D

Injection Date: 22-May-2024 17:57:44 Instrument ID: HP5977L

Lims ID: IC 4

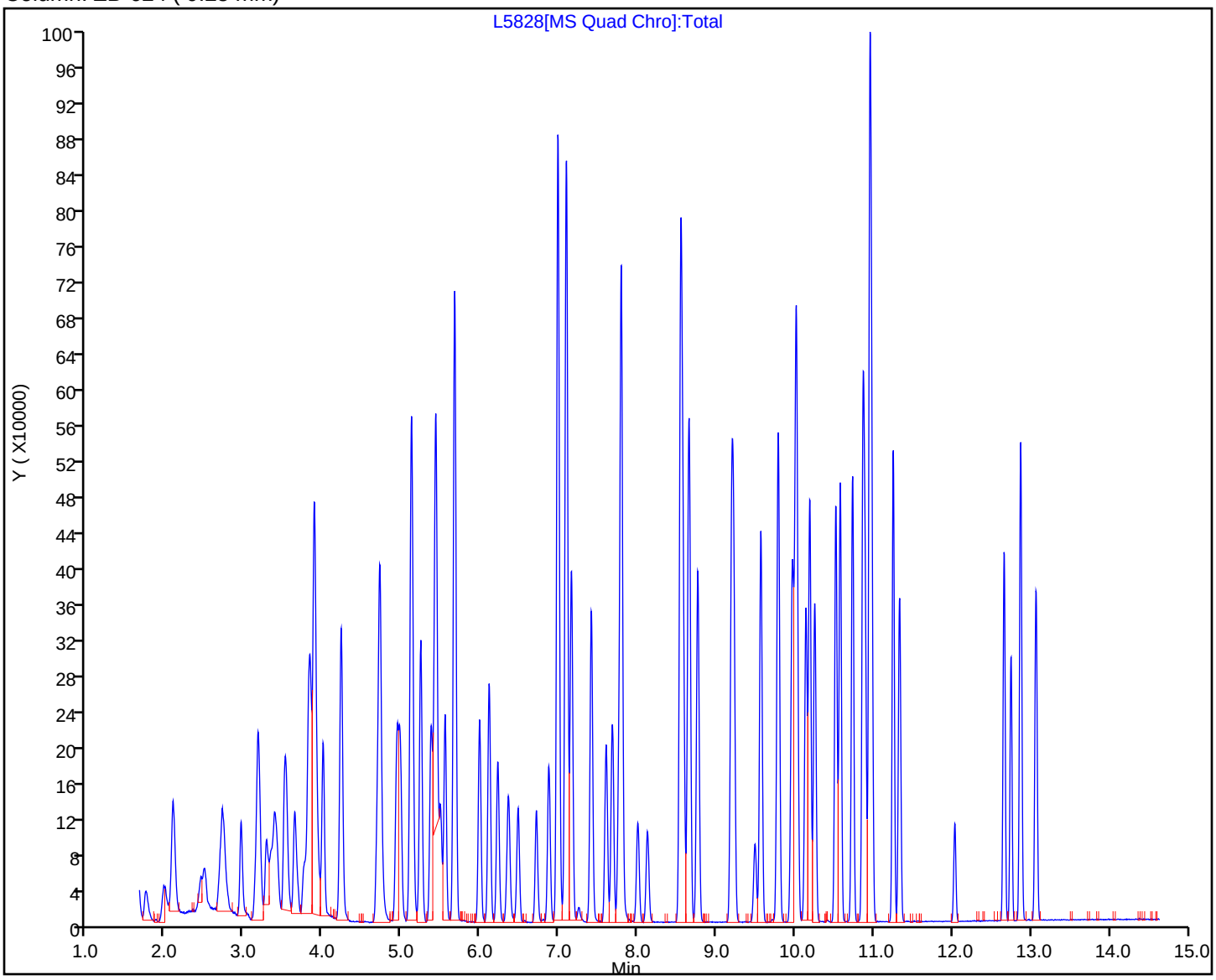
Client ID:

Operator ID: ZN 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)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

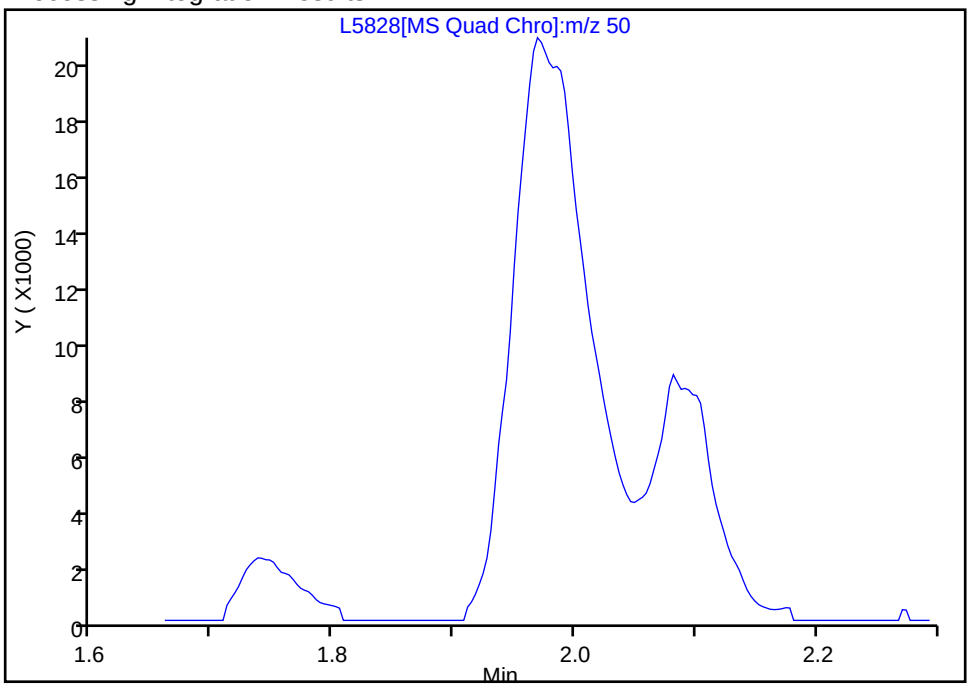
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D				
Injection Date:	22-May-2024 17:57:44	Instrument ID:	HP5977L		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

13 Chloromethane, CAS: 74-87-3

Signal: 1

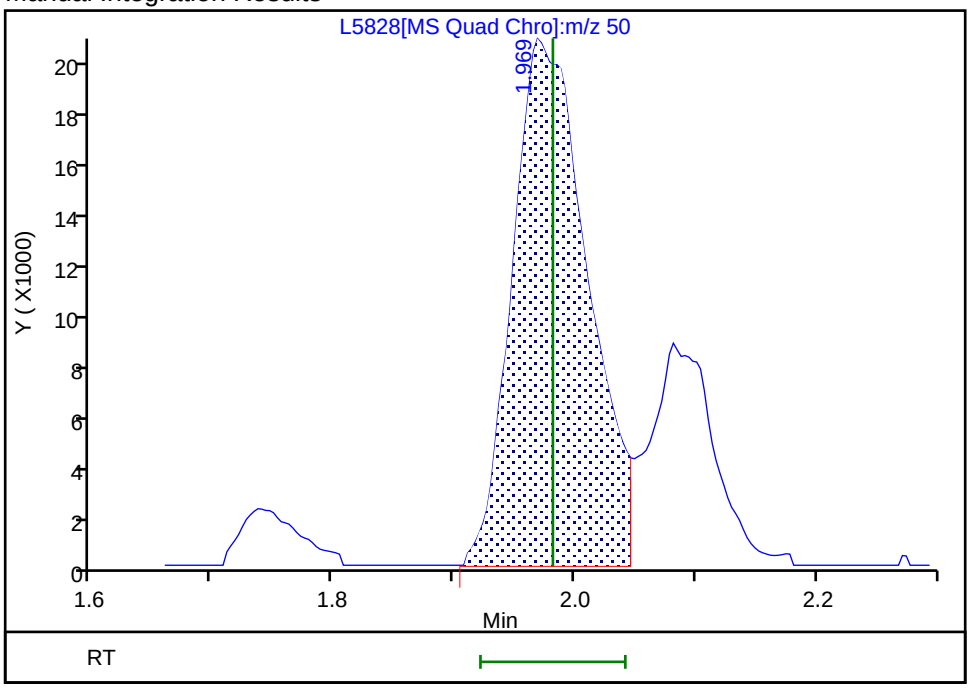
Processing Integration Results

Not Detected
Expected RT: 1.98



Manual Integration Results

RT: 1.97
Area: 88817
Amount: 10.269818
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:05:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

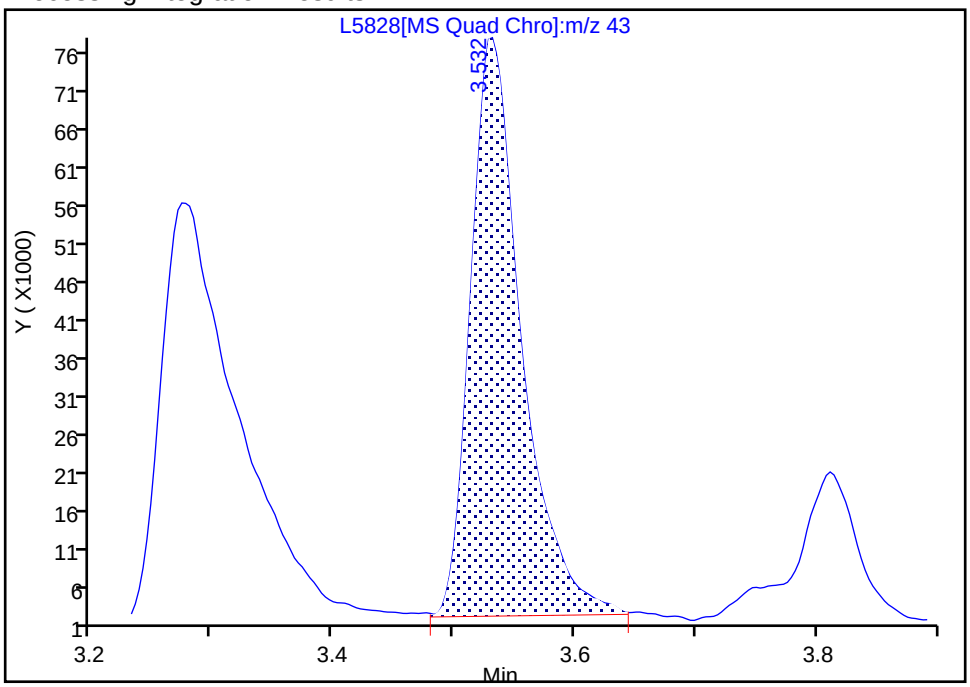
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D				
Injection Date:	22-May-2024 17:57:44	Instrument ID:	HP5977L		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

38 Methyl acetate, CAS: 79-20-9

Signal: 1

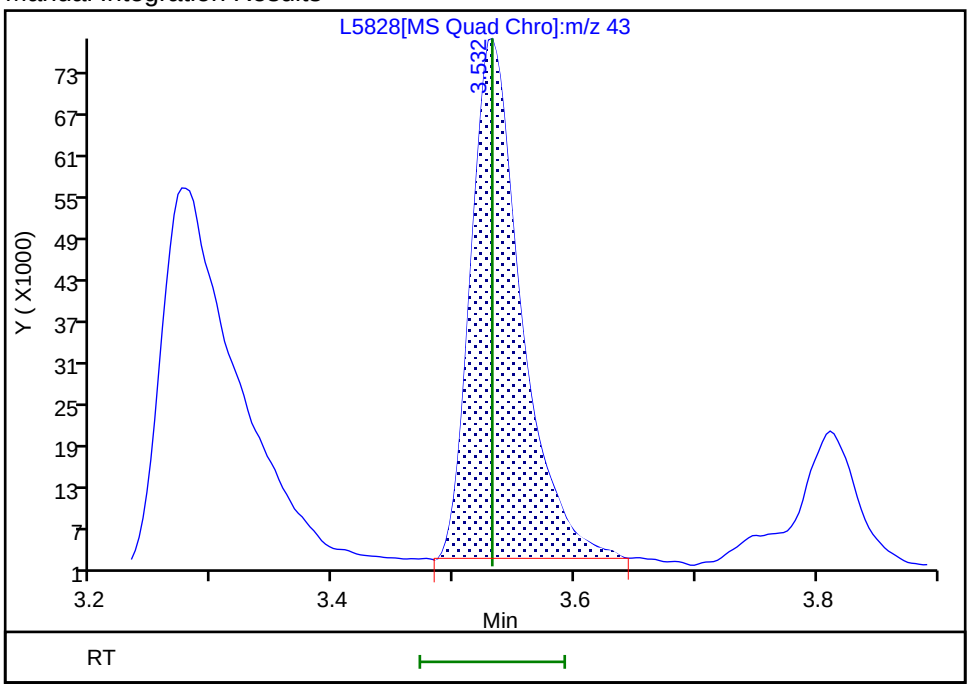
Processing Integration Results

RT: 3.53
Area: 222362
Amount: 18.788825
Amount Units: ug/L



Manual Integration Results

RT: 3.53
Area: 220194
Amount: 18.962120
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:05:45 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

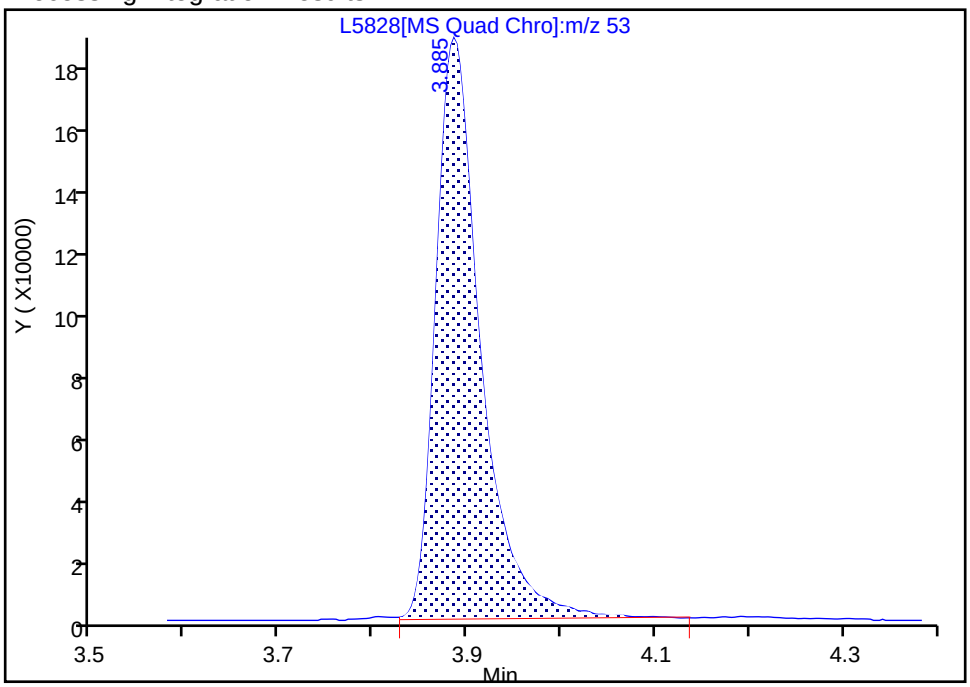
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D				
Injection Date:	22-May-2024 17:57:44	Instrument ID:	HP5977L		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

44 Acrylonitrile, CAS: 107-13-1

Signal: 1

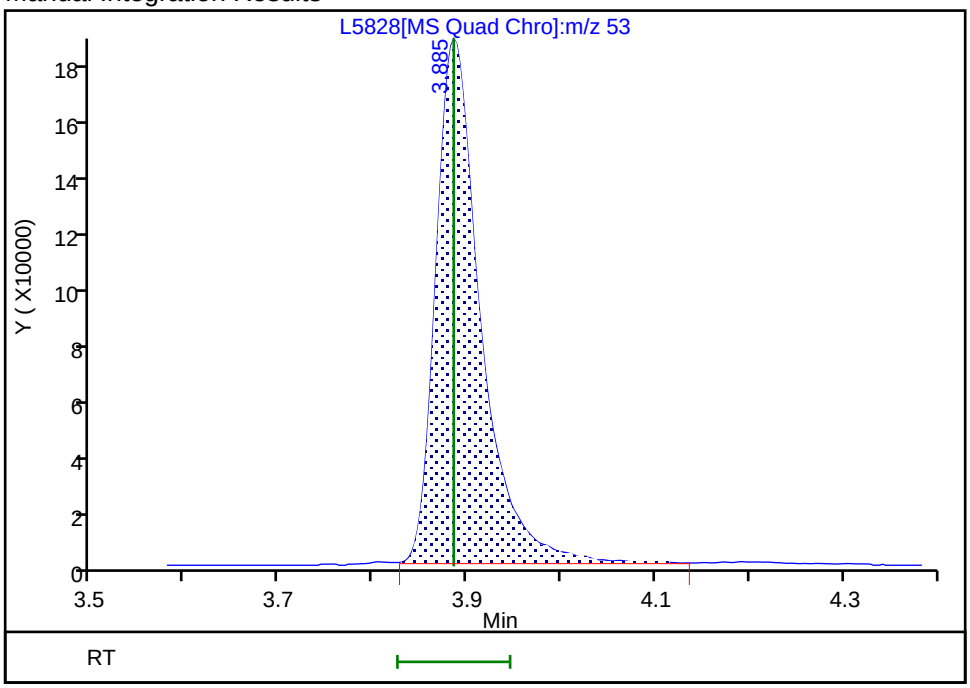
Processing Integration Results

RT: 3.89
Area: 621052
Amount: 101.0371
Amount Units: ug/L



Manual Integration Results

RT: 3.89
Area: 628275
Amount: 102.0623
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:30:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

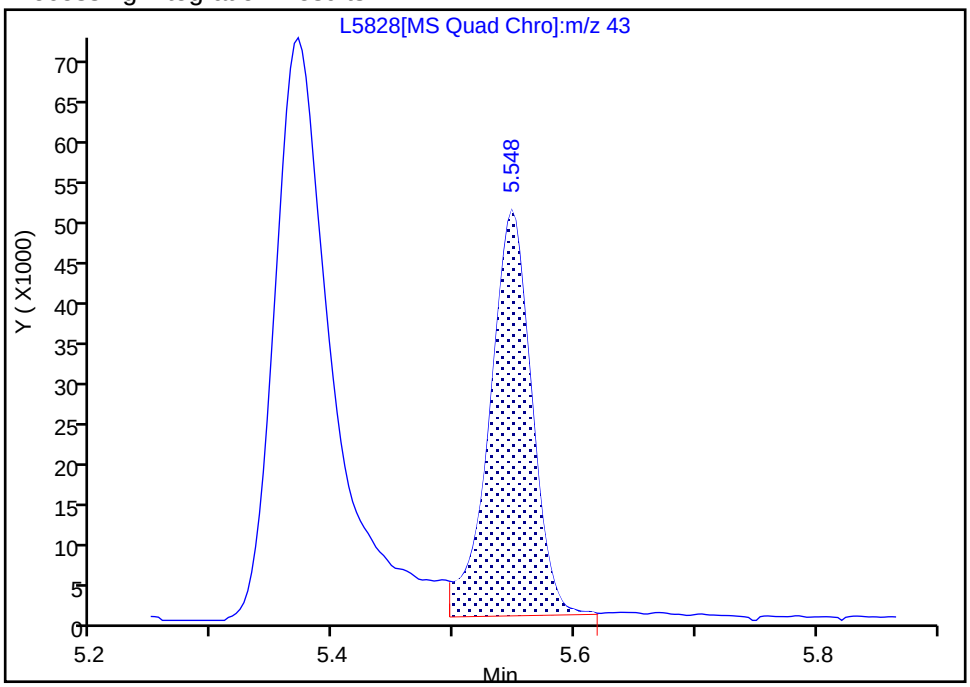
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D				
Injection Date:	22-May-2024 17:57:44	Instrument ID:	HP5977L		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

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

Signal: 1

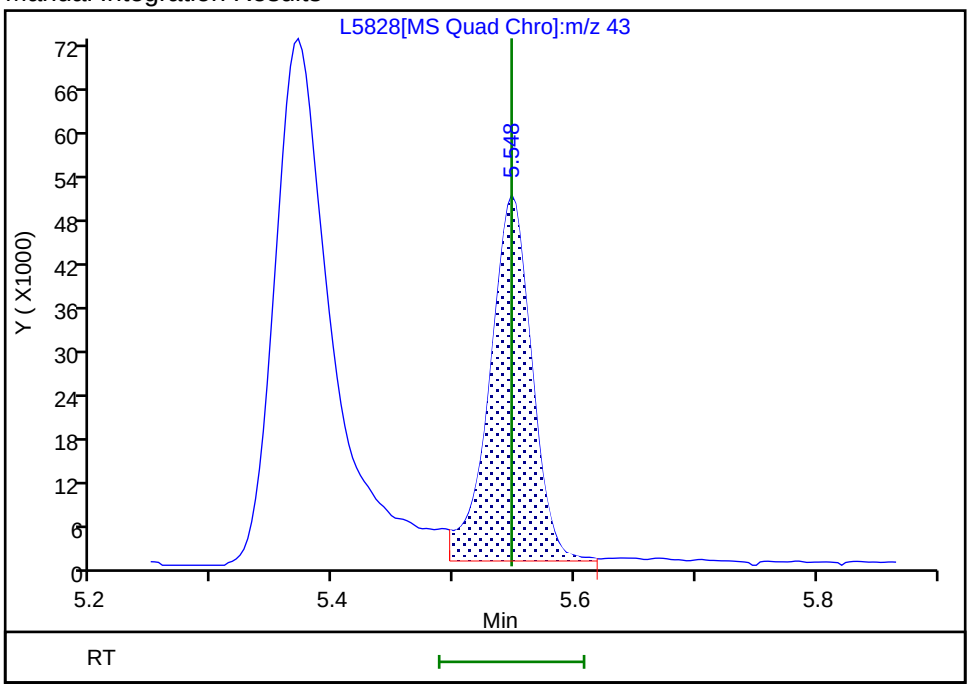
Processing Integration Results

RT: 5.55
Area: 120777
Amount: 10.205368
Amount Units: ug/L



Manual Integration Results

RT: 5.55
Area: 121507
Amount: 10.259141
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:29:38 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

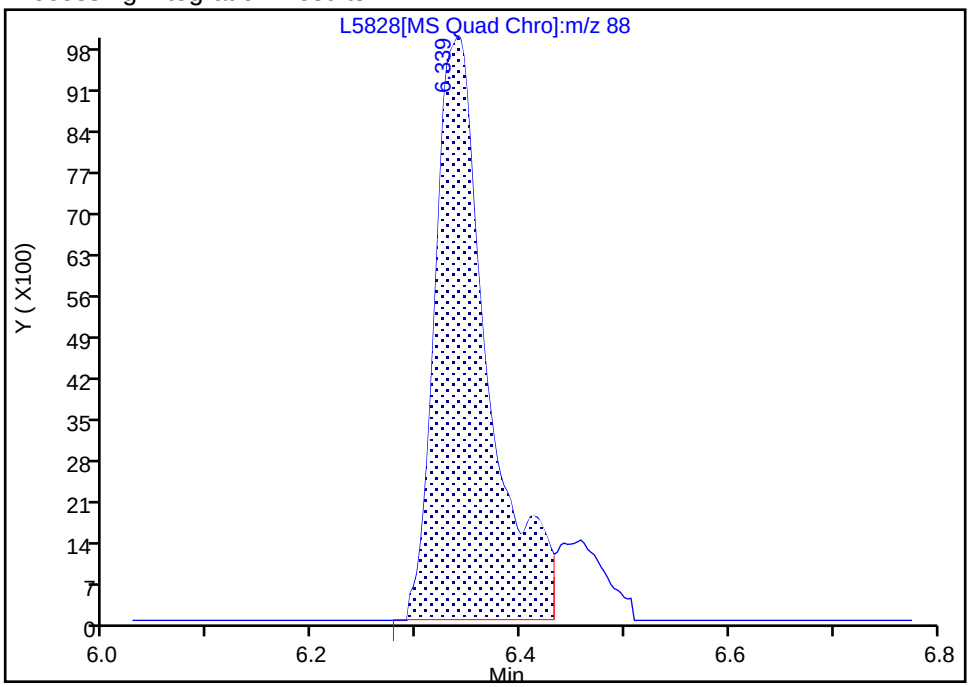
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5828.D				
Injection Date:	22-May-2024 17:57:44	Instrument ID:	HP5977L		
Lims ID:	IC 4				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

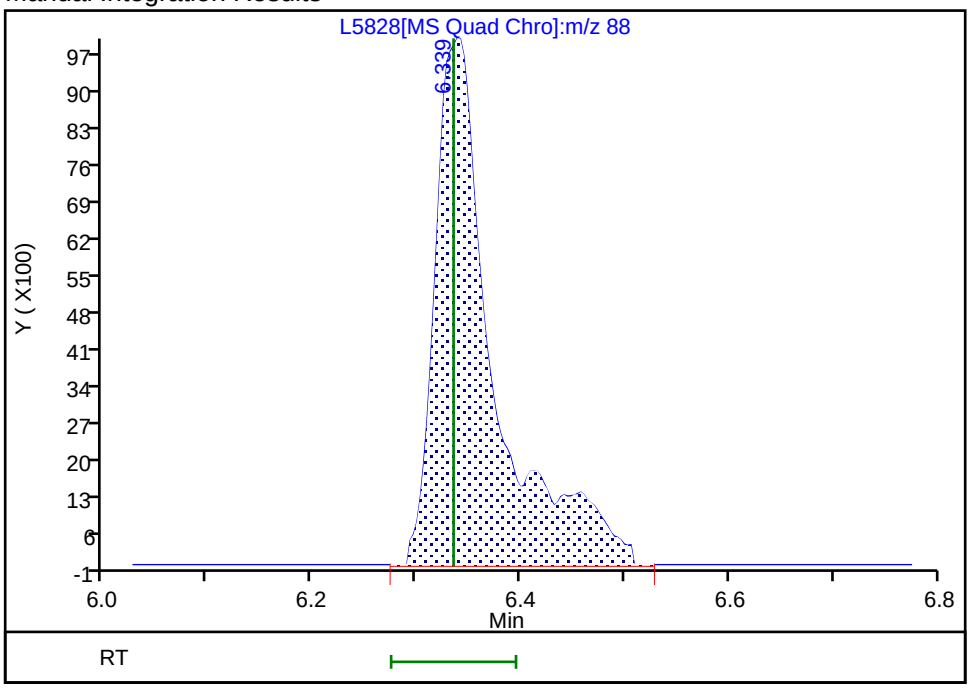
Processing Integration Results

RT: 6.34
Area: 35064
Amount: 189.4805
Amount Units: ug/L



Manual Integration Results

RT: 6.34
Area: 39497
Amount: 208.4571
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:30:41 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5829.D
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 22-May-2024 18:22:48 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0118173-018
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:43:48 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:04:52

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	5.670	5.670	0.000	100	159237	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	662449	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	347161	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	93	211110	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	222884	25.0	25.2	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	93	844260	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	99	258654	25.0	24.9	
10 Dichlorodifluoromethane	85	1.747	1.747	0.000	99	204436	25.0	26.2	
13 Chloromethane	50	1.982	1.982	0.000	99	214824	25.0	24.6	
14 Vinyl chloride	62	2.081	2.081	0.000	97	202292	25.0	25.3	
15 Butadiene	54	2.094	2.094	0.000	93	187393	25.0	24.5	
18 Bromomethane	94	2.438	2.438	0.000	90	129200	25.0	22.8	
19 Chloroethane	64	2.496	2.496	0.000	100	116399	25.0	25.9	
20 Dichlorofluoromethane	67	2.718	2.718	0.000	97	307862	25.0	22.9	
21 Trichlorofluoromethane	101	2.724	2.724	0.000	76	261619	25.0	25.9	
26 Ethyl ether	59	2.953	2.953	0.000	89	190939	25.0	22.7	
28 Acrolein	56	3.139	3.139	0.000	100	156775	125.0	120.9	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.171	3.171	0.000	94	197622	25.0	25.8	
30 1,1-Dichloroethene	96	3.187	3.187	0.000	95	200090	25.0	25.4	
31 Acetone	43	3.277	3.277	0.000	99	628086	125.0	116.9	
33 Iodomethane	142	3.371	3.371	0.000	97	376654	25.0	26.1	
35 Carbon disulfide	76	3.409	3.409	0.000	99	643034	25.0	26.2	
37 3-Chloro-1-propene	41	3.506	3.506	0.000	93	296656	25.0	24.3	
38 Methyl acetate	43	3.532	3.532	0.000	98	594220	50.0	50.8	
39 Methylene Chloride	84	3.638	3.638	0.000	94	251717	25.0	25.1	
40 2-Methyl-2-propanol	59	3.753	3.753	0.000	99	532070	250.0	254.2	
41 Methyl tert-butyl ether	73	3.814	3.814	0.000	96	703545	25.0	24.7	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	96	240348	25.0	25.2	
44 Acrylonitrile	53	3.885	3.885	0.000	99	1536976	250.0	247.7	
47 Hexane	57	3.998	3.998	0.000	89	304436	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
50 1,1-Dichloroethane	63	4.213	4.213	0.000	95	380644	25.0	25.8	
49 Vinyl acetate	43	4.232	4.232	0.000	98	1114251	50.0	51.7	
56 2,2-Dichloropropane	77	4.686	4.686	0.000	87	201479	25.0	24.9	
58 cis-1,2-Dichloroethene	96	4.712	4.712	0.000	77	271084	25.0	25.6	
57 2-Butanone (MEK)	43	4.724	4.724	0.000	99	1061930	125.0	118.3	
60 Chlorobromomethane	128	4.930	4.930	0.000	91	137011	25.0	25.6	
61 Tetrahydrofuran	42	4.949	4.949	0.000	94	277941	50.0	47.1	
62 Chloroform	83	4.978	4.978	0.000	91	384442	25.0	23.6	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	294779	25.0	25.4	
65 Cyclohexane	56	5.123	5.123	0.000	88	356654	25.0	26.5	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	97	297877	25.0	25.5	
66 Carbon tetrachloride	117	5.239	5.239	0.000	97	258247	25.0	26.3	
69 Isobutyl alcohol	43	5.367	5.367	0.000	96	628196	625.0	641.3	
70 Benzene	78	5.435	5.435	0.000	96	938365	25.0	25.3	
72 1,2-Dichloroethane	62	5.490	5.490	0.000	97	288021	25.0	24.5	
73 n-Heptane	43	5.548	5.548	0.000	89	311164	25.0	26.1	
75 Trichloroethene	95	5.988	5.988	0.000	97	239310	25.0	26.1	
76 Methylcyclohexane	83	6.110	6.110	0.000	85	394841	25.0	26.7	
77 1,2-Dichloropropane	63	6.220	6.220	0.000	98	225826	25.0	25.1	
81 1,4-Dioxane	88	6.335	6.335	0.000	92	100545	500.0	525.7	M
82 Dibromomethane	93	6.355	6.355	0.000	95	161538	25.0	25.0	
83 Dichlorobromomethane	83	6.477	6.477	0.000	99	285106	25.0	26.0	
84 2-Chloroethyl vinyl ether	63	6.708	6.708	0.000	92	191242	25.0	25.8	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	375767	25.0	26.8	
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	95	1966762	125.0	121.7	
88 Toluene	92	7.155	7.155	0.000	99	608497	25.0	24.7	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	96	340542	25.0	26.5	
90 Ethyl methacrylate	69	7.409	7.409	0.000	87	391426	25.0	25.7	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	90	197911	25.0	24.5	
94 Tetrachloroethene	166	7.676	7.676	0.000	98	246108	25.0	26.1	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	89	400119	25.0	24.5	
96 2-Hexanone	43	7.789	7.789	0.000	95	1545193	125.0	124.7	
98 Chlorodibromomethane	129	8.001	8.001	0.000	95	237527	25.0	26.5	
101 Ethylene Dibromide	107	8.123	8.123	0.000	99	262041	25.0	25.1	
103 Chlorobenzene	112	8.576	8.576	0.000	97	678230	25.0	24.8	
104 Ethylbenzene	91	8.644	8.644	0.000	98	1093389	25.0	25.1	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	97	222430	25.0	25.7	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	447768	25.0	25.5	
107 o-Xylene	106	9.194	9.194	0.000	96	454035	25.0	25.4	
109 Styrene	104	9.219	9.219	0.000	95	744185	25.0	26.0	
110 Bromoform	173	9.490	9.490	0.000	96	174589	25.0	26.2	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	1104642	25.0	25.9	
113 Bromobenzene	156	9.959	9.959	0.000	91	286881	25.0	24.8	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.975	0.000	95	394095	25.0	24.9	
114 N-Propylbenzene	91	10.010	10.010	0.000	99	1313372	25.0	25.6	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	74	102429	25.0	28.0	
116 1,2,3-Trichloropropane	110	10.027	10.027	0.000	85	126477	25.0	24.9	
117 2-Chlorotoluene	126	10.139	10.139	0.000	98	271261	25.0	25.2	
118 1,3,5-Trimethylbenzene	105	10.187	10.187	0.000	94	930767	25.0	25.6	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	792646	25.0	24.8	
120 tert-Butylbenzene	134	10.518	10.518	0.000	91	214618	25.0	24.9	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	975884	25.0	25.7	

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	10.731	10.731	0.000	93	1218613	25.0	25.9	
123 4-Isopropyltoluene	119	10.863	10.863	0.000	97	1041392	25.0	26.2	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	542717	25.0	24.6	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	95	555421	25.0	24.5	
127 n-Butylbenzene	91	11.248	11.248	0.000	97	953677	25.0	25.9	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	545567	25.0	24.7	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	90	84795	25.0	27.5	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	94	403187	25.0	24.5	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	159355	25.0	24.8	
132 Naphthalene	128	12.869	12.869	0.000	96	1402018	25.0	24.5	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	96	390004	25.0	24.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00255	Amount Added: 12.50	Units: uL	
GAS CORP mix_00619	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:43:49 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5829.D

Injection Date: 22-May-2024 18:22:48 Instrument ID: HP5977L

Lims ID: ICIS 5

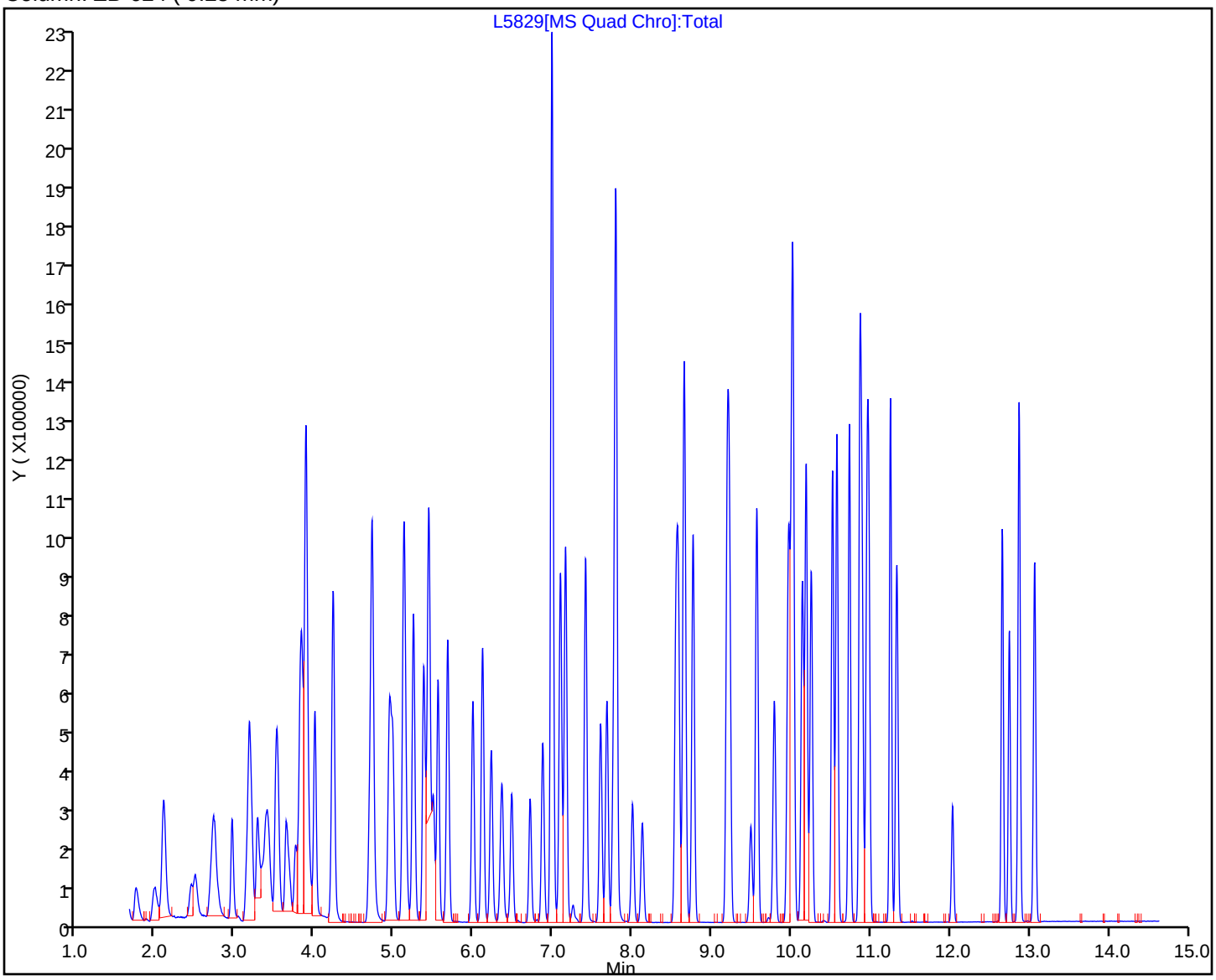
Client ID:

Operator ID: ZN 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

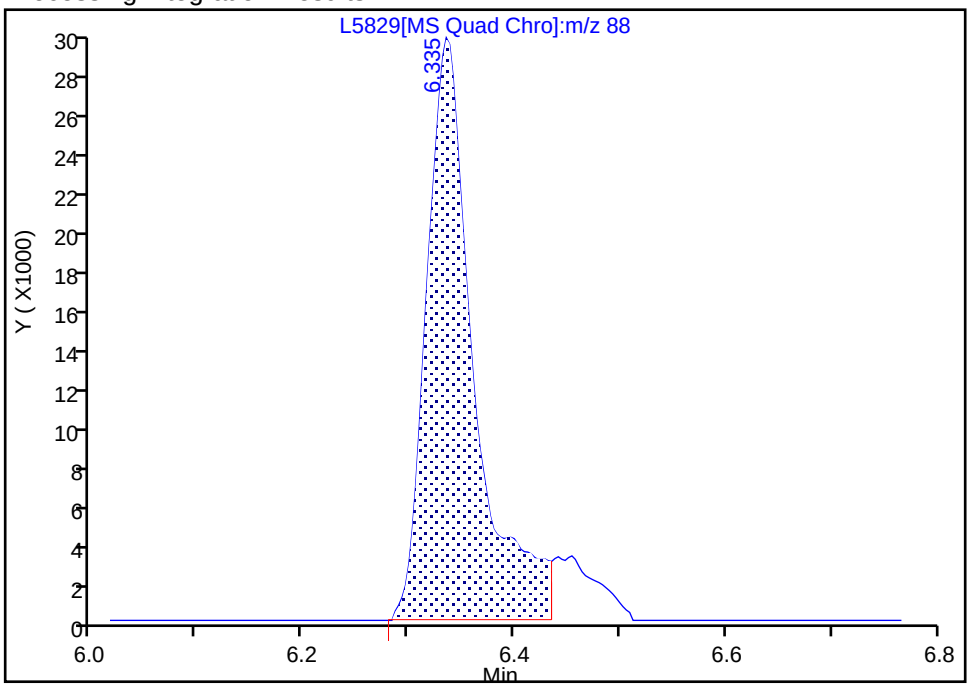
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5829.D				
Injection Date:	22-May-2024 18:22:48	Instrument ID:	HP5977L		
Lims ID:	ICIS 5				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

81 1,4-Dioxane, CAS: 123-91-1

Signal: 1

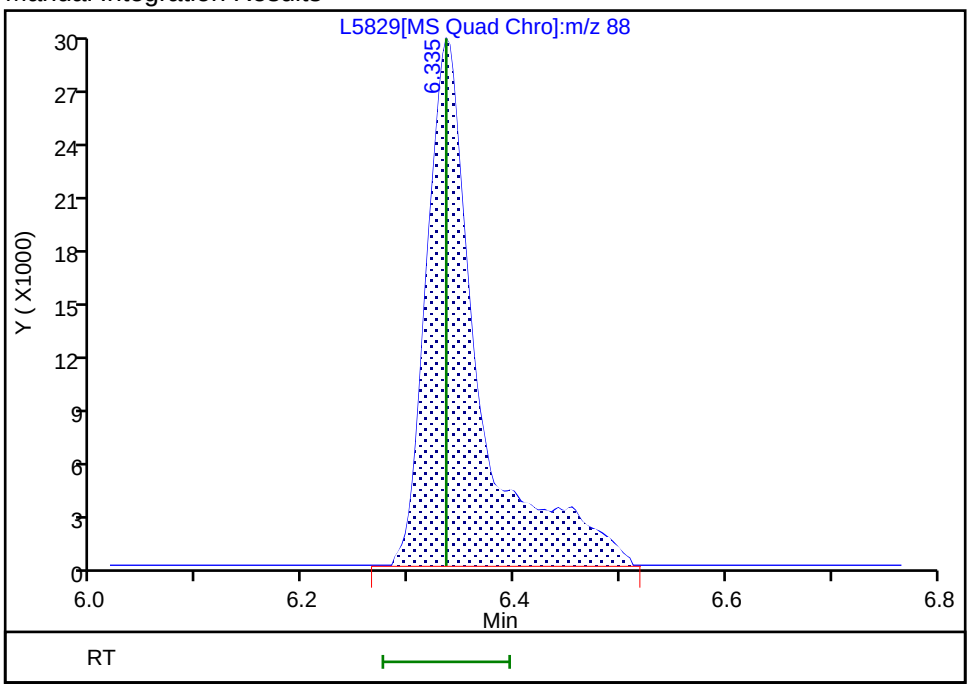
Processing Integration Results

RT: 6.34
Area: 91457
Amount: 491.1647
Amount Units: ug/L



Manual Integration Results

RT: 6.34
Area: 100545
Amount: 525.6615
Amount Units: ug/L



Reviewer: QR3Z, 23-May-2024 08:32:44 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5830.D
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-May-2024 18:47:46 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0118173-019
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:44:07 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:21:25

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	5.669	5.670	-0.001	99	162081	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	83	667953	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.952	10.953	-0.001	94	340964	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.126	5.123	0.003	84	213125	25.0	25.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	224869	25.0	25.0	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	855233	25.0	24.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	0.000	99	256800	25.0	24.5	
10 Dichlorodifluoromethane	85	1.744	1.747	-0.003	99	387808	50.0	48.7	
13 Chloromethane	50	1.978	1.982	-0.004	100	425382	50.0	47.9	
14 Vinyl chloride	62	2.081	2.081	0.000	98	412334	50.0	50.4	
15 Butadiene	54	2.091	2.094	-0.003	92	370488	50.0	47.6	
18 Bromomethane	94	2.441	2.438	0.003	92	272083	50.0	47.2	
19 Chloroethane	64	2.496	2.496	0.000	100	232217	50.0	50.7	
20 Dichlorofluoromethane	67	2.711	2.718	-0.007	98	613887	50.0	44.8	
21 Trichlorofluoromethane	101	2.724	2.724	0.000	95	516313	50.0	50.1	
26 Ethyl ether	59	2.952	2.953	-0.001	90	382926	50.0	44.8	
28 Acrolein	56	3.136	3.139	-0.003	100	312761	250.0	236.9	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.168	3.171	-0.003	95	385844	50.0	49.2	
30 1,1-Dichloroethene	96	3.174	3.187	-0.013	98	413168	50.0	51.6	
31 Acetone	43	3.274	3.277	-0.003	99	1228785	250.0	224.7	
33 Iodomethane	142	3.367	3.371	-0.004	97	772355	50.0	52.5	
35 Carbon disulfide	76	3.403	3.409	-0.006	99	1362827	50.0	54.5	
37 3-Chloro-1-propene	41	3.506	3.506	0.000	93	629533	50.0	50.6	
38 Methyl acetate	43	3.528	3.532	-0.004	97	1215285	100.0	102.0	
39 Methylene Chloride	84	3.637	3.638	-0.001	90	506917	50.0	50.0	
40 2-Methyl-2-propanol	59	3.753	3.753	0.000	100	1033907	500.0	485.3	
41 Methyl tert-butyl ether	73	3.814	3.814	0.000	96	1422766	50.0	49.0	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	96	496469	50.0	51.2	
44 Acrylonitrile	53	3.882	3.885	-0.003	99	3059395	500.0	484.5	
47 Hexane	57	3.997	3.998	-0.001	89	587515	50.0	50.0	

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	4.216	4.213	0.003	96	787568	50.0	52.4	
49 Vinyl acetate	43	4.229	4.232	-0.003	97	2321181	100.0	105.9	
56 2,2-Dichloropropane	77	4.686	4.686	0.000	86	418342	50.0	50.8	
58 cis-1,2-Dichloroethene	96	4.711	4.712	-0.001	81	556008	50.0	51.5	
57 2-Butanone (MEK)	43	4.721	4.724	-0.003	100	2133653	250.0	233.6	
60 Chlorobromomethane	128	4.930	4.930	0.000	92	281507	50.0	51.7	
61 Tetrahydrofuran	42	4.946	4.949	-0.003	87	548105	100.0	91.2	
62 Chloroform	83	4.978	4.978	0.000	93	783633	50.0	47.3	
64 1,1,1-Trichloroethane	97	5.110	5.107	0.003	98	621234	50.0	52.7	
65 Cyclohexane	56	5.126	5.123	0.003	88	699725	50.0	51.1	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	97	608070	50.0	51.2	
66 Carbon tetrachloride	117	5.239	5.239	0.000	95	520314	50.0	52.0	
69 Isobutyl alcohol	43	5.367	5.367	0.000	96	1256914	1250.0	1260.6	
70 Benzene	78	5.435	5.435	0.000	96	1896531	50.0	50.2	
72 1,2-Dichloroethane	62	5.489	5.490	-0.001	97	586413	50.0	49.0	
73 n-Heptane	43	5.547	5.548	-0.001	89	601366	50.0	49.5	
75 Trichloroethene	95	5.988	5.988	0.000	97	495437	50.0	53.0	
76 Methylcyclohexane	83	6.110	6.110	0.000	86	761673	50.0	50.7	
77 1,2-Dichloropropane	63	6.216	6.220	-0.004	97	468297	50.0	51.2	
81 1,4-Dioxane	88	6.338	6.335	0.003	92	191633	1000.0	993.6	
82 Dibromomethane	93	6.354	6.355	-0.001	96	330553	50.0	50.3	
83 Dichlorobromomethane	83	6.477	6.477	-0.001	100	592582	50.0	53.0	
84 2-Chloroethyl vinyl ether	63	6.708	6.708	0.000	92	400737	50.0	53.2	
85 cis-1,3-Dichloropropene	75	6.869	6.866	0.003	97	788742	50.0	55.2	
87 4-Methyl-2-pentanone (MIBK)	43	6.985	6.985	0.000	96	3827934	250.0	234.8	
88 Toluene	92	7.155	7.155	0.000	99	1233905	50.0	49.6	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	97	726978	50.0	56.1	
90 Ethyl methacrylate	69	7.412	7.409	0.003	87	775199	50.0	50.5	
93 1,1,2-Trichloroethane	83	7.595	7.596	-0.001	90	404759	50.0	49.8	
94 Tetrachloroethene	166	7.676	7.676	0.000	99	501569	50.0	52.7	
95 1,3-Dichloropropane	76	7.759	7.760	-0.001	96	810698	50.0	49.2	
96 2-Hexanone	43	7.788	7.789	-0.001	95	2868293	250.0	229.5	
98 Chlorodibromomethane	129	8.001	8.001	0.000	91	497766	50.0	55.0	
101 Ethylene Dibromide	107	8.123	8.123	0.000	98	538340	50.0	51.2	
103 Chlorobenzene	112	8.576	8.576	0.000	97	1384348	50.0	50.1	
104 Ethylbenzene	91	8.647	8.644	0.003	98	2226440	50.0	50.7	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	97	458516	50.0	52.6	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	911264	50.0	51.5	
107 o-Xylene	106	9.193	9.194	-0.001	96	911507	50.0	50.6	
109 Styrene	104	9.219	9.219	0.000	95	1498069	50.0	51.9	
110 Bromoform	173	9.489	9.490	-0.001	96	379523	50.0	56.6	
111 Isopropylbenzene	105	9.563	9.564	-0.001	95	2251409	50.0	53.7	
113 Bromobenzene	156	9.959	9.959	0.000	91	575489	50.0	50.7	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.975	0.000	95	785471	50.0	50.6	
114 N-Propylbenzene	91	10.010	10.010	0.000	99	2666512	50.0	52.8	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	74	207161	50.0	57.6	
116 1,2,3-Trichloropropane	110	10.026	10.027	-0.001	85	248316	50.0	49.7	
117 2-Chlorotoluene	126	10.139	10.139	0.000	98	548116	50.0	51.9	
118 1,3,5-Trimethylbenzene	105	10.187	10.187	0.000	94	1877682	50.0	52.7	
119 4-Chlorotoluene	91	10.251	10.248	0.003	97	1579043	50.0	50.2	
120 tert-Butylbenzene	134	10.518	10.518	0.000	91	446173	50.0	52.7	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	97	1969546	50.0	52.8	

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	10.730	10.731	-0.001	93	2488843	50.0	53.9	
123 4-Isopropyltoluene	119	10.862	10.863	0.000	97	2096247	50.0	53.8	
124 1,3-Dichlorobenzene	146	10.891	10.888	0.003	98	1078496	50.0	49.9	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	96	1097050	50.0	49.4	
127 n-Butylbenzene	91	11.248	11.248	0.000	97	1899934	50.0	52.6	
128 1,2-Dichlorobenzene	146	11.328	11.329	-0.001	98	1072427	50.0	49.5	
129 1,2-Dibromo-3-Chloropropane	75	12.029	12.030	-0.001	96	169251	50.0	55.8	
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	94	796047	50.0	49.3	
131 Hexachlorobutadiene	225	12.746	12.747	-0.001	99	323677	50.0	51.2	
132 Naphthalene	128	12.869	12.869	0.000	97	2805009	50.0	50.0	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	96	785997	50.0	49.3	
S 144 1,3-Dichloropropene, Total	1				0			111.3	
S 143 Xylenes, Total	1				0			102.1	
S 142 Total BTEX	1				0			252.6	
S 141 1,2-Dichloroethene, Total	1				0			102.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00255	Amount Added: 25.00	Units: uL	
GAS CORP mix_00619	Amount Added: 25.00	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:44:08 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5830.D

Injection Date: 22-May-2024 18:47:46 Instrument ID: HP5977L

Lims ID: IC 6

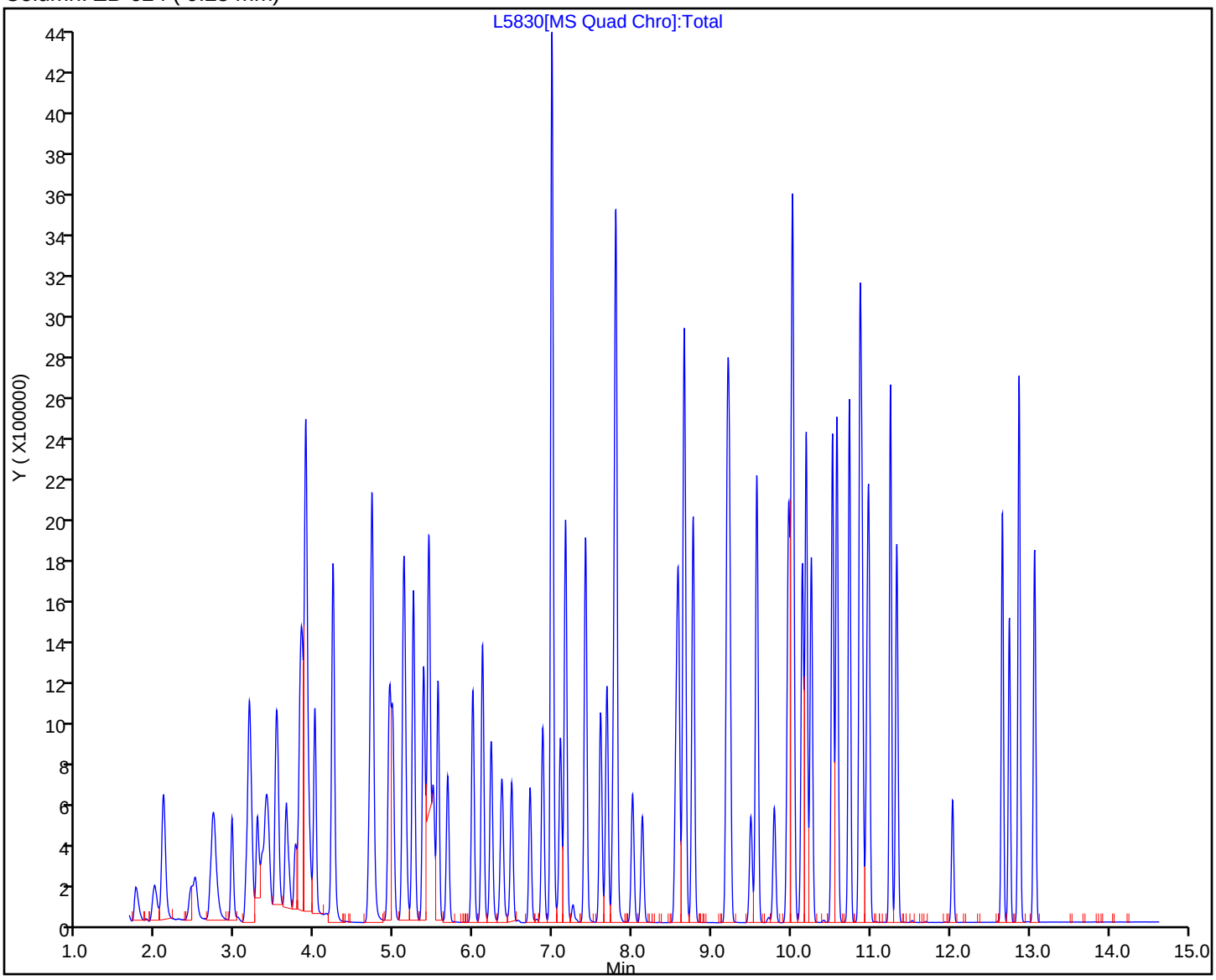
Client ID:

Operator ID: ZN 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
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5831.D
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-May-2024 19:13:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0118173-020
Operator ID: ZN Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:44:29 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 08:22:39

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	5.670	5.670	0.000	99	163662	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	670571	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	332306	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	94	211210	25.0	24.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.422	-0.003	91	223074	25.0	24.5	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	93	847107	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.786	9.785	0.001	99	256768	25.0	24.4	
10 Dichlorodifluoromethane	85	1.741	1.747	-0.006	99	801146	100.0	99.4	
13 Chloromethane	50	1.975	1.982	-0.007	99	829695	100.0	92.6	
14 Vinyl chloride	62	2.078	2.081	-0.003	99	813612	100.0	98.4	
15 Butadiene	54	2.094	2.094	0.000	94	713072	100.0	90.7	
18 Bromomethane	94	2.442	2.438	0.004	91	465175	100.0	79.9	
19 Chloroethane	64	2.493	2.496	-0.003	100	407975	100.0	88.2	
20 Dichlorofluoromethane	67	2.718	2.718	0.000	98	1206938	100.0	87.3	
21 Trichlorofluoromethane	101	2.725	2.724	0.001	96	1043011	100.0	100.3	
26 Ethyl ether	59	2.950	2.953	-0.003	94	770067	100.0	89.2	
28 Acrolein	56	3.130	3.139	-0.009	100	668609	500.0	501.6	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.168	3.171	-0.003	94	795852	100.0	100.2	
30 1,1-Dichloroethene	96	3.194	3.187	0.007	96	847387	100.0	104.8	
31 Acetone	43	3.271	3.277	-0.006	99	2688966	500.0	486.9	
33 Iodomethane	142	3.368	3.371	-0.003	97	1552217	100.0	104.6	
35 Carbon disulfide	76	3.413	3.409	0.004	99	2622374	100.0	103.9	
37 3-Chloro-1-propene	41	3.503	3.506	-0.003	92	1293506	100.0	102.9	
38 Methyl acetate	43	3.529	3.532	-0.004	97	2373720	200.0	197.3	
39 Methylene Chloride	84	3.657	3.638	0.019	88	1015407	100.0	99.6	
40 2-Methyl-2-propanol	59	3.750	3.753	-0.003	100	2372252	1000.0	1102.6	
41 Methyl tert-butyl ether	73	3.811	3.814	-0.003	93	2876598	100.0	98.1	
42 trans-1,2-Dichloroethene	96	3.837	3.840	-0.003	98	993110	100.0	101.4	
44 Acrylonitrile	53	3.879	3.885	-0.006	99	5917225	1000.0	928.0	
47 Hexane	57	3.995	3.998	-0.003	89	1204804	100.0	101.4	

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	4.213	4.213	0.000	96	1565860	100.0	103.1	
49 Vinyl acetate	43	4.229	4.232	-0.003	97	4656507	200.0	210.4	
56 2,2-Dichloropropane	77	4.683	4.686	-0.003	85	800160	100.0	96.3	
58 cis-1,2-Dichloroethene	96	4.709	4.712	-0.003	83	1089456	100.0	100.0	
57 2-Butanone (MEK)	43	4.721	4.724	-0.003	98	4319443	500.0	468.3	
60 Chlorobromomethane	128	4.927	4.930	-0.003	92	559677	100.0	101.7	
61 Tetrahydrofuran	42	4.943	4.949	-0.006	86	1126881	200.0	185.8	
62 Chloroform	83	4.975	4.978	-0.003	93	1560312	100.0	93.3	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	1264561	100.0	106.2	
65 Cyclohexane	56	5.123	5.123	0.000	88	1411806	100.0	102.2	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	98	1220110	100.0	101.7	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	98	1087294	100.0	107.6	
69 Isobutyl alcohol	43	5.364	5.367	-0.003	95	2828031	2500.0	2808.8	
70 Benzene	78	5.435	5.435	0.000	95	3756960	100.0	98.5	
72 1,2-Dichloroethane	62	5.487	5.490	-0.003	97	1169059	100.0	96.8	
73 n-Heptane	43	5.548	5.548	0.000	89	1126086	100.0	91.8	
75 Trichloroethene	95	5.985	5.988	-0.003	97	988020	100.0	104.8	
76 Methylcyclohexane	83	6.107	6.110	-0.003	86	1577338	100.0	103.9	
77 1,2-Dichloropropane	63	6.217	6.220	-0.003	97	927723	100.0	100.5	
81 1,4-Dioxane	88	6.332	6.335	-0.003	91	431593	2000.0	2229.1	
82 Dibromomethane	93	6.352	6.355	-0.003	96	664415	100.0	100.1	
83 Dichlorobromomethane	83	6.474	6.477	-0.003	100	1215877	100.0	107.8	
84 2-Chloroethyl vinyl ether	63	6.708	6.708	0.000	92	753985	100.0	99.0	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	1610854	100.0	111.6	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.985	-0.003	96	7375704	500.0	450.7	
88 Toluene	92	7.155	7.155	0.000	99	2447589	100.0	98.0	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	96	1472613	100.0	113.2	
90 Ethyl methacrylate	69	7.409	7.409	0.000	87	1551759	100.0	100.8	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	90	811716	100.0	99.4	
94 Tetrachloroethene	166	7.676	7.676	0.000	99	1010619	100.0	105.7	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	88	1609951	100.0	97.2	
96 2-Hexanone	43	7.789	7.789	0.000	95	5651809	500.0	450.5	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	90	1023262	100.0	112.7	
101 Ethylene Dibromide	107	8.123	8.123	0.000	99	1070594	100.0	101.4	
103 Chlorobenzene	112	8.577	8.576	0.001	96	2746041	100.0	99.1	
104 Ethylbenzene	91	8.647	8.644	0.003	98	4354704	100.0	98.8	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	98	909865	100.0	103.9	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	1779466	100.0	100.2	
107 o-Xylene	106	9.191	9.194	-0.003	96	1782980	100.0	98.6	
109 Styrene	104	9.220	9.219	0.001	95	2927323	100.0	101.0	
110 Bromoform	173	9.490	9.490	0.000	96	794366	100.0	117.9	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	4433659	100.0	108.5	
113 Bromobenzene	156	9.959	9.959	0.000	92	1129826	100.0	102.0	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.975	0.000	96	1541897	100.0	101.8	
114 N-Propylbenzene	91	10.011	10.010	0.001	99	5057489	100.0	102.8	
115 trans-1,4-Dichloro-2-butene	53	10.024	10.023	0.001	76	431009	100.0	122.9	
116 1,2,3-Trichloropropane	110	10.027	10.027	0.000	85	484030	100.0	99.4	
117 2-Chlorotoluene	126	10.139	10.139	0.000	97	1060561	100.0	103.0	
118 1,3,5-Trimethylbenzene	105	10.188	10.187	0.001	94	3642104	100.0	104.8	
119 4-Chlorotoluene	91	10.252	10.248	0.004	97	3086717	100.0	100.7	
120 tert-Butylbenzene	134	10.519	10.518	0.001	92	866621	100.0	105.0	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	97	3790842	100.0	104.2	

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	10.731	10.731	0.000	94	4827060	100.0	107.2	
123 4-Isopropyltoluene	119	10.863	10.863	0.001	97	3997655	100.0	105.2	
124 1,3-Dichlorobenzene	146	10.892	10.888	0.004	98	2021571	100.0	95.9	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	95	2102270	100.0	97.0	
127 n-Butylbenzene	91	11.249	11.248	0.001	97	3671397	100.0	104.3	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	2062372	100.0	97.6	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	91	354945	100.0	120.1	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	94	1476969	100.0	93.9	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	607195	100.0	98.6	
132 Naphthalene	128	12.869	12.869	0.000	97	5302422	100.0	96.9	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	96	1461559	100.0	94.1	
S 144 1,3-Dichloropropene, Total	1				0			224.8	
S 143 Xylenes, Total	1				0			198.8	
S 142 Total BTEX	1				0			494.1	
S 141 1,2-Dichloroethene, Total	1				0			201.4	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00255	Amount Added: 50.00	Units: uL	
GAS CORP mix_00619	Amount Added: 50.00	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:44:30 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5831.D

Injection Date: 22-May-2024 19:13:07 Instrument ID: HP5977L

Lims ID: IC 7

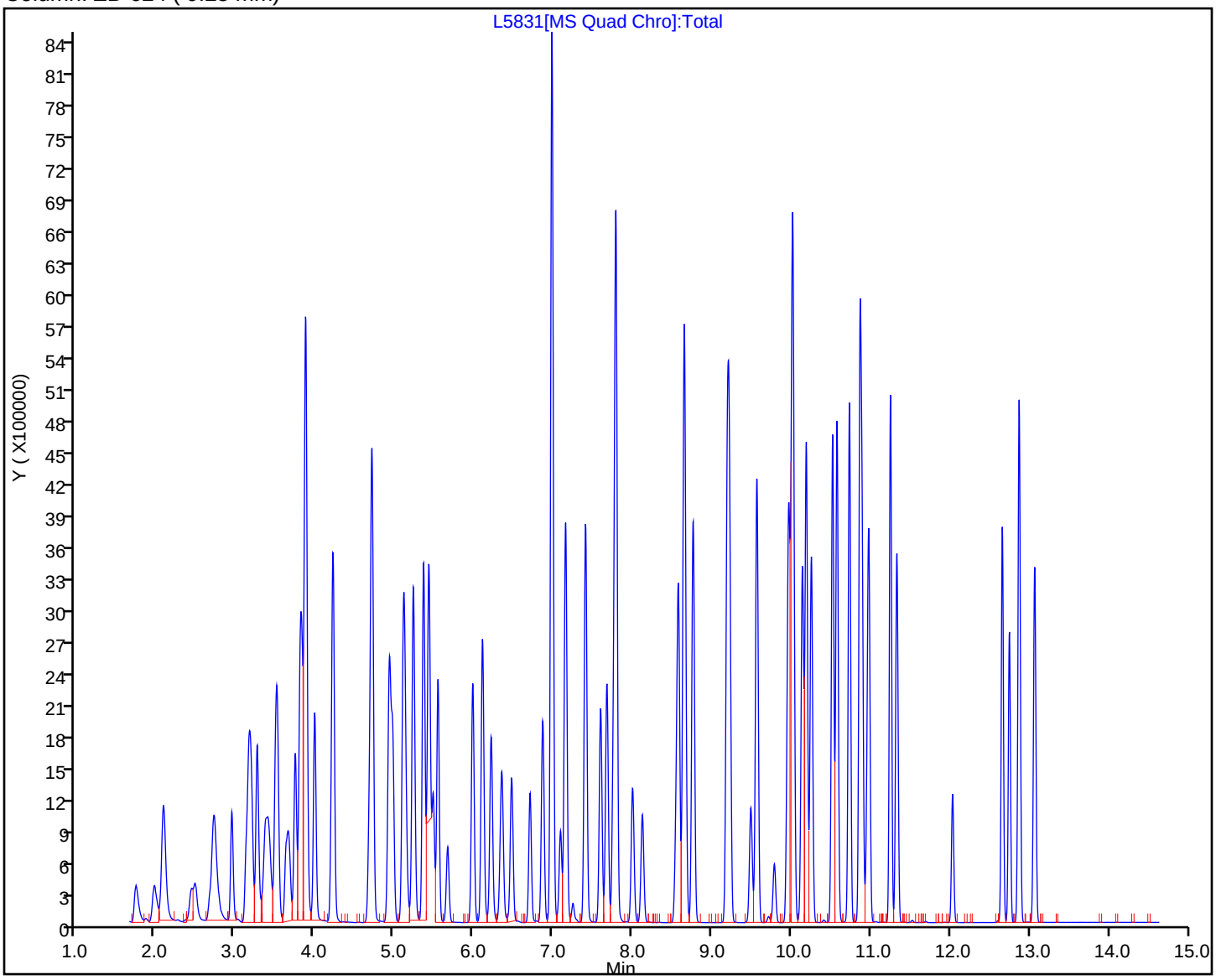
Client ID:

Operator ID: ZN 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)



Calibration / Dichlorodifluoromethane

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

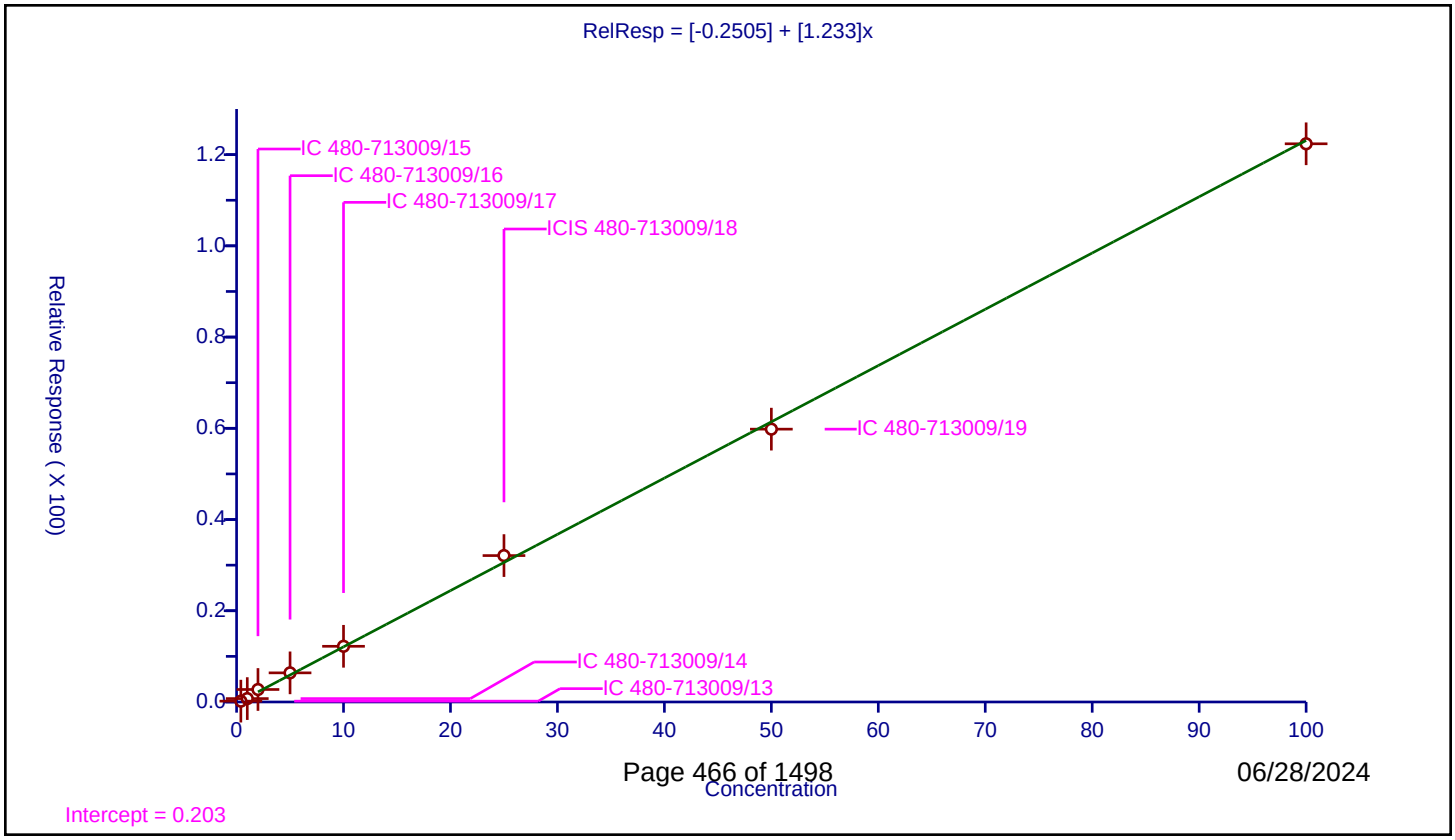
Curve Coefficients

Intercept:	-0.2505
Slope:	1.233

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.183093	25.0	158253.0	0.457732	Y
2	IC 480-713009/14	1.0	0.744676	25.0	154396.0	0.744676	Y
3	IC 480-713009/15	2.0	2.736003	25.0	154733.0	1.368002	Y
4	IC 480-713009/16	5.0	6.388917	25.0	159808.0	1.277783	Y
5	IC 480-713009/17	10.0	12.210447	25.0	158002.0	1.221045	Y
6	ICIS 480-713009/18	25.0	32.096184	25.0	159237.0	1.283847	Y
7	IC 480-713009/19	50.0	59.817005	25.0	162081.0	1.19634	Y
8	IC 480-713009/20	100.0	122.378133	25.0	163662.0	1.223781	Y



Calibration / Chloromethane

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

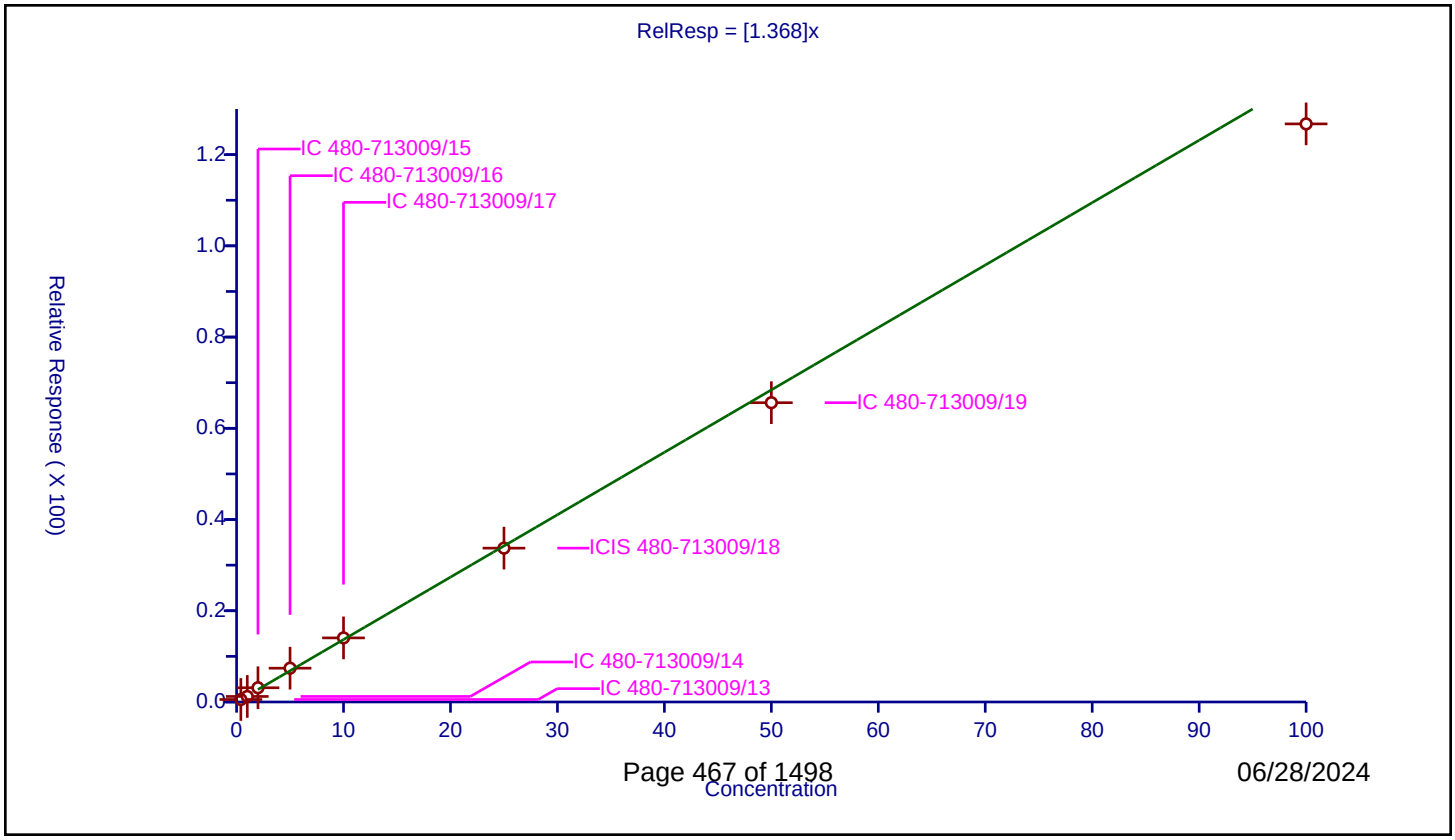
Curve Coefficients

Intercept:	0
Slope:	1.368

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.544223	25.0	158253.0	1.360559	Y
2	IC 480-713009/14	1.0	1.211171	25.0	154396.0	1.211171	Y
3	IC 480-713009/15	2.0	3.118436	25.0	154733.0	1.559218	Y
4	IC 480-713009/16	5.0	7.410768	25.0	159808.0	1.482154	Y
5	IC 480-713009/17	10.0	14.053145	25.0	158002.0	1.405314	Y
6	ICIS 480-713009/18	25.0	33.727086	25.0	159237.0	1.349083	Y
7	IC 480-713009/19	50.0	65.612564	25.0	162081.0	1.312251	Y
8	IC 480-713009/20	100.0	126.739103	25.0	163662.0	1.267391	Y



Calibration / Vinyl chloride

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

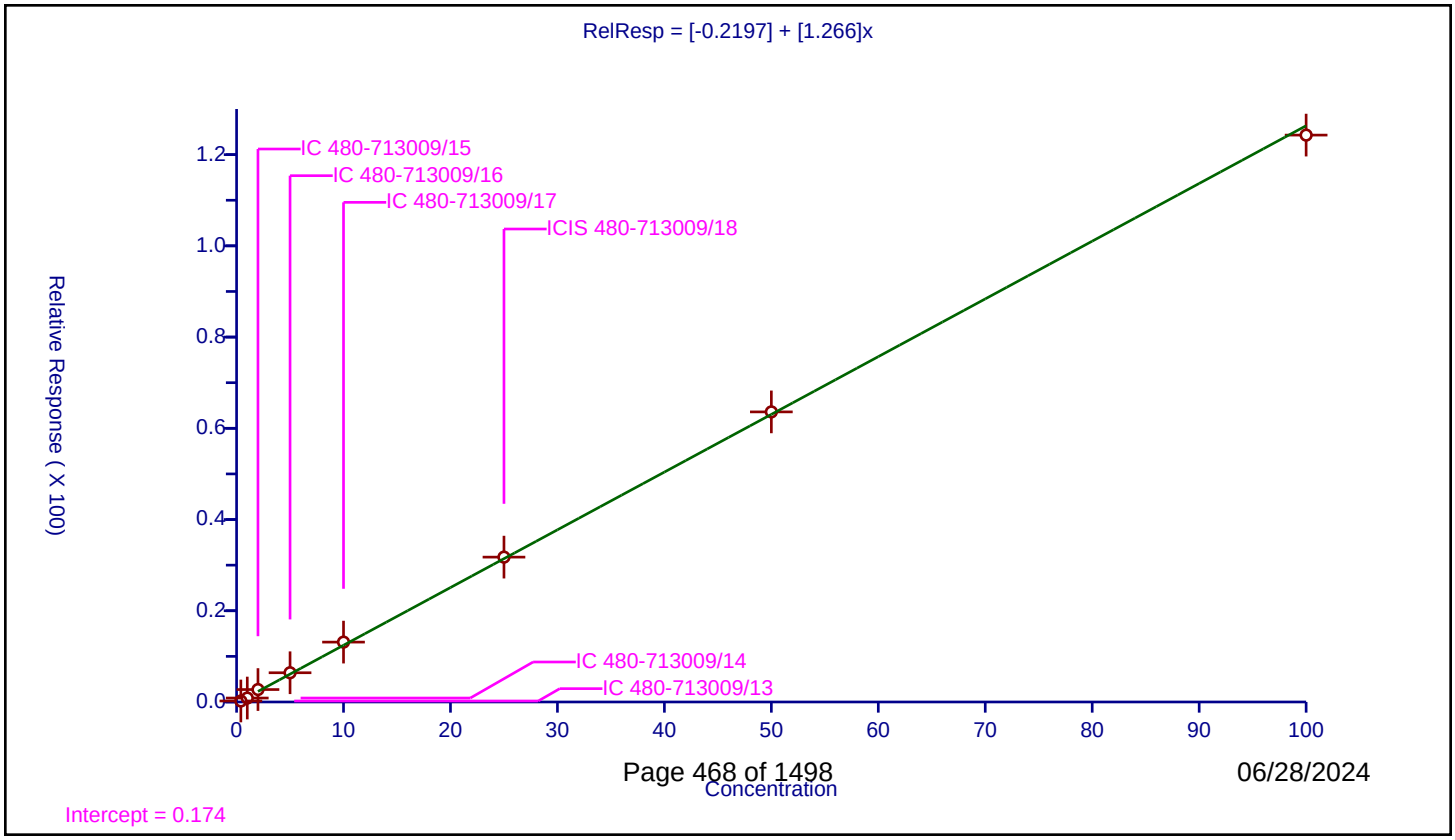
Curve Coefficients

Intercept:	-0.2197
Slope:	1.266

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.219901	25.0	158253.0	0.549753	Y
2	IC 480-713009/14	1.0	0.870651	25.0	154396.0	0.870651	Y
3	IC 480-713009/15	2.0	2.727925	25.0	154733.0	1.363962	Y
4	IC 480-713009/16	5.0	6.408628	25.0	159808.0	1.281726	Y
5	IC 480-713009/17	10.0	13.127998	25.0	158002.0	1.3128	Y
6	ICIS 480-713009/18	25.0	31.759578	25.0	159237.0	1.270383	Y
7	IC 480-713009/19	50.0	63.59999	25.0	162081.0	1.272	Y
8	IC 480-713009/20	100.0	124.282362	25.0	163662.0	1.242824	Y



Calibration / Butadiene

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

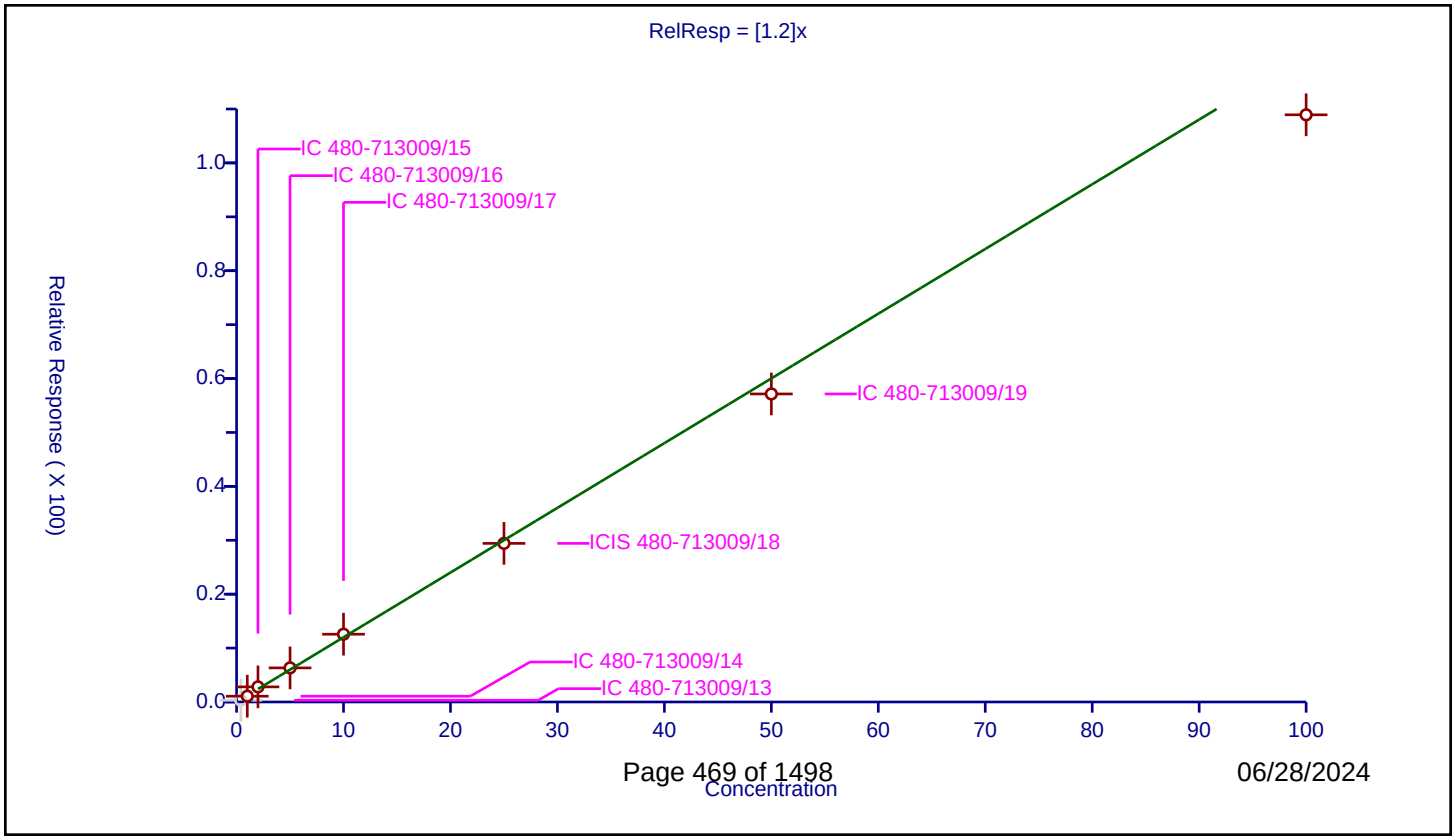
Curve Coefficients

Intercept:	0
Slope:	1.2

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.322269	25.0	158253.0	0.805672	N
2	IC 480-713009/14	1.0	1.069004	25.0	154396.0	1.069004	Y
3	IC 480-713009/15	2.0	2.80467	25.0	154733.0	1.402335	Y
4	IC 480-713009/16	5.0	6.326811	25.0	159808.0	1.265362	Y
5	IC 480-713009/17	10.0	12.573575	25.0	158002.0	1.257358	Y
6	ICIS 480-713009/18	25.0	29.420455	25.0	159237.0	1.176818	Y
7	IC 480-713009/19	50.0	57.145501	25.0	162081.0	1.14291	Y
8	IC 480-713009/20	100.0	108.924491	25.0	163662.0	1.089245	Y



Calibration / Bromomethane

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

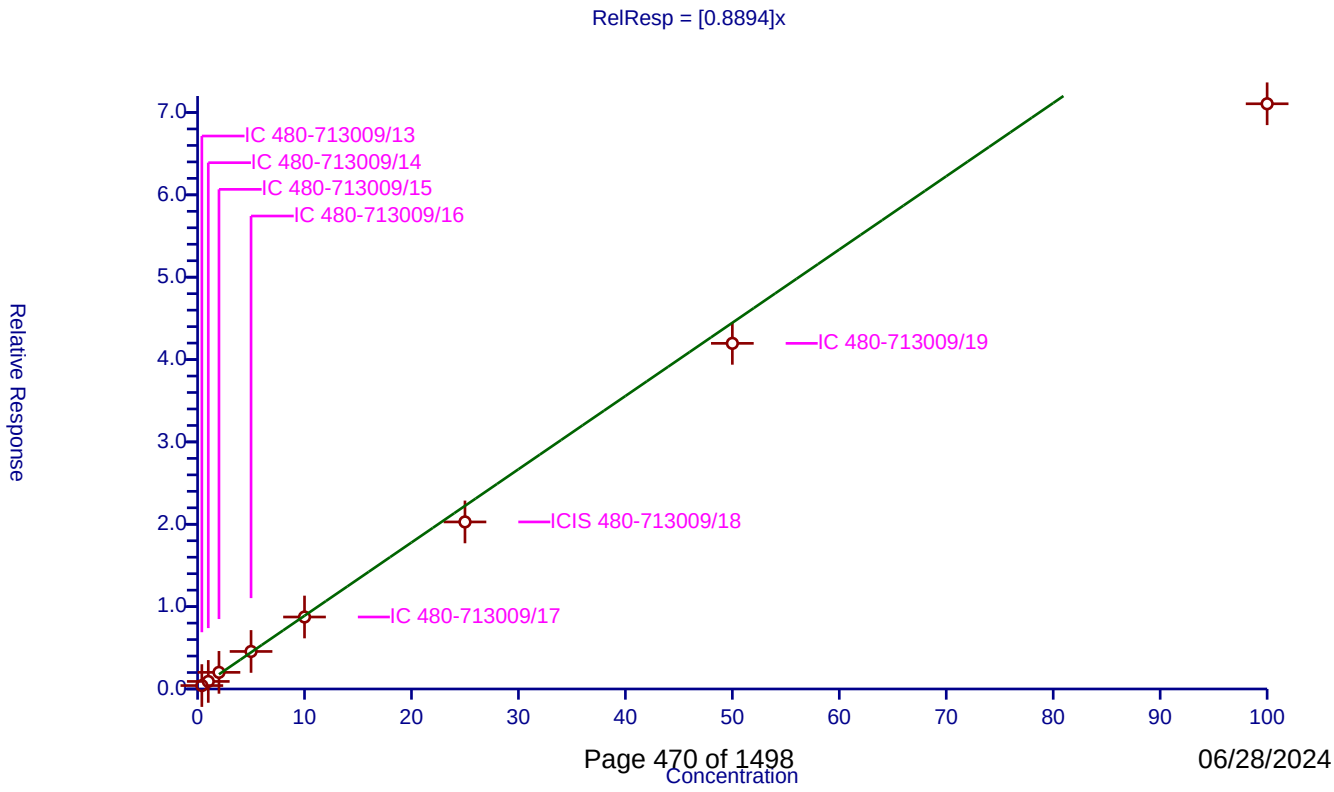
Curve Coefficients

Intercept:	0
Slope:	0.8894

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.417054	25.0	158253.0	1.042634	Y
2	IC 480-713009/14	1.0	0.916475	25.0	154396.0	0.916475	Y
3	IC 480-713009/15	2.0	2.018639	25.0	154733.0	1.009319	Y
4	IC 480-713009/16	5.0	4.555936	25.0	159808.0	0.911187	Y
5	IC 480-713009/17	10.0	8.740237	25.0	158002.0	0.874024	Y
6	ICIS 480-713009/18	25.0	20.28423	25.0	159237.0	0.811369	Y
7	IC 480-713009/19	50.0	41.967134	25.0	162081.0	0.839343	Y
8	IC 480-713009/20	100.0	71.05727	25.0	163662.0	0.710573	Y



Calibration / Chloroethane

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

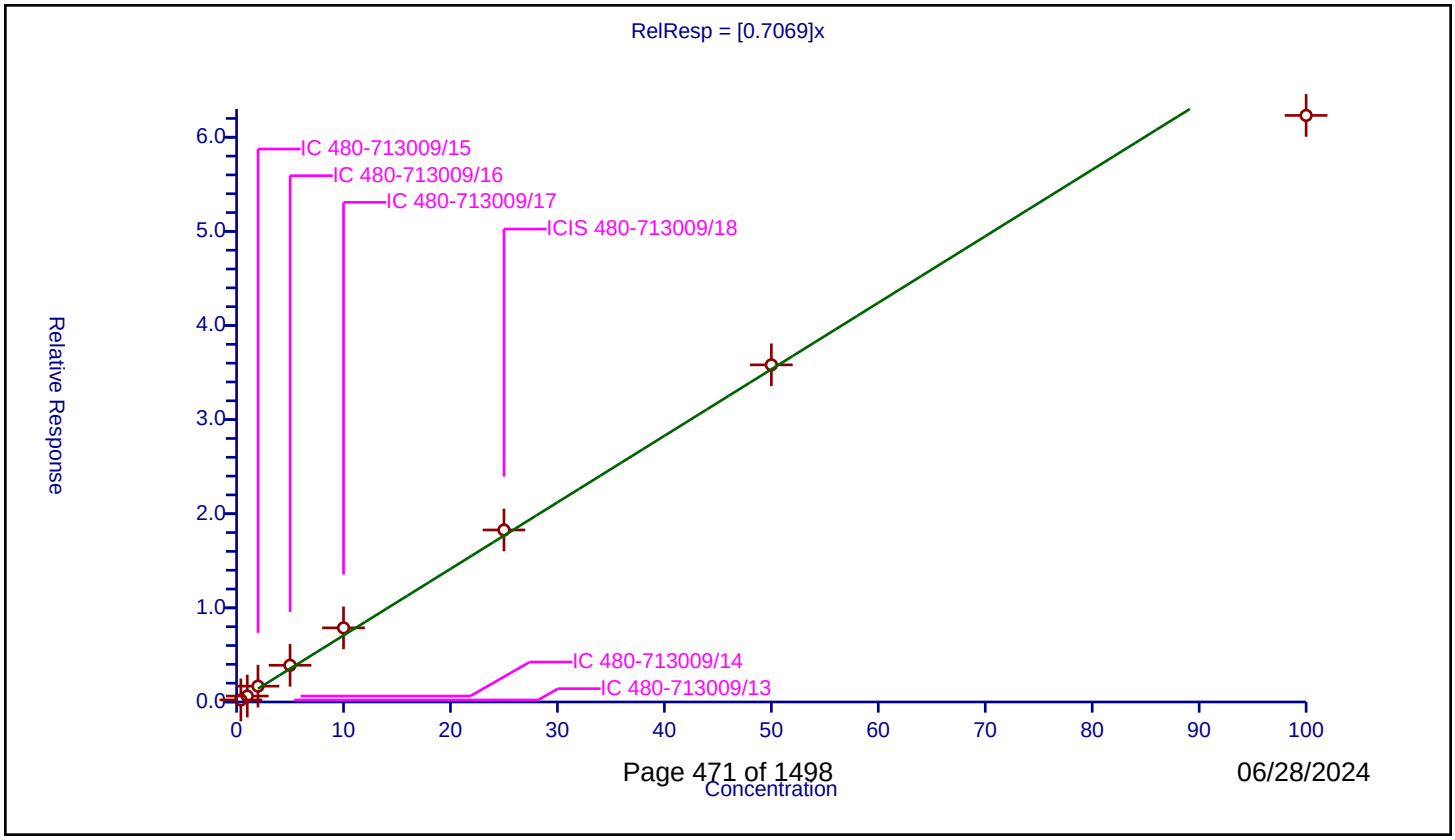
Curve Coefficients

Intercept:	0
Slope:	0.7069

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.217847	25.0	158253.0	0.544618	Y
2	IC 480-713009/14	1.0	0.631331	25.0	154396.0	0.631331	Y
3	IC 480-713009/15	2.0	1.681445	25.0	154733.0	0.840722	Y
4	IC 480-713009/16	5.0	3.902339	25.0	159808.0	0.780468	Y
5	IC 480-713009/17	10.0	7.873951	25.0	158002.0	0.787395	Y
6	ICIS 480-713009/18	25.0	18.27449	25.0	159237.0	0.73098	Y
7	IC 480-713009/19	50.0	35.818048	25.0	162081.0	0.716361	Y
8	IC 480-713009/20	100.0	62.31975	25.0	163662.0	0.623198	Y



Calibration / Trichlorofluoromethane

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

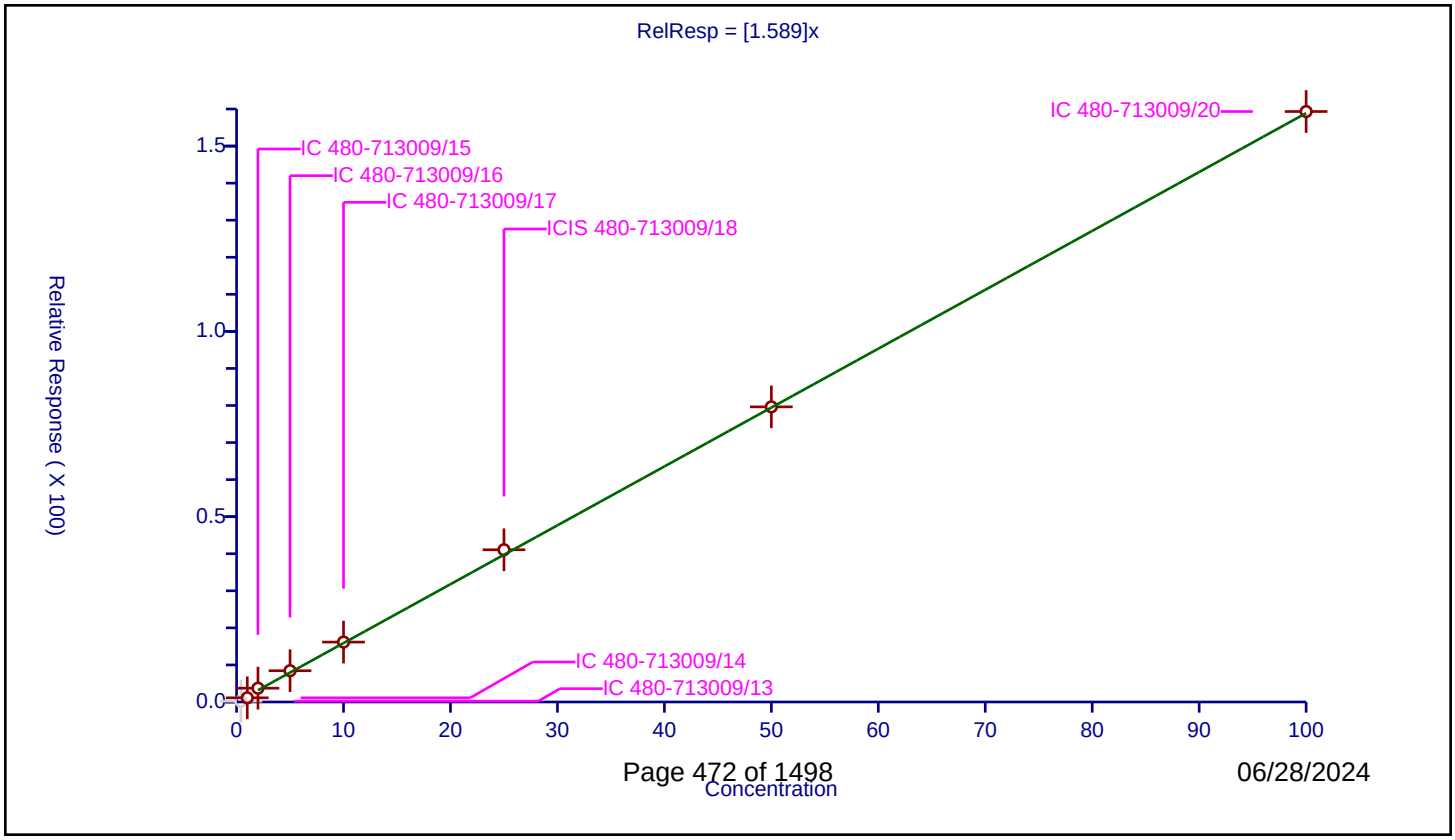
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.228906	25.0	158253.0	0.572264	N
2	IC 480-713009/14	1.0	1.126001	25.0	154396.0	1.126001	Y
3	IC 480-713009/15	2.0	3.725934	25.0	154733.0	1.862967	Y
4	IC 480-713009/16	5.0	8.437156	25.0	159808.0	1.687431	Y
5	IC 480-713009/17	10.0	16.165143	25.0	158002.0	1.616514	Y
6	ICIS 480-713009/18	25.0	41.07384	25.0	159237.0	1.642954	Y
7	IC 480-713009/19	50.0	79.638113	25.0	162081.0	1.592762	Y
8	IC 480-713009/20	100.0	159.323942	25.0	163662.0	1.593239	Y



Calibration / Dichlorofluoromethane

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

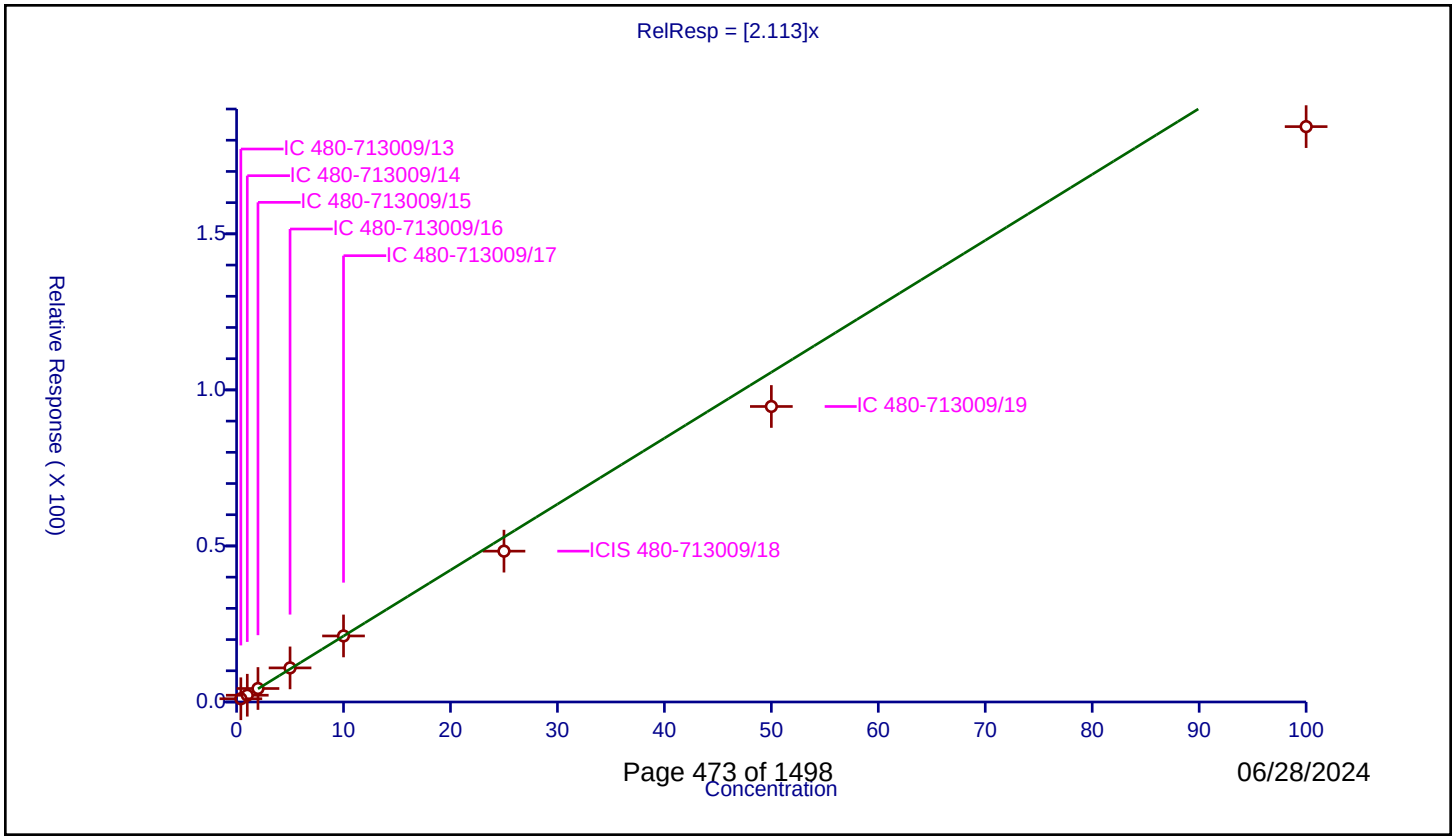
Curve Coefficients

Intercept:	0
Slope:	2.113

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.04216	25.0	158253.0	2.605401	Y
2	IC 480-713009/14	1.0	2.166183	25.0	154396.0	2.166183	Y
3	IC 480-713009/15	2.0	4.321315	25.0	154733.0	2.160657	Y
4	IC 480-713009/16	5.0	10.924203	25.0	159808.0	2.184841	Y
5	IC 480-713009/17	10.0	21.164131	25.0	158002.0	2.116413	Y
6	ICIS 480-713009/18	25.0	48.33393	25.0	159237.0	1.933357	Y
7	IC 480-713009/19	50.0	94.688304	25.0	162081.0	1.893766	Y
8	IC 480-713009/20	100.0	184.364422	25.0	163662.0	1.843644	Y



Calibration / Ethyl ether

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

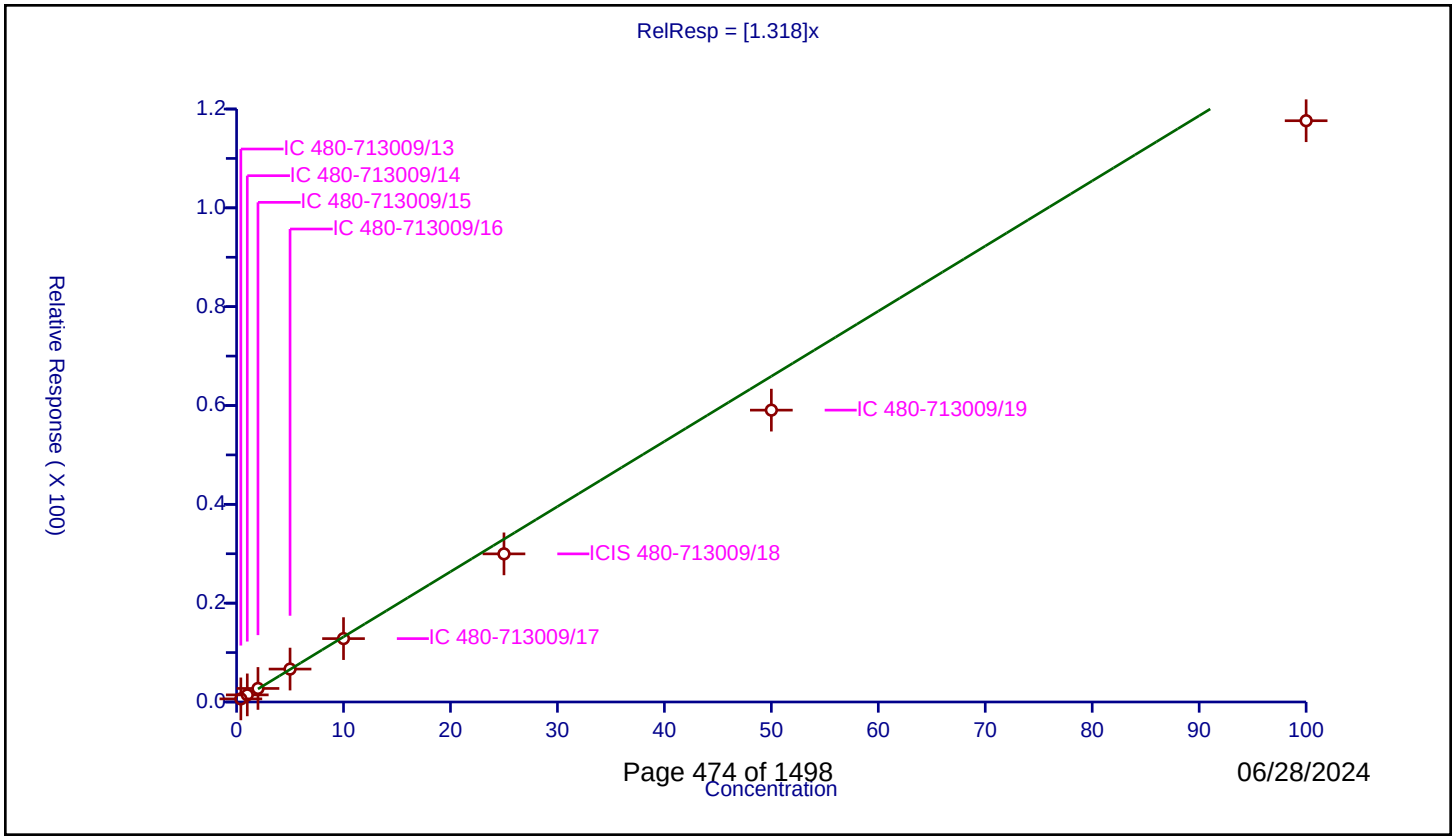
Curve Coefficients

Intercept:	0
Slope:	1.318

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.626054	25.0	158253.0	1.565136	Y
2	IC 480-713009/14	1.0	1.43948	25.0	154396.0	1.43948	Y
3	IC 480-713009/15	2.0	2.738265	25.0	154733.0	1.369133	Y
4	IC 480-713009/16	5.0	6.66237	25.0	159808.0	1.332474	Y
5	IC 480-713009/17	10.0	12.824996	25.0	158002.0	1.2825	Y
6	ICIS 480-713009/18	25.0	29.977172	25.0	159237.0	1.199087	Y
7	IC 480-713009/19	50.0	59.063987	25.0	162081.0	1.18128	Y
8	IC 480-713009/20	100.0	117.630696	25.0	163662.0	1.176307	Y



Calibration / Acrolein

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

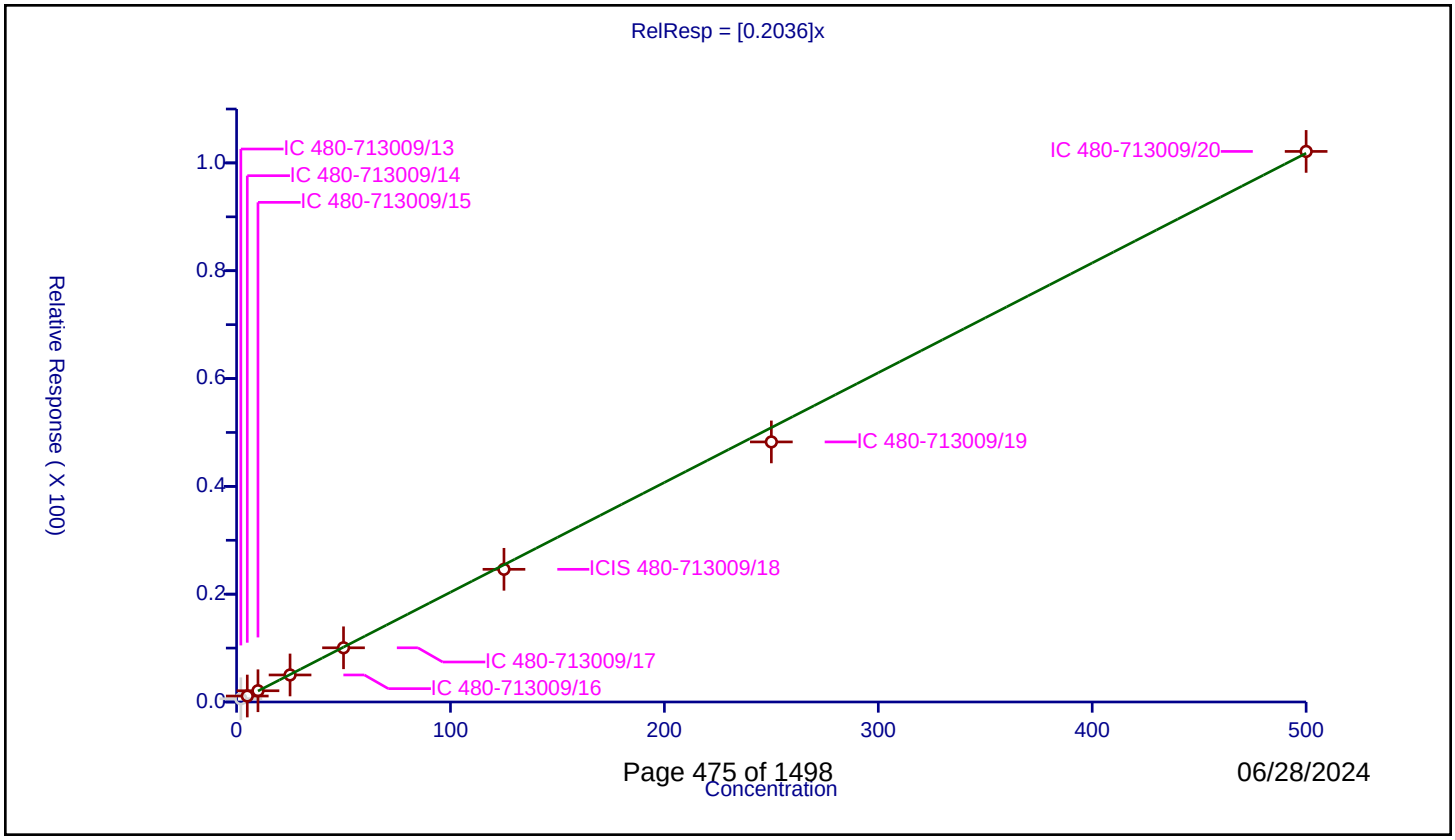
Curve Coefficients

Intercept:	0
Slope:	0.2036

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	2.0	0.601094	25.0	158253.0	0.300547	N
2	IC 480-713009/14	5.0	1.104789	25.0	154396.0	0.220958	Y
3	IC 480-713009/15	10.0	2.084559	25.0	154733.0	0.208456	Y
4	IC 480-713009/16	25.0	5.013516	25.0	159808.0	0.200541	Y
5	IC 480-713009/17	50.0	10.055252	25.0	158002.0	0.201105	Y
6	ICIS 480-713009/18	125.0	24.613469	25.0	159237.0	0.196908	Y
7	IC 480-713009/19	250.0	48.241466	25.0	162081.0	0.192966	Y
8	IC 480-713009/20	500.0	102.132596	25.0	163662.0	0.204265	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

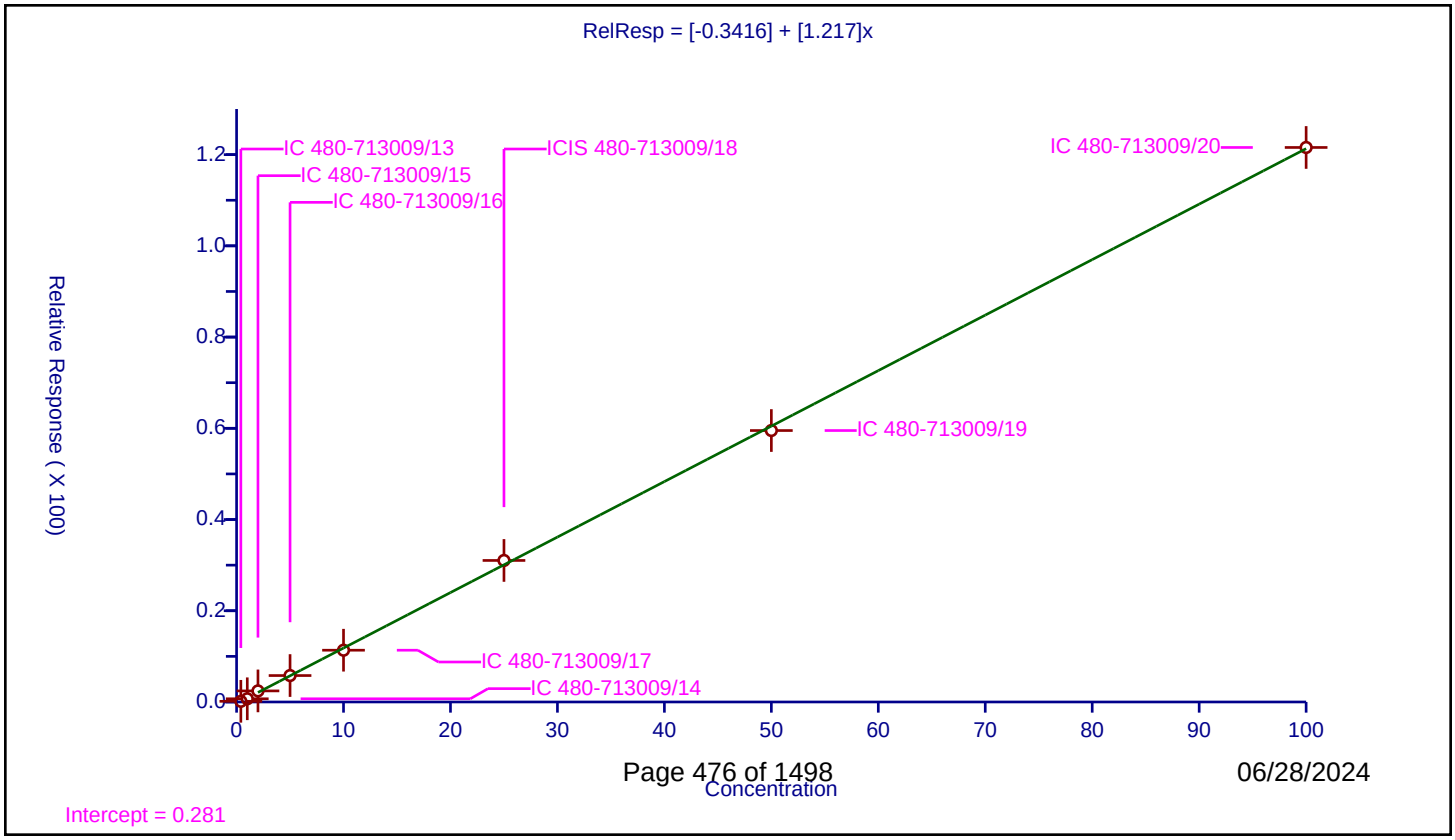
Curve Coefficients

Intercept:	-0.3416
Slope:	1.217

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.151024	25.0	158253.0	0.37756	Y
2	IC 480-713009/14	1.0	0.704843	25.0	154396.0	0.704843	Y
3	IC 480-713009/15	2.0	2.431123	25.0	154733.0	1.215562	Y
4	IC 480-713009/16	5.0	5.798364	25.0	159808.0	1.159673	Y
5	IC 480-713009/17	10.0	11.349223	25.0	158002.0	1.134922	Y
6	ICIS 480-713009/18	25.0	31.026395	25.0	159237.0	1.241056	Y
7	IC 480-713009/19	50.0	59.51407	25.0	162081.0	1.190281	Y
8	IC 480-713009/20	100.0	121.569454	25.0	163662.0	1.215695	Y



Calibration / 1,1-Dichloroethene

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

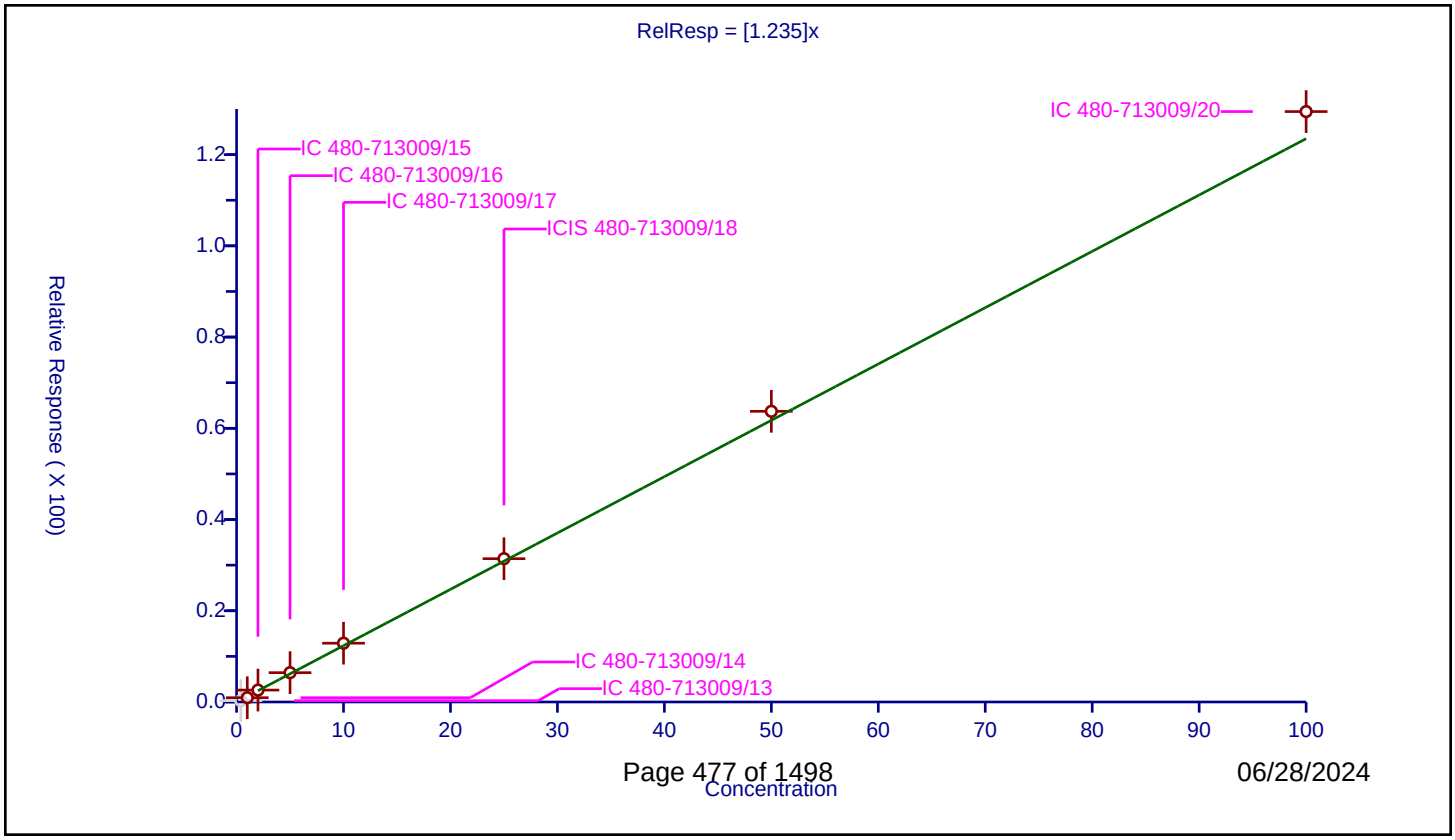
Curve Coefficients

Intercept:	0
Slope:	1.235

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.285935	25.0	158253.0	0.714836	N
2	IC 480-713009/14	1.0	0.940925	25.0	154396.0	0.940925	Y
3	IC 480-713009/15	2.0	2.608203	25.0	154733.0	1.304101	Y
4	IC 480-713009/16	5.0	6.42787	25.0	159808.0	1.285574	Y
5	IC 480-713009/17	10.0	12.886704	25.0	158002.0	1.28867	Y
6	ICIS 480-713009/18	25.0	31.413867	25.0	159237.0	1.256555	Y
7	IC 480-713009/19	50.0	63.72863	25.0	162081.0	1.274573	Y
8	IC 480-713009/20	100.0	129.441624	25.0	163662.0	1.294416	Y



Calibration / Acetone

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

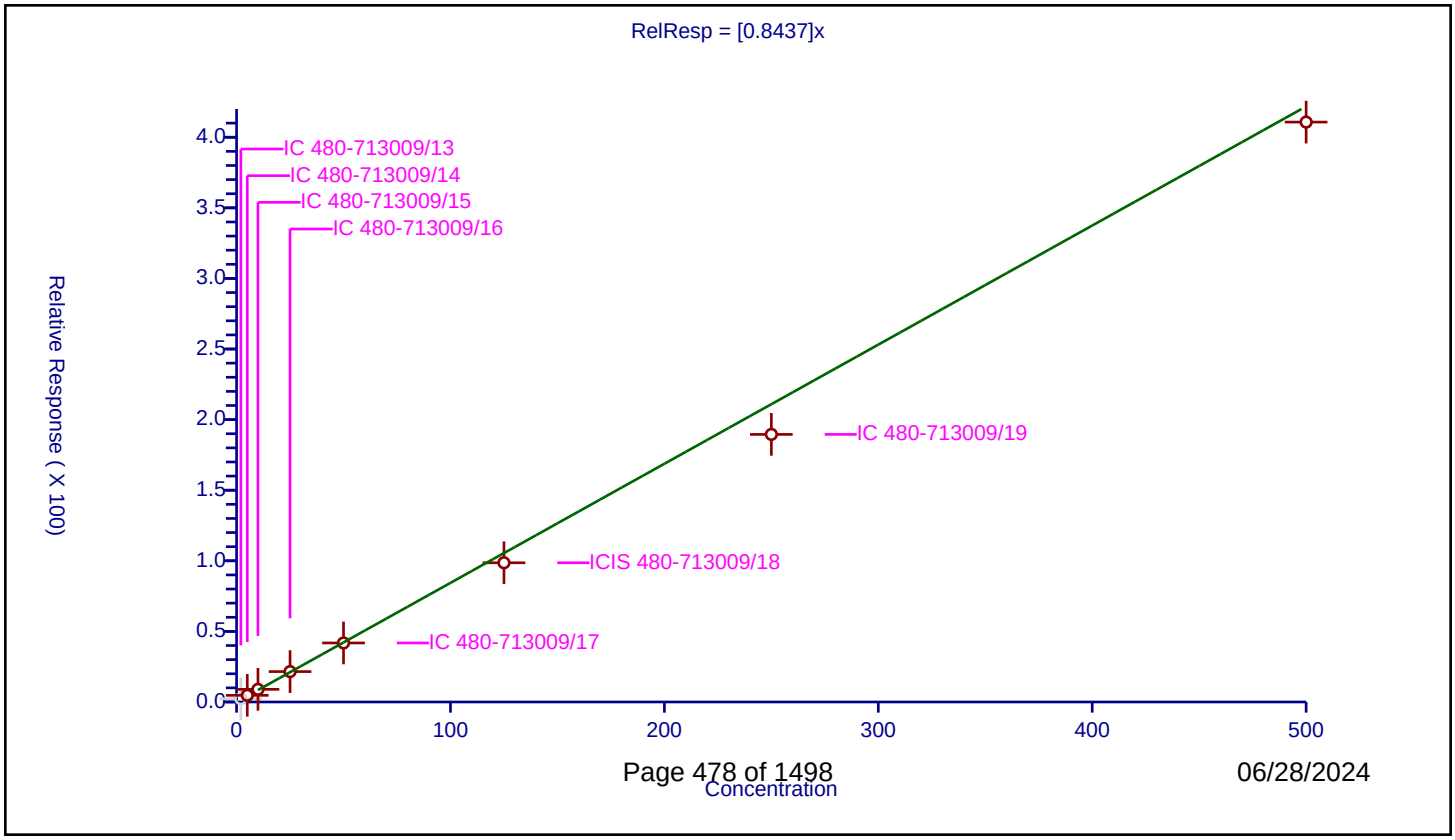
Curve Coefficients

Intercept:	0
Slope:	0.8437

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	2.0	2.329972	25.0	158253.0	1.164986	N
2	IC 480-713009/14	5.0	4.716443	25.0	154396.0	0.943289	Y
3	IC 480-713009/15	10.0	8.965282	25.0	154733.0	0.896528	Y
4	IC 480-713009/16	25.0	21.528803	25.0	159808.0	0.861152	Y
5	IC 480-713009/17	50.0	41.807066	25.0	158002.0	0.836141	Y
6	ICIS 480-713009/18	125.0	98.608678	25.0	159237.0	0.788869	Y
7	IC 480-713009/19	250.0	189.532549	25.0	162081.0	0.75813	Y
8	IC 480-713009/20	500.0	410.749899	25.0	163662.0	0.8215	Y



Calibration / Iodomethane

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

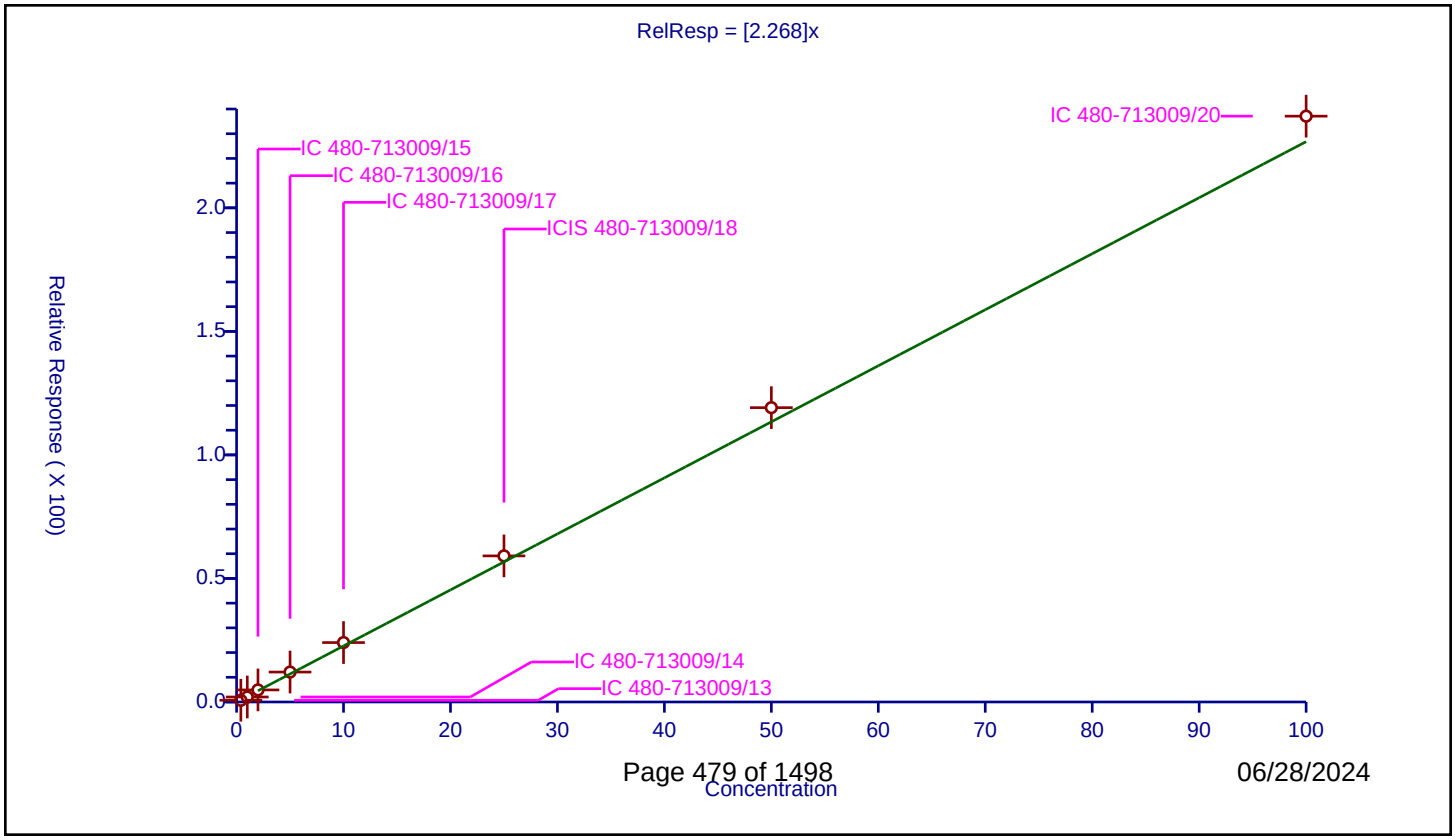
Curve Coefficients

Intercept:	0
Slope:	2.268

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.692246	25.0	158253.0	1.730615	Y
2	IC 480-713009/14	1.0	2.022073	25.0	154396.0	2.022073	Y
3	IC 480-713009/15	2.0	4.885351	25.0	154733.0	2.442675	Y
4	IC 480-713009/16	5.0	12.11532	25.0	159808.0	2.423064	Y
5	IC 480-713009/17	10.0	24.051594	25.0	158002.0	2.405159	Y
6	ICIS 480-713009/18	25.0	59.134184	25.0	159237.0	2.365367	Y
7	IC 480-713009/19	50.0	119.131021	25.0	162081.0	2.38262	Y
8	IC 480-713009/20	100.0	237.107117	25.0	163662.0	2.371071	Y



Calibration / Carbon disulfide

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

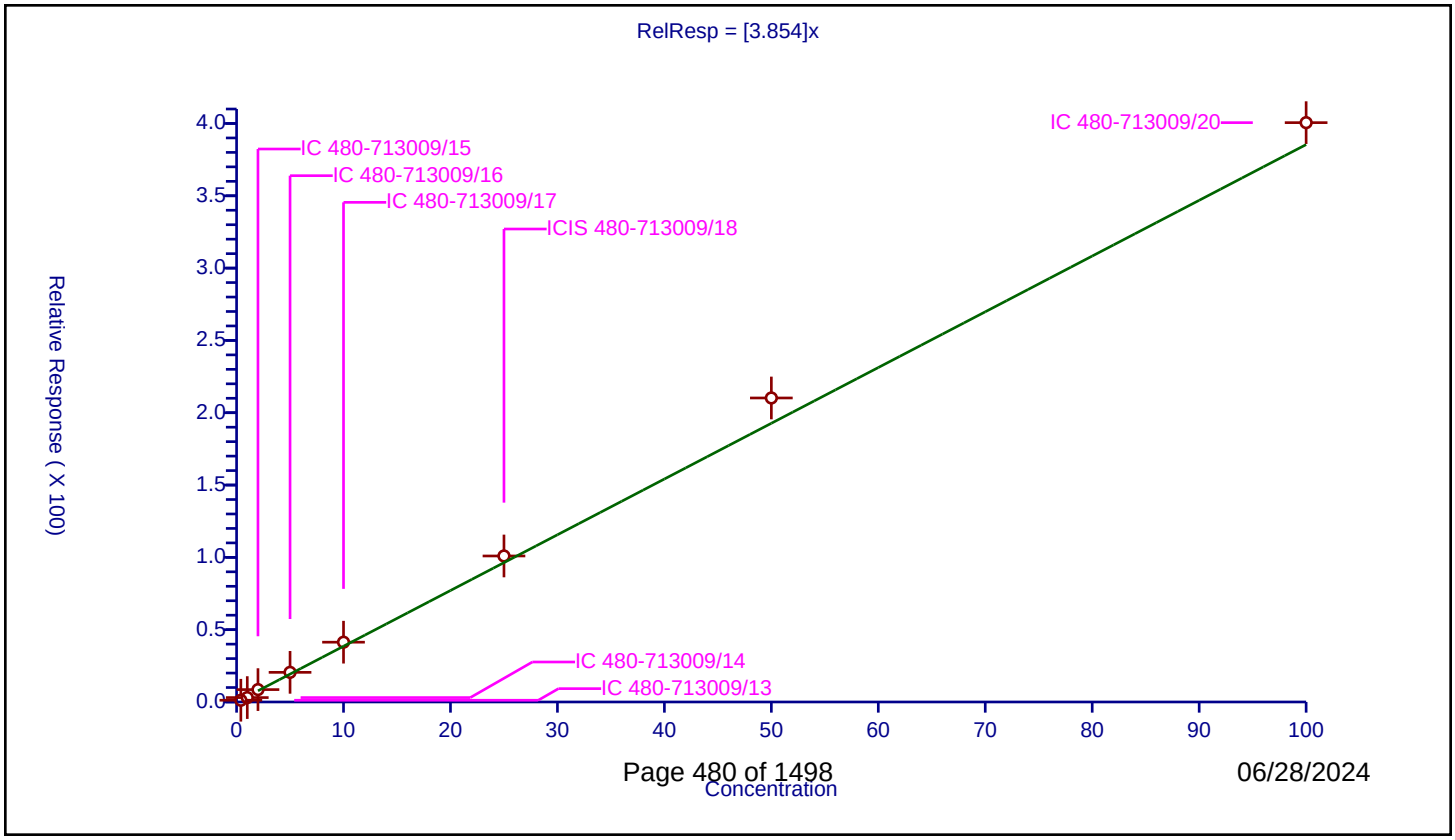
Curve Coefficients

Intercept:	0
Slope:	3.854

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.208982	25.0	158253.0	3.022455	Y
2	IC 480-713009/14	1.0	3.043473	25.0	154396.0	3.043473	Y
3	IC 480-713009/15	2.0	8.567339	25.0	154733.0	4.283669	Y
4	IC 480-713009/16	5.0	20.500538	25.0	159808.0	4.100108	Y
5	IC 480-713009/17	10.0	41.346629	25.0	158002.0	4.134663	Y
6	ICIS 480-713009/18	25.0	100.955494	25.0	159237.0	4.03822	Y
7	IC 480-713009/19	50.0	210.207705	25.0	162081.0	4.204154	Y
8	IC 480-713009/20	100.0	400.577715	25.0	163662.0	4.005777	Y



Calibration / 3-Chloro-1-propene

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

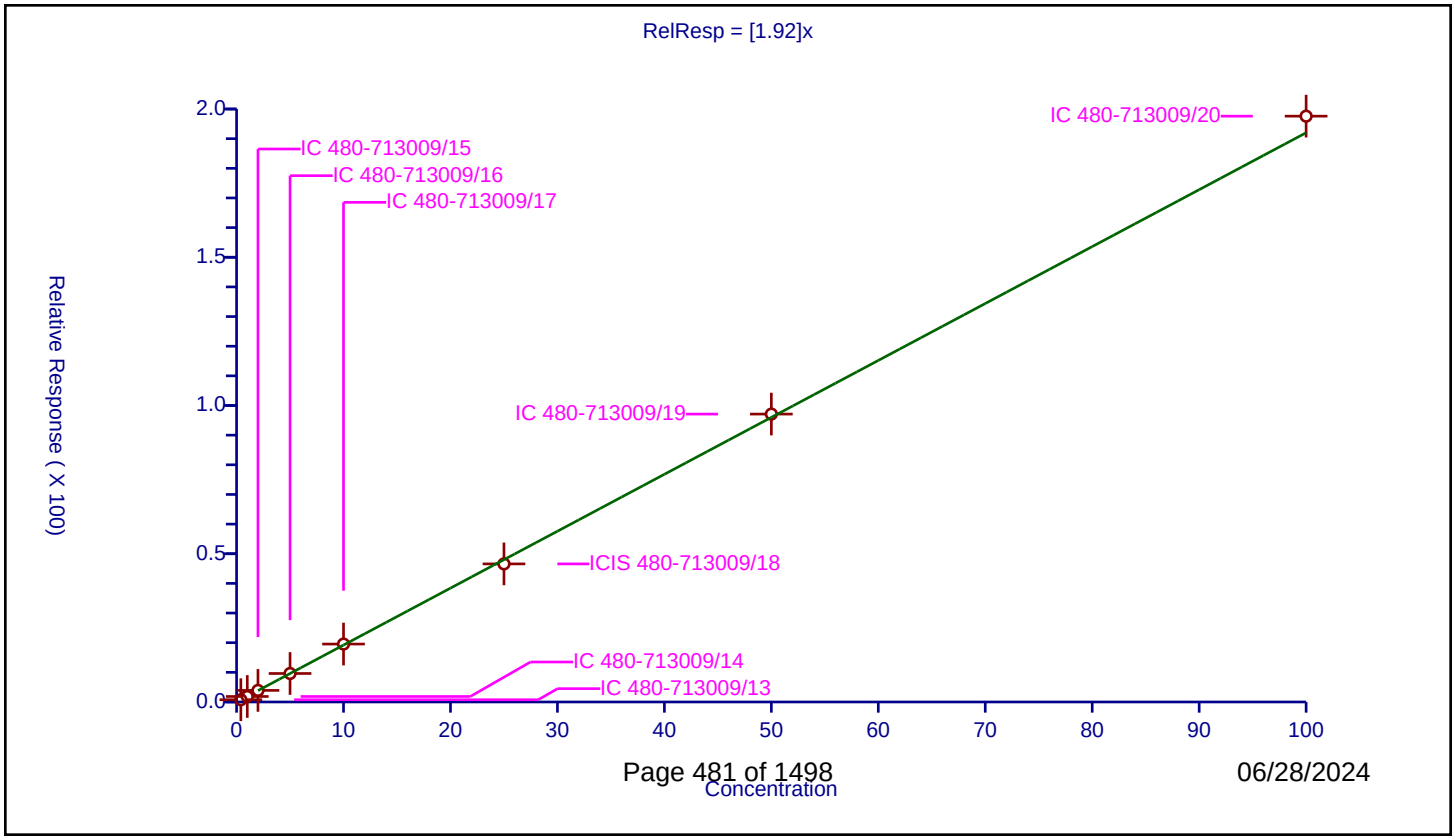
Curve Coefficients

Intercept:	0
Slope:	1.92

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.757016	25.0	158253.0	1.892539	Y
2	IC 480-713009/14	1.0	1.854808	25.0	154396.0	1.854808	Y
3	IC 480-713009/15	2.0	3.908668	25.0	154733.0	1.954334	Y
4	IC 480-713009/16	5.0	9.614506	25.0	159808.0	1.922901	Y
5	IC 480-713009/17	10.0	19.54105	25.0	158002.0	1.954105	Y
6	ICIS 480-713009/18	25.0	46.574603	25.0	159237.0	1.862984	Y
7	IC 480-713009/19	50.0	97.101604	25.0	162081.0	1.942032	Y
8	IC 480-713009/20	100.0	197.588017	25.0	163662.0	1.97588	Y



Calibration / Methyl acetate

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

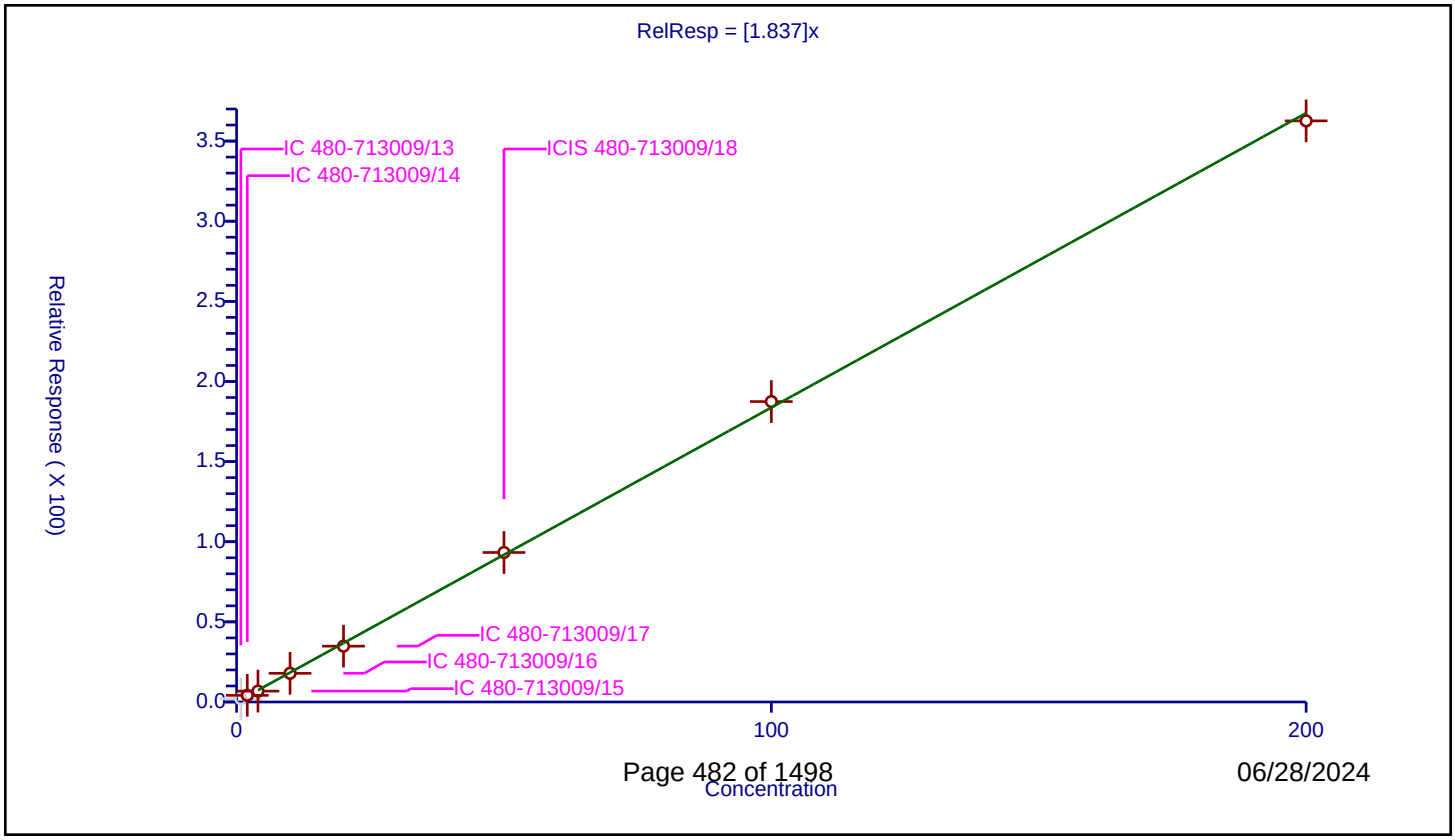
Curve Coefficients

Intercept:	0
Slope:	1.837

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.8	2.095063	25.0	158253.0	2.618829	N
2	IC 480-713009/14	2.0	4.159272	25.0	154396.0	2.079636	Y
3	IC 480-713009/15	4.0	6.785075	25.0	154733.0	1.696269	Y
4	IC 480-713009/16	10.0	17.903359	25.0	159808.0	1.790336	Y
5	IC 480-713009/17	20.0	34.840382	25.0	158002.0	1.742019	Y
6	ICIS 480-713009/18	50.0	93.29176	25.0	159237.0	1.865835	Y
7	IC 480-713009/19	100.0	187.450256	25.0	162081.0	1.874503	Y
8	IC 480-713009/20	200.0	362.59486	25.0	163662.0	1.812974	Y



Calibration / Methylene Chloride

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

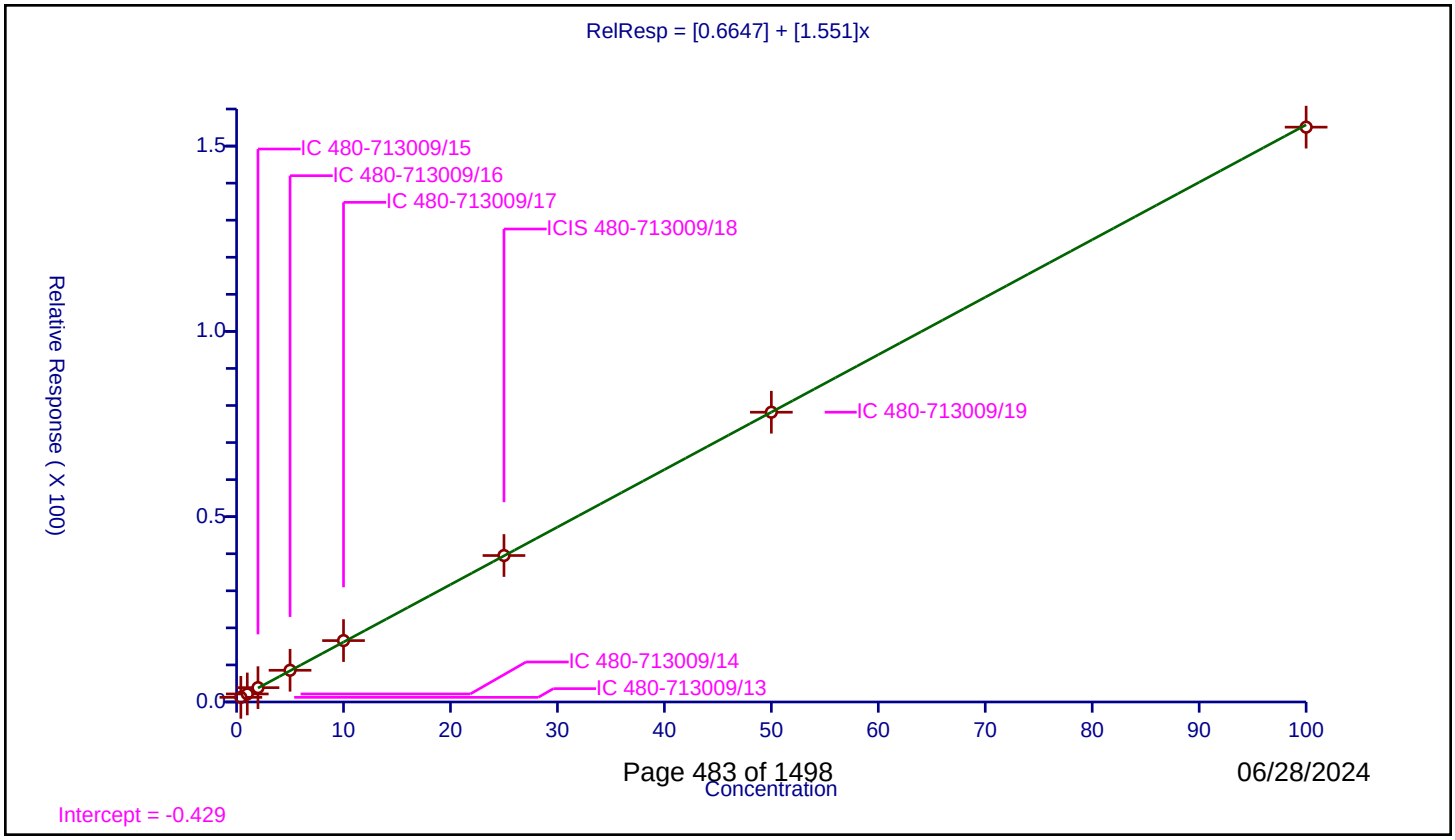
Curve Coefficients

Intercept:	0.6647
Slope:	1.551

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.256848	25.0	158253.0	3.142121	Y
2	IC 480-713009/14	1.0	2.170393	25.0	154396.0	2.170393	Y
3	IC 480-713009/15	2.0	3.869084	25.0	154733.0	1.934542	Y
4	IC 480-713009/16	5.0	8.5573	25.0	159808.0	1.71146	Y
5	IC 480-713009/17	10.0	16.56593	25.0	158002.0	1.656593	Y
6	ICIS 480-713009/18	25.0	39.519239	25.0	159237.0	1.58077	Y
7	IC 480-713009/19	50.0	78.188838	25.0	162081.0	1.563777	Y
8	IC 480-713009/20	100.0	155.107325	25.0	163662.0	1.551073	Y



06/28/2024

Calibration / 2-Methyl-2-propanol

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

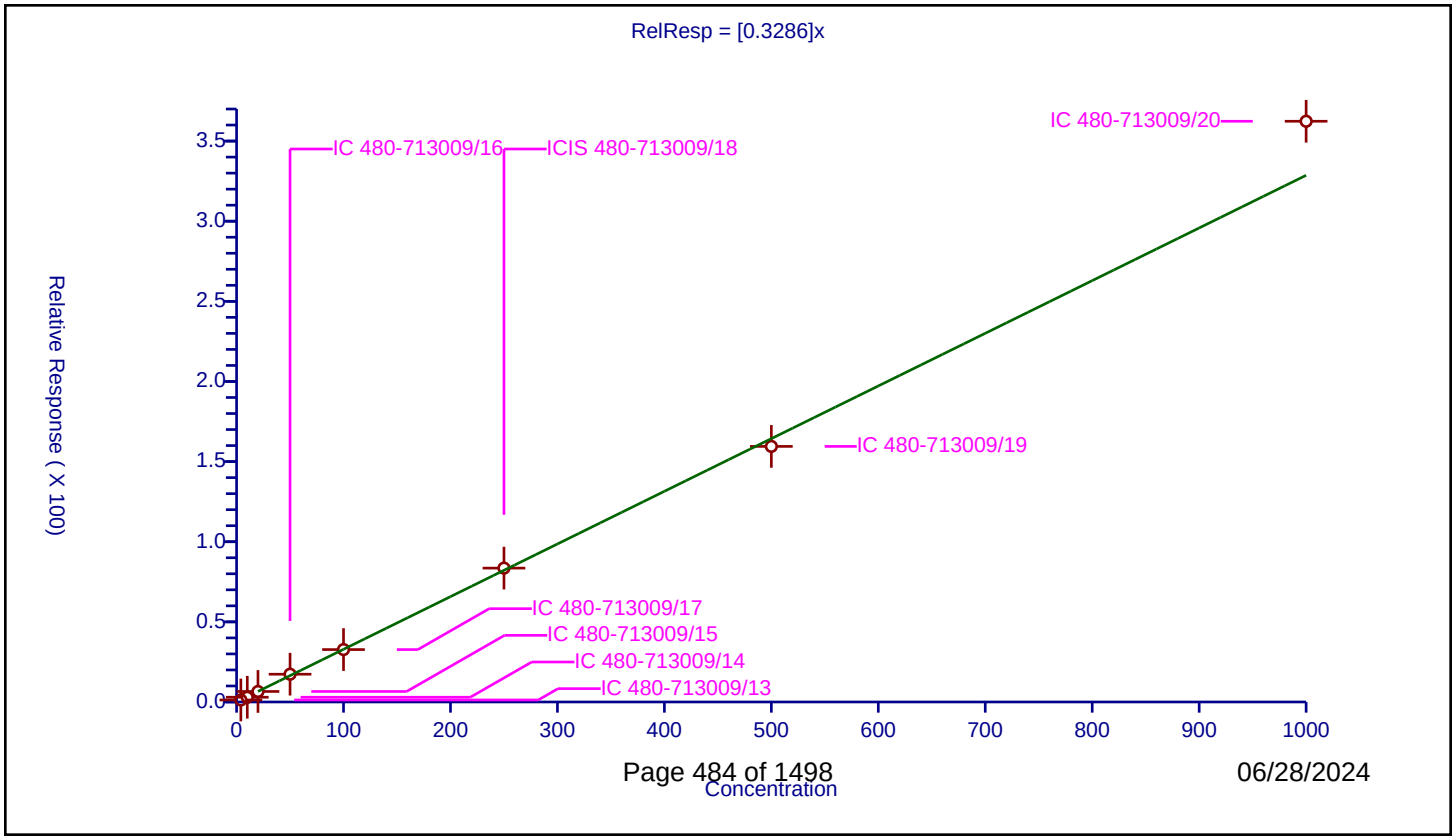
Curve Coefficients

Intercept:	0
Slope:	0.3286

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	4.0	1.261429	25.0	158253.0	0.315357	Y
2	IC 480-713009/14	10.0	2.967855	25.0	154396.0	0.296786	Y
3	IC 480-713009/15	20.0	6.555809	25.0	154733.0	0.32779	Y
4	IC 480-713009/16	50.0	17.33549	25.0	159808.0	0.34671	Y
5	IC 480-713009/17	100.0	32.701327	25.0	158002.0	0.327013	Y
6	ICIS 480-713009/18	250.0	83.534292	25.0	159237.0	0.334137	Y
7	IC 480-713009/19	500.0	159.473812	25.0	162081.0	0.318948	Y
8	IC 480-713009/20	1000.0	362.370617	25.0	163662.0	0.362371	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

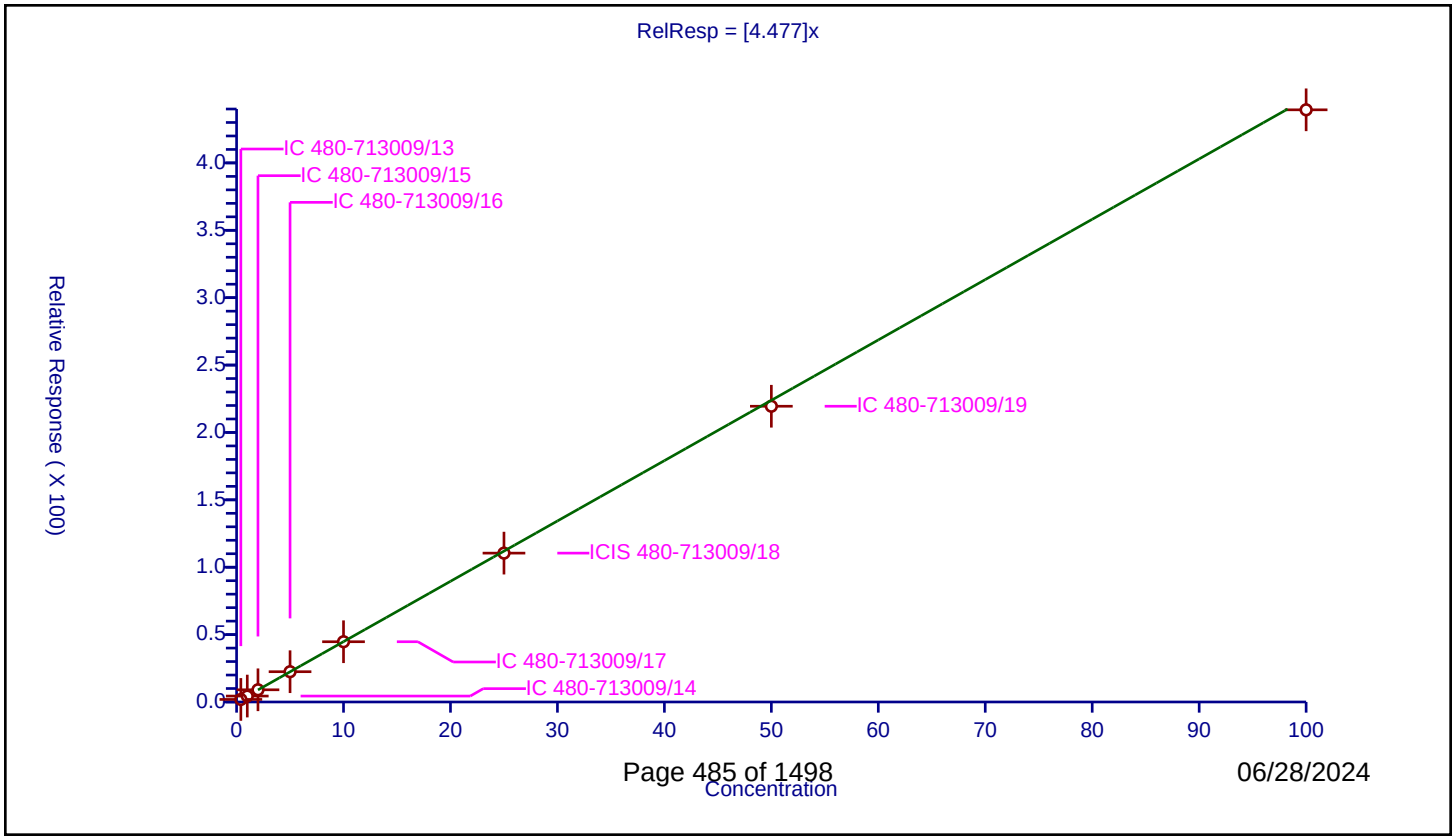
Curve Coefficients

Intercept:	0
Slope:	4.477

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.892223	25.0	158253.0	4.730558	Y
2	IC 480-713009/14	1.0	4.394058	25.0	154396.0	4.394058	Y
3	IC 480-713009/15	2.0	9.058992	25.0	154733.0	4.529496	Y
4	IC 480-713009/16	5.0	22.466647	25.0	159808.0	4.493329	Y
5	IC 480-713009/17	10.0	44.699751	25.0	158002.0	4.469975	Y
6	ICIS 480-713009/18	25.0	110.455642	25.0	159237.0	4.418226	Y
7	IC 480-713009/19	50.0	219.452928	25.0	162081.0	4.389059	Y
8	IC 480-713009/20	100.0	439.411409	25.0	163662.0	4.394114	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

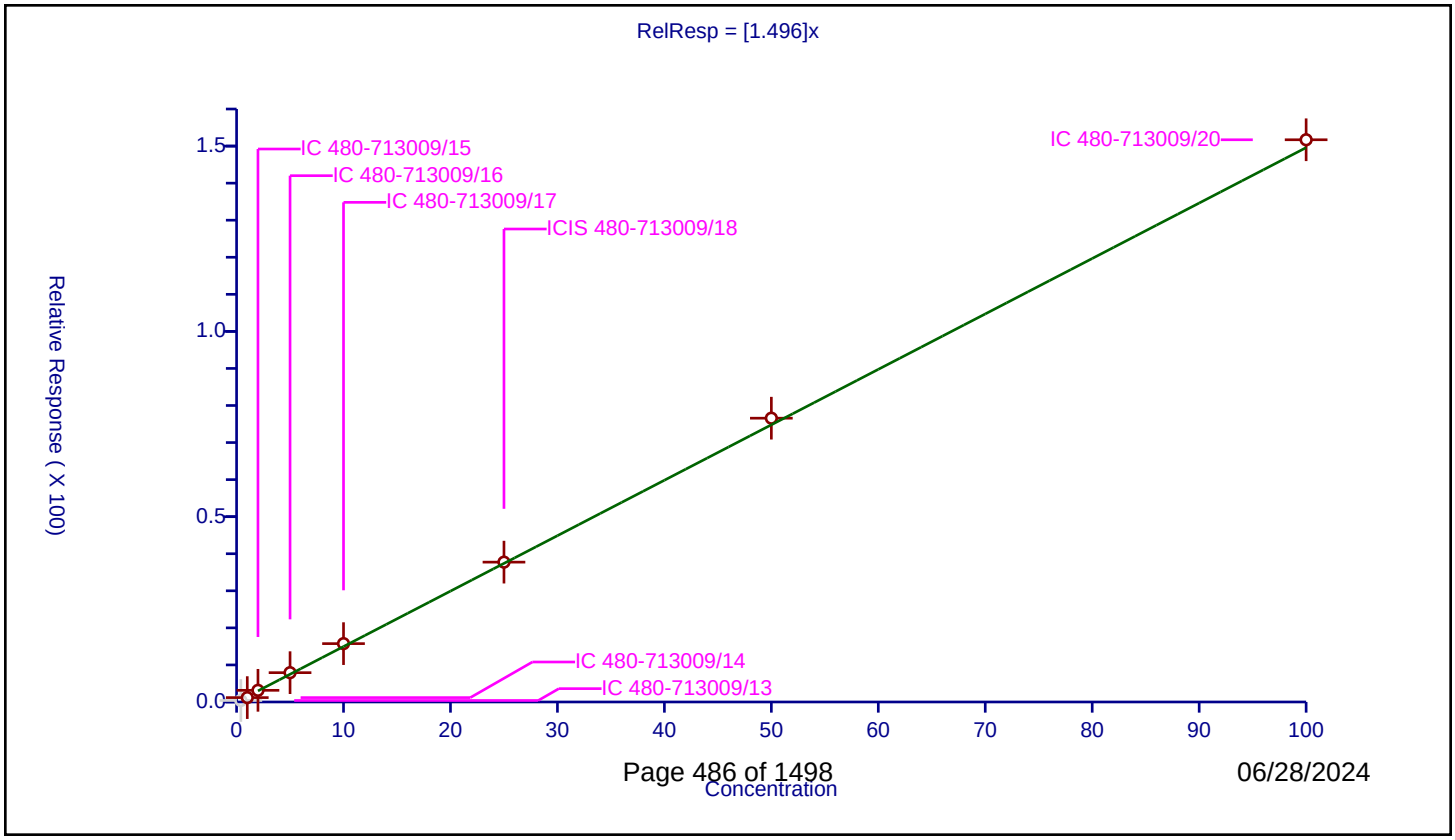
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.408049	25.0	158253.0	1.020123	N
2	IC 480-713009/14	1.0	1.183483	25.0	154396.0	1.183483	Y
3	IC 480-713009/15	2.0	3.145257	25.0	154733.0	1.572628	Y
4	IC 480-713009/16	5.0	7.909335	25.0	159808.0	1.581867	Y
5	IC 480-713009/17	10.0	15.747111	25.0	158002.0	1.574711	Y
6	ICIS 480-713009/18	25.0	37.734321	25.0	159237.0	1.509373	Y
7	IC 480-713009/19	50.0	76.577298	25.0	162081.0	1.531546	Y
8	IC 480-713009/20	100.0	151.701372	25.0	163662.0	1.517014	Y



Calibration / Acrylonitrile

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

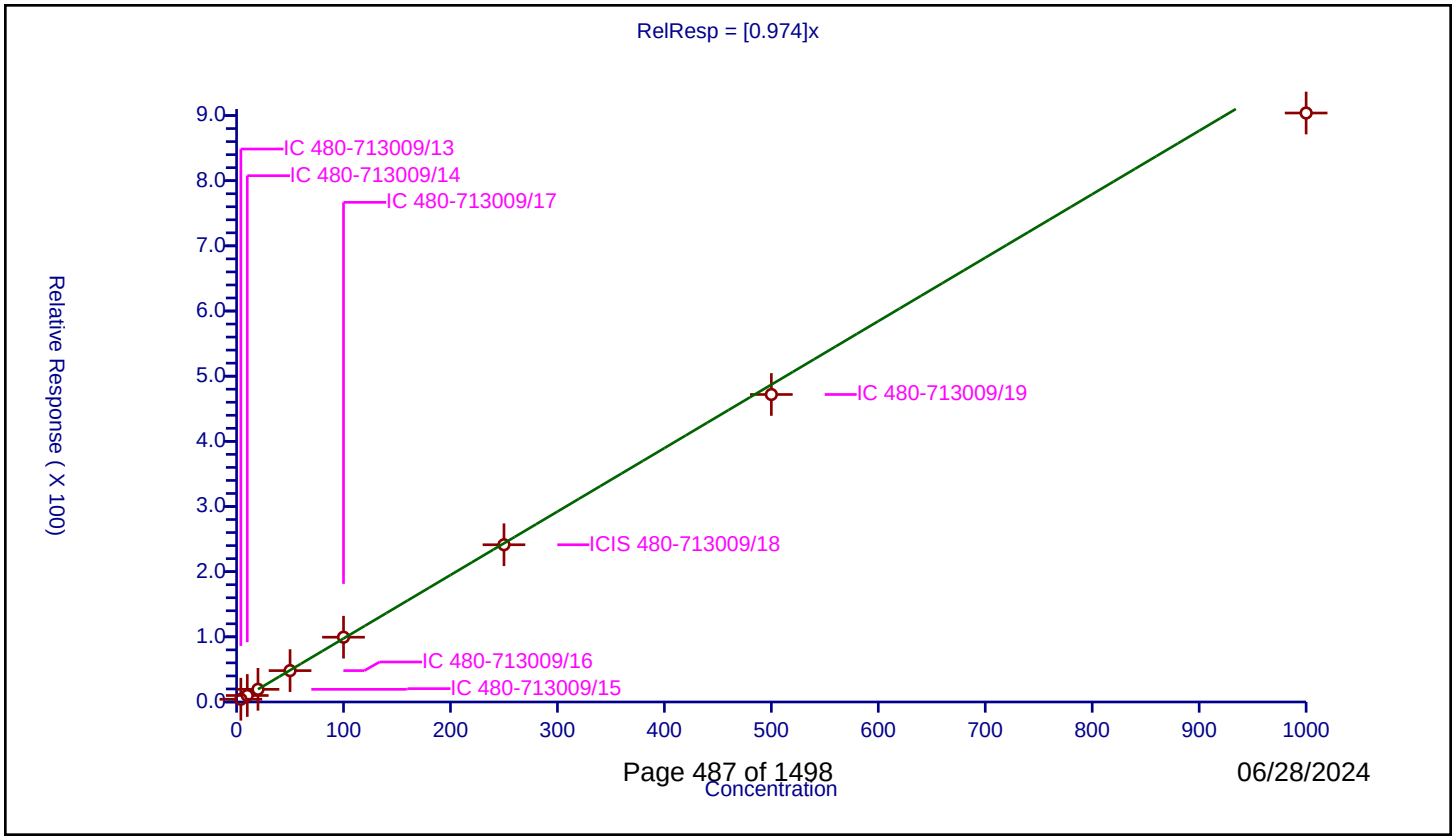
Curve Coefficients

Intercept:	0
Slope:	0.974

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	4.0	4.21319	25.0	158253.0	1.053298	Y
2	IC 480-713009/14	10.0	9.971923	25.0	154396.0	0.997192	Y
3	IC 480-713009/15	20.0	19.436707	25.0	154733.0	0.971835	Y
4	IC 480-713009/16	50.0	48.137922	25.0	159808.0	0.962758	Y
5	IC 480-713009/17	100.0	99.409343	25.0	158002.0	0.994093	Y
6	ICIS 480-713009/18	250.0	241.303215	25.0	159237.0	0.965213	Y
7	IC 480-713009/19	500.0	471.892912	25.0	162081.0	0.943786	Y
8	IC 480-713009/20	1000.0	903.878878	25.0	163662.0	0.903879	Y



Calibration / Hexane

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

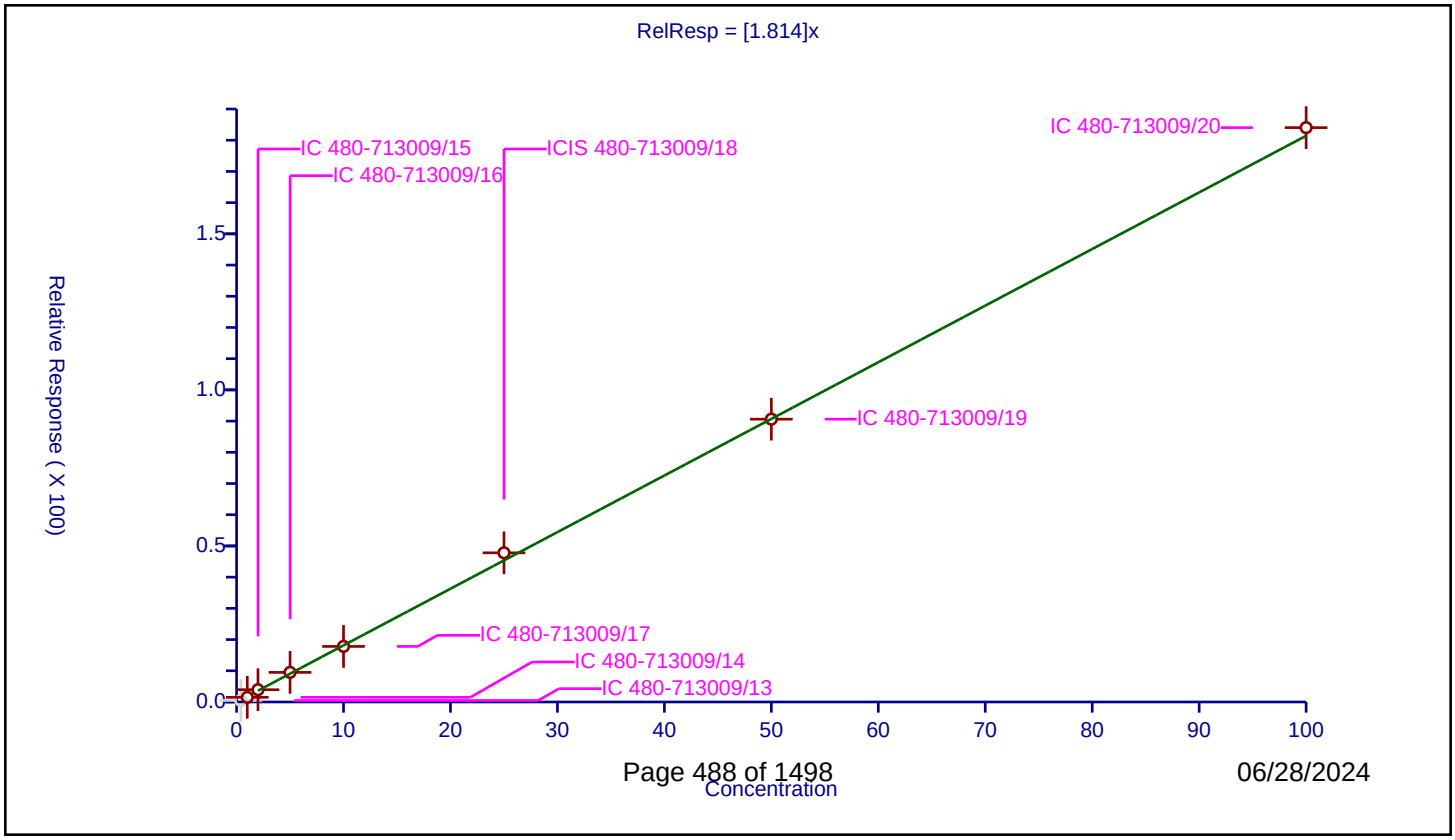
Curve Coefficients

Intercept:	0
Slope:	1.814

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.479296	25.0	158253.0	1.19824	N
2	IC 480-713009/14	1.0	1.490324	25.0	154396.0	1.490324	Y
3	IC 480-713009/15	2.0	3.934358	25.0	154733.0	1.967179	Y
4	IC 480-713009/16	5.0	9.485601	25.0	159808.0	1.89712	Y
5	IC 480-713009/17	10.0	17.798984	25.0	158002.0	1.779898	Y
6	ICIS 480-713009/18	25.0	47.796052	25.0	159237.0	1.911842	Y
7	IC 480-713009/19	50.0	90.620585	25.0	162081.0	1.812412	Y
8	IC 480-713009/20	100.0	184.038445	25.0	163662.0	1.840384	Y



06/28/2024

Calibration / 1,1-Dichloroethane

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

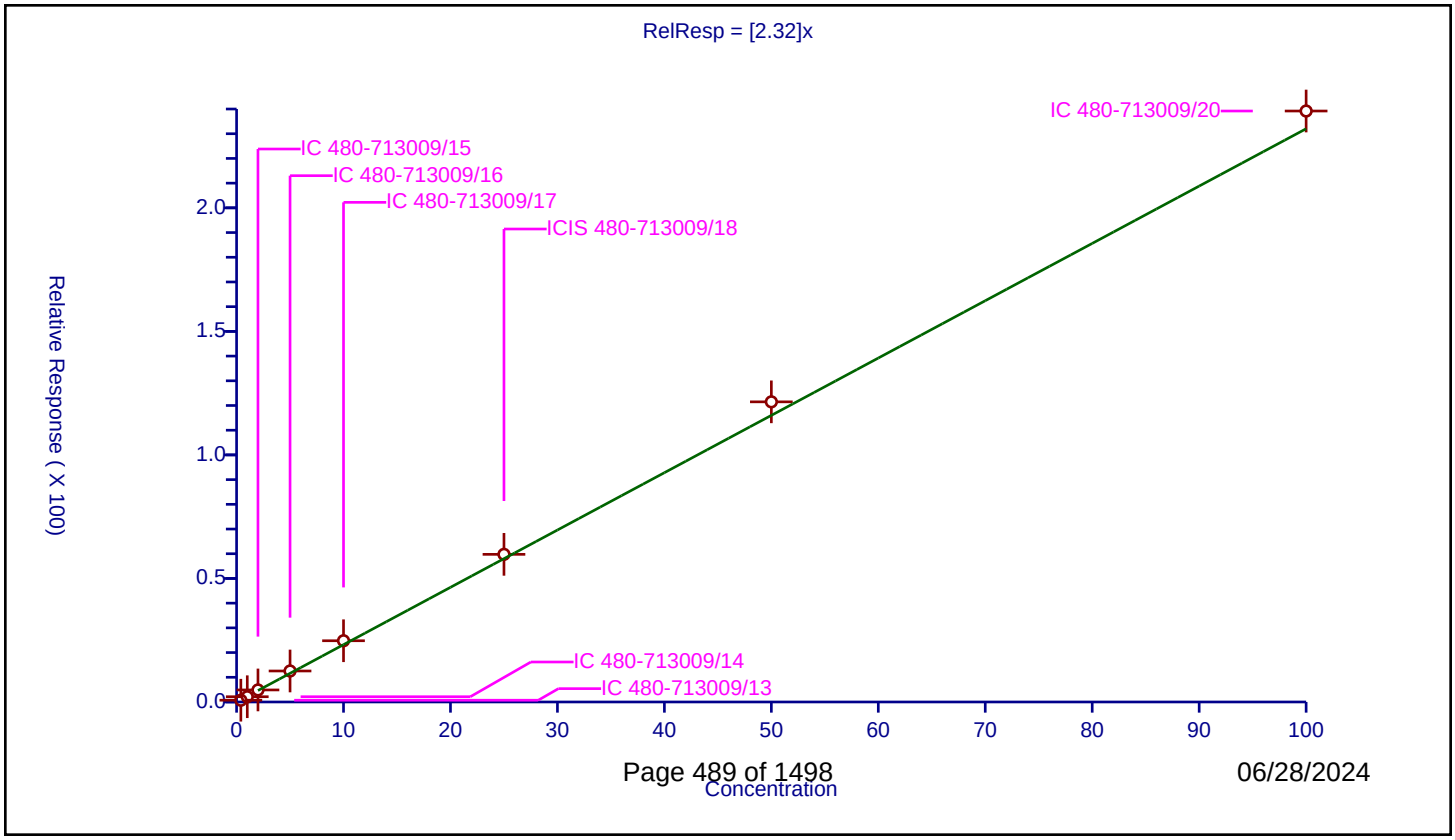
Curve Coefficients

Intercept:	0
Slope:	2.32

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.718628	25.0	158253.0	1.796569	Y
2	IC 480-713009/14	1.0	2.12797	25.0	154396.0	2.12797	Y
3	IC 480-713009/15	2.0	4.874849	25.0	154733.0	2.437424	Y
4	IC 480-713009/16	5.0	12.541925	25.0	159808.0	2.508385	Y
5	IC 480-713009/17	10.0	24.784971	25.0	158002.0	2.478497	Y
6	ICIS 480-713009/18	25.0	59.760608	25.0	159237.0	2.390424	Y
7	IC 480-713009/19	50.0	121.477533	25.0	162081.0	2.429551	Y
8	IC 480-713009/20	100.0	239.191138	25.0	163662.0	2.391911	Y



Calibration / Vinyl acetate

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

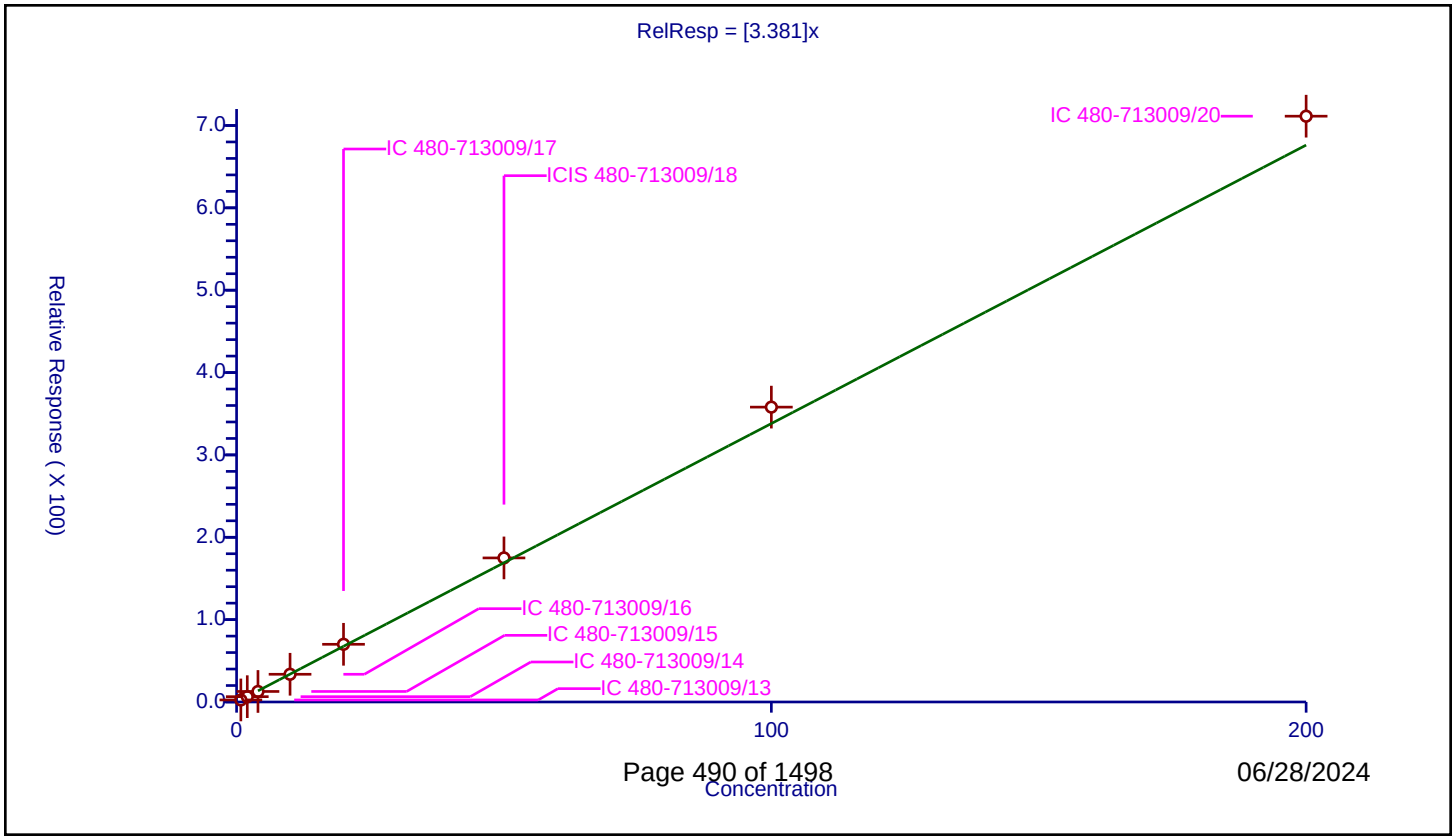
Curve Coefficients

Intercept:	0
Slope:	3.381

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.8	2.492212	25.0	158253.0	3.115265	Y
2	IC 480-713009/14	2.0	6.474423	25.0	154396.0	3.237211	Y
3	IC 480-713009/15	4.0	12.762145	25.0	154733.0	3.190536	Y
4	IC 480-713009/16	10.0	33.665242	25.0	159808.0	3.366524	Y
5	IC 480-713009/17	20.0	70.043892	25.0	158002.0	3.502195	Y
6	ICIS 480-713009/18	50.0	174.935945	25.0	159237.0	3.498719	Y
7	IC 480-713009/19	100.0	358.02793	25.0	162081.0	3.580279	Y
8	IC 480-713009/20	200.0	711.299355	25.0	163662.0	3.556497	Y



Calibration / 2,2-Dichloropropane

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

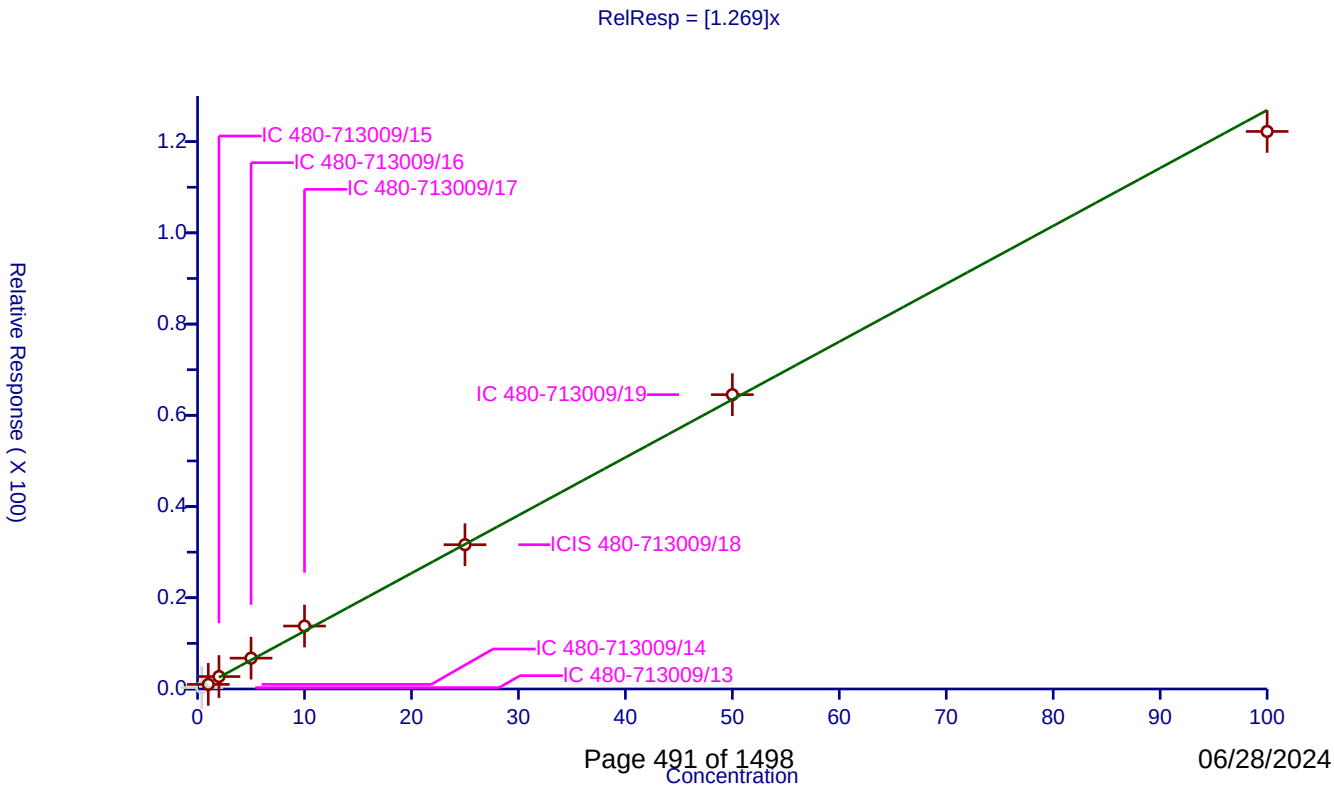
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.308209	25.0	158253.0	0.770523	N
2	IC 480-713009/14	1.0	1.00877	25.0	154396.0	1.00877	Y
3	IC 480-713009/15	2.0	2.72841	25.0	154733.0	1.364205	Y
4	IC 480-713009/16	5.0	6.760456	25.0	159808.0	1.352091	Y
5	IC 480-713009/17	10.0	13.798718	25.0	158002.0	1.379872	Y
6	ICIS 480-713009/18	25.0	31.631939	25.0	159237.0	1.265278	Y
7	IC 480-713009/19	50.0	64.526687	25.0	162081.0	1.290534	Y
8	IC 480-713009/20	100.0	122.227518	25.0	163662.0	1.222275	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

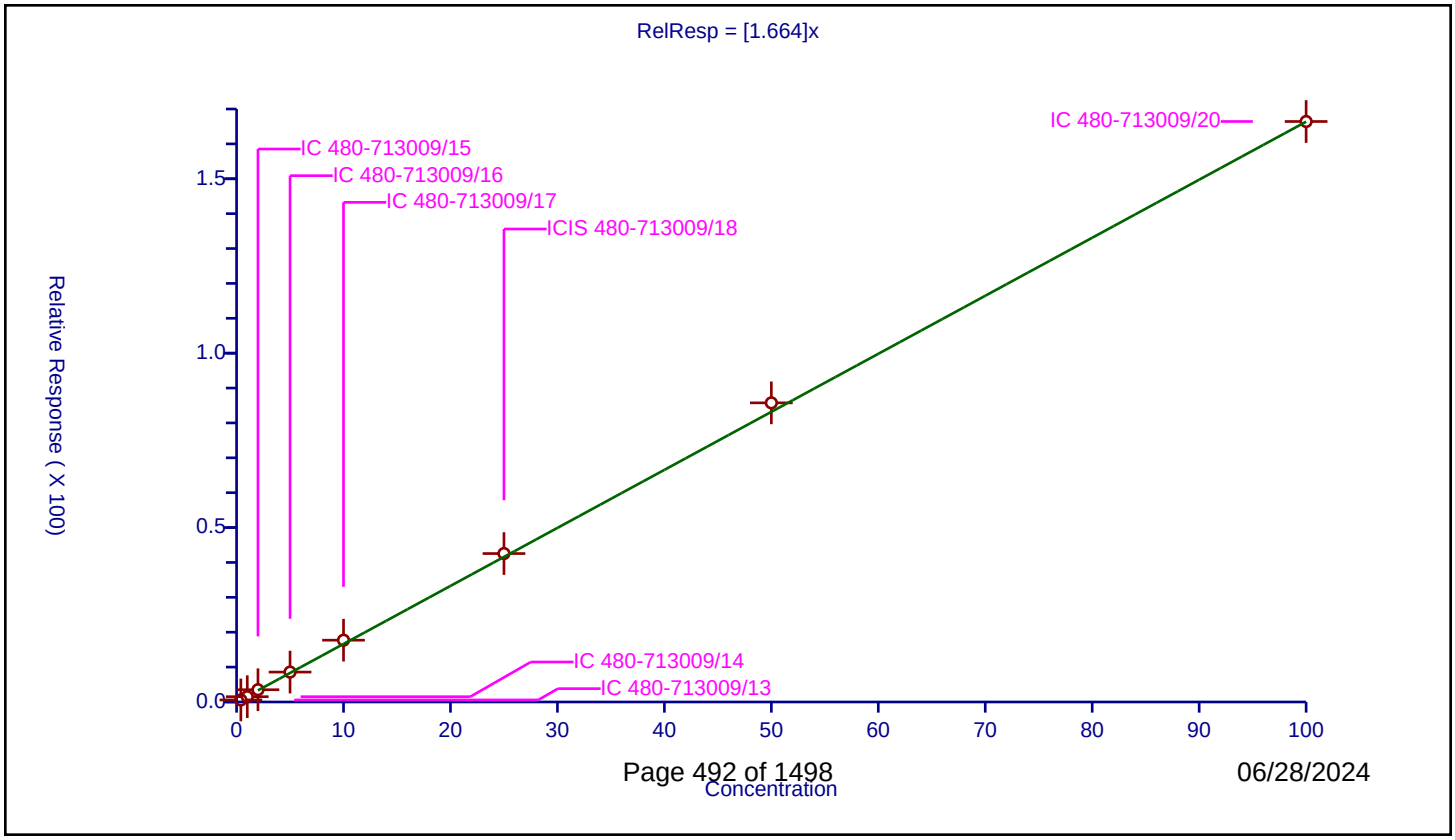
Curve Coefficients

Intercept:	0
Slope:	1.664

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.586403	25.0	158253.0	1.466007	Y
2	IC 480-713009/14	1.0	1.518822	25.0	154396.0	1.518822	Y
3	IC 480-713009/15	2.0	3.512987	25.0	154733.0	1.756493	Y
4	IC 480-713009/16	5.0	8.571067	25.0	159808.0	1.714213	Y
5	IC 480-713009/17	10.0	17.719554	25.0	158002.0	1.771955	Y
6	ICIS 480-713009/18	25.0	42.559832	25.0	159237.0	1.702393	Y
7	IC 480-713009/19	50.0	85.760823	25.0	162081.0	1.715216	Y
8	IC 480-713009/20	100.0	166.418594	25.0	163662.0	1.664186	Y



Calibration / 2-Butanone (MEK)

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

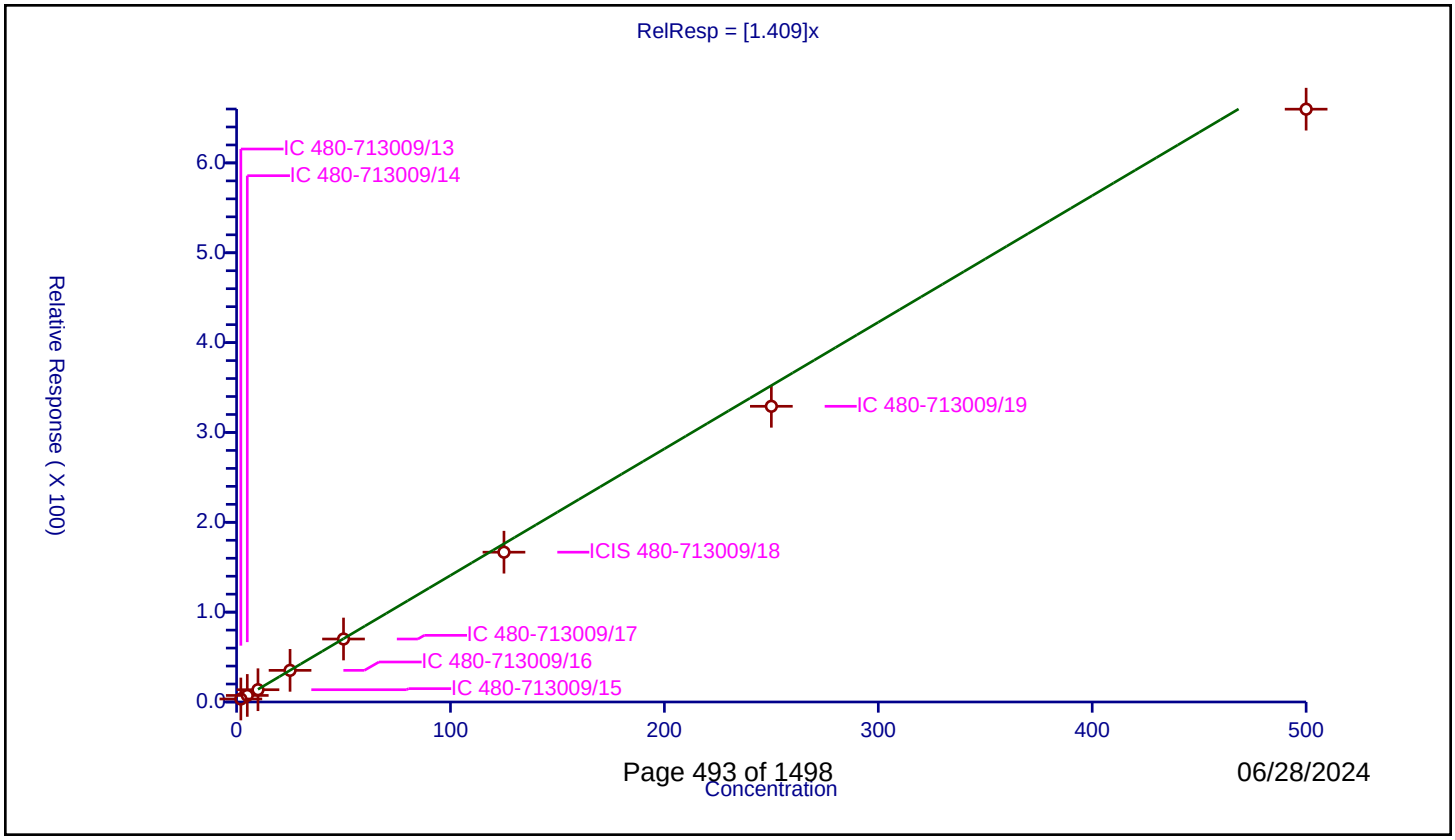
Curve Coefficients

Intercept:	0
Slope:	1.409

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	2.0	3.329795	25.0	158253.0	1.664897	Y
2	IC 480-713009/14	5.0	7.294554	25.0	154396.0	1.458911	Y
3	IC 480-713009/15	10.0	13.672908	25.0	154733.0	1.367291	Y
4	IC 480-713009/16	25.0	35.219764	25.0	159808.0	1.408791	Y
5	IC 480-713009/17	50.0	70.092467	25.0	158002.0	1.401849	Y
6	ICIS 480-713009/18	125.0	166.721616	25.0	159237.0	1.333773	Y
7	IC 480-713009/19	250.0	329.102887	25.0	162081.0	1.316412	Y
8	IC 480-713009/20	500.0	659.811532	25.0	163662.0	1.319623	Y



06/28/2024

Calibration / Chlorobromomethane

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

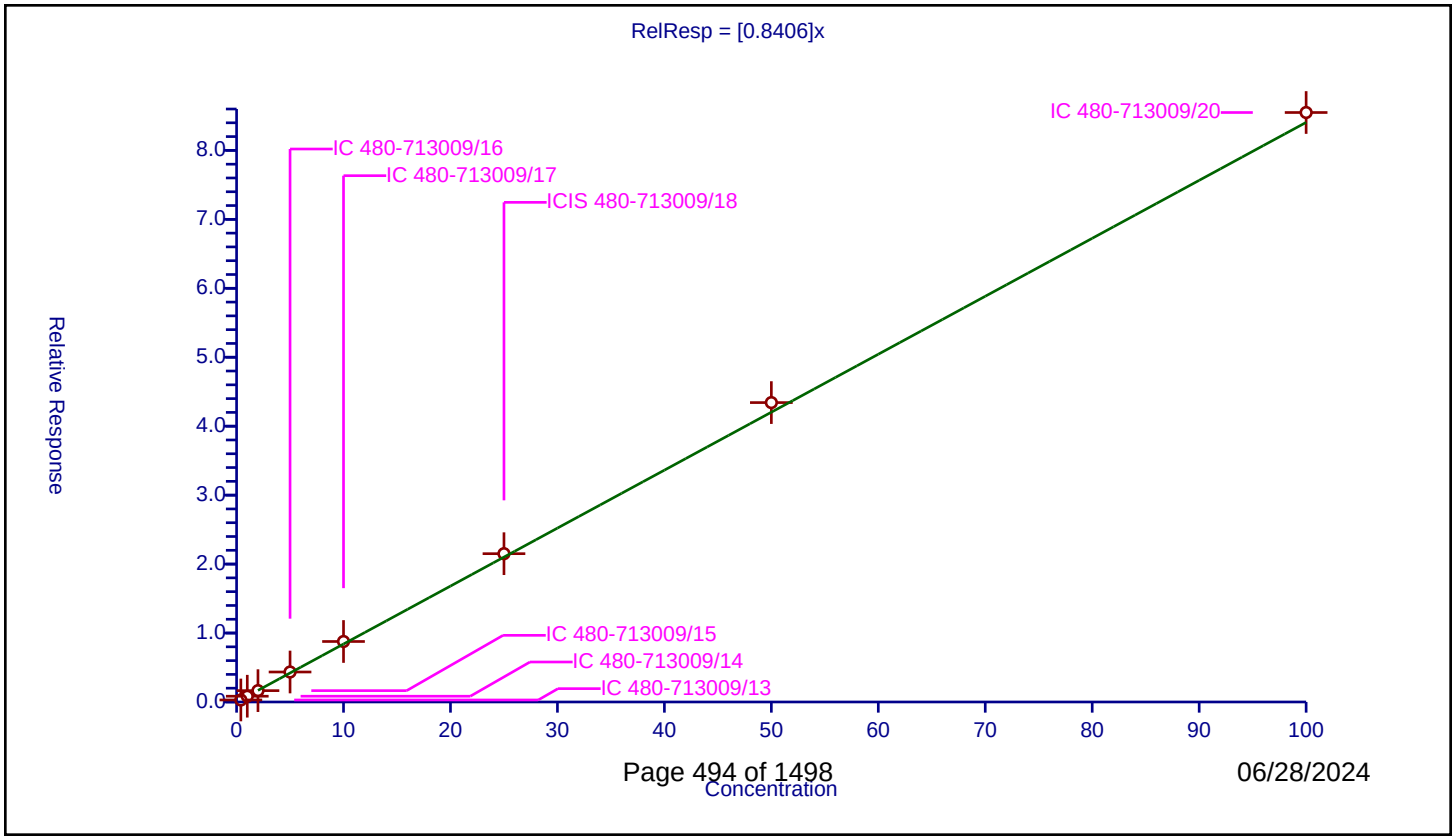
Curve Coefficients

Intercept:	0
Slope:	0.8406

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.293201	25.0	158253.0	0.733003	Y
2	IC 480-713009/14	1.0	0.838267	25.0	154396.0	0.838267	Y
3	IC 480-713009/15	2.0	1.645253	25.0	154733.0	0.822627	Y
4	IC 480-713009/16	5.0	4.347874	25.0	159808.0	0.869575	Y
5	IC 480-713009/17	10.0	8.774256	25.0	158002.0	0.877426	Y
6	ICIS 480-713009/18	25.0	21.510547	25.0	159237.0	0.860422	Y
7	IC 480-713009/19	50.0	43.420728	25.0	162081.0	0.868415	Y
8	IC 480-713009/20	100.0	85.492814	25.0	163662.0	0.854928	Y



Calibration / Tetrahydrofuran

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

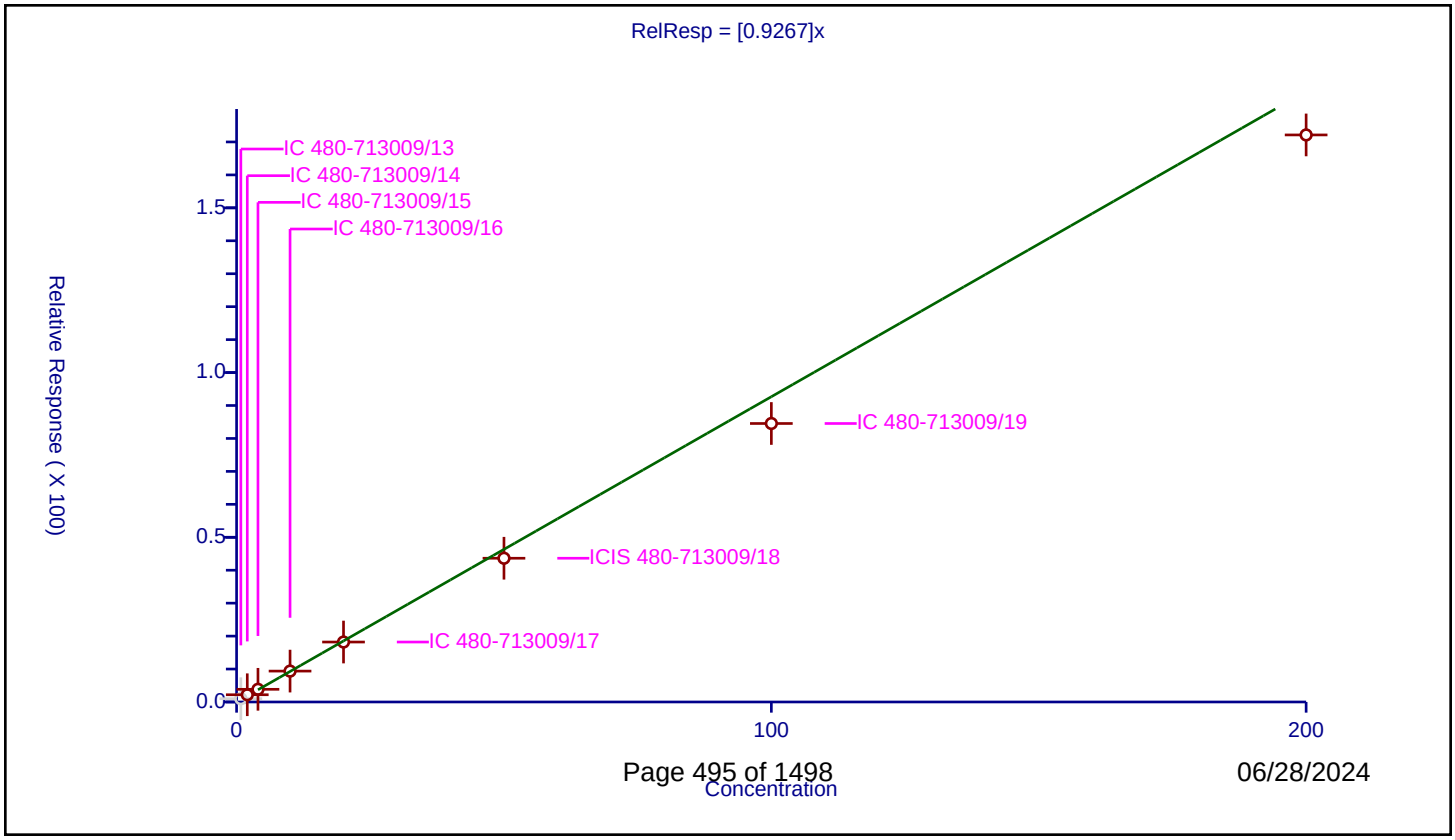
Curve Coefficients

Intercept:	0
Slope:	0.9267

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.8	0.999349	25.0	158253.0	1.249186	N
2	IC 480-713009/14	2.0	2.195005	25.0	154396.0	1.097503	Y
3	IC 480-713009/15	4.0	3.852443	25.0	154733.0	0.963111	Y
4	IC 480-713009/16	10.0	9.374531	25.0	159808.0	0.937453	Y
5	IC 480-713009/17	20.0	18.198662	25.0	158002.0	0.909933	Y
6	ICIS 480-713009/18	50.0	43.636372	25.0	159237.0	0.872727	Y
7	IC 480-713009/19	100.0	84.541834	25.0	162081.0	0.845418	Y
8	IC 480-713009/20	200.0	172.135407	25.0	163662.0	0.860677	Y



Calibration / Chloroform

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

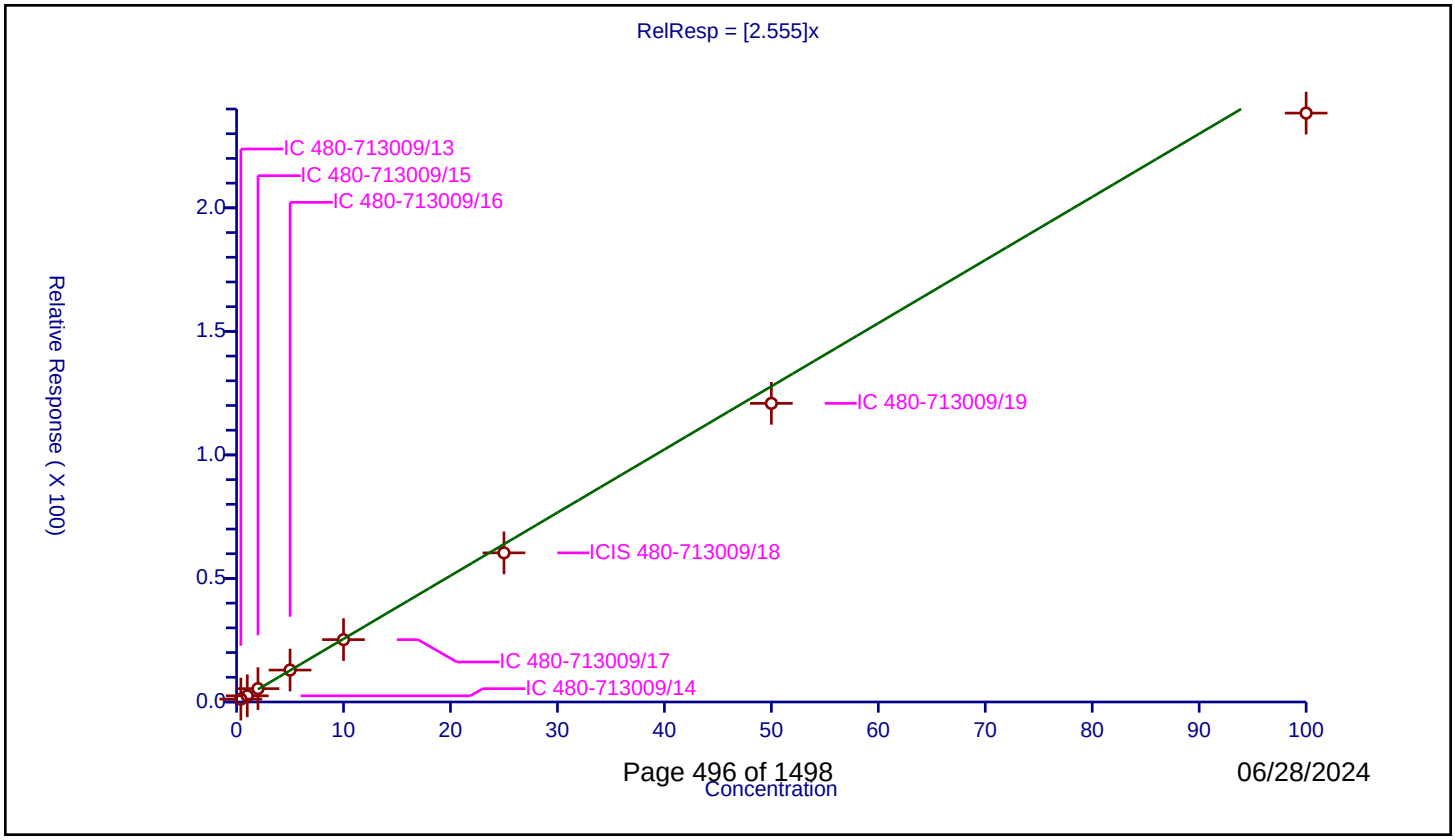
Curve Coefficients

Intercept:	0
Slope:	2.555

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.167434	25.0	158253.0	2.918586	Y
2	IC 480-713009/14	1.0	2.496179	25.0	154396.0	2.496179	Y
3	IC 480-713009/15	2.0	5.403502	25.0	154733.0	2.701751	Y
4	IC 480-713009/16	5.0	12.929734	25.0	159808.0	2.585947	Y
5	IC 480-713009/17	10.0	25.242402	25.0	158002.0	2.52424	Y
6	ICIS 480-713009/18	25.0	60.356889	25.0	159237.0	2.414276	Y
7	IC 480-713009/19	50.0	120.870583	25.0	162081.0	2.417412	Y
8	IC 480-713009/20	100.0	238.343659	25.0	163662.0	2.383437	Y



Calibration / 1,1,1-Trichloroethane

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

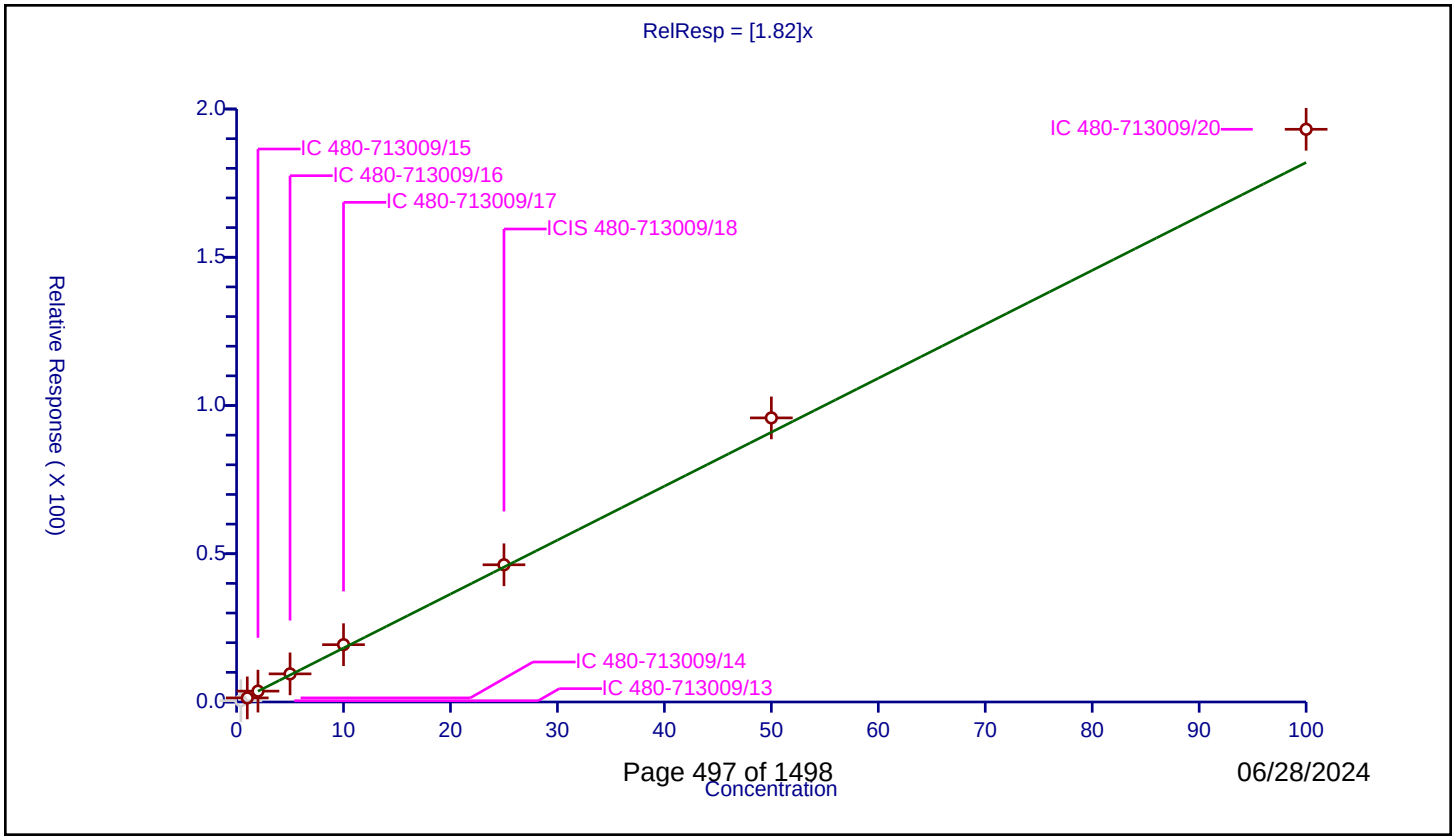
Curve Coefficients

Intercept:	0
Slope:	1.82

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.431587	25.0	158253.0	1.078968	N
2	IC 480-713009/14	1.0	1.376493	25.0	154396.0	1.376493	Y
3	IC 480-713009/15	2.0	3.662599	25.0	154733.0	1.8313	Y
4	IC 480-713009/16	5.0	9.486384	25.0	159808.0	1.897277	Y
5	IC 480-713009/17	10.0	19.334724	25.0	158002.0	1.933472	Y
6	ICIS 480-713009/18	25.0	46.279916	25.0	159237.0	1.851197	Y
7	IC 480-713009/19	50.0	95.821534	25.0	162081.0	1.916431	Y
8	IC 480-713009/20	100.0	193.166557	25.0	163662.0	1.931666	Y



Calibration / Cyclohexane

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

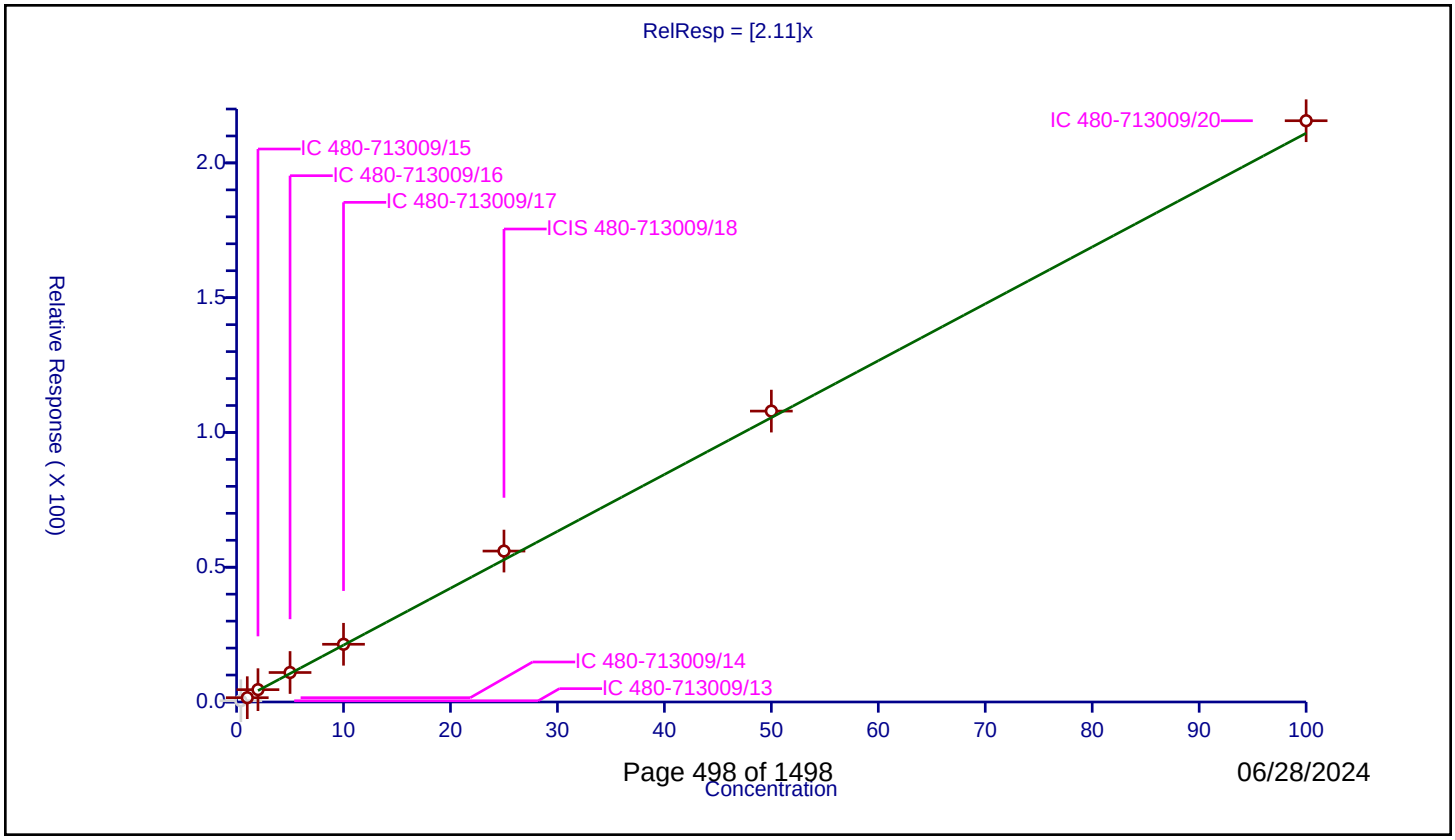
Curve Coefficients

Intercept:	0
Slope:	2.11

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.4556	25.0	158253.0	1.138999	N
2	IC 480-713009/14	1.0	1.601402	25.0	154396.0	1.601402	Y
3	IC 480-713009/15	2.0	4.575624	25.0	154733.0	2.287812	Y
4	IC 480-713009/16	5.0	10.932807	25.0	159808.0	2.186561	Y
5	IC 480-713009/17	10.0	21.412387	25.0	158002.0	2.141239	Y
6	ICIS 480-713009/18	25.0	55.99421	25.0	159237.0	2.239768	Y
7	IC 480-713009/19	50.0	107.928289	25.0	162081.0	2.158566	Y
8	IC 480-713009/20	100.0	215.658797	25.0	163662.0	2.156588	Y



Calibration / Dibromofluoromethane (Surr)

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

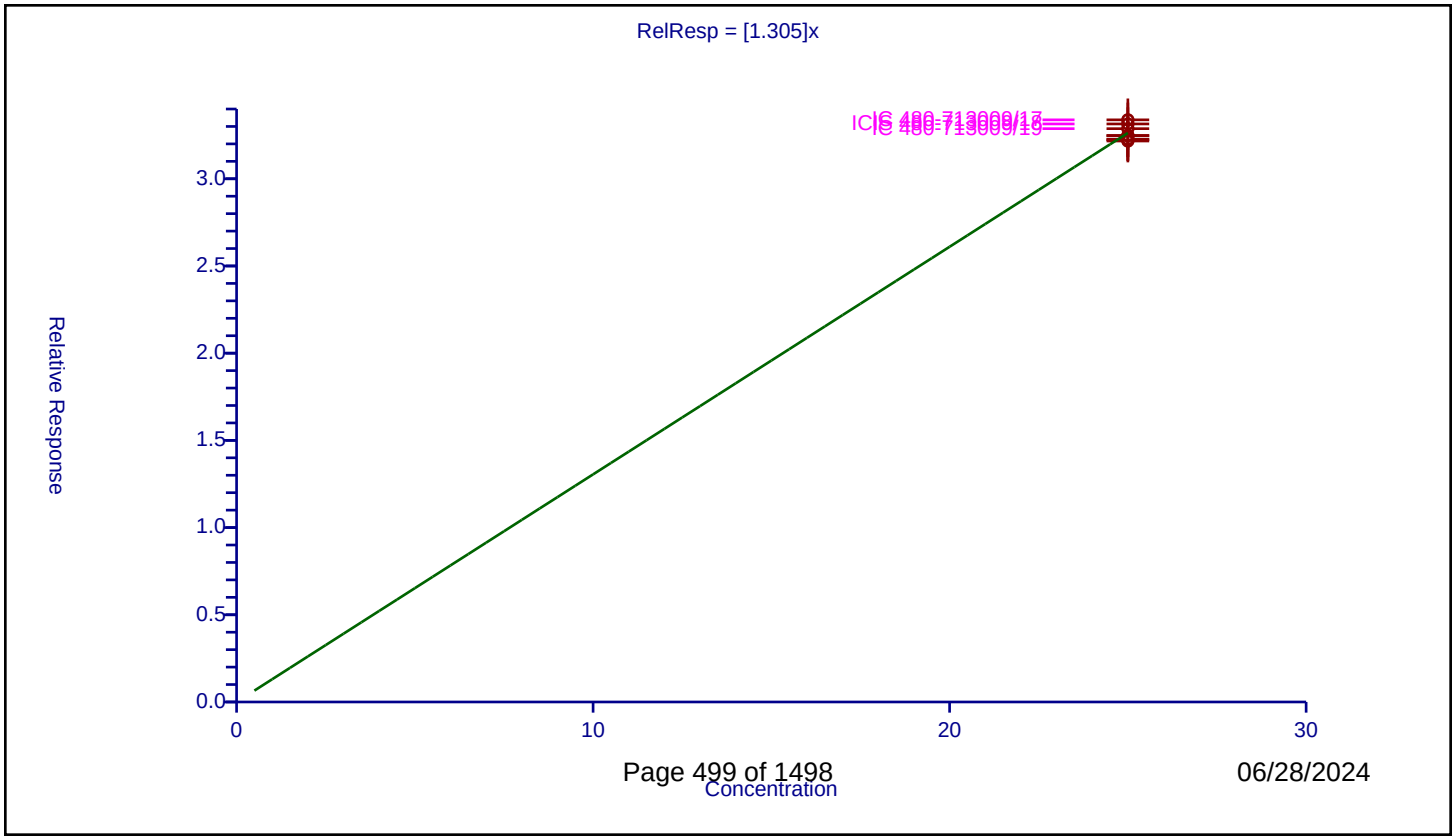
Curve Coefficients

Intercept:	0
Slope:	1.305

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	25.0	32.165109	25.0	158253.0	1.286604	Y
2	IC 480-713009/14	25.0	32.48465	25.0	154396.0	1.299386	Y
3	IC 480-713009/15	25.0	32.461886	25.0	154733.0	1.298475	Y
4	IC 480-713009/16	25.0	32.242441	25.0	159808.0	1.289698	Y
5	IC 480-713009/17	25.0	33.379957	25.0	158002.0	1.335198	Y
6	ICIS 480-713009/18	25.0	33.143993	25.0	159237.0	1.32576	Y
7	IC 480-713009/19	25.0	32.873224	25.0	162081.0	1.314929	Y
8	IC 480-713009/20	25.0	32.26314	25.0	163662.0	1.290526	Y



06/28/2024

Calibration / Carbon tetrachloride

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

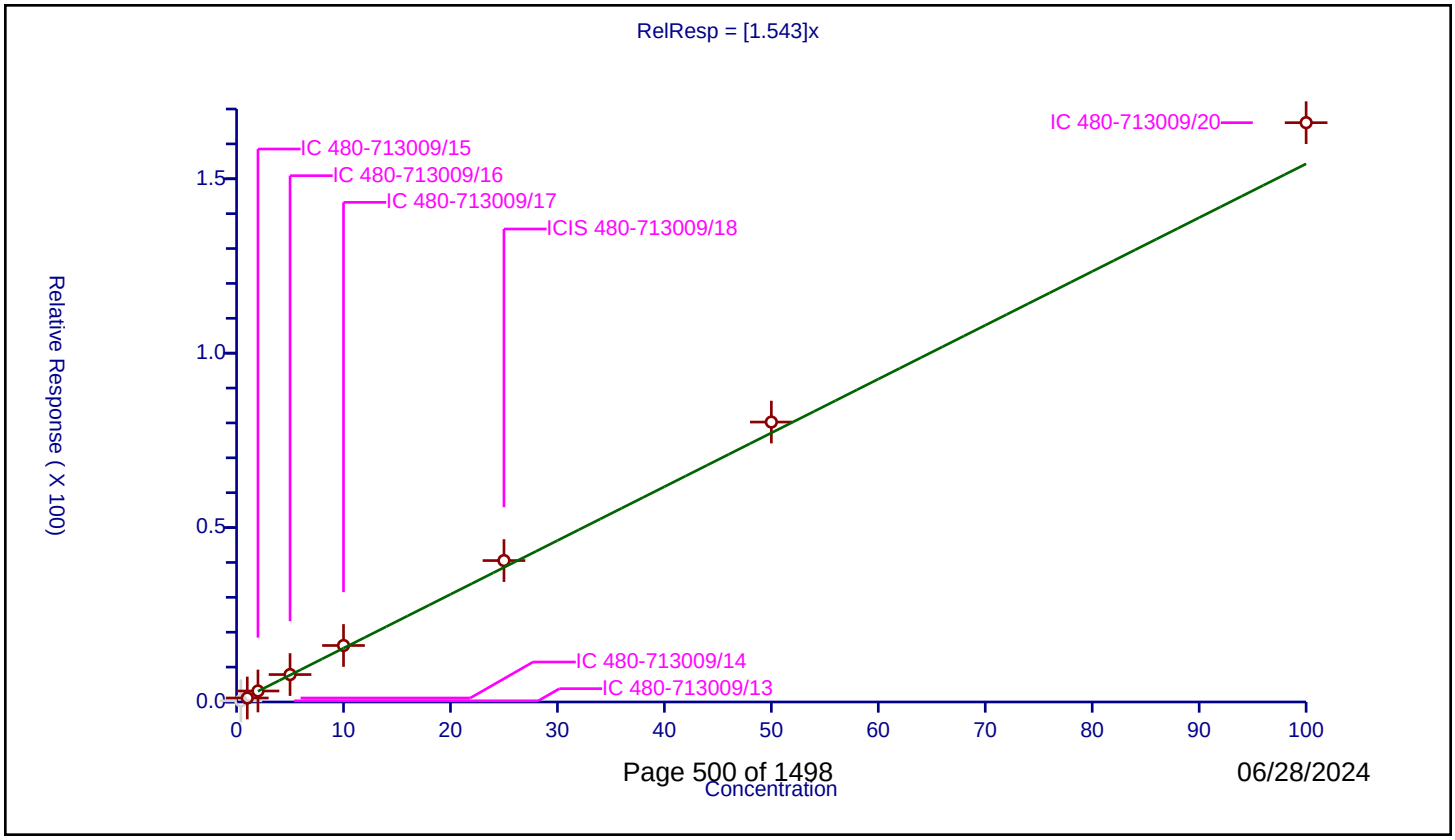
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.337276	25.0	158253.0	0.843191	N
2	IC 480-713009/14	1.0	1.146079	25.0	154396.0	1.146079	Y
3	IC 480-713009/15	2.0	3.149781	25.0	154733.0	1.57489	Y
4	IC 480-713009/16	5.0	7.860683	25.0	159808.0	1.572137	Y
5	IC 480-713009/17	10.0	16.192517	25.0	158002.0	1.619252	Y
6	ICIS 480-713009/18	25.0	40.54444	25.0	159237.0	1.621778	Y
7	IC 480-713009/19	50.0	80.255243	25.0	162081.0	1.605105	Y
8	IC 480-713009/20	100.0	166.088341	25.0	163662.0	1.660883	Y



Calibration / 1,1-Dichloropropene

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

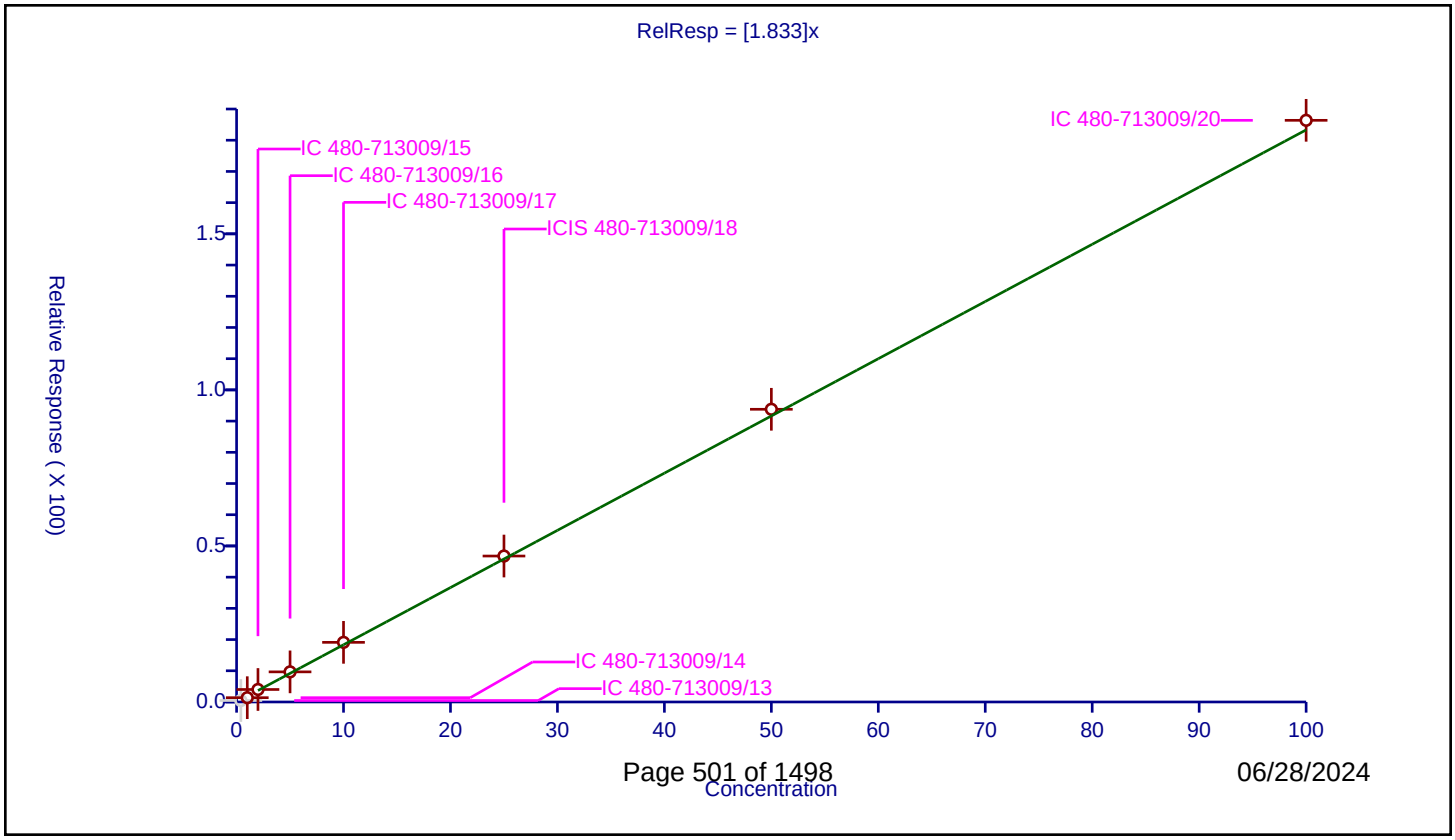
Curve Coefficients

Intercept:	0
Slope:	1.833

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.470607	25.0	158253.0	1.176518	N
2	IC 480-713009/14	1.0	1.379569	25.0	154396.0	1.379569	Y
3	IC 480-713009/15	2.0	4.000924	25.0	154733.0	2.000462	Y
4	IC 480-713009/16	5.0	9.652208	25.0	159808.0	1.930442	Y
5	IC 480-713009/17	10.0	19.111625	25.0	158002.0	1.911163	Y
6	ICIS 480-713009/18	25.0	46.766298	25.0	159237.0	1.870652	Y
7	IC 480-713009/19	50.0	93.791067	25.0	162081.0	1.875821	Y
8	IC 480-713009/20	100.0	186.376495	25.0	163662.0	1.863765	Y



Calibration / Isobutyl alcohol

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

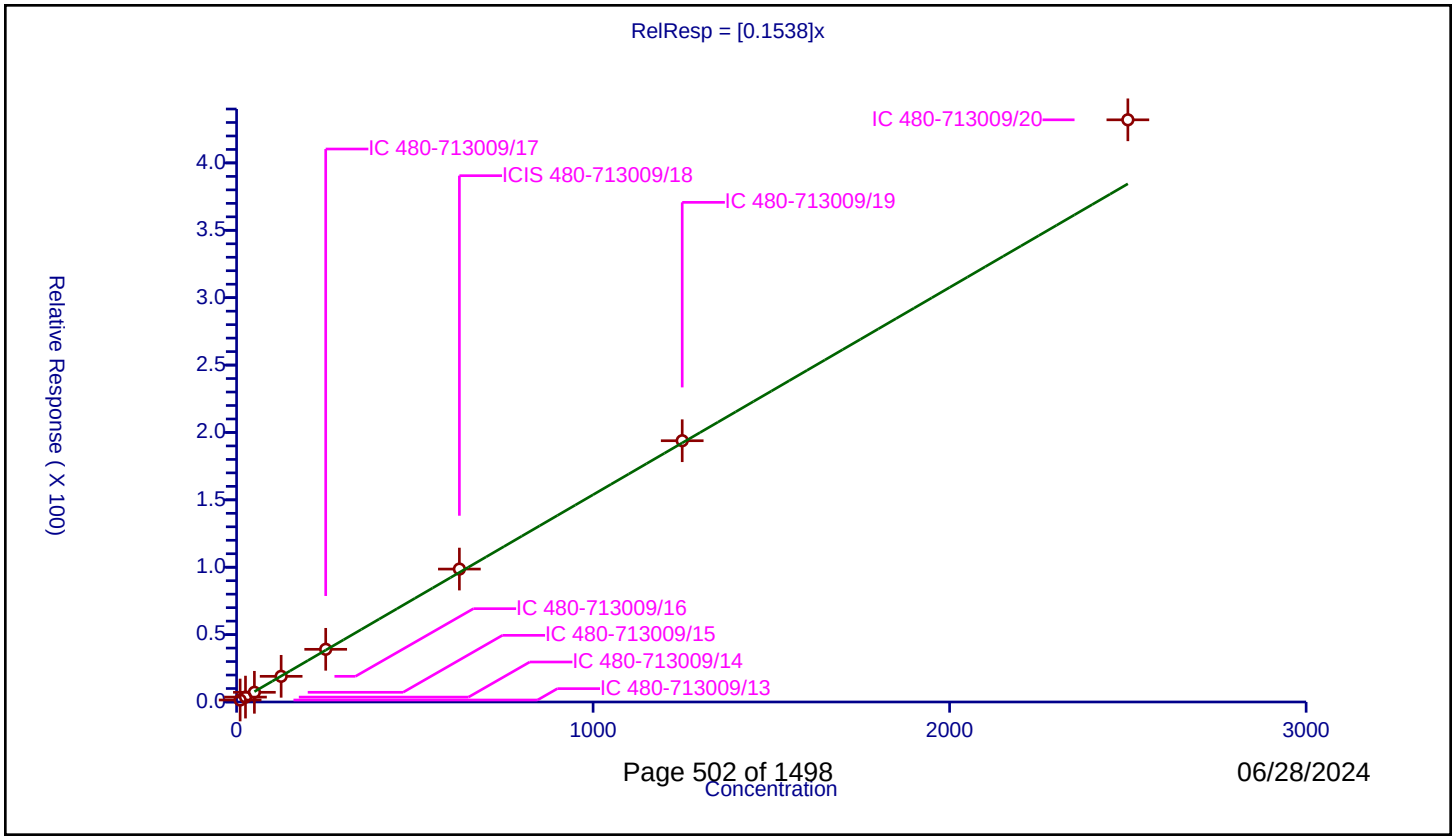
Curve Coefficients

Intercept:	0
Slope:	0.1538

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	10.0	1.467587	25.0	158253.0	0.146759	Y
2	IC 480-713009/14	25.0	3.634	25.0	154396.0	0.14536	Y
3	IC 480-713009/15	50.0	7.194813	25.0	154733.0	0.143896	Y
4	IC 480-713009/16	125.0	19.039723	25.0	159808.0	0.152318	Y
5	IC 480-713009/17	250.0	39.088746	25.0	158002.0	0.156355	Y
6	ICIS 480-713009/18	625.0	98.625947	25.0	159237.0	0.157802	Y
7	IC 480-713009/19	1250.0	193.871274	25.0	162081.0	0.155097	Y
8	IC 480-713009/20	2500.0	431.992613	25.0	163662.0	0.172797	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

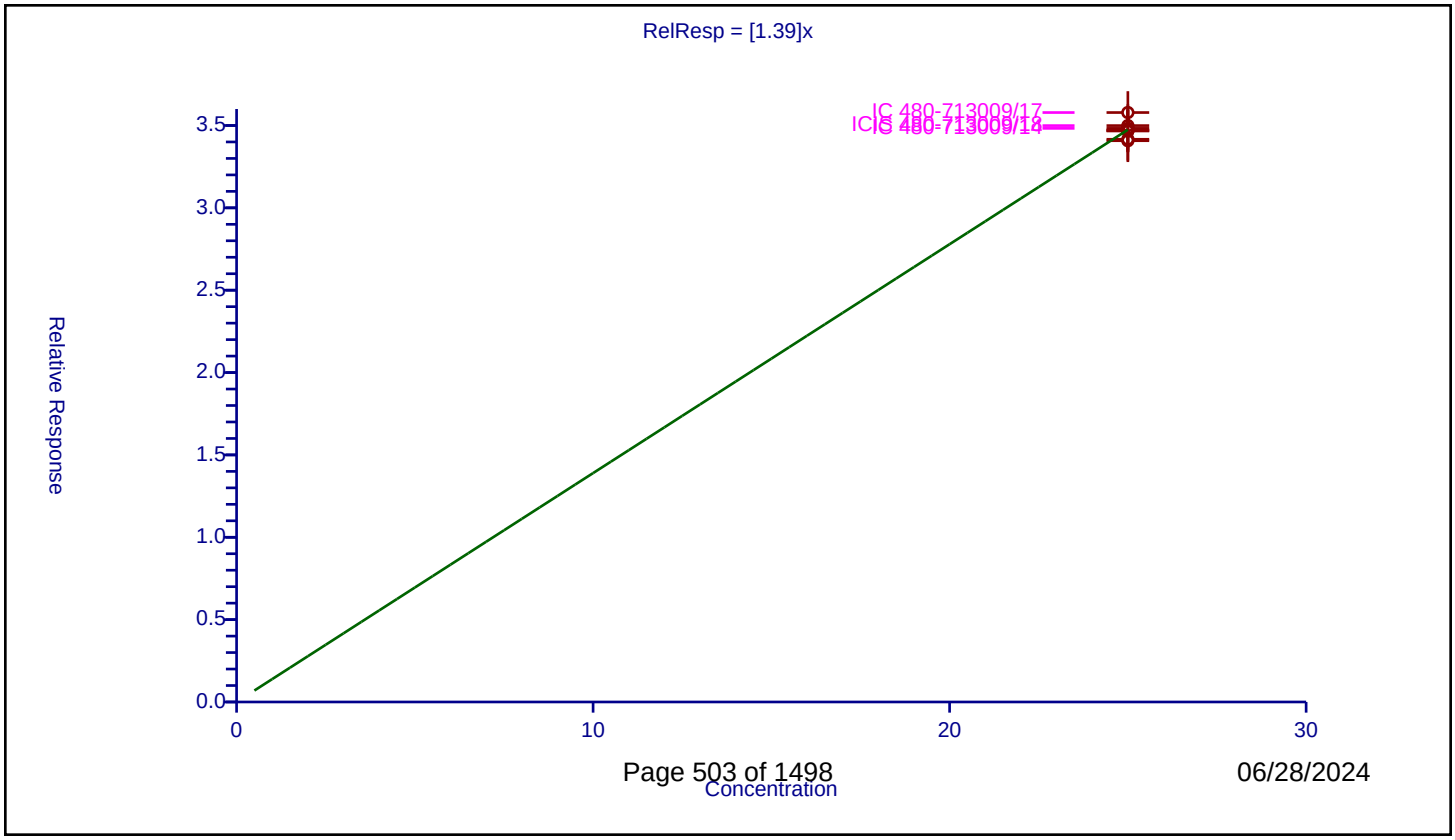
Curve Coefficients

Intercept:	0
Slope:	1.39

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	25.0	34.162386	25.0	158253.0	1.366495	Y
2	IC 480-713009/14	25.0	34.825222	25.0	154396.0	1.393009	Y
3	IC 480-713009/15	25.0	34.666005	25.0	154733.0	1.38664	Y
4	IC 480-713009/16	25.0	34.728236	25.0	159808.0	1.389129	Y
5	IC 480-713009/17	25.0	35.786414	25.0	158002.0	1.431457	Y
6	ICIS 480-713009/18	25.0	34.992495	25.0	159237.0	1.3997	Y
7	IC 480-713009/19	25.0	34.684664	25.0	162081.0	1.387387	Y
8	IC 480-713009/20	25.0	34.075412	25.0	163662.0	1.363016	Y



06/28/2024

Calibration / Benzene

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

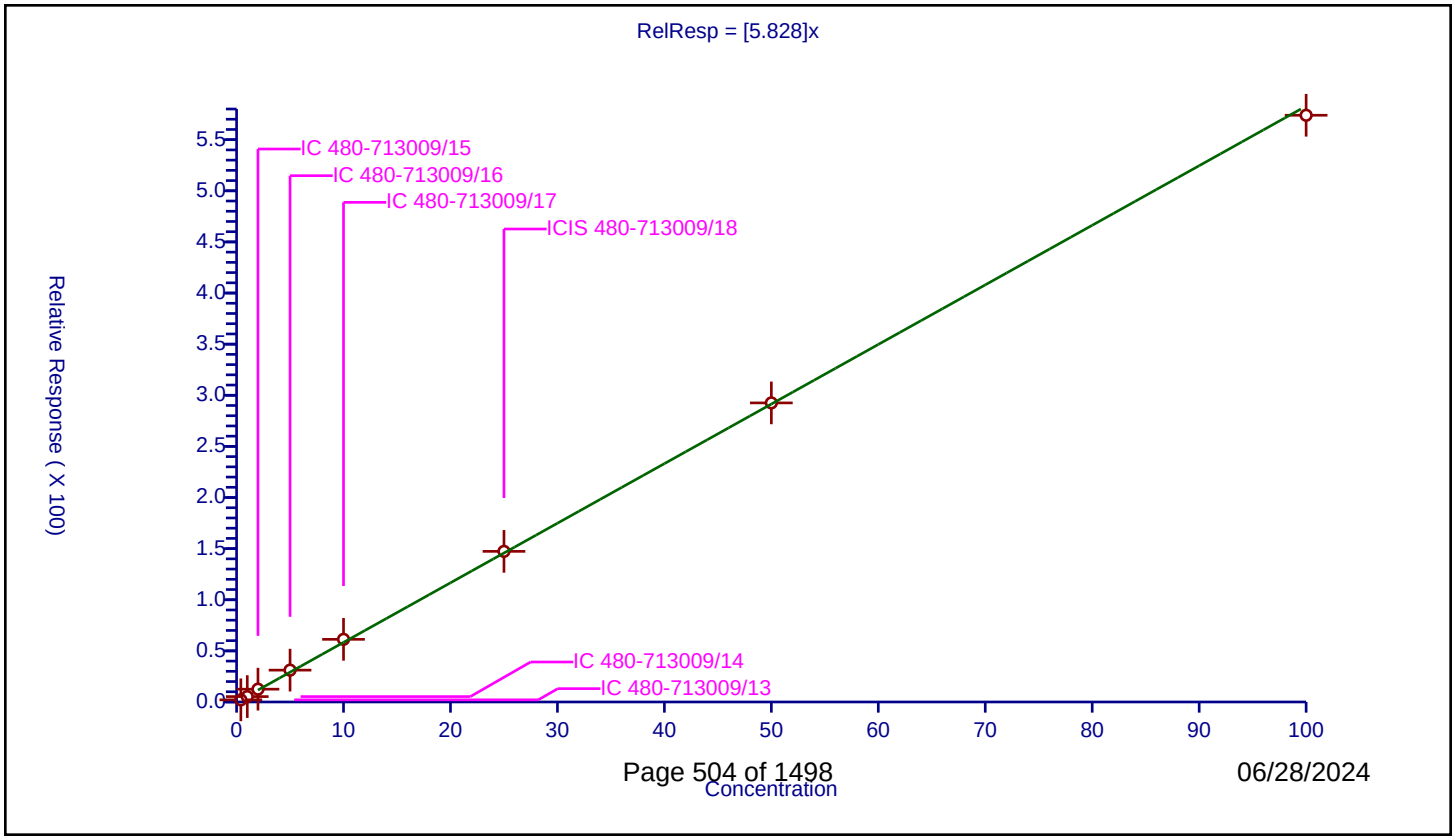
Curve Coefficients

Intercept:	0
Slope:	5.828

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	2.094589	25.0	158253.0	5.236473	Y
2	IC 480-713009/14	1.0	5.288997	25.0	154396.0	5.288997	Y
3	IC 480-713009/15	2.0	12.525932	25.0	154733.0	6.262966	Y
4	IC 480-713009/16	5.0	31.146125	25.0	159808.0	6.229225	Y
5	IC 480-713009/17	10.0	61.2728	25.0	158002.0	6.12728	Y
6	ICIS 480-713009/18	25.0	147.322073	25.0	159237.0	5.892883	Y
7	IC 480-713009/19	50.0	292.528273	25.0	162081.0	5.850565	Y
8	IC 480-713009/20	100.0	573.890091	25.0	163662.0	5.738901	Y



Calibration / 1,2-Dichloroethane

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

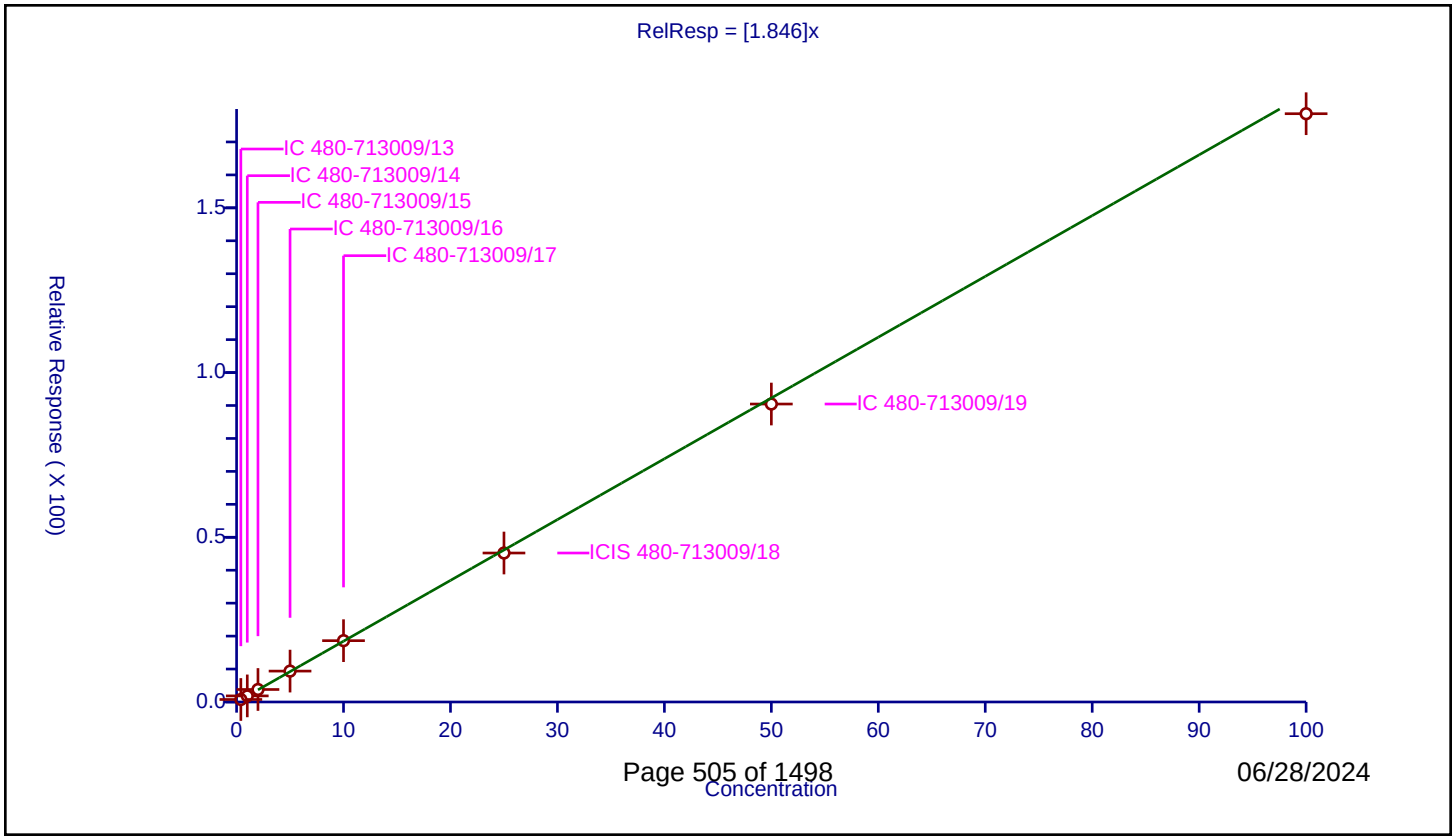
Curve Coefficients

Intercept:	0
Slope:	1.846

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.752908	25.0	158253.0	1.882271	Y
2	IC 480-713009/14	1.0	1.847198	25.0	154396.0	1.847198	Y
3	IC 480-713009/15	2.0	3.789754	25.0	154733.0	1.894877	Y
4	IC 480-713009/16	5.0	9.374844	25.0	159808.0	1.874969	Y
5	IC 480-713009/17	10.0	18.612264	25.0	158002.0	1.861226	Y
6	ICIS 480-713009/18	25.0	45.218919	25.0	159237.0	1.808757	Y
7	IC 480-713009/19	50.0	90.450608	25.0	162081.0	1.809012	Y
8	IC 480-713009/20	100.0	178.578259	25.0	163662.0	1.785783	Y



Calibration / n-Heptane

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

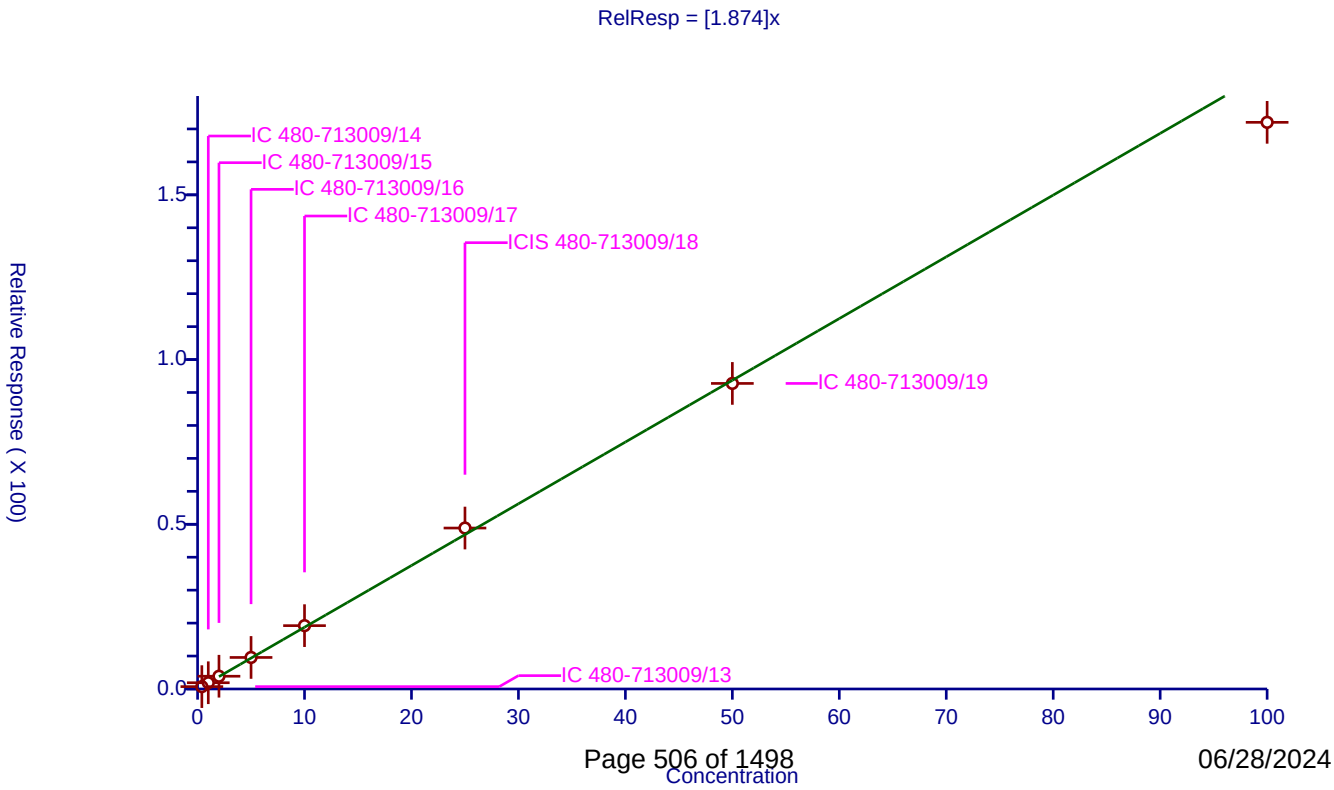
Curve Coefficients

Intercept:	0
Slope:	1.874

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.715468	25.0	158253.0	1.788671	Y
2	IC 480-713009/14	1.0	1.899175	25.0	154396.0	1.899175	Y
3	IC 480-713009/15	2.0	3.876355	25.0	154733.0	1.938177	Y
4	IC 480-713009/16	5.0	9.569921	25.0	159808.0	1.913984	Y
5	IC 480-713009/17	10.0	19.225548	25.0	158002.0	1.922555	Y
6	ICIS 480-713009/18	25.0	48.85234	25.0	159237.0	1.954094	Y
7	IC 480-713009/19	50.0	92.757017	25.0	162081.0	1.85514	Y
8	IC 480-713009/20	100.0	172.013968	25.0	163662.0	1.72014	Y



Calibration / Trichloroethene

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

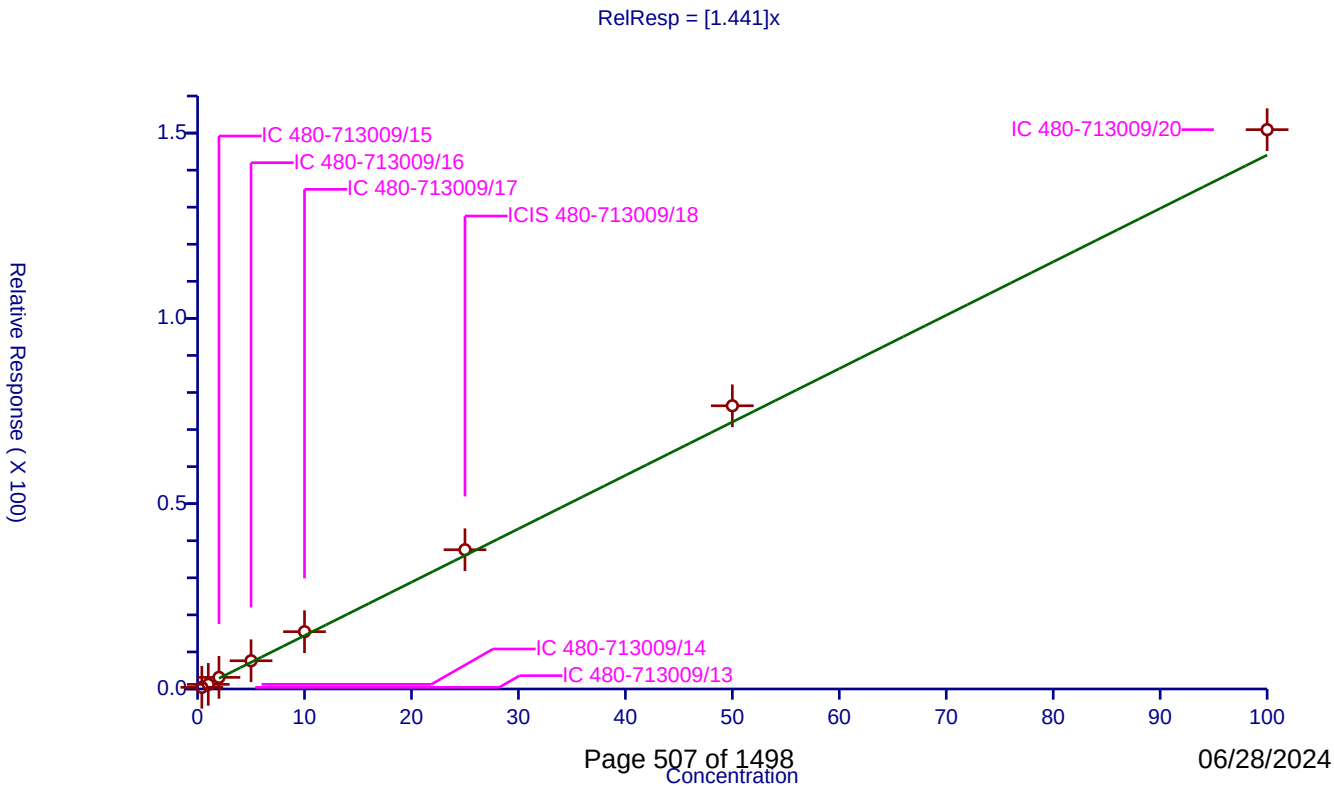
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.442014	25.0	158253.0	1.105034	Y
2	IC 480-713009/14	1.0	1.246146	25.0	154396.0	1.246146	Y
3	IC 480-713009/15	2.0	3.130554	25.0	154733.0	1.565277	Y
4	IC 480-713009/16	5.0	7.614293	25.0	159808.0	1.522859	Y
5	IC 480-713009/17	10.0	15.459773	25.0	158002.0	1.545977	Y
6	ICIS 480-713009/18	25.0	37.571356	25.0	159237.0	1.502854	Y
7	IC 480-713009/19	50.0	76.418118	25.0	162081.0	1.528362	Y
8	IC 480-713009/20	100.0	150.923855	25.0	163662.0	1.509239	Y



Calibration / Methylcyclohexane

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

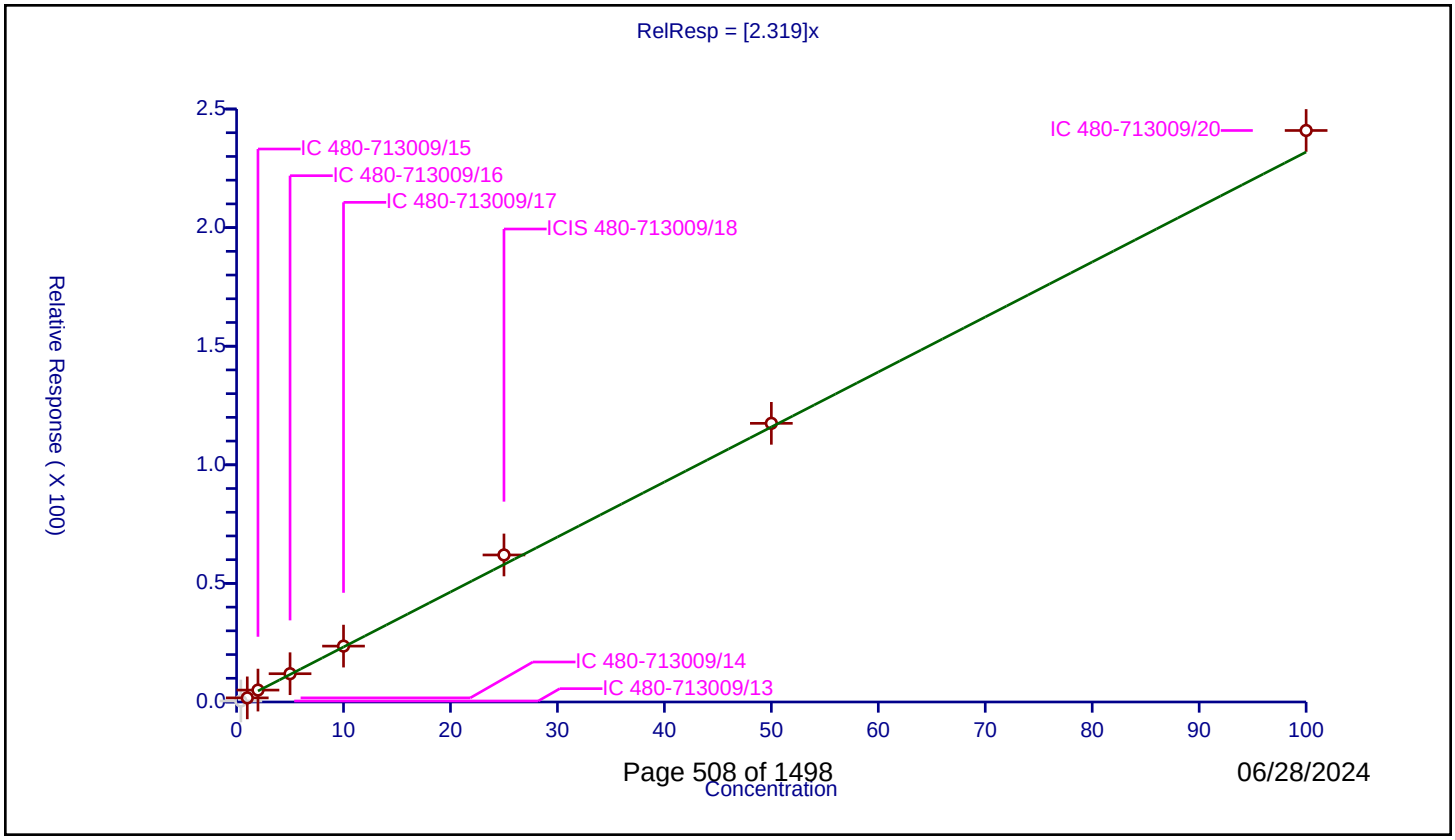
Curve Coefficients

Intercept:	0
Slope:	2.319

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.425268	25.0	158253.0	1.063171	N
2	IC 480-713009/14	1.0	1.740168	25.0	154396.0	1.740168	Y
3	IC 480-713009/15	2.0	5.024623	25.0	154733.0	2.512312	Y
4	IC 480-713009/16	5.0	11.922745	25.0	159808.0	2.384549	Y
5	IC 480-713009/17	10.0	23.554765	25.0	158002.0	2.355477	Y
6	ICIS 480-713009/18	25.0	61.989519	25.0	159237.0	2.479581	Y
7	IC 480-713009/19	50.0	117.483388	25.0	162081.0	2.349668	Y
8	IC 480-713009/20	100.0	240.944446	25.0	163662.0	2.409444	Y



Calibration / 1,2-Dichloropropane

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

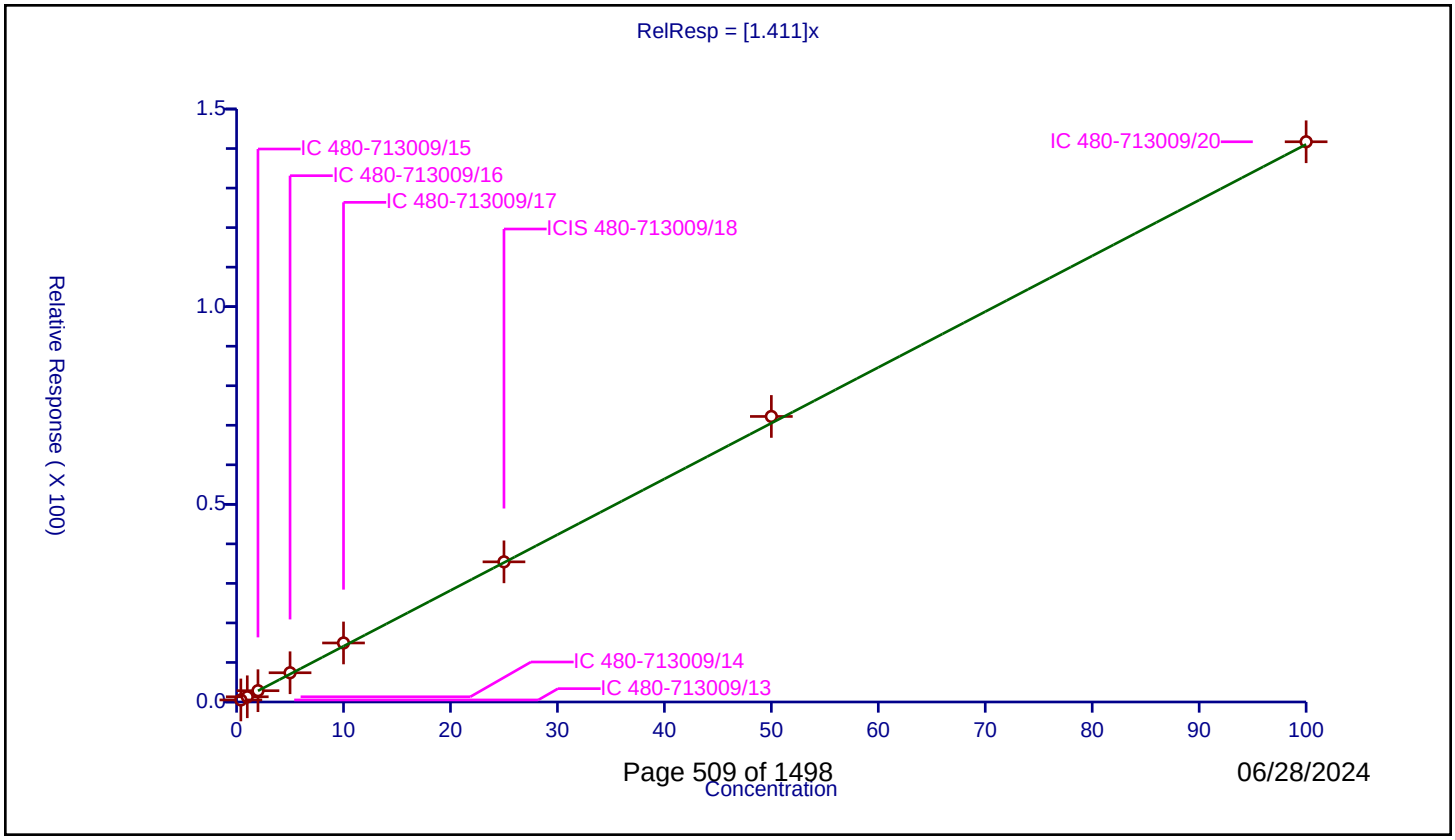
Curve Coefficients

Intercept:	0
Slope:	1.411

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.513576	25.0	158253.0	1.283941	Y
2	IC 480-713009/14	1.0	1.320954	25.0	154396.0	1.320954	Y
3	IC 480-713009/15	2.0	2.853787	25.0	154733.0	1.426893	Y
4	IC 480-713009/16	5.0	7.399817	25.0	159808.0	1.479963	Y
5	IC 480-713009/17	10.0	14.929241	25.0	158002.0	1.492924	Y
6	ICIS 480-713009/18	25.0	35.454386	25.0	159237.0	1.418175	Y
7	IC 480-713009/19	50.0	72.23194	25.0	162081.0	1.444639	Y
8	IC 480-713009/20	100.0	141.713257	25.0	163662.0	1.417133	Y



Calibration / 1,4-Dioxane

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

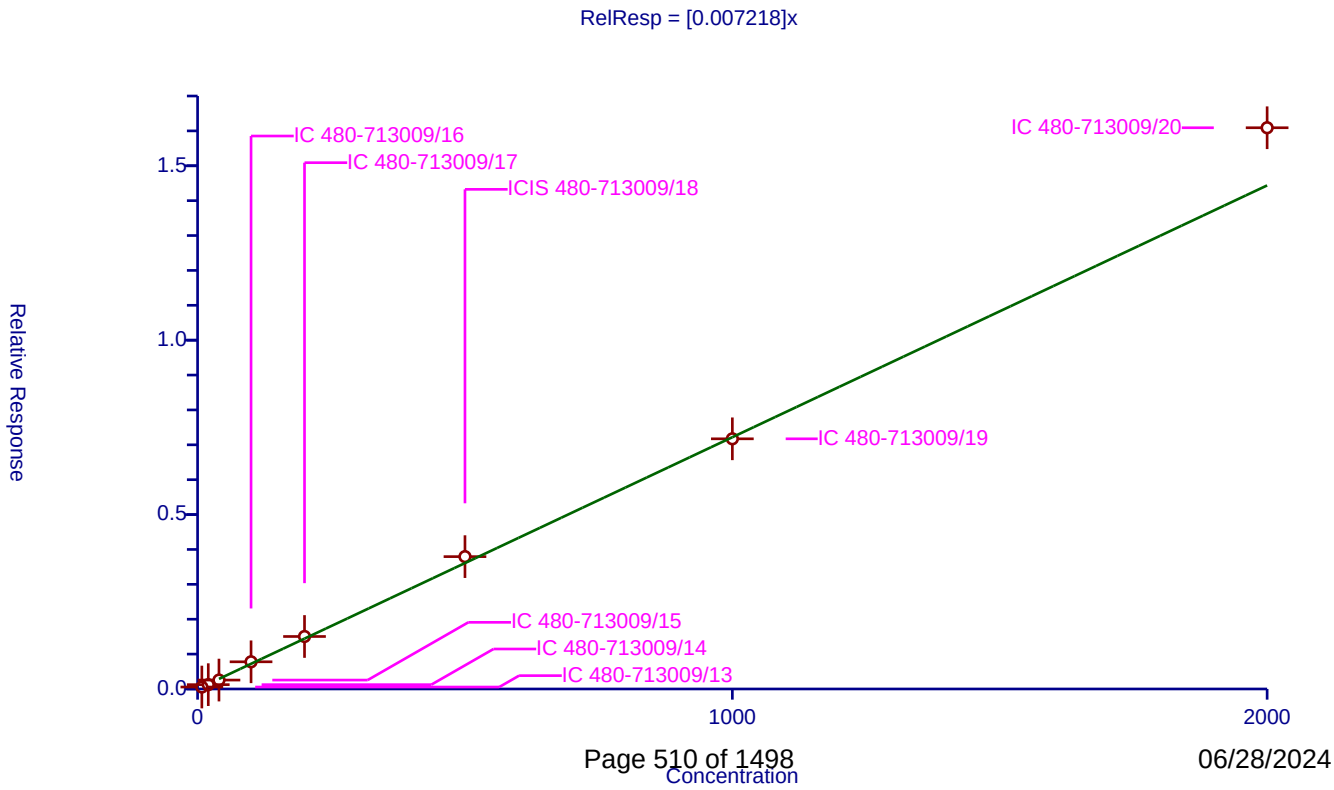
Curve Coefficients

Intercept:	0
Slope:	0.007218

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	8.0	0.056227	25.0	645154.0	0.007028	Y
2	IC 480-713009/14	20.0	0.124233	25.0	635500.0	0.006212	Y
3	IC 480-713009/15	40.0	0.255456	25.0	629170.0	0.006386	Y
4	IC 480-713009/16	100.0	0.779075	25.0	650355.0	0.007791	Y
5	IC 480-713009/17	200.0	1.50473	25.0	656214.0	0.007524	Y
6	ICIS 480-713009/18	500.0	3.794443	25.0	662449.0	0.007589	Y
7	IC 480-713009/19	1000.0	7.172398	25.0	667953.0	0.007172	Y
8	IC 480-713009/20	2000.0	16.090503	25.0	670571.0	0.008045	Y



Calibration / Dibromomethane

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

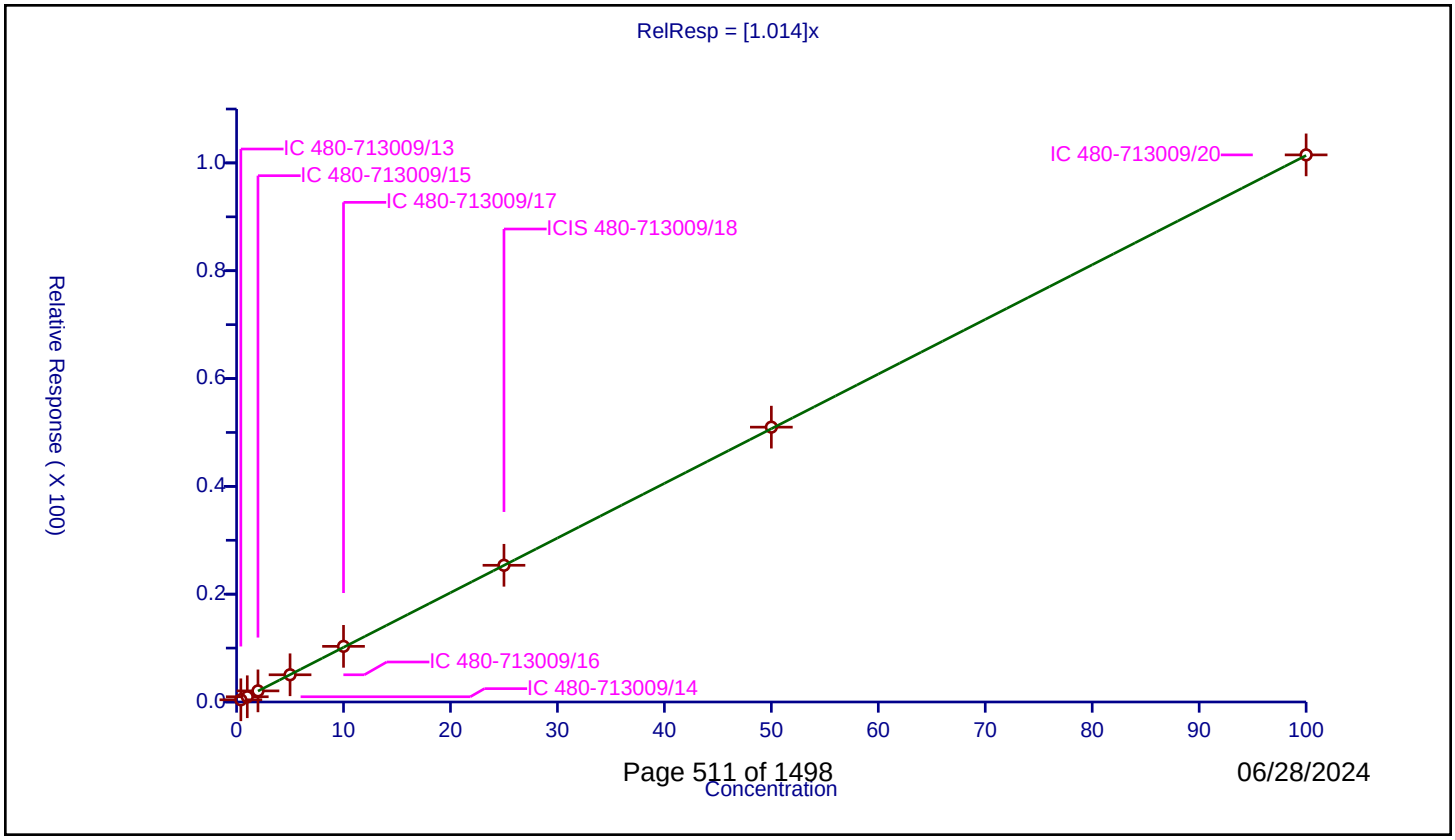
Curve Coefficients

Intercept:	0
Slope:	1.014

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.406943	25.0	158253.0	1.017358	Y
2	IC 480-713009/14	1.0	0.972499	25.0	154396.0	0.972499	Y
3	IC 480-713009/15	2.0	2.060485	25.0	154733.0	1.030242	Y
4	IC 480-713009/16	5.0	5.046212	25.0	159808.0	1.009242	Y
5	IC 480-713009/17	10.0	10.321547	25.0	158002.0	1.032155	Y
6	ICIS 480-713009/18	25.0	25.361254	25.0	159237.0	1.01445	Y
7	IC 480-713009/19	50.0	50.985773	25.0	162081.0	1.019715	Y
8	IC 480-713009/20	100.0	101.491947	25.0	163662.0	1.014919	Y



Calibration / Dichlorobromomethane

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

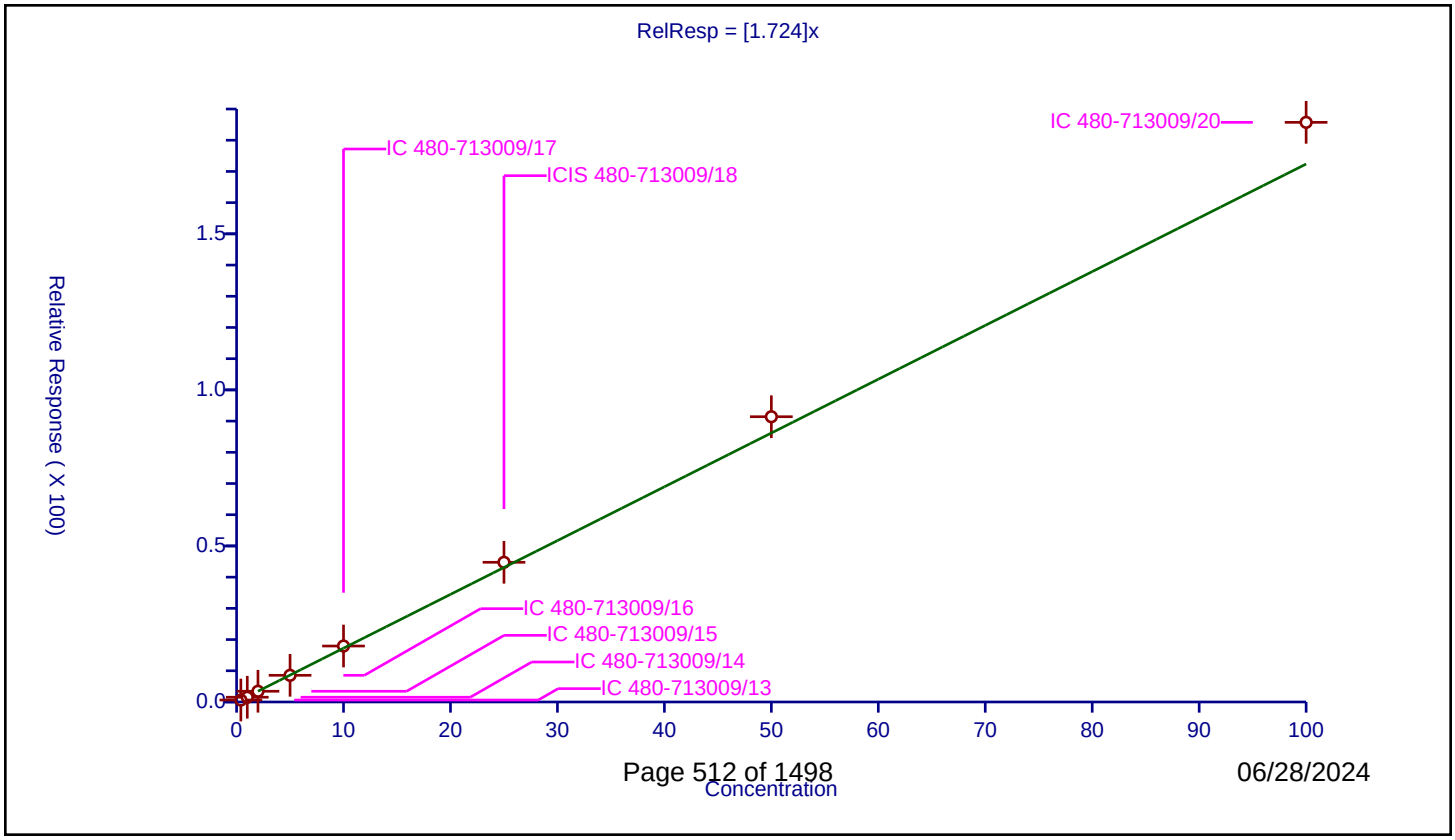
Curve Coefficients

Intercept:	0
Slope:	1.724

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.625423	25.0	158253.0	1.563556	Y
2	IC 480-713009/14	1.0	1.526756	25.0	154396.0	1.526756	Y
3	IC 480-713009/15	2.0	3.441735	25.0	154733.0	1.720868	Y
4	IC 480-713009/16	5.0	8.546662	25.0	159808.0	1.709332	Y
5	IC 480-713009/17	10.0	17.932051	25.0	158002.0	1.793205	Y
6	ICIS 480-713009/18	25.0	44.761268	25.0	159237.0	1.790451	Y
7	IC 480-713009/19	50.0	91.402138	25.0	162081.0	1.828043	Y
8	IC 480-713009/20	100.0	185.729888	25.0	163662.0	1.857299	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

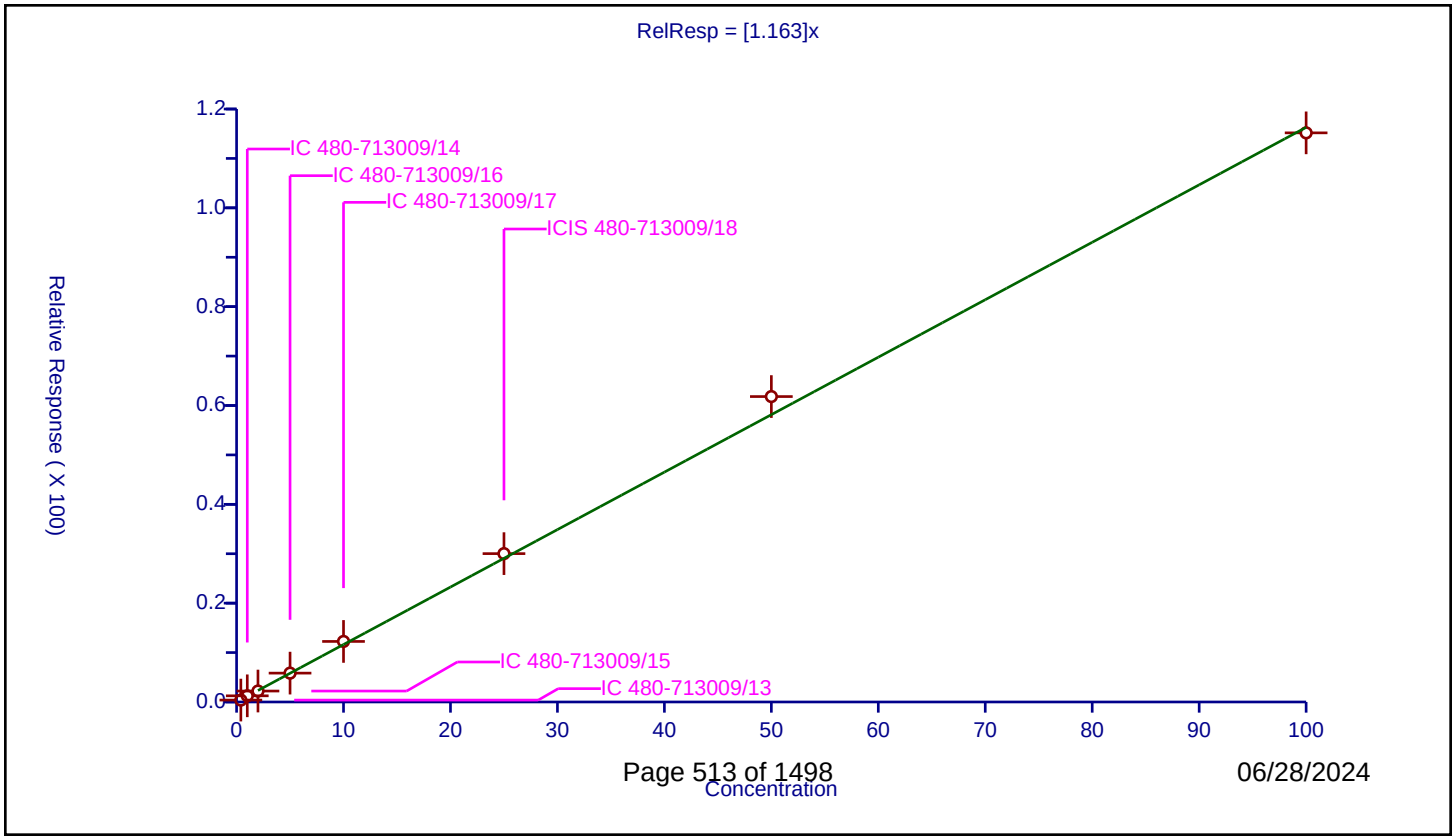
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.385459	25.0	158253.0	0.963647	Y
2	IC 480-713009/14	1.0	1.248575	25.0	154396.0	1.248575	Y
3	IC 480-713009/15	2.0	2.21656	25.0	154733.0	1.10828	Y
4	IC 480-713009/16	5.0	5.841072	25.0	159808.0	1.168214	Y
5	IC 480-713009/17	10.0	12.253801	25.0	158002.0	1.22538	Y
6	ICIS 480-713009/18	25.0	30.024743	25.0	159237.0	1.20099	Y
7	IC 480-713009/19	50.0	61.811224	25.0	162081.0	1.236224	Y
8	IC 480-713009/20	100.0	115.174109	25.0	163662.0	1.151741	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

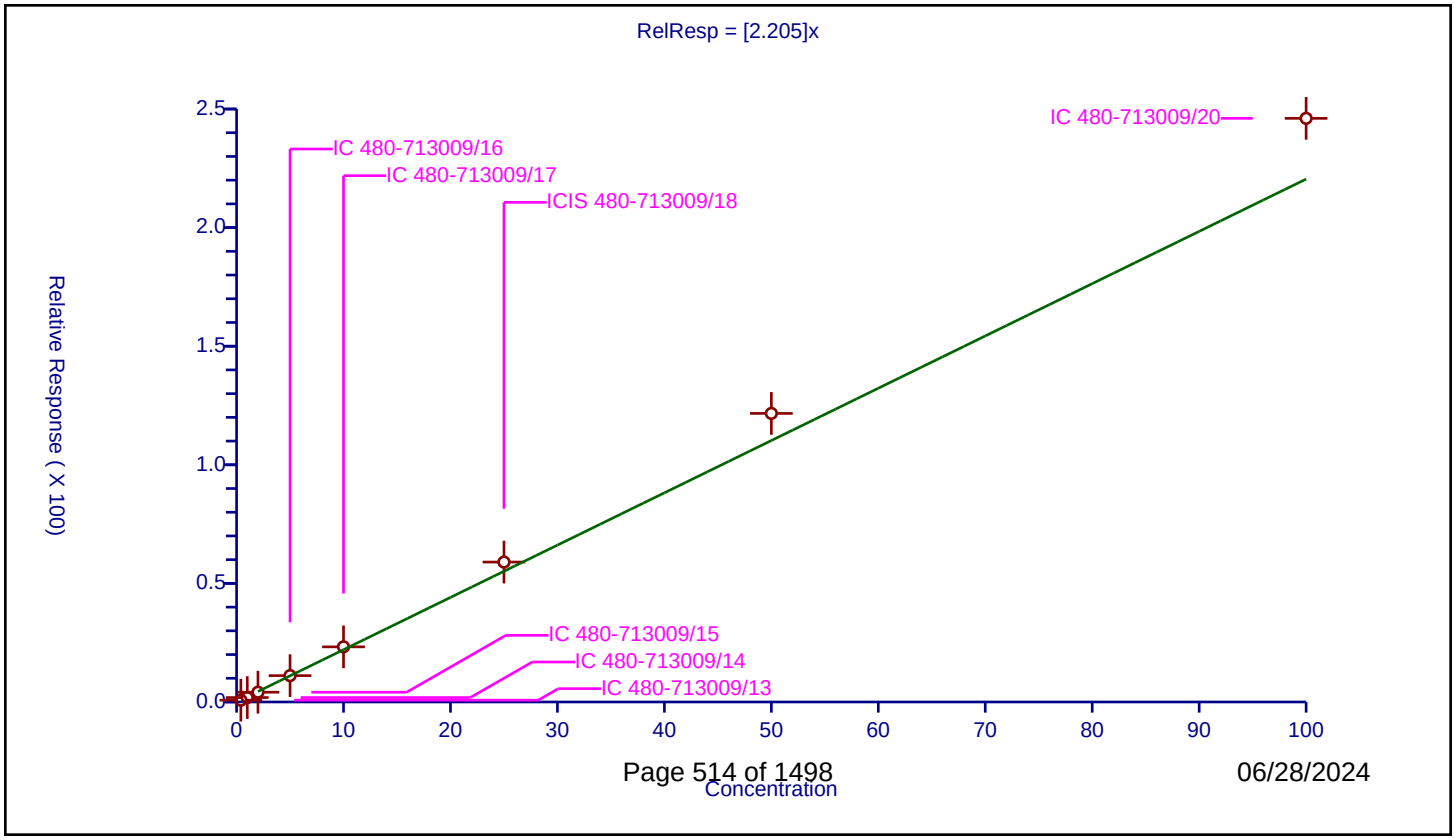
Curve Coefficients

Intercept:	0
Slope:	2.205

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.760491	25.0	158253.0	1.901228	Y
2	IC 480-713009/14	1.0	1.872782	25.0	154396.0	1.872782	Y
3	IC 480-713009/15	2.0	4.12307	25.0	154733.0	2.061535	Y
4	IC 480-713009/16	5.0	11.114588	25.0	159808.0	2.222918	Y
5	IC 480-713009/17	10.0	23.245117	25.0	158002.0	2.324512	Y
6	ICIS 480-713009/18	25.0	58.994926	25.0	159237.0	2.359797	Y
7	IC 480-713009/19	50.0	121.658615	25.0	162081.0	2.433172	Y
8	IC 480-713009/20	100.0	246.064144	25.0	163662.0	2.460641	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

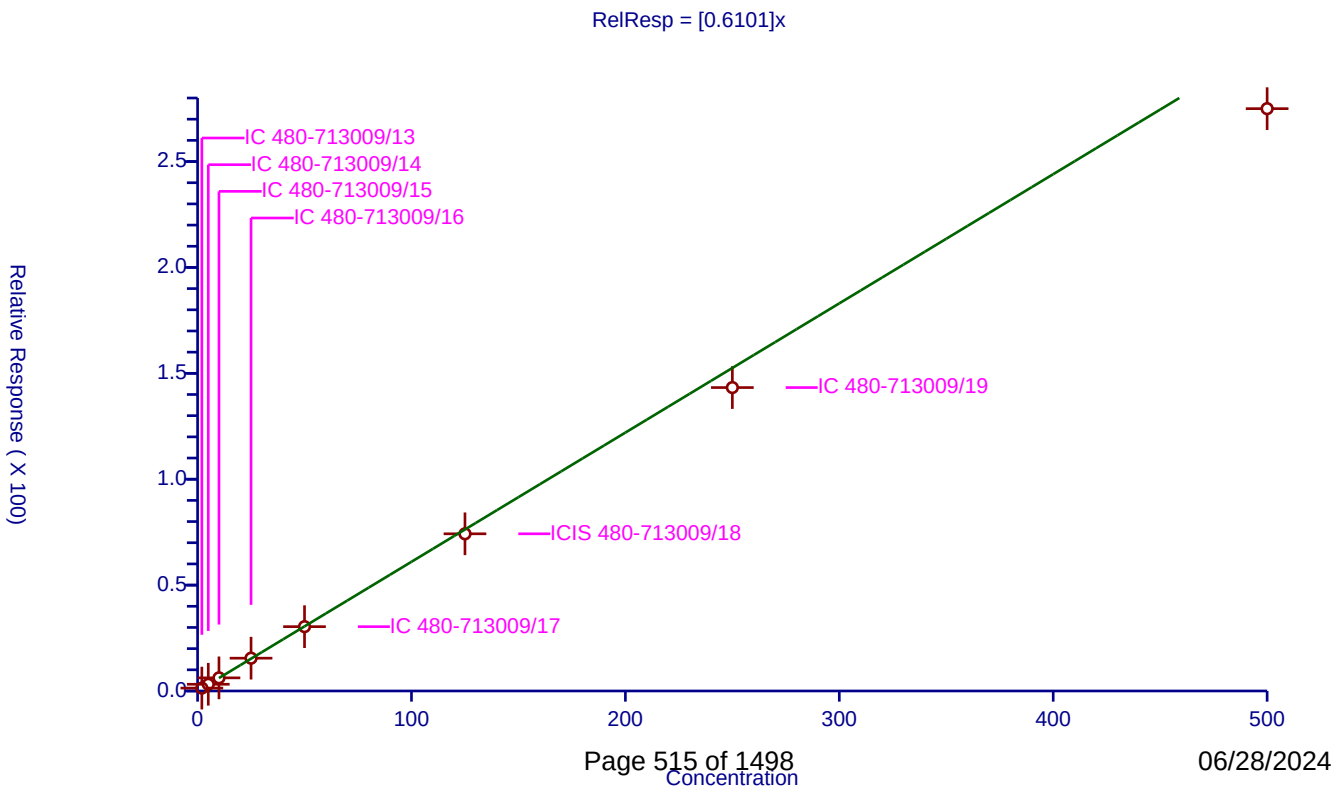
Curve Coefficients

Intercept:	0
Slope:	0.6101

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	2.0	1.361807	25.0	645154.0	0.680903	Y
2	IC 480-713009/14	5.0	3.179701	25.0	635500.0	0.63594	Y
3	IC 480-713009/15	10.0	6.197808	25.0	629170.0	0.619781	Y
4	IC 480-713009/16	25.0	15.49104	25.0	650355.0	0.619642	Y
5	IC 480-713009/17	50.0	30.379609	25.0	656214.0	0.607592	Y
6	ICIS 480-713009/18	125.0	74.223148	25.0	662449.0	0.593785	Y
7	IC 480-713009/19	250.0	143.271083	25.0	667953.0	0.573084	Y
8	IC 480-713009/20	500.0	274.978488	25.0	670571.0	0.549957	Y



Calibration / Toluene-d8 (Surr)

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

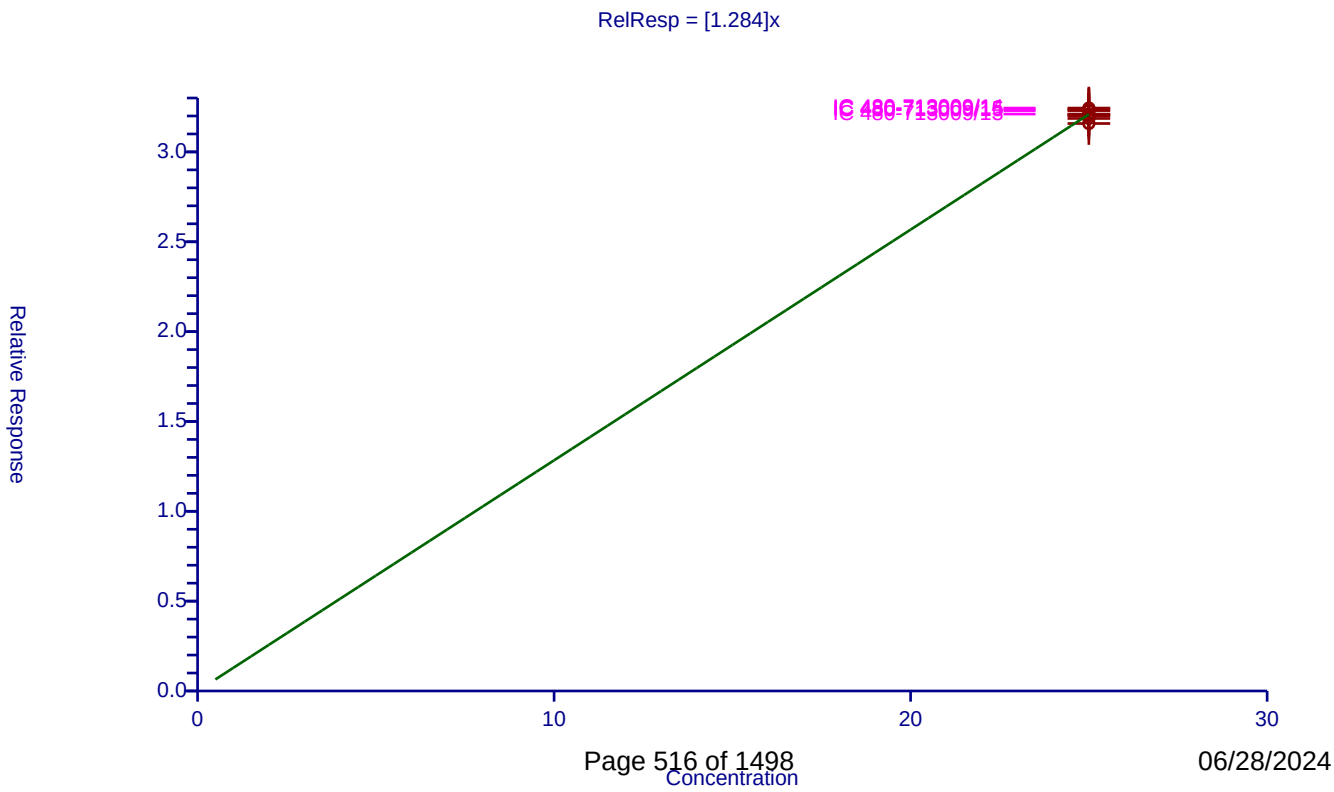
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	25.0	32.106017	25.0	645154.0	1.284241	Y
2	IC 480-713009/14	25.0	32.440991	25.0	635500.0	1.29764	Y
3	IC 480-713009/15	25.0	32.298624	25.0	629170.0	1.291945	Y
4	IC 480-713009/16	25.0	32.370475	25.0	650355.0	1.294819	Y
5	IC 480-713009/17	25.0	32.073988	25.0	656214.0	1.28296	Y
6	ICIS 480-713009/18	25.0	31.861321	25.0	662449.0	1.274453	Y
7	IC 480-713009/19	25.0	32.009475	25.0	667953.0	1.280379	Y
8	IC 480-713009/20	25.0	31.581555	25.0	670571.0	1.263262	Y



06/28/2024

Calibration / Toluene

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

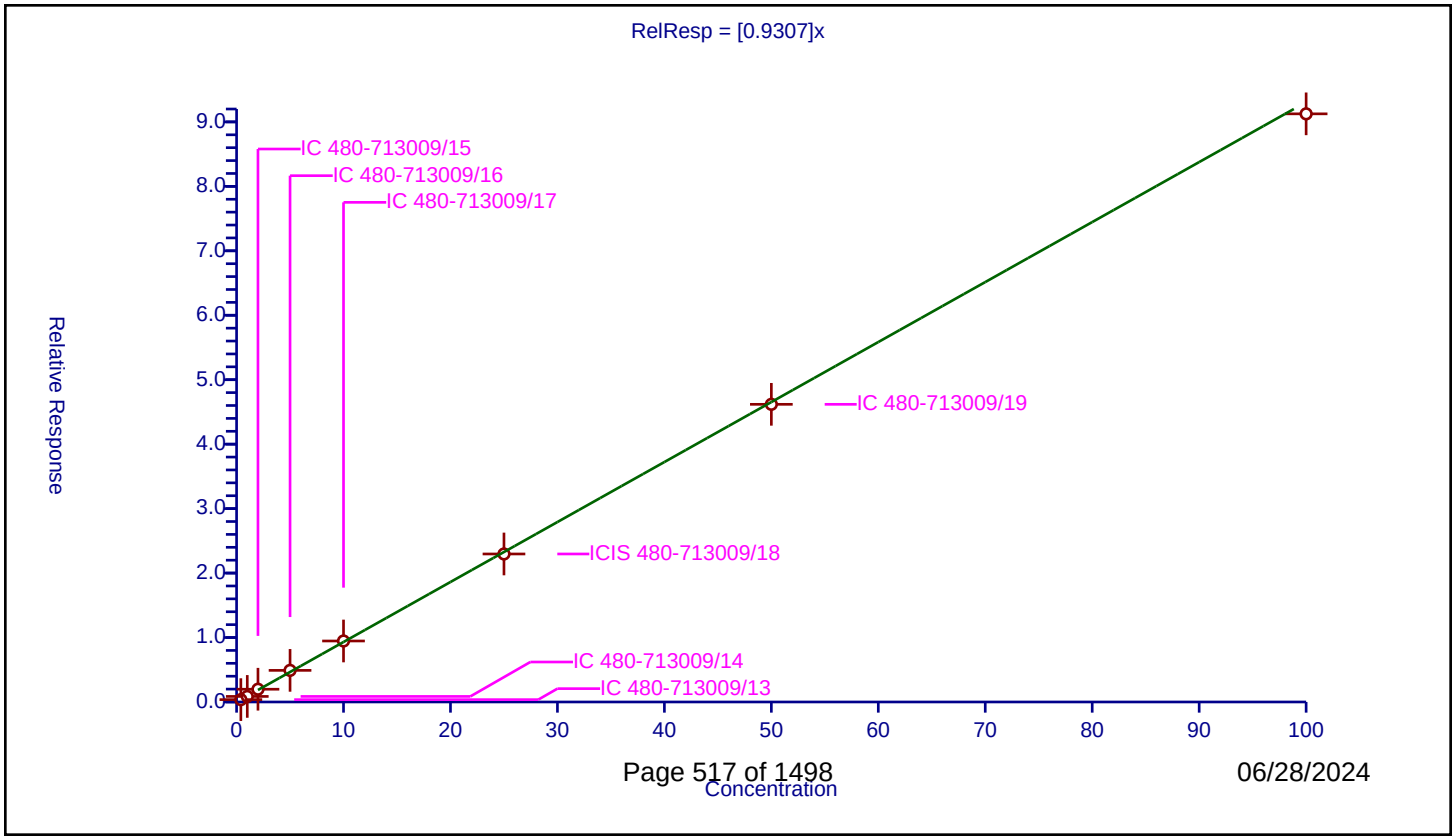
Curve Coefficients

Intercept:	0
Slope:	0.9307

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.364254	25.0	645154.0	0.910635	Y
2	IC 480-713009/14	1.0	0.864241	25.0	635500.0	0.864241	Y
3	IC 480-713009/15	2.0	1.977764	25.0	629170.0	0.988882	Y
4	IC 480-713009/16	5.0	4.903591	25.0	650355.0	0.980718	Y
5	IC 480-713009/17	10.0	9.465815	25.0	656214.0	0.946581	Y
6	ICIS 480-713009/18	25.0	22.963919	25.0	662449.0	0.918557	Y
7	IC 480-713009/19	50.0	46.182329	25.0	667953.0	0.923647	Y
8	IC 480-713009/20	100.0	91.250181	25.0	670571.0	0.912502	Y



Calibration / trans-1,3-Dichloropropene

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

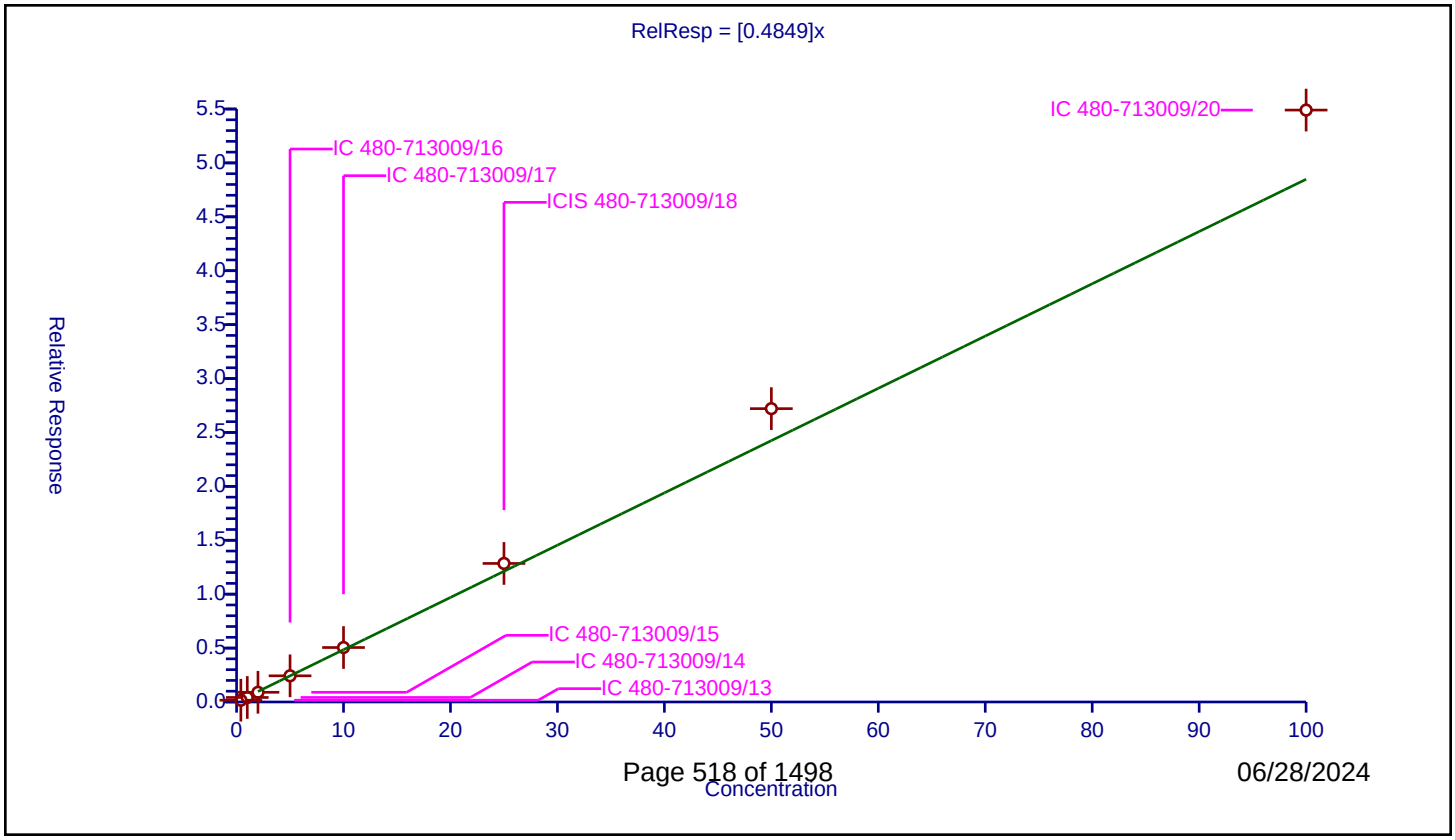
Curve Coefficients

Intercept:	0
Slope:	0.4849

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.165038	25.0	645154.0	0.412595	Y
2	IC 480-713009/14	1.0	0.418725	25.0	635500.0	0.418725	Y
3	IC 480-713009/15	2.0	0.898962	25.0	629170.0	0.449481	Y
4	IC 480-713009/16	5.0	2.427982	25.0	650355.0	0.485596	Y
5	IC 480-713009/17	10.0	5.051515	25.0	656214.0	0.505152	Y
6	ICIS 480-713009/18	25.0	12.851631	25.0	662449.0	0.514065	Y
7	IC 480-713009/19	50.0	27.209175	25.0	667953.0	0.544183	Y
8	IC 480-713009/20	100.0	54.901457	25.0	670571.0	0.549015	Y



Calibration / Ethyl methacrylate

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

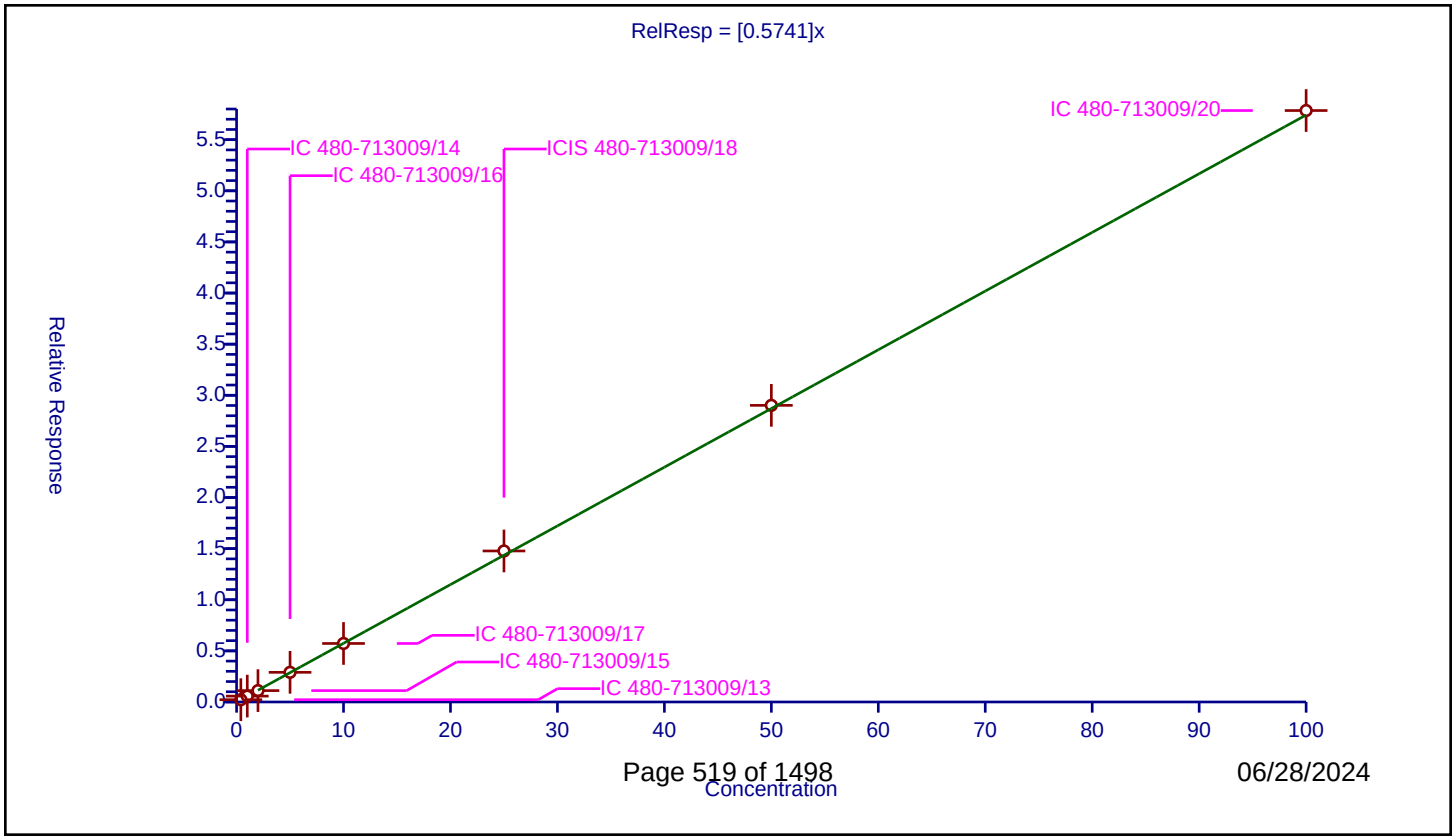
Curve Coefficients

Intercept:	0
Slope:	0.5741

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.223745	25.0	645154.0	0.559363	Y
2	IC 480-713009/14	1.0	0.574548	25.0	635500.0	0.574548	Y
3	IC 480-713009/15	2.0	1.113213	25.0	629170.0	0.556606	Y
4	IC 480-713009/16	5.0	2.902338	25.0	650355.0	0.580468	Y
5	IC 480-713009/17	10.0	5.724733	25.0	656214.0	0.572473	Y
6	ICIS 480-713009/18	25.0	14.77193	25.0	662449.0	0.590877	Y
7	IC 480-713009/19	50.0	29.01398	25.0	667953.0	0.58028	Y
8	IC 480-713009/20	100.0	57.852151	25.0	670571.0	0.578522	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

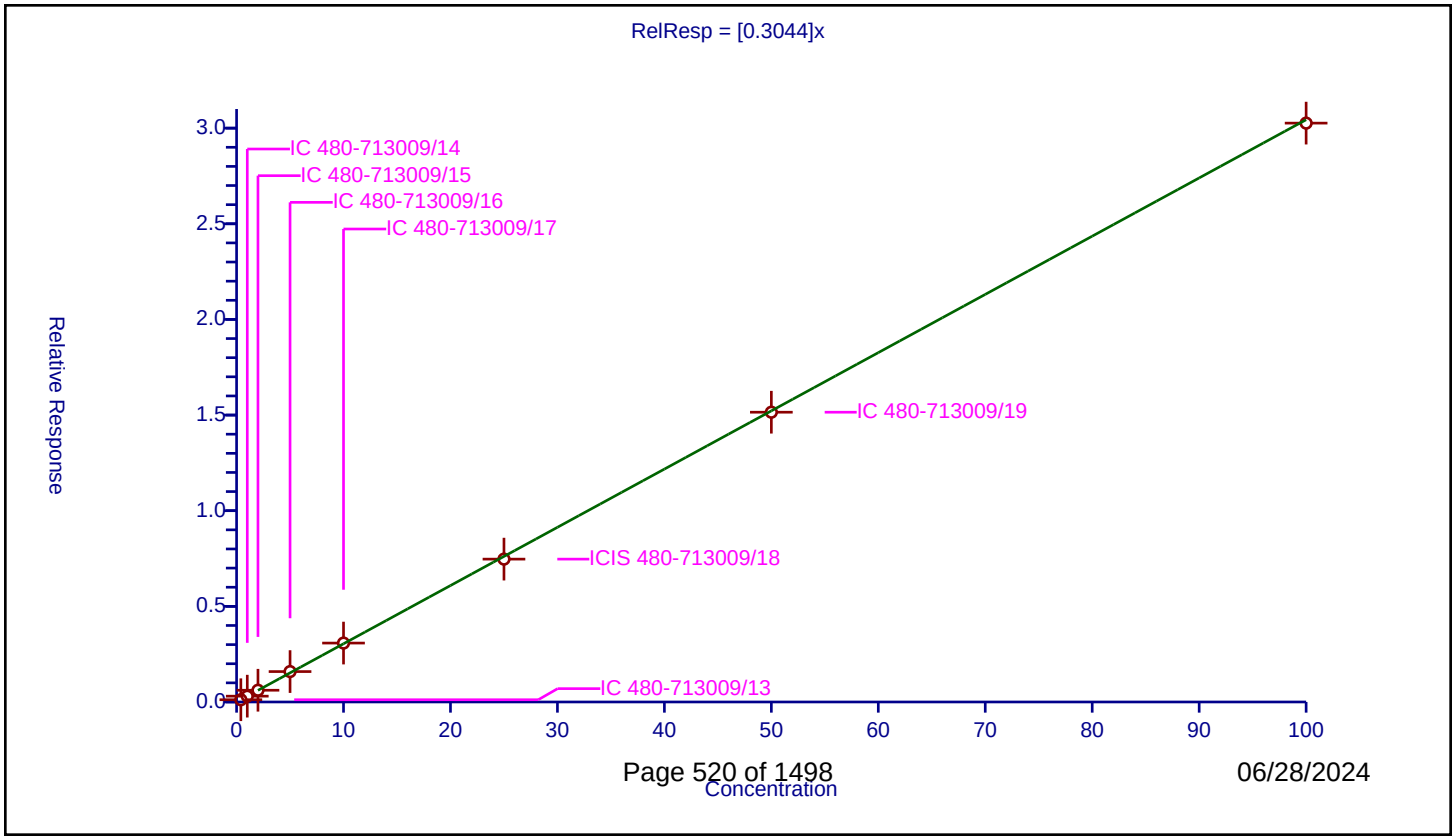
Curve Coefficients

Intercept:	0
Slope:	0.3044

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.117181	25.0	645154.0	0.292953	Y
2	IC 480-713009/14	1.0	0.304485	25.0	635500.0	0.304485	Y
3	IC 480-713009/15	2.0	0.614699	25.0	629170.0	0.307349	Y
4	IC 480-713009/16	5.0	1.590016	25.0	650355.0	0.318003	Y
5	IC 480-713009/17	10.0	3.080626	25.0	656214.0	0.308063	Y
6	ICIS 480-713009/18	25.0	7.468915	25.0	662449.0	0.298757	Y
7	IC 480-713009/19	50.0	15.149232	25.0	667953.0	0.302985	Y
8	IC 480-713009/20	100.0	30.26212	25.0	670571.0	0.302621	Y



Calibration / Tetrachloroethene

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

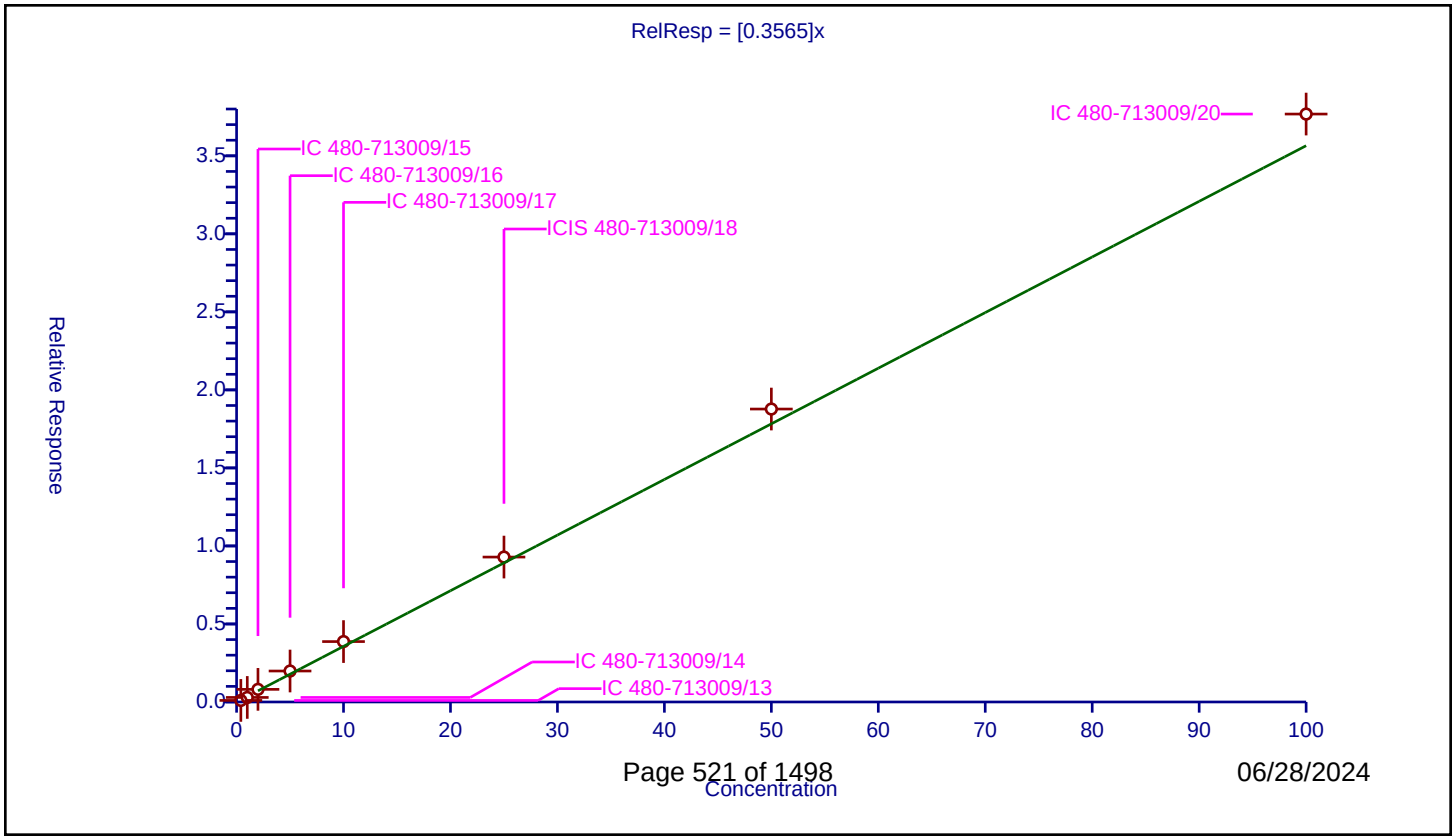
Curve Coefficients

Intercept:	0
Slope:	0.3565

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.09924	25.0	645154.0	0.2481	Y
2	IC 480-713009/14	1.0	0.291149	25.0	635500.0	0.291149	Y
3	IC 480-713009/15	2.0	0.809519	25.0	629170.0	0.404759	Y
4	IC 480-713009/16	5.0	1.984608	25.0	650355.0	0.396922	Y
5	IC 480-713009/17	10.0	3.871603	25.0	656214.0	0.38716	Y
6	ICIS 480-713009/18	25.0	9.287809	25.0	662449.0	0.371512	Y
7	IC 480-713009/19	50.0	18.772616	25.0	667953.0	0.375452	Y
8	IC 480-713009/20	100.0	37.677554	25.0	670571.0	0.376776	Y



Calibration / 1,3-Dichloropropane

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

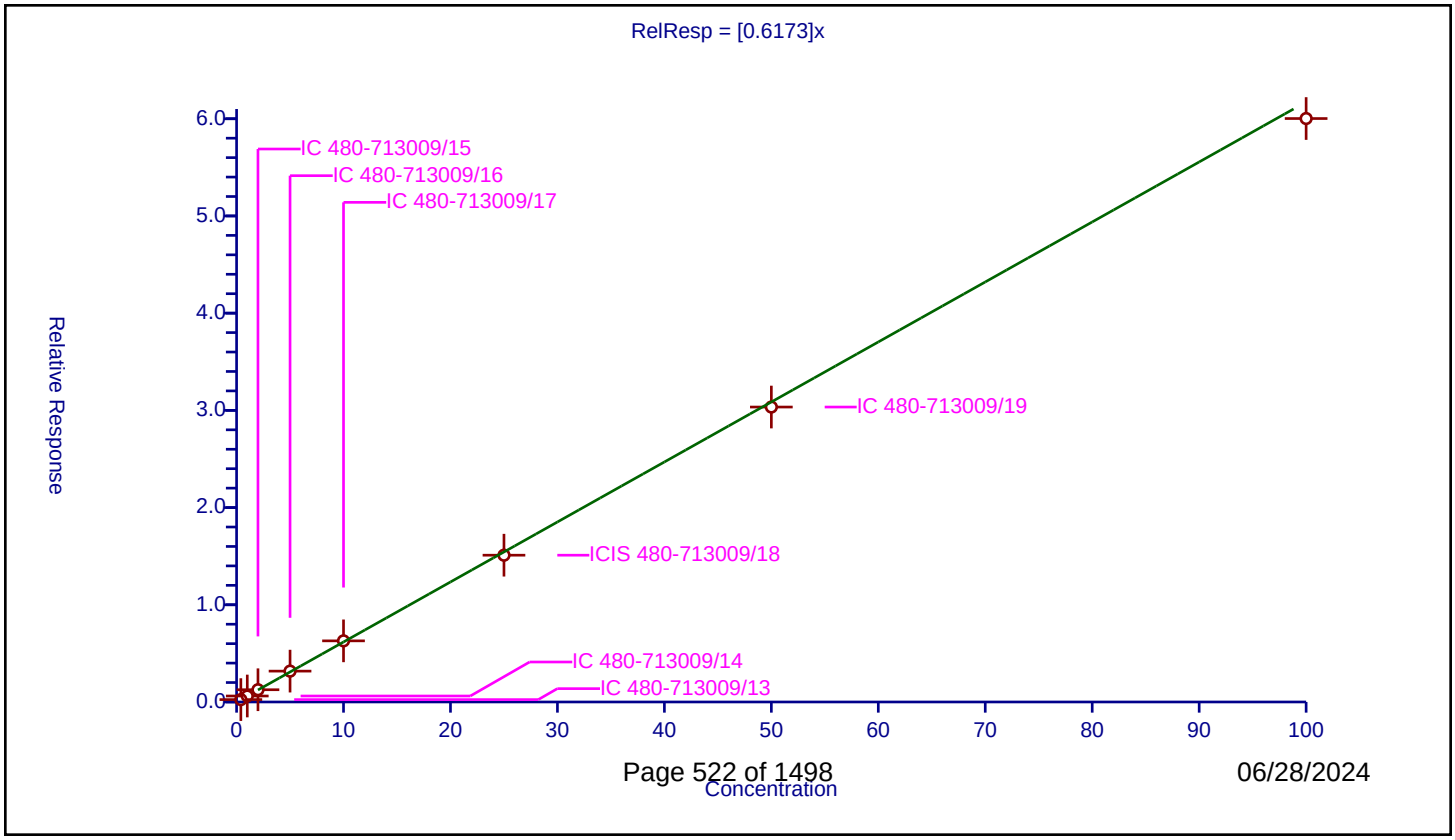
Curve Coefficients

Intercept:	0
Slope:	0.6173

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.246414	25.0	645154.0	0.616035	Y
2	IC 480-713009/14	1.0	0.616562	25.0	635500.0	0.616562	Y
3	IC 480-713009/15	2.0	1.260907	25.0	629170.0	0.630454	Y
4	IC 480-713009/16	5.0	3.175112	25.0	650355.0	0.635022	Y
5	IC 480-713009/17	10.0	6.289183	25.0	656214.0	0.628918	Y
6	ICIS 480-713009/18	25.0	15.099993	25.0	662449.0	0.604	Y
7	IC 480-713009/19	50.0	30.342629	25.0	667953.0	0.606853	Y
8	IC 480-713009/20	100.0	60.021646	25.0	670571.0	0.600216	Y



Calibration / 2-Hexanone

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

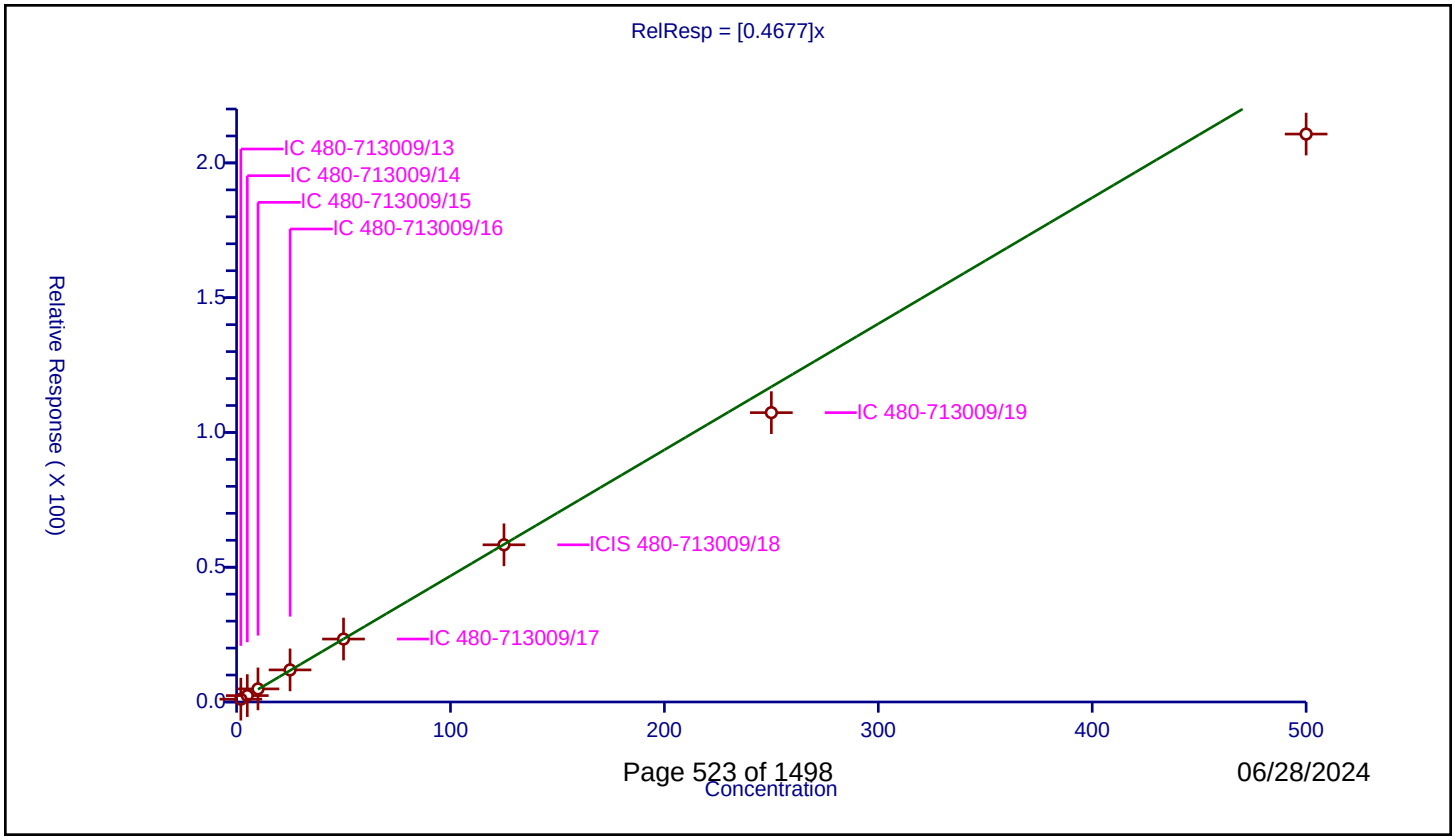
Curve Coefficients

Intercept:	0
Slope:	0.4677

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	2.0	1.043821	25.0	645154.0	0.52191	Y
2	IC 480-713009/14	5.0	2.372463	25.0	635500.0	0.474493	Y
3	IC 480-713009/15	10.0	4.848054	25.0	629170.0	0.484805	Y
4	IC 480-713009/16	25.0	11.909034	25.0	650355.0	0.476361	Y
5	IC 480-713009/17	50.0	23.351719	25.0	656214.0	0.467034	Y
6	ICIS 480-713009/18	125.0	58.313659	25.0	662449.0	0.466509	Y
7	IC 480-713009/19	250.0	107.353848	25.0	667953.0	0.429415	Y
8	IC 480-713009/20	500.0	210.708821	25.0	670571.0	0.421418	Y



Calibration / Chlorodibromomethane

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

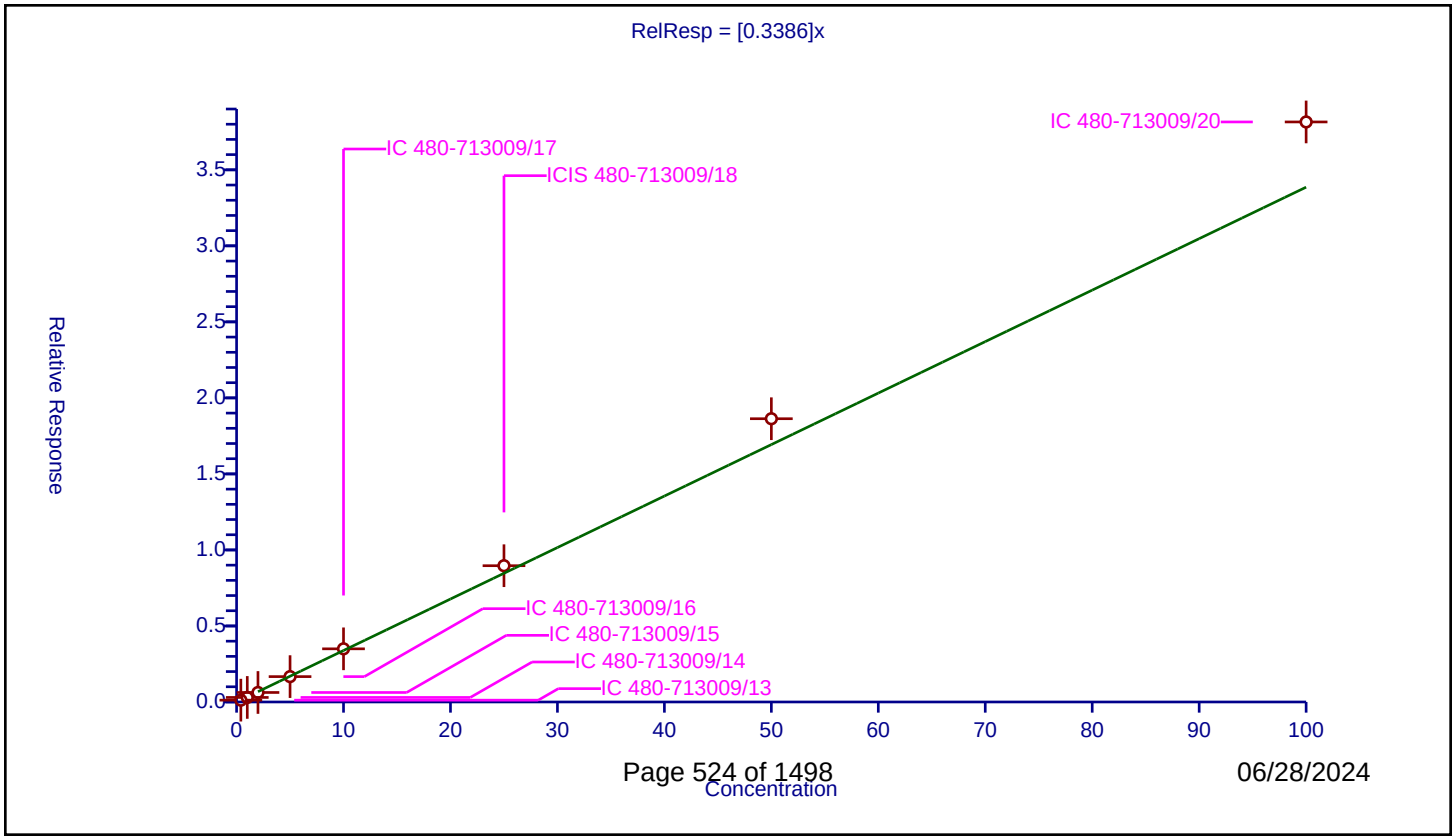
Curve Coefficients

Intercept:	0
Slope:	0.3386

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.12032	25.0	645154.0	0.3008	Y
2	IC 480-713009/14	1.0	0.299646	25.0	635500.0	0.299646	Y
3	IC 480-713009/15	2.0	0.624434	25.0	629170.0	0.312217	Y
4	IC 480-713009/16	5.0	1.66855	25.0	650355.0	0.33371	Y
5	IC 480-713009/17	10.0	3.496725	25.0	656214.0	0.349673	Y
6	ICIS 480-713009/18	25.0	8.963973	25.0	662449.0	0.358559	Y
7	IC 480-713009/19	50.0	18.630278	25.0	667953.0	0.372606	Y
8	IC 480-713009/20	100.0	38.148906	25.0	670571.0	0.381489	Y



Calibration / Ethylene Dibromide

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

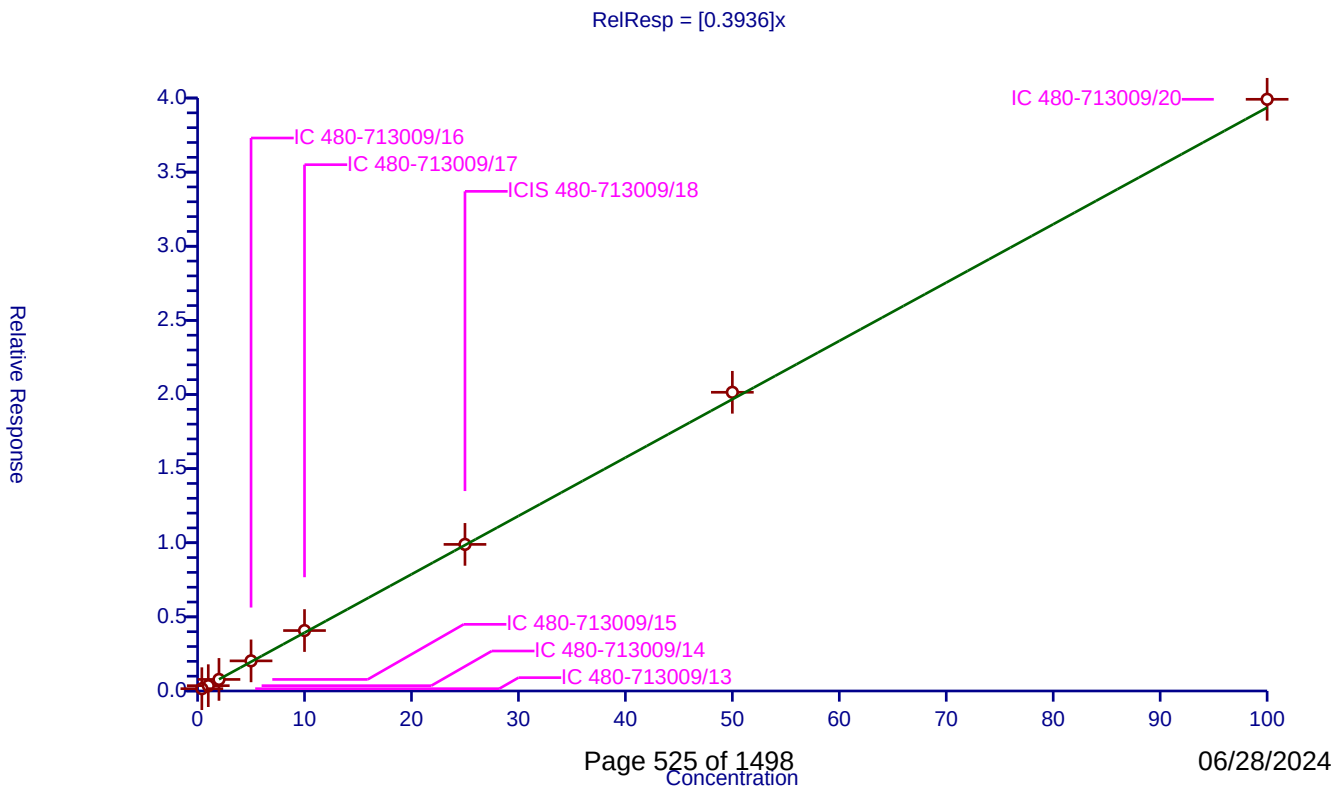
Curve Coefficients

Intercept:	0
Slope:	0.3936

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.155196	25.0	645154.0	0.387989	Y
2	IC 480-713009/14	1.0	0.358301	25.0	635500.0	0.358301	Y
3	IC 480-713009/15	2.0	0.780433	25.0	629170.0	0.390216	Y
4	IC 480-713009/16	5.0	2.032505	25.0	650355.0	0.406501	Y
5	IC 480-713009/17	10.0	4.077176	25.0	656214.0	0.407718	Y
6	ICIS 480-713009/18	25.0	9.889101	25.0	662449.0	0.395564	Y
7	IC 480-713009/19	50.0	20.148873	25.0	667953.0	0.402977	Y
8	IC 480-713009/20	100.0	39.913521	25.0	670571.0	0.399135	Y



Calibration / Chlorobenzene

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

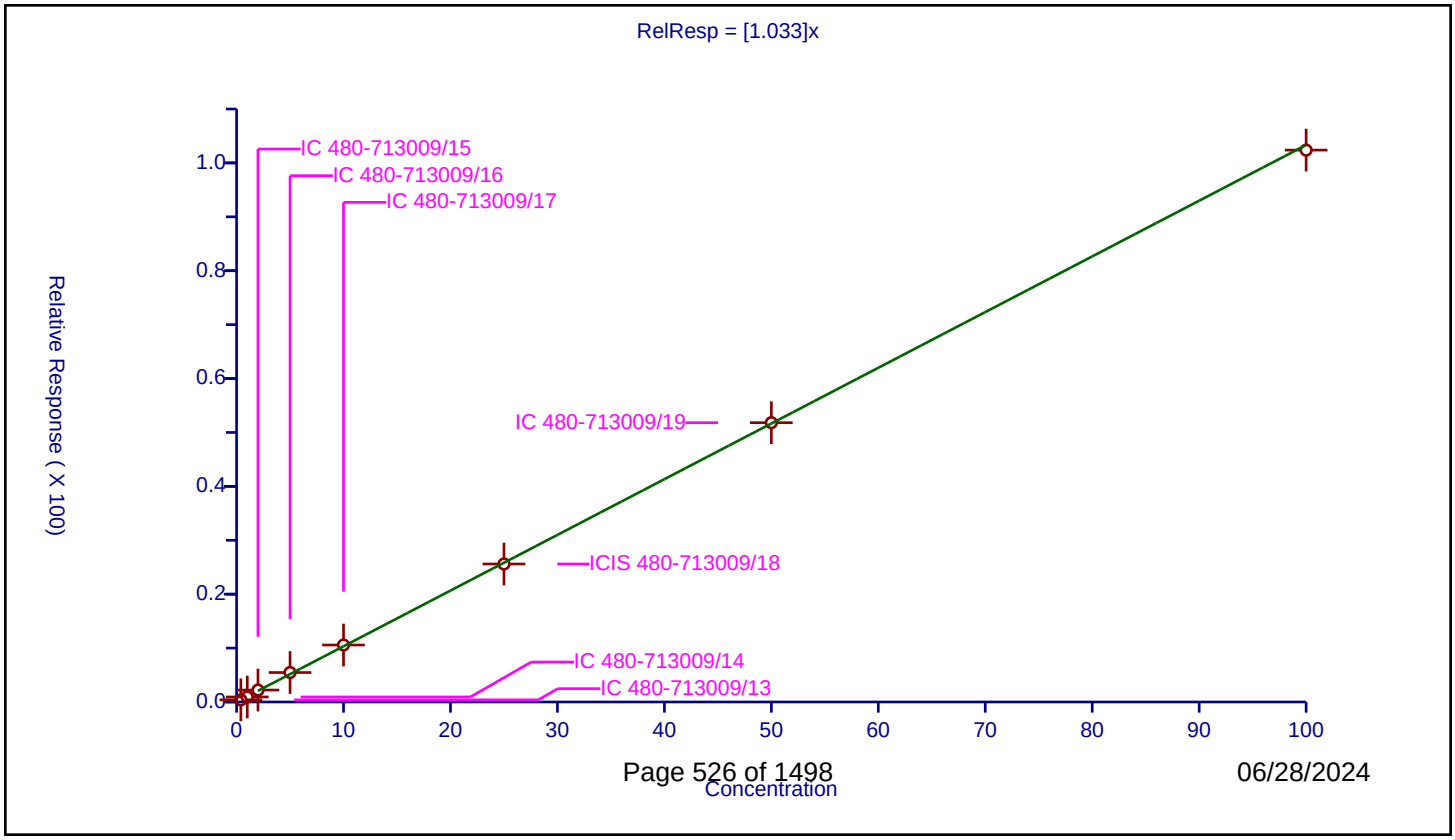
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.396959	25.0	645154.0	0.992399	Y
2	IC 480-713009/14	1.0	0.932927	25.0	635500.0	0.932927	Y
3	IC 480-713009/15	2.0	2.213472	25.0	629170.0	1.106736	Y
4	IC 480-713009/16	5.0	5.4639	25.0	650355.0	1.09278	Y
5	IC 480-713009/17	10.0	10.570027	25.0	656214.0	1.057003	Y
6	ICIS 480-713009/18	25.0	25.595555	25.0	662449.0	1.023822	Y
7	IC 480-713009/19	50.0	51.813077	25.0	667953.0	1.036262	Y
8	IC 480-713009/20	100.0	102.376967	25.0	670571.0	1.02377	Y



Calibration / Ethylbenzene

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

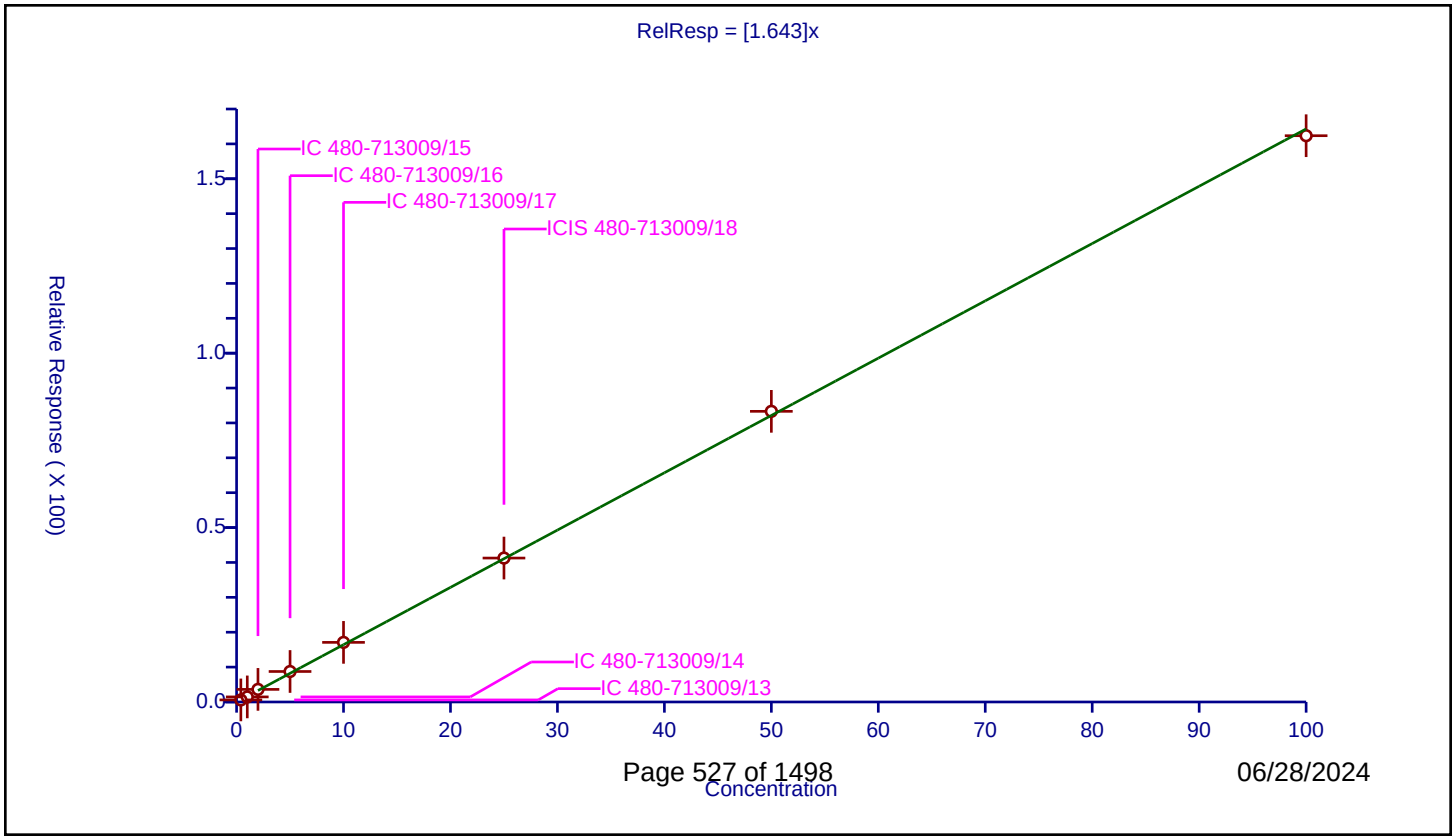
Curve Coefficients

Intercept:	0
Slope:	1.643

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.592184	25.0	645154.0	1.48046	Y
2	IC 480-713009/14	1.0	1.457789	25.0	635500.0	1.457789	Y
3	IC 480-713009/15	2.0	3.613968	25.0	629170.0	1.806984	Y
4	IC 480-713009/16	5.0	8.742725	25.0	650355.0	1.748545	Y
5	IC 480-713009/17	10.0	17.089547	25.0	656214.0	1.708955	Y
6	ICIS 480-713009/18	25.0	41.263139	25.0	662449.0	1.650526	Y
7	IC 480-713009/19	50.0	83.330713	25.0	667953.0	1.666614	Y
8	IC 480-713009/20	100.0	162.350594	25.0	670571.0	1.623506	Y



Calibration / 1,1,1,2-Tetrachloroethane

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

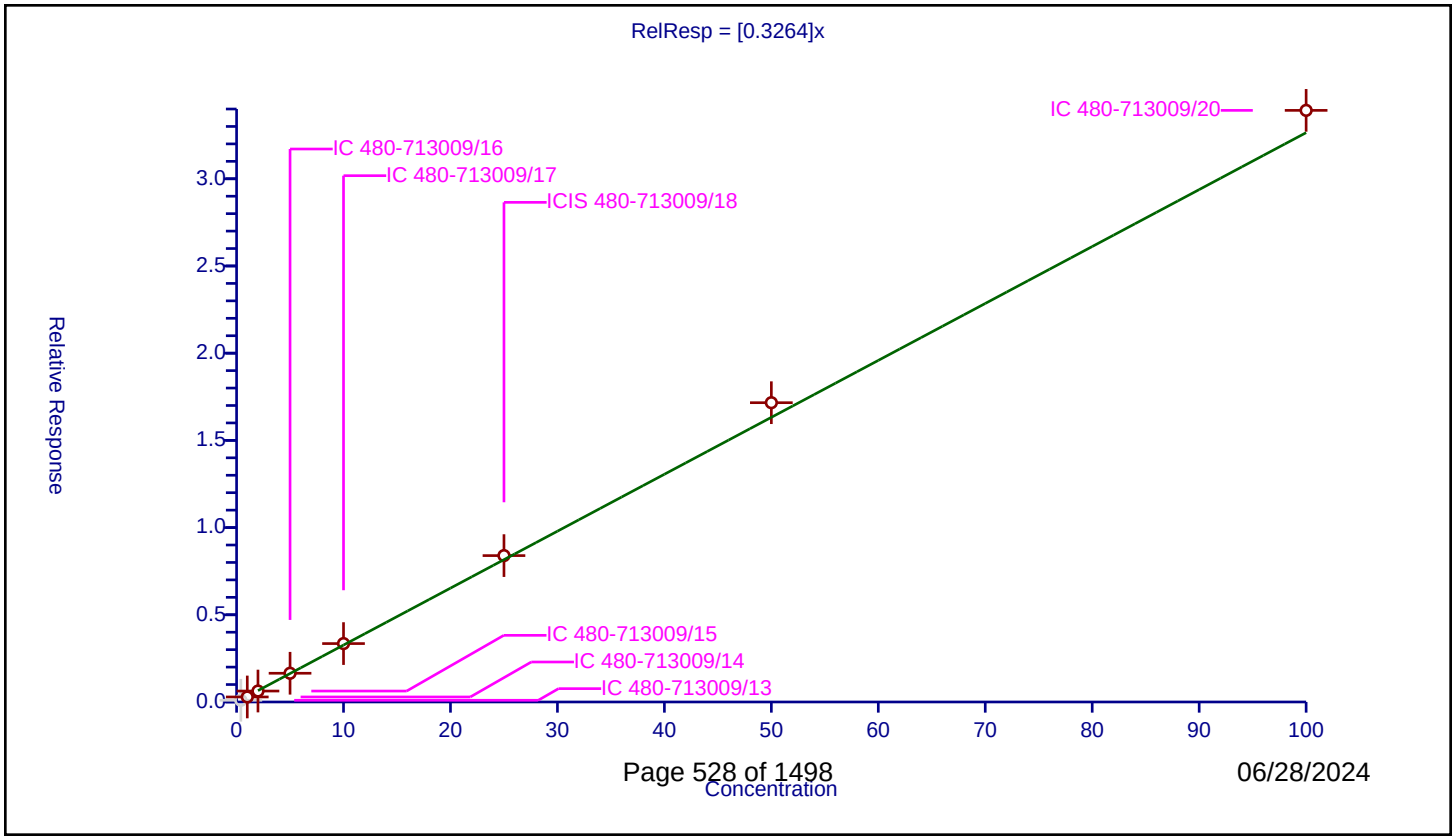
Curve Coefficients

Intercept:	0
Slope:	0.3264

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.098775	25.0	645154.0	0.246937	N
2	IC 480-713009/14	1.0	0.288867	25.0	635500.0	0.288867	Y
3	IC 480-713009/15	2.0	0.627017	25.0	629170.0	0.313508	Y
4	IC 480-713009/16	5.0	1.647985	25.0	650355.0	0.329597	Y
5	IC 480-713009/17	10.0	3.348793	25.0	656214.0	0.334879	Y
6	ICIS 480-713009/18	25.0	8.394231	25.0	662449.0	0.335769	Y
7	IC 480-713009/19	50.0	17.161237	25.0	667953.0	0.343225	Y
8	IC 480-713009/20	100.0	33.921278	25.0	670571.0	0.339213	Y



Calibration / m-Xylene & p-Xylene

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

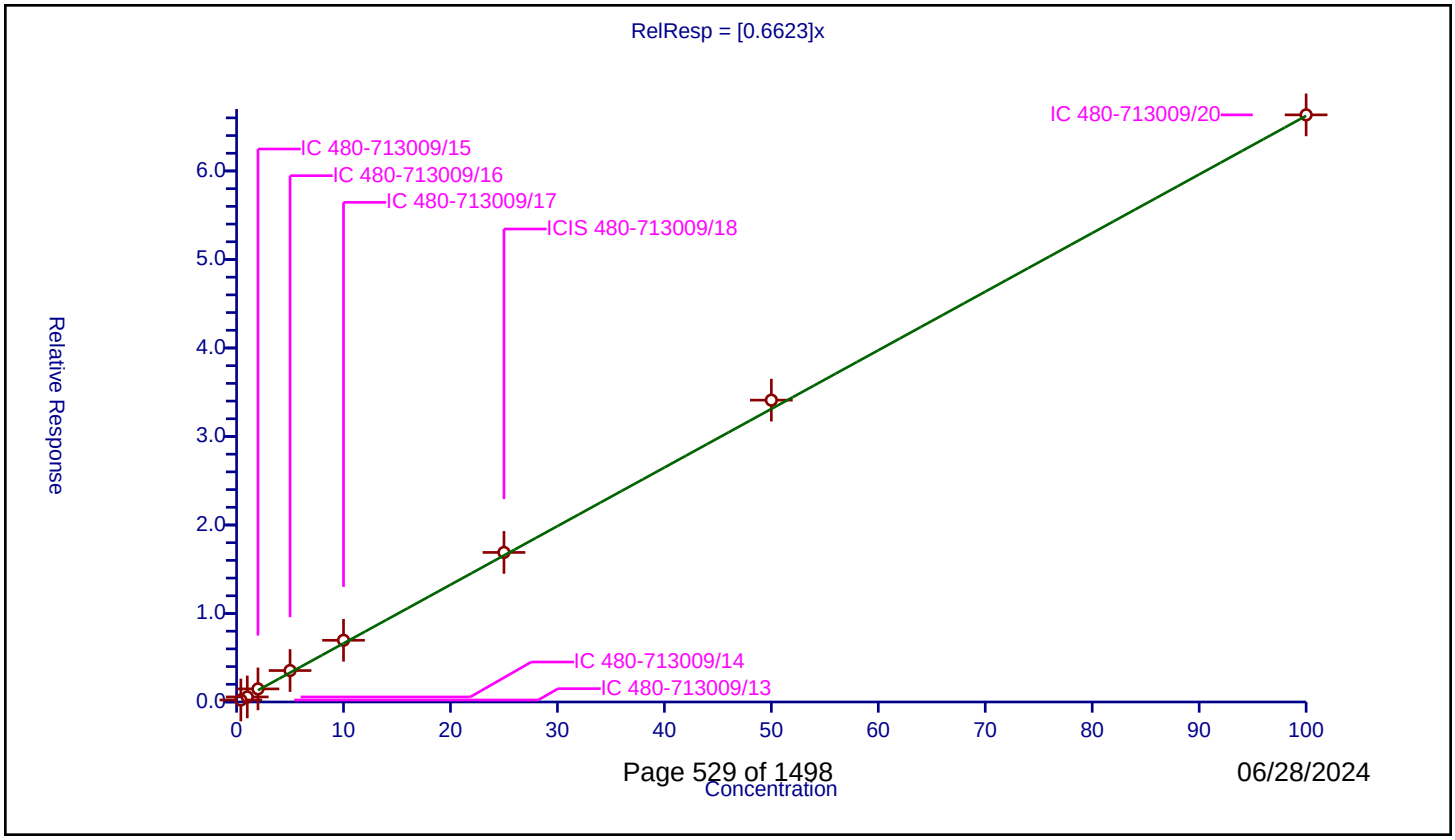
Curve Coefficients

Intercept:	0
Slope:	0.6623

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.224133	25.0	645154.0	0.560331	Y
2	IC 480-713009/14	1.0	0.56967	25.0	635500.0	0.56967	Y
3	IC 480-713009/15	2.0	1.477899	25.0	629170.0	0.73895	Y
4	IC 480-713009/16	5.0	3.553559	25.0	650355.0	0.710712	Y
5	IC 480-713009/17	10.0	6.973144	25.0	656214.0	0.697314	Y
6	ICIS 480-713009/18	25.0	16.898207	25.0	662449.0	0.675928	Y
7	IC 480-713009/19	50.0	34.106591	25.0	667953.0	0.682132	Y
8	IC 480-713009/20	100.0	66.341446	25.0	670571.0	0.663414	Y



Calibration / o-Xylene

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

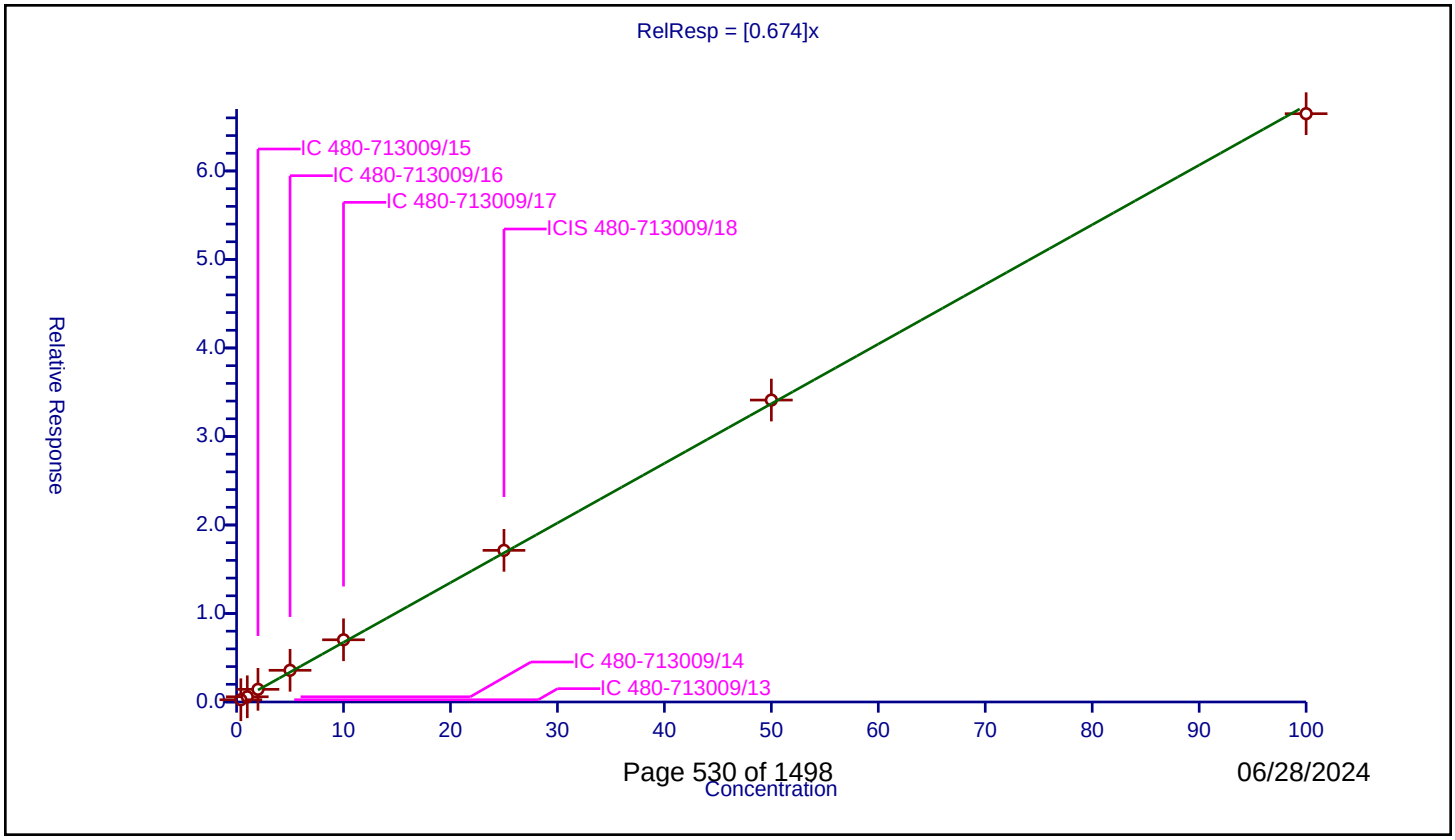
Curve Coefficients

Intercept:	0
Slope:	0.674

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.254125	25.0	645154.0	0.635313	Y
2	IC 480-713009/14	1.0	0.589969	25.0	635500.0	0.589969	Y
3	IC 480-713009/15	2.0	1.431012	25.0	629170.0	0.715506	Y
4	IC 480-713009/16	5.0	3.581467	25.0	650355.0	0.716293	Y
5	IC 480-713009/17	10.0	7.028233	25.0	656214.0	0.702823	Y
6	ICIS 480-713009/18	25.0	17.134715	25.0	662449.0	0.685389	Y
7	IC 480-713009/19	50.0	34.115686	25.0	667953.0	0.682314	Y
8	IC 480-713009/20	100.0	66.472454	25.0	670571.0	0.664725	Y



Calibration / Styrene

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

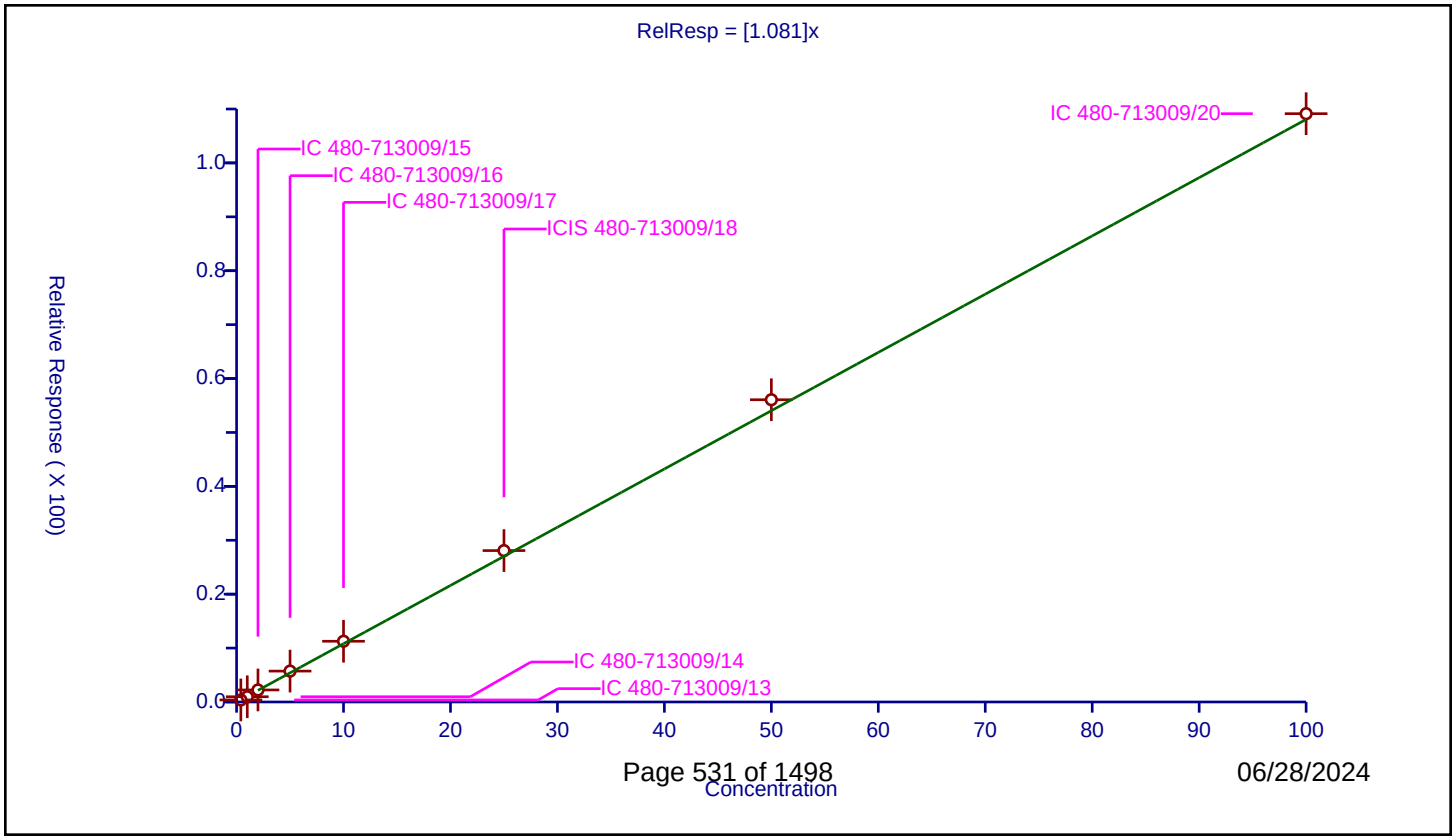
Curve Coefficients

Intercept:	0
Slope:	1.081

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.380026	25.0	645154.0	0.950064	Y
2	IC 480-713009/14	1.0	0.97022	25.0	635500.0	0.97022	Y
3	IC 480-713009/15	2.0	2.232783	25.0	629170.0	1.116391	Y
4	IC 480-713009/16	5.0	5.730447	25.0	650355.0	1.146089	Y
5	IC 480-713009/17	10.0	11.268313	25.0	656214.0	1.126831	Y
6	ICIS 480-713009/18	25.0	28.084615	25.0	662449.0	1.123385	Y
7	IC 480-713009/19	50.0	56.069402	25.0	667953.0	1.121388	Y
8	IC 480-713009/20	100.0	109.135461	25.0	670571.0	1.091355	Y



Calibration / Bromoform

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

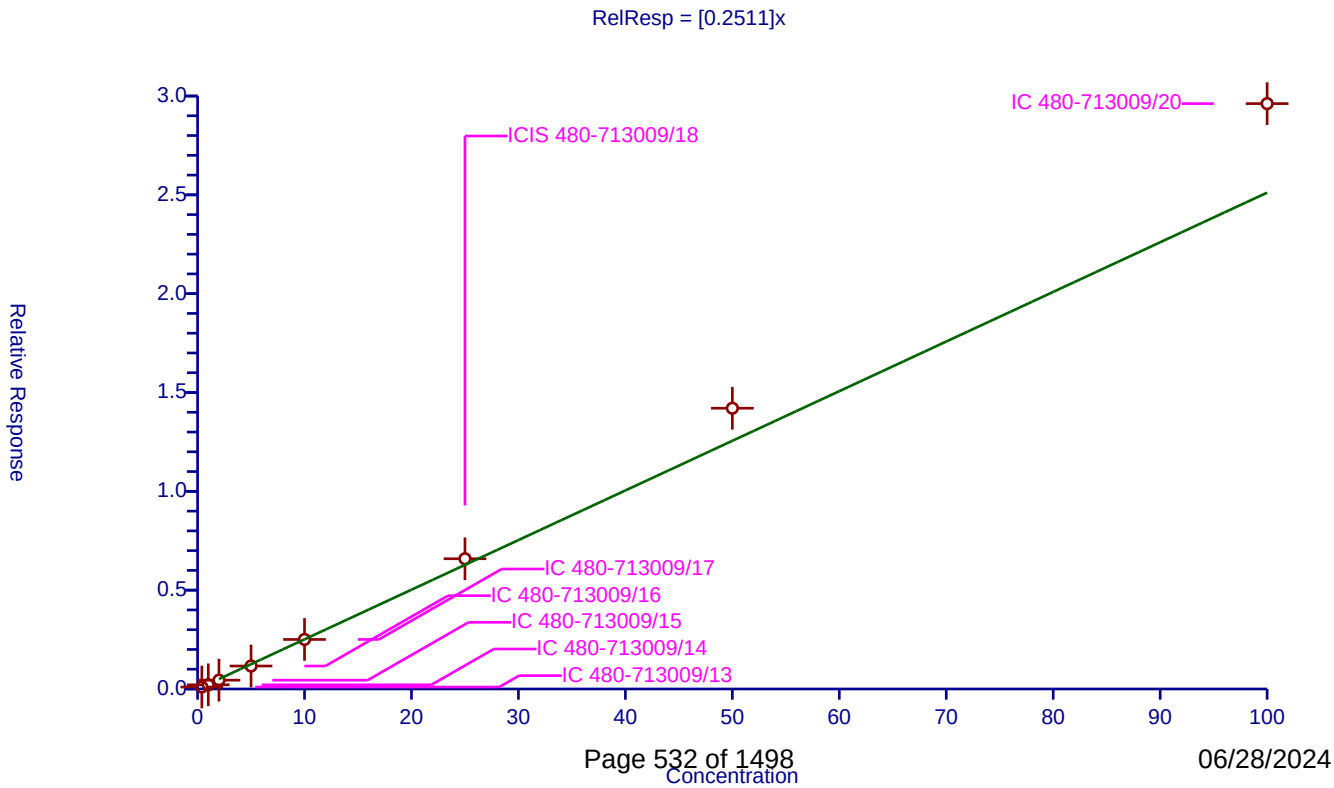
Curve Coefficients

Intercept:	0
Slope:	0.2511

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.099511	25.0	645154.0	0.248778	Y
2	IC 480-713009/14	1.0	0.210543	25.0	635500.0	0.210543	Y
3	IC 480-713009/15	2.0	0.445309	25.0	629170.0	0.222654	Y
4	IC 480-713009/16	5.0	1.162826	25.0	650355.0	0.232565	Y
5	IC 480-713009/17	10.0	2.505623	25.0	656214.0	0.250562	Y
6	ICIS 480-713009/18	25.0	6.588771	25.0	662449.0	0.263551	Y
7	IC 480-713009/19	50.0	14.204705	25.0	667953.0	0.284094	Y
8	IC 480-713009/20	100.0	29.615283	25.0	670571.0	0.296153	Y



Calibration / Isopropylbenzene

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

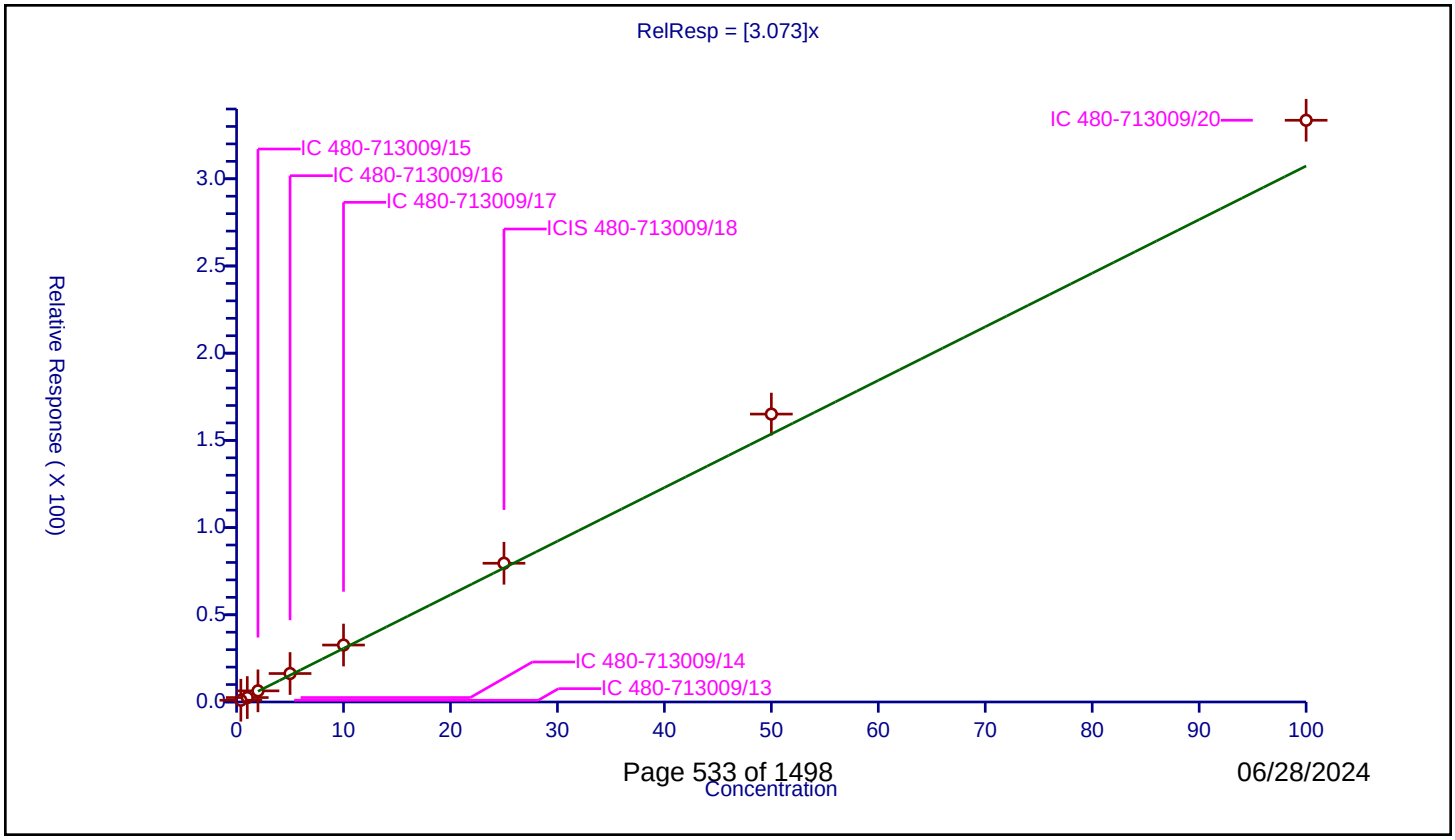
Curve Coefficients

Intercept:	0
Slope:	3.073

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.001178	25.0	347241.0	2.502945	Y
2	IC 480-713009/14	1.0	2.539548	25.0	343191.0	2.539548	Y
3	IC 480-713009/15	2.0	6.390672	25.0	338998.0	3.195336	Y
4	IC 480-713009/16	5.0	16.322155	25.0	344812.0	3.264431	Y
5	IC 480-713009/17	10.0	32.645073	25.0	343862.0	3.264507	Y
6	ICIS 480-713009/18	25.0	79.54825	25.0	347161.0	3.18193	Y
7	IC 480-713009/19	50.0	165.076738	25.0	340964.0	3.301535	Y
8	IC 480-713009/20	100.0	333.552434	25.0	332306.0	3.335524	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

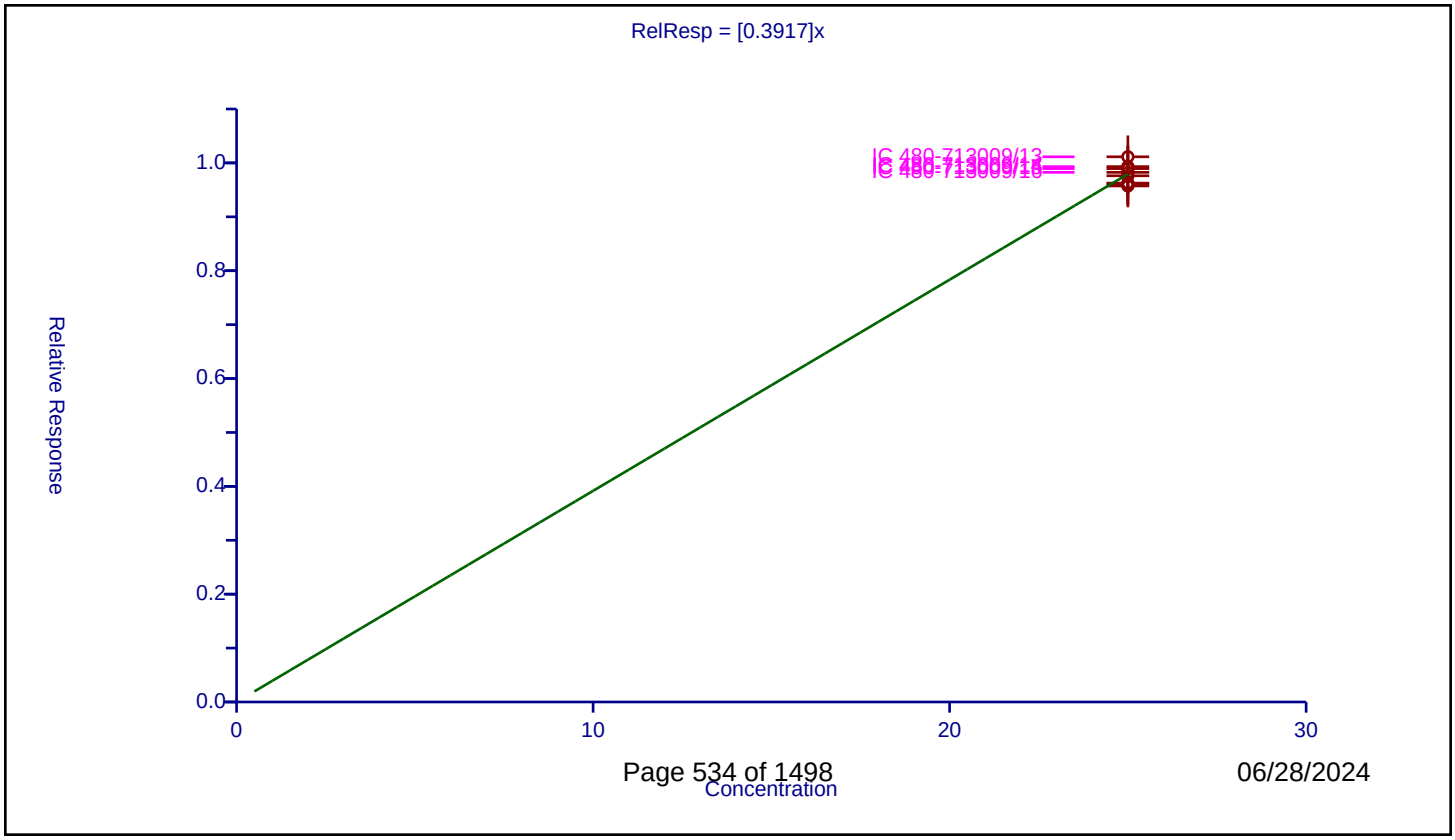
Curve Coefficients

Intercept:	0
Slope:	0.3917

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	25.0	10.113748	25.0	645154.0	0.40455	Y
2	IC 480-713009/14	25.0	9.931668	25.0	635500.0	0.397267	Y
3	IC 480-713009/15	25.0	9.894345	25.0	629170.0	0.395774	Y
4	IC 480-713009/16	25.0	9.825172	25.0	650355.0	0.393007	Y
5	IC 480-713009/17	25.0	9.62548	25.0	656214.0	0.385019	Y
6	ICIS 480-713009/18	25.0	9.76128	25.0	662449.0	0.390451	Y
7	IC 480-713009/19	25.0	9.611455	25.0	667953.0	0.384458	Y
8	IC 480-713009/20	25.0	9.572737	25.0	670571.0	0.382909	Y



Calibration / Bromobenzene

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

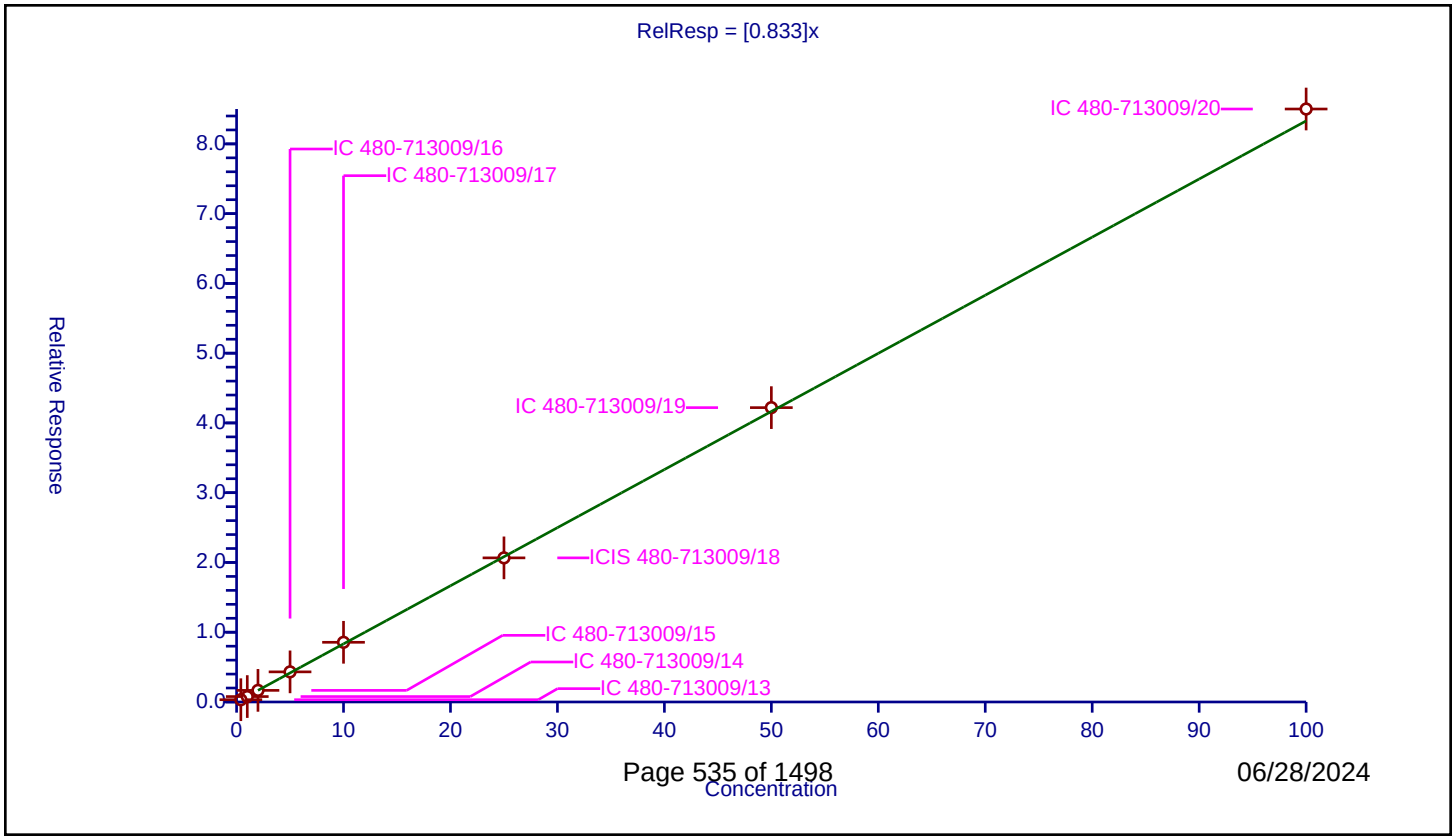
Curve Coefficients

Intercept:	0
Slope:	0.833

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.326142	25.0	347241.0	0.815356	Y
2	IC 480-713009/14	1.0	0.777483	25.0	343191.0	0.777483	Y
3	IC 480-713009/15	2.0	1.662915	25.0	338998.0	0.831458	Y
4	IC 480-713009/16	5.0	4.316628	25.0	344812.0	0.863326	Y
5	IC 480-713009/17	10.0	8.557866	25.0	343862.0	0.855787	Y
6	ICIS 480-713009/18	25.0	20.659075	25.0	347161.0	0.826363	Y
7	IC 480-713009/19	50.0	42.19573	25.0	340964.0	0.843915	Y
8	IC 480-713009/20	100.0	84.998917	25.0	332306.0	0.849989	Y



Calibration / 1,1,2,2-Tetrachloroethane

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

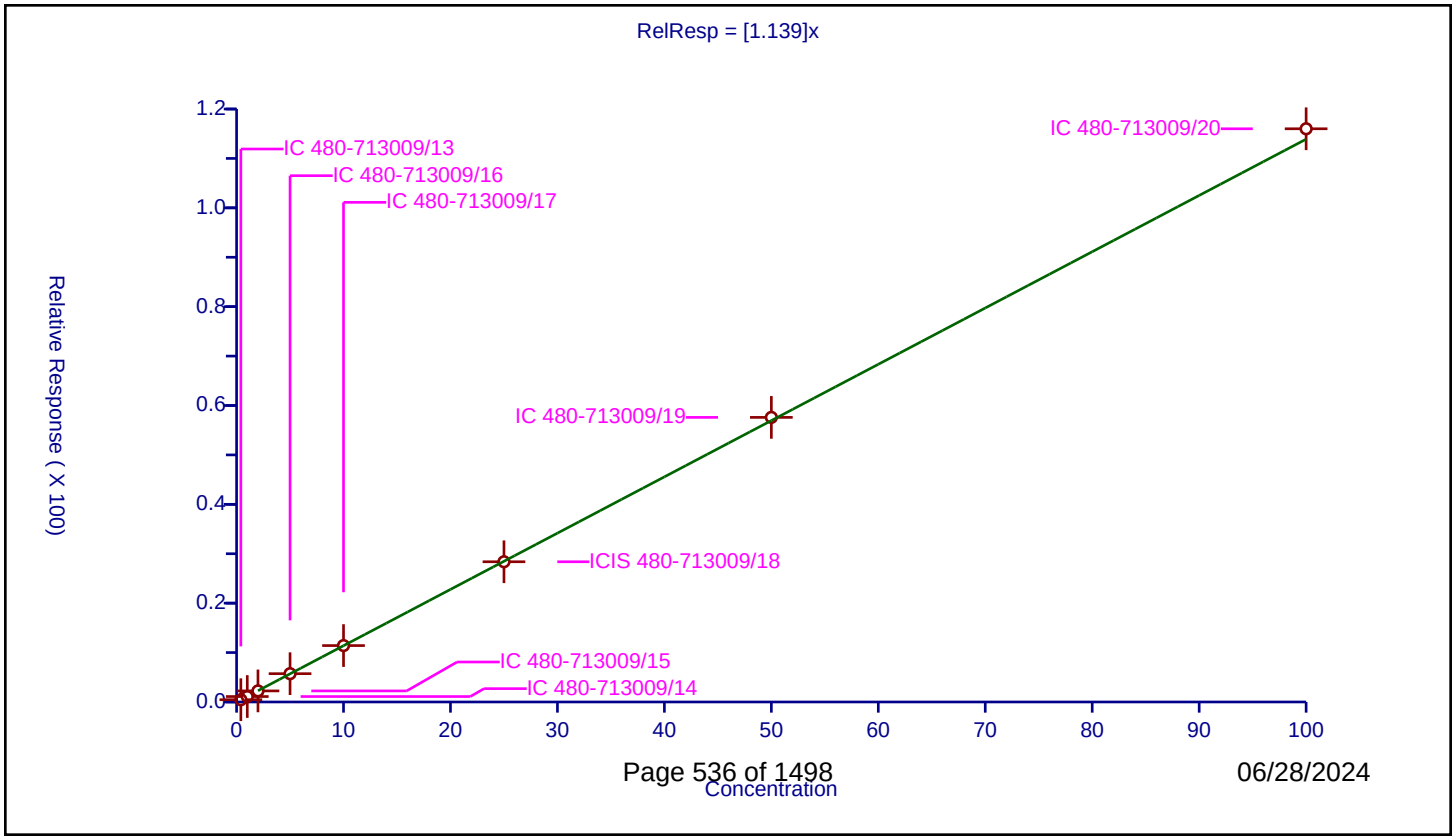
Curve Coefficients

Intercept:	0
Slope:	1.139

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.460055	25.0	347241.0	1.150138	Y
2	IC 480-713009/14	1.0	1.106235	25.0	343191.0	1.106235	Y
3	IC 480-713009/15	2.0	2.241827	25.0	338998.0	1.120914	Y
4	IC 480-713009/16	5.0	5.730369	25.0	344812.0	1.146074	Y
5	IC 480-713009/17	10.0	11.414463	25.0	343862.0	1.141446	Y
6	ICIS 480-713009/18	25.0	28.379844	25.0	347161.0	1.135194	Y
7	IC 480-713009/19	50.0	57.591931	25.0	340964.0	1.151839	Y
8	IC 480-713009/20	100.0	115.999786	25.0	332306.0	1.159998	Y



Calibration / N-Propylbenzene

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

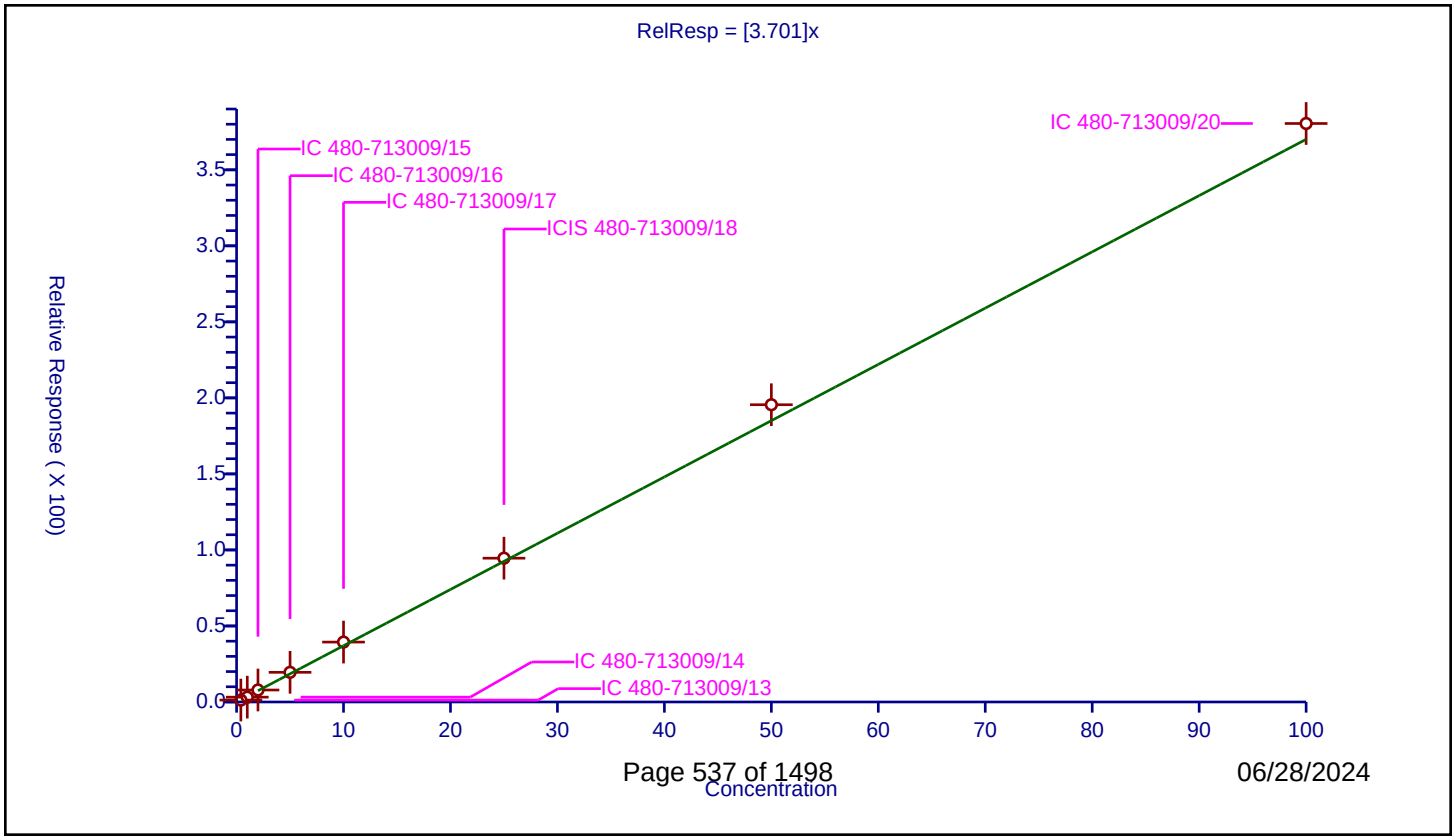
Curve Coefficients

Intercept:	0
Slope:	3.701

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.258996	25.0	347241.0	3.14749	Y
2	IC 480-713009/14	1.0	3.177094	25.0	343191.0	3.177094	Y
3	IC 480-713009/15	2.0	7.879176	25.0	338998.0	3.939588	Y
4	IC 480-713009/16	5.0	19.512154	25.0	344812.0	3.902431	Y
5	IC 480-713009/17	10.0	39.393928	25.0	343862.0	3.939393	Y
6	ICIS 480-713009/18	25.0	94.57946	25.0	347161.0	3.783178	Y
7	IC 480-713009/19	50.0	195.512723	25.0	340964.0	3.910254	Y
8	IC 480-713009/20	100.0	380.484328	25.0	332306.0	3.804843	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

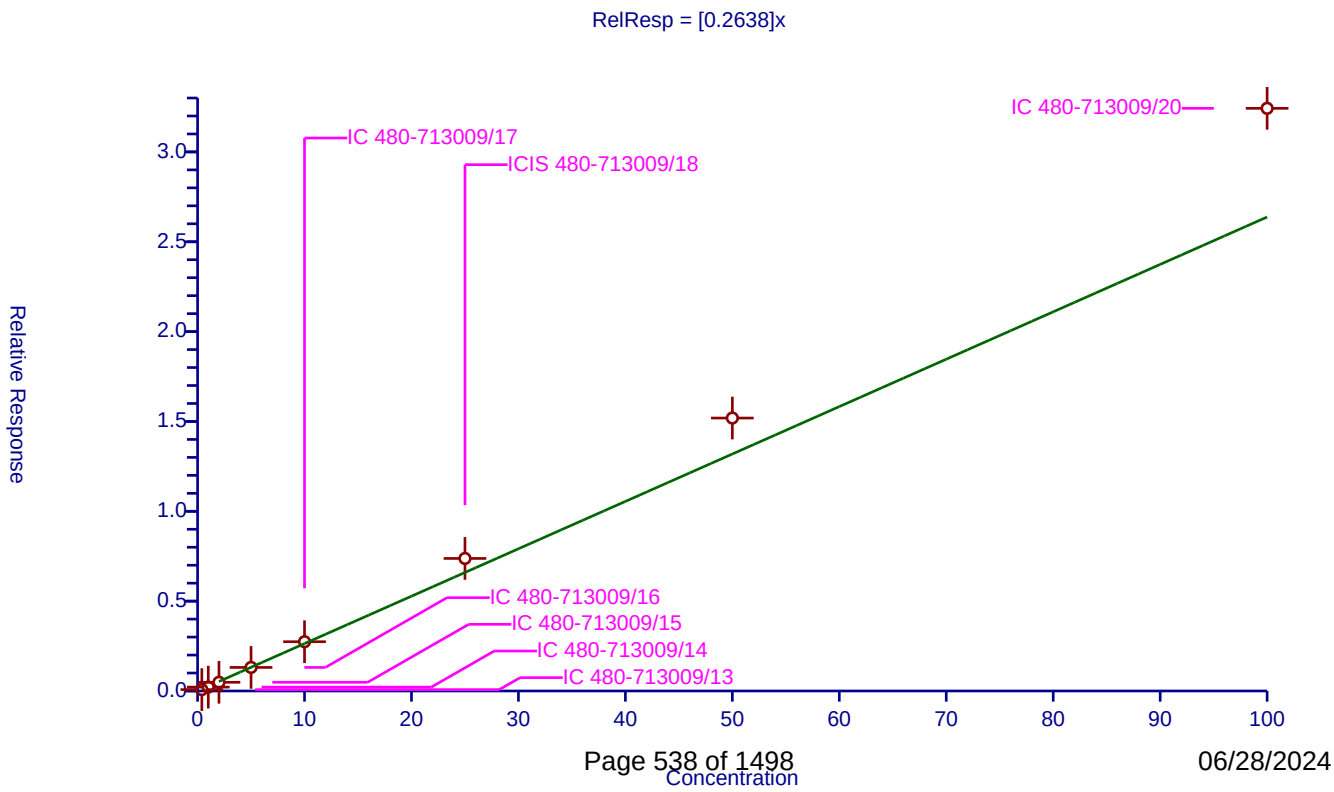
Curve Coefficients

Intercept:	0
Slope:	0.2638

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.077036	25.0	347241.0	0.19259	Y
2	IC 480-713009/14	1.0	0.215988	25.0	343191.0	0.215988	Y
3	IC 480-713009/15	2.0	0.483926	25.0	338998.0	0.241963	Y
4	IC 480-713009/16	5.0	1.311802	25.0	344812.0	0.26236	Y
5	IC 480-713009/17	10.0	2.741652	25.0	343862.0	0.274165	Y
6	ICIS 480-713009/18	25.0	7.376189	25.0	347161.0	0.295048	Y
7	IC 480-713009/19	50.0	15.18936	25.0	340964.0	0.303787	Y
8	IC 480-713009/20	100.0	32.425611	25.0	332306.0	0.324256	Y



Calibration / 1,2,3-Trichloropropane

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

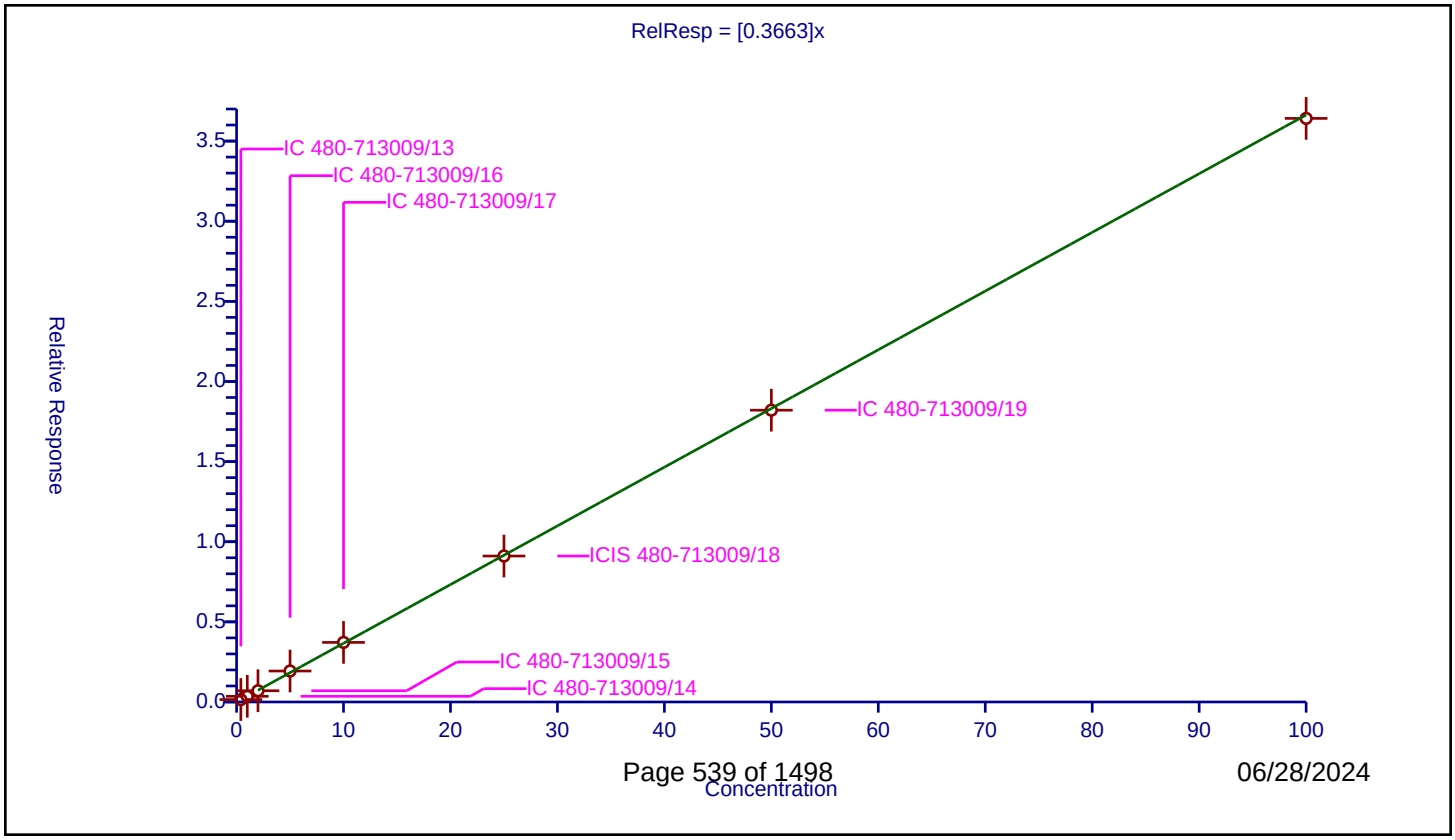
Curve Coefficients

Intercept:	0
Slope:	0.3663

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.1504	25.0	347241.0	0.376	Y
2	IC 480-713009/14	1.0	0.353083	25.0	343191.0	0.353083	Y
3	IC 480-713009/15	2.0	0.700668	25.0	338998.0	0.350334	Y
4	IC 480-713009/16	5.0	1.93214	25.0	344812.0	0.386428	Y
5	IC 480-713009/17	10.0	3.717771	25.0	343862.0	0.371777	Y
6	ICIS 480-713009/18	25.0	9.10795	25.0	347161.0	0.364318	Y
7	IC 480-713009/19	50.0	18.206907	25.0	340964.0	0.364138	Y
8	IC 480-713009/20	100.0	36.414479	25.0	332306.0	0.364145	Y



Calibration / 2-Chlorotoluene

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

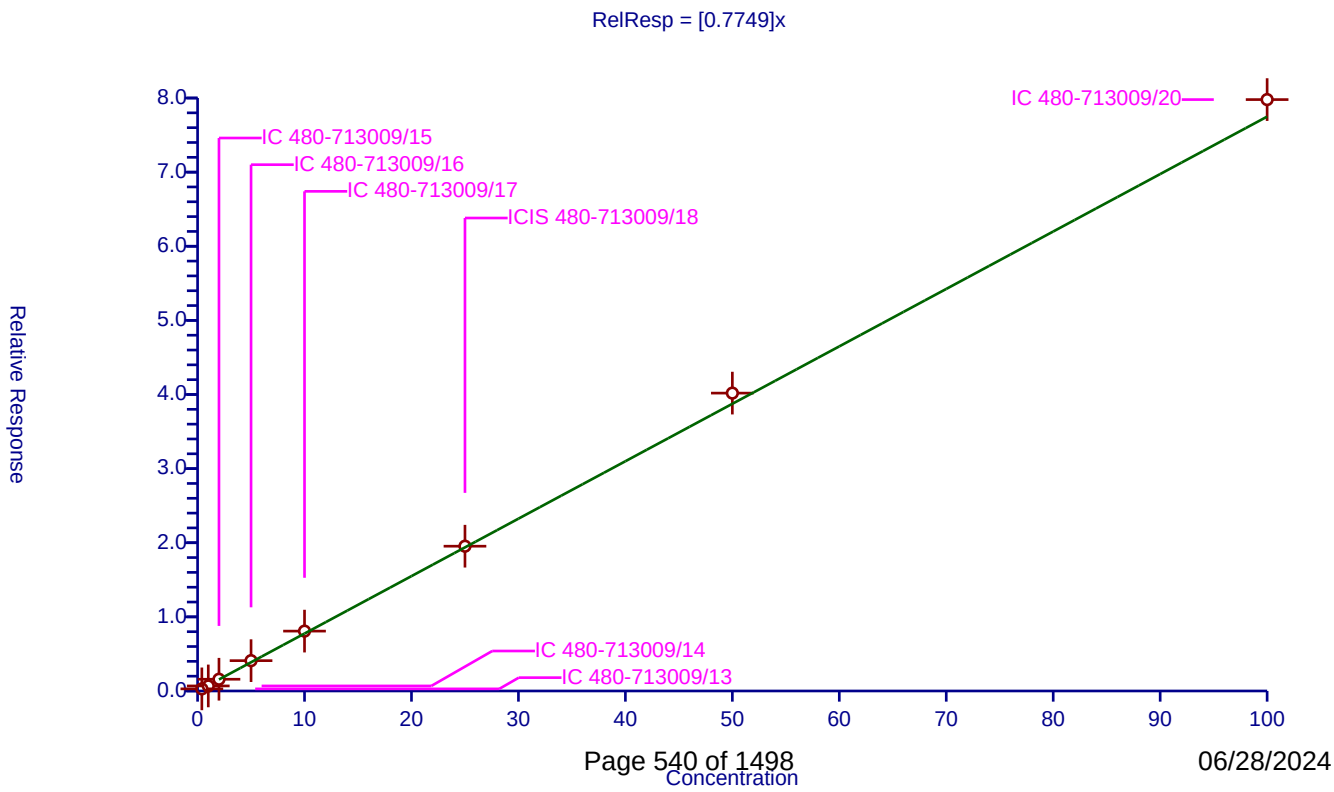
Curve Coefficients

Intercept:	0
Slope:	0.7749

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.286329	25.0	347241.0	0.715821	Y
2	IC 480-713009/14	1.0	0.681472	25.0	343191.0	0.681472	Y
3	IC 480-713009/15	2.0	1.584744	25.0	338998.0	0.792372	Y
4	IC 480-713009/16	5.0	4.091795	25.0	344812.0	0.818359	Y
5	IC 480-713009/17	10.0	8.079913	25.0	343862.0	0.807991	Y
6	ICIS 480-713009/18	25.0	19.534236	25.0	347161.0	0.781369	Y
7	IC 480-713009/19	50.0	40.1887	25.0	340964.0	0.803774	Y
8	IC 480-713009/20	100.0	79.787982	25.0	332306.0	0.79788	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

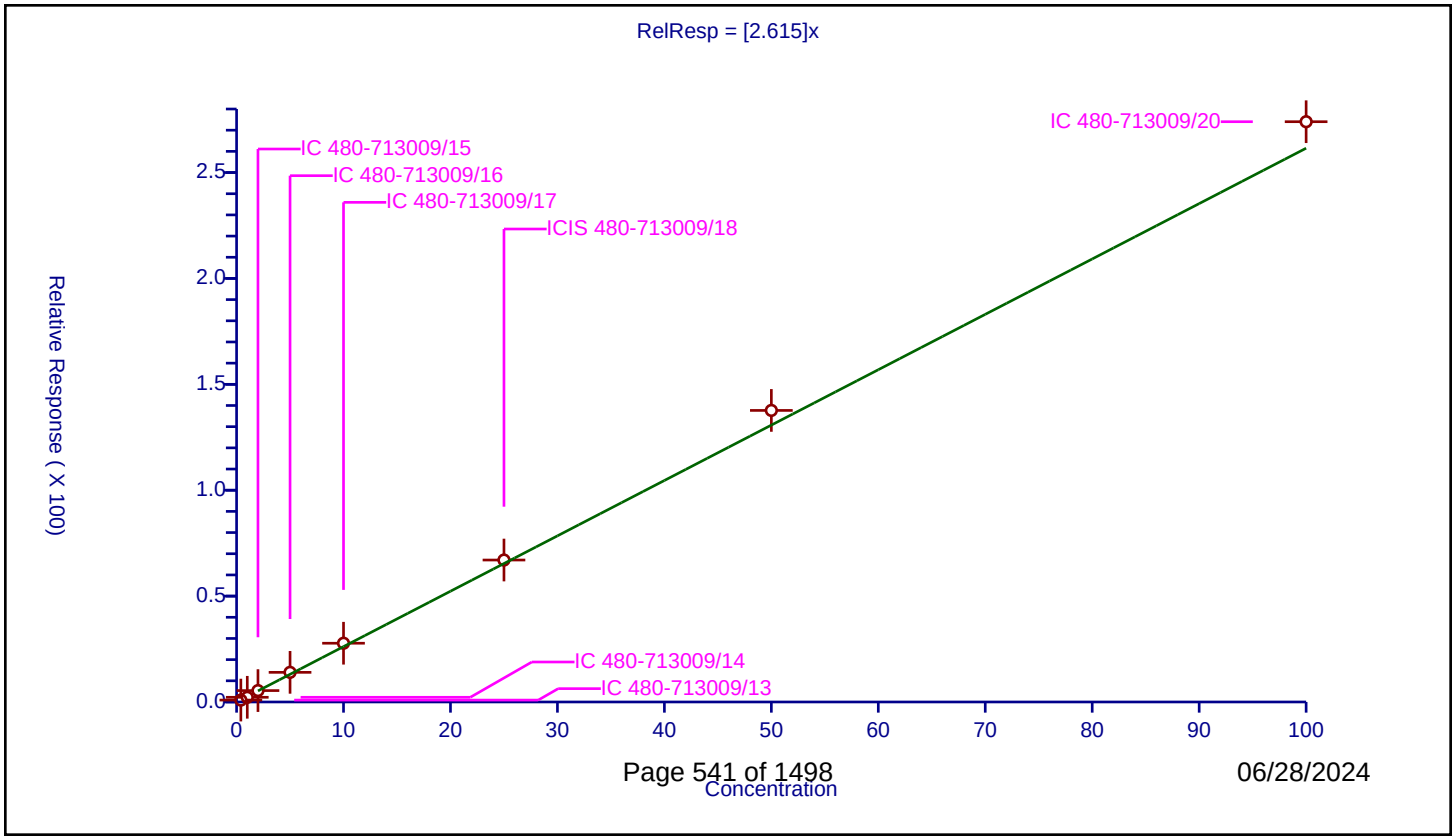
Curve Coefficients

Intercept:	0
Slope:	2.615

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.902111	25.0	347241.0	2.255278	Y
2	IC 480-713009/14	1.0	2.225073	25.0	343191.0	2.225073	Y
3	IC 480-713009/15	2.0	5.379678	25.0	338998.0	2.689839	Y
4	IC 480-713009/16	5.0	13.999658	25.0	344812.0	2.799932	Y
5	IC 480-713009/17	10.0	27.740344	25.0	343862.0	2.774034	Y
6	ICIS 480-713009/18	25.0	67.027042	25.0	347161.0	2.681082	Y
7	IC 480-713009/19	50.0	137.674505	25.0	340964.0	2.75349	Y
8	IC 480-713009/20	100.0	274.002275	25.0	332306.0	2.740023	Y



Calibration / 4-Chlorotoluene

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

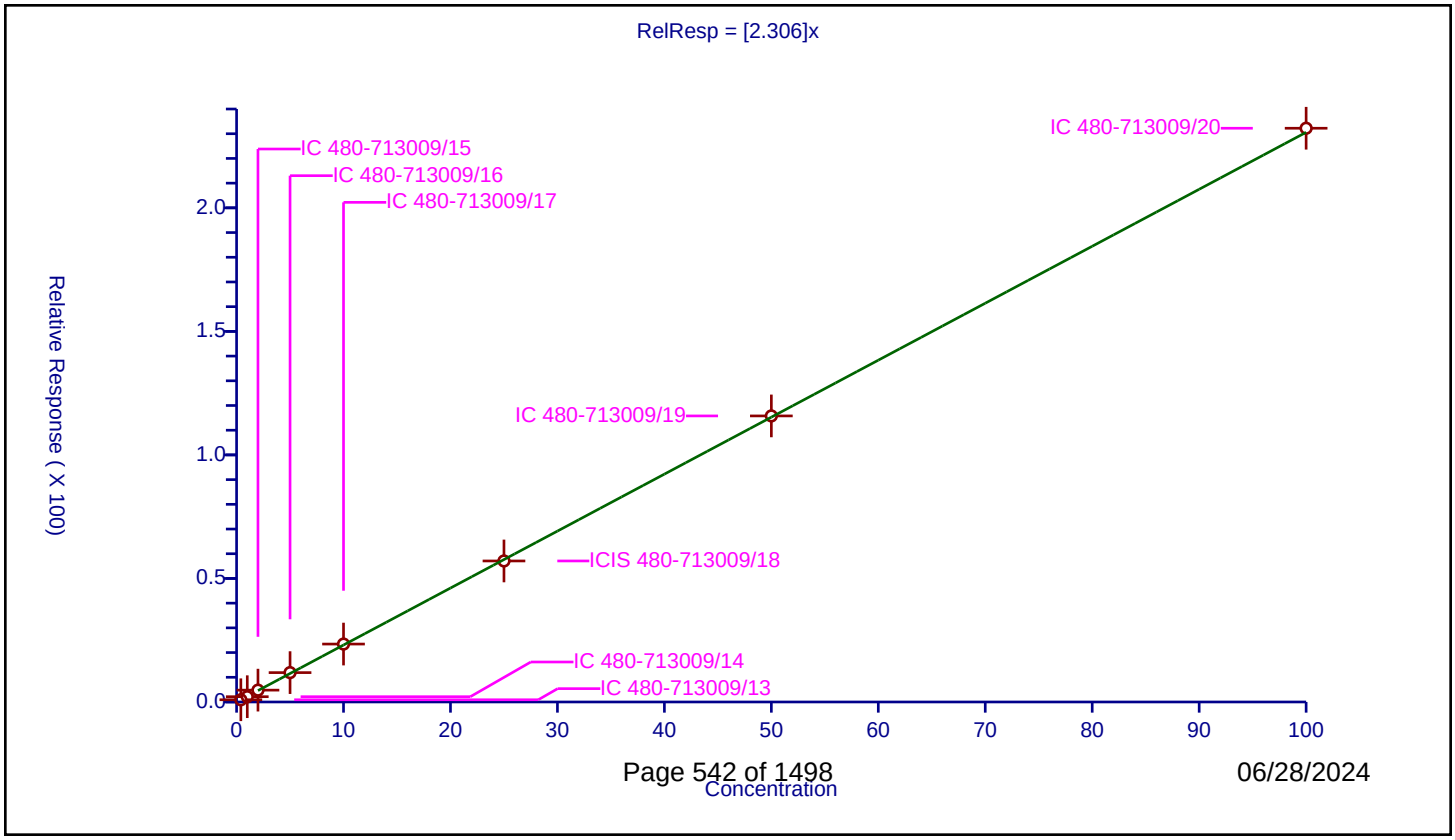
Curve Coefficients

Intercept:	0
Slope:	2.306

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.900959	25.0	347241.0	2.252398	Y
2	IC 480-713009/14	1.0	2.147274	25.0	343191.0	2.147274	Y
3	IC 480-713009/15	2.0	4.802167	25.0	338998.0	2.401083	Y
4	IC 480-713009/16	5.0	11.891698	25.0	344812.0	2.37834	Y
5	IC 480-713009/17	10.0	23.452431	25.0	343862.0	2.345243	Y
6	ICIS 480-713009/18	25.0	57.080576	25.0	347161.0	2.283223	Y
7	IC 480-713009/19	50.0	115.777839	25.0	340964.0	2.315557	Y
8	IC 480-713009/20	100.0	232.219475	25.0	332306.0	2.322195	Y



Calibration / tert-Butylbenzene

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

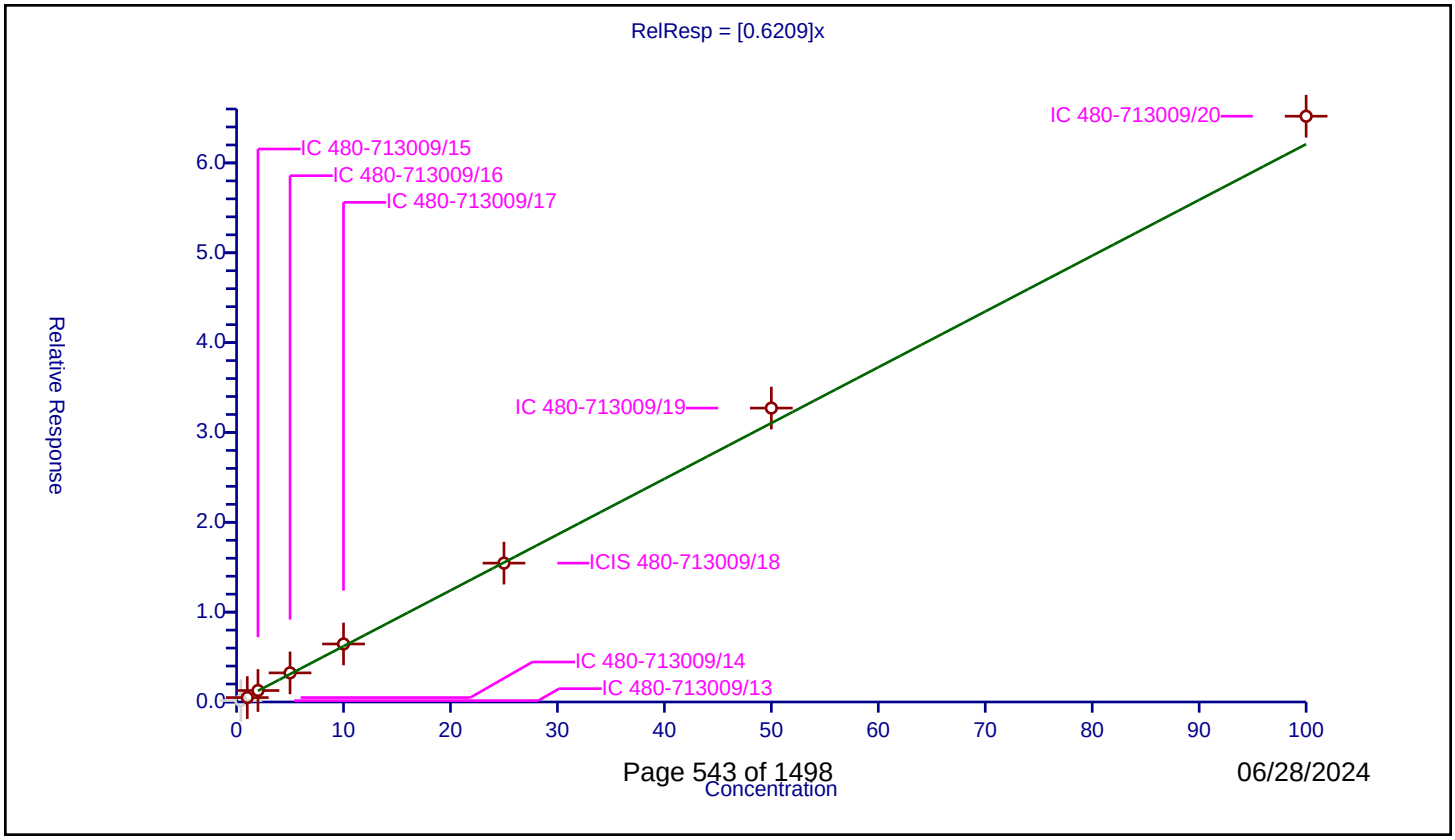
Curve Coefficients

Intercept:	0
Slope:	0.6209

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.15292	25.0	347241.0	0.382299	N
2	IC 480-713009/14	1.0	0.490179	25.0	343191.0	0.490179	Y
3	IC 480-713009/15	2.0	1.276409	25.0	338998.0	0.638204	Y
4	IC 480-713009/16	5.0	3.239084	25.0	344812.0	0.647817	Y
5	IC 480-713009/17	10.0	6.455933	25.0	343862.0	0.645593	Y
6	ICIS 480-713009/18	25.0	15.455221	25.0	347161.0	0.618209	Y
7	IC 480-713009/19	50.0	32.714084	25.0	340964.0	0.654282	Y
8	IC 480-713009/20	100.0	65.197514	25.0	332306.0	0.651975	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

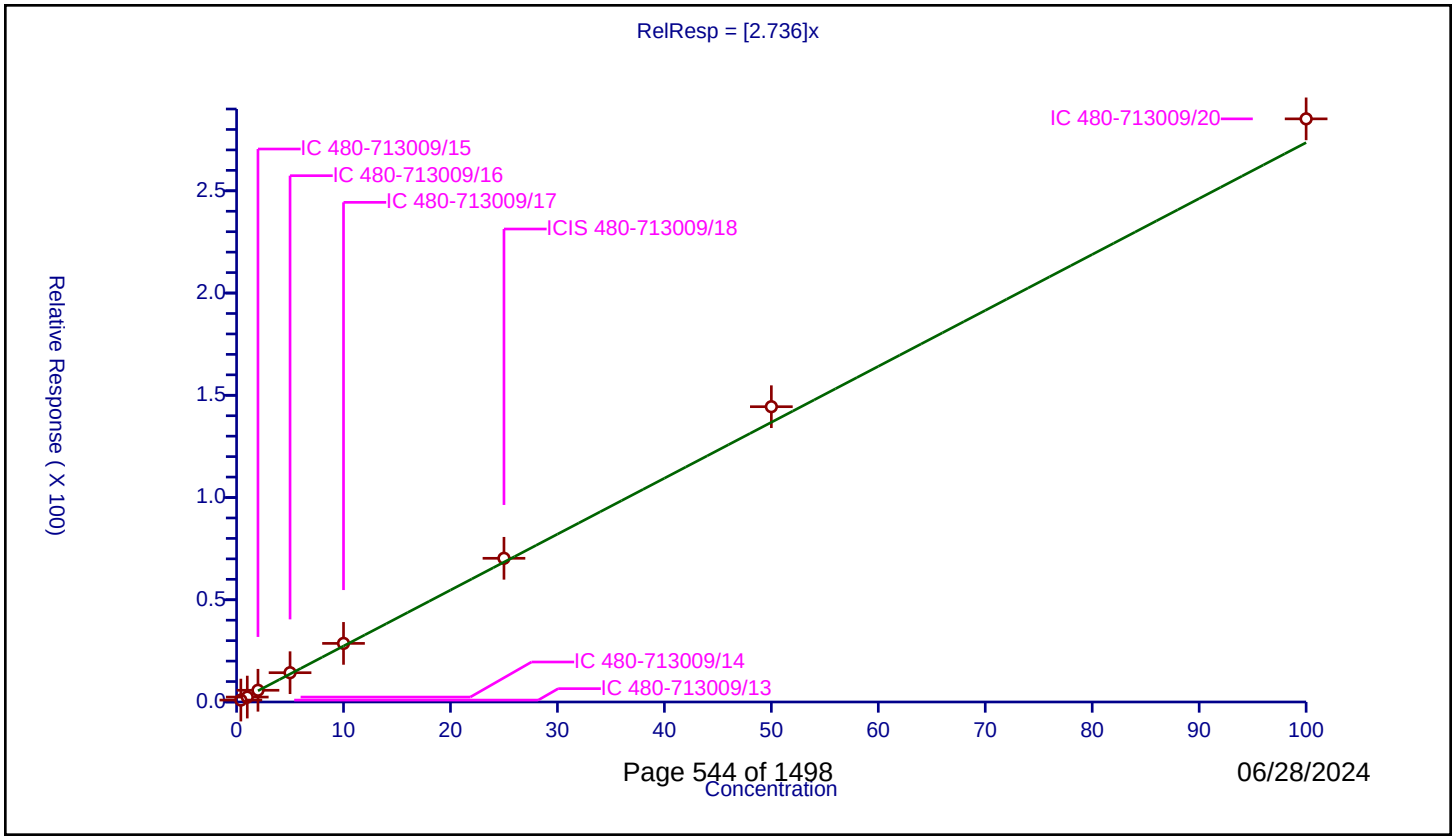
Curve Coefficients

Intercept:	0
Slope:	2.736

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.934653	25.0	347241.0	2.336634	Y
2	IC 480-713009/14	1.0	2.401141	25.0	343191.0	2.401141	Y
3	IC 480-713009/15	2.0	5.732408	25.0	338998.0	2.866204	Y
4	IC 480-713009/16	5.0	14.320485	25.0	344812.0	2.864097	Y
5	IC 480-713009/17	10.0	28.66477	25.0	343862.0	2.866477	Y
6	ICIS 480-713009/18	25.0	70.276039	25.0	347161.0	2.811042	Y
7	IC 480-713009/19	50.0	144.410114	25.0	340964.0	2.888202	Y
8	IC 480-713009/20	100.0	285.192112	25.0	332306.0	2.851921	Y



Calibration / sec-Butylbenzene

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

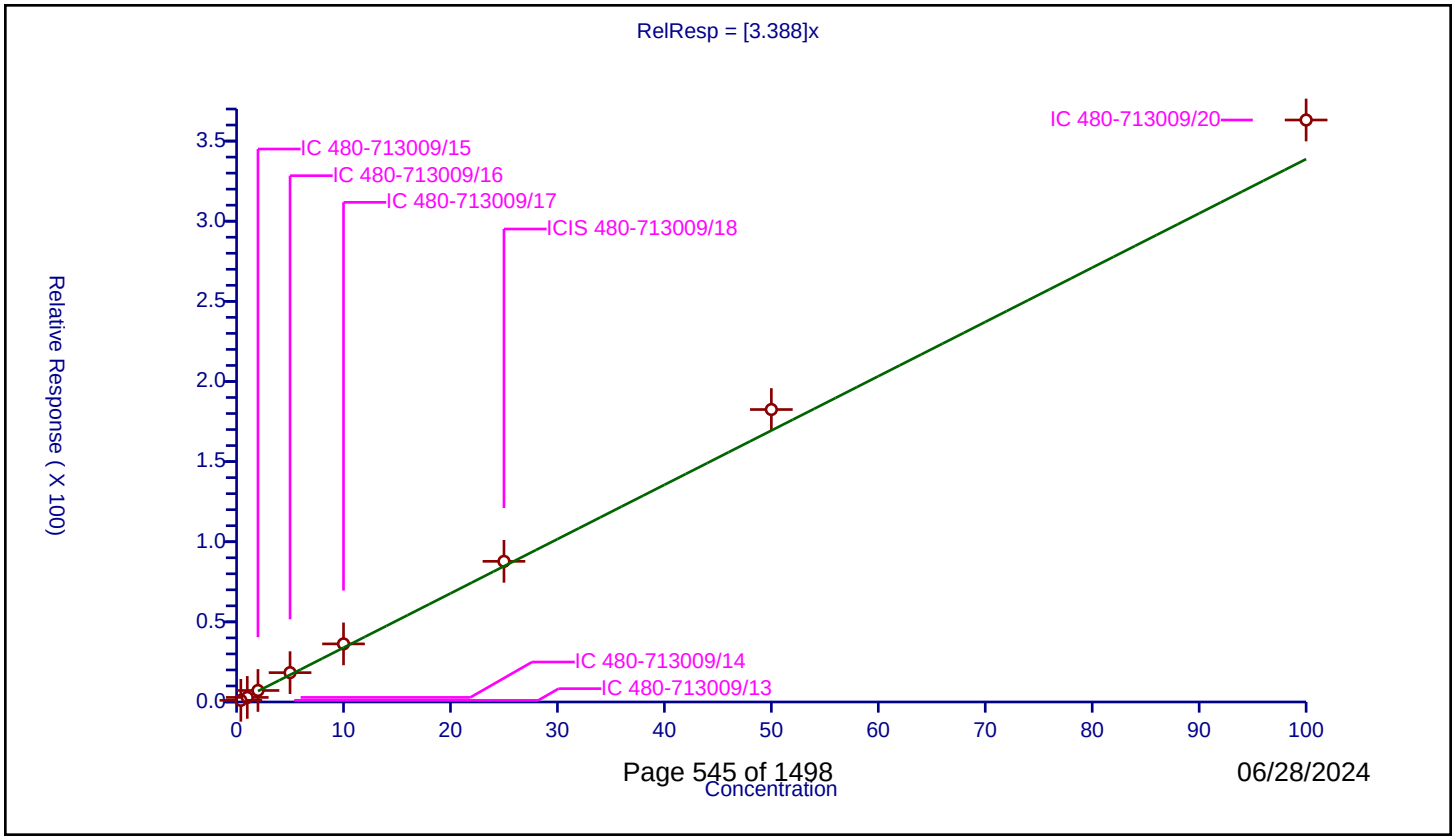
Curve Coefficients

Intercept:	0
Slope:	3.388

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.034296	25.0	347241.0	2.58574	Y
2	IC 480-713009/14	1.0	2.849579	25.0	343191.0	2.849579	Y
3	IC 480-713009/15	2.0	7.173494	25.0	338998.0	3.586747	Y
4	IC 480-713009/16	5.0	18.306787	25.0	344812.0	3.661357	Y
5	IC 480-713009/17	10.0	36.255824	25.0	343862.0	3.625582	Y
6	ICIS 480-713009/18	25.0	87.755609	25.0	347161.0	3.510224	Y
7	IC 480-713009/19	50.0	182.485761	25.0	340964.0	3.649715	Y
8	IC 480-713009/20	100.0	363.148724	25.0	332306.0	3.631487	Y



Calibration / 4-Isopropyltoluene

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

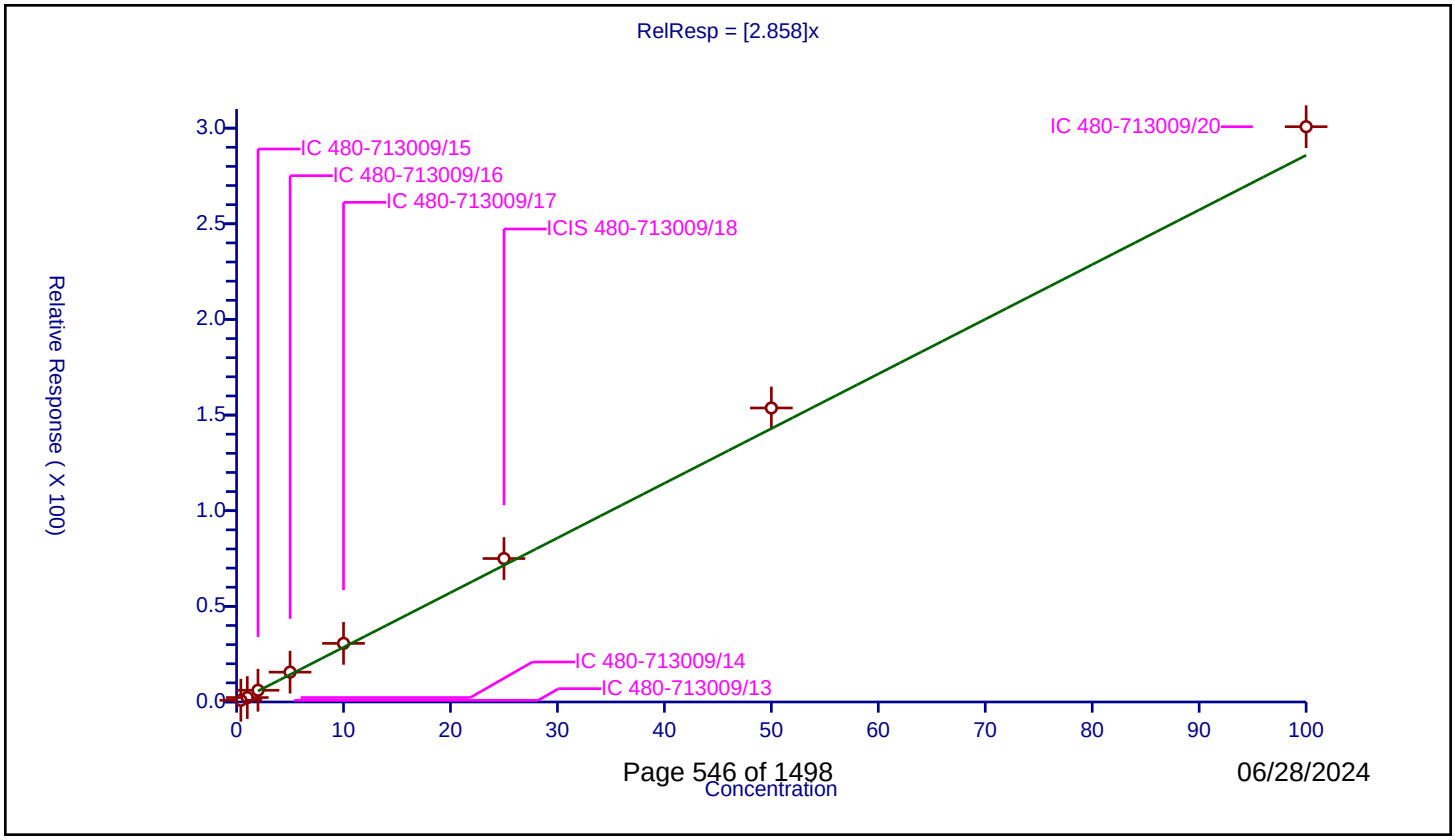
Curve Coefficients

Intercept:	0
Slope:	2.858

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.88548	25.0	347241.0	2.2137	Y
2	IC 480-713009/14	1.0	2.322031	25.0	343191.0	2.322031	Y
3	IC 480-713009/15	2.0	6.129313	25.0	338998.0	3.064657	Y
4	IC 480-713009/16	5.0	15.607925	25.0	344812.0	3.121585	Y
5	IC 480-713009/17	10.0	30.637145	25.0	343862.0	3.063715	Y
6	ICIS 480-713009/18	25.0	74.993447	25.0	347161.0	2.999738	Y
7	IC 480-713009/19	50.0	153.700024	25.0	340964.0	3.074	Y
8	IC 480-713009/20	100.0	300.75104	25.0	332306.0	3.00751	Y



Calibration / 1,3-Dichlorobenzene

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

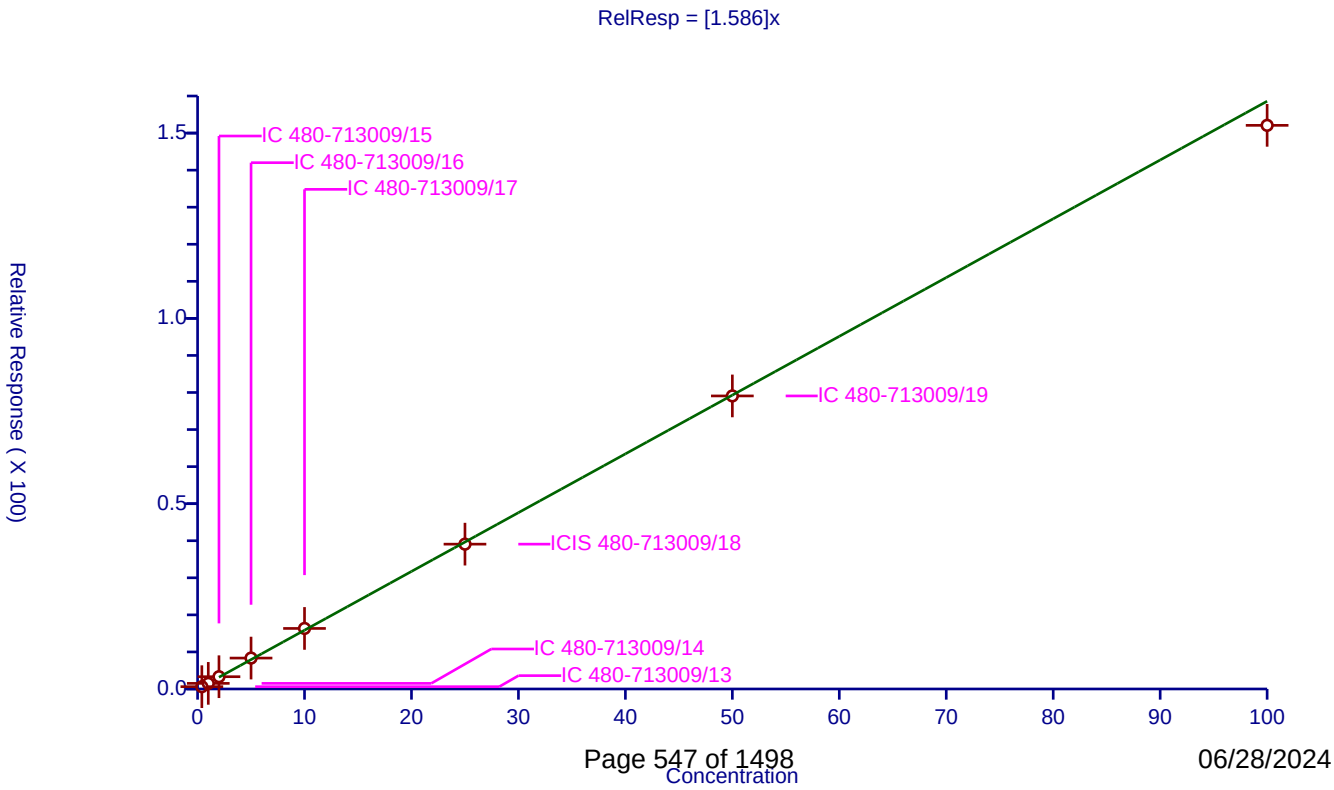
Curve Coefficients

Intercept:	0
Slope:	1.586

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.621254	25.0	347241.0	1.553136	Y
2	IC 480-713009/14	1.0	1.511039	25.0	343191.0	1.511039	Y
3	IC 480-713009/15	2.0	3.310418	25.0	338998.0	1.655209	Y
4	IC 480-713009/16	5.0	8.343895	25.0	344812.0	1.668779	Y
5	IC 480-713009/17	10.0	16.335987	25.0	343862.0	1.633599	Y
6	ICIS 480-713009/18	25.0	39.082515	25.0	347161.0	1.563301	Y
7	IC 480-713009/19	50.0	79.07697	25.0	340964.0	1.581539	Y
8	IC 480-713009/20	100.0	152.086556	25.0	332306.0	1.520866	Y



Calibration / 1,4-Dichlorobenzene

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

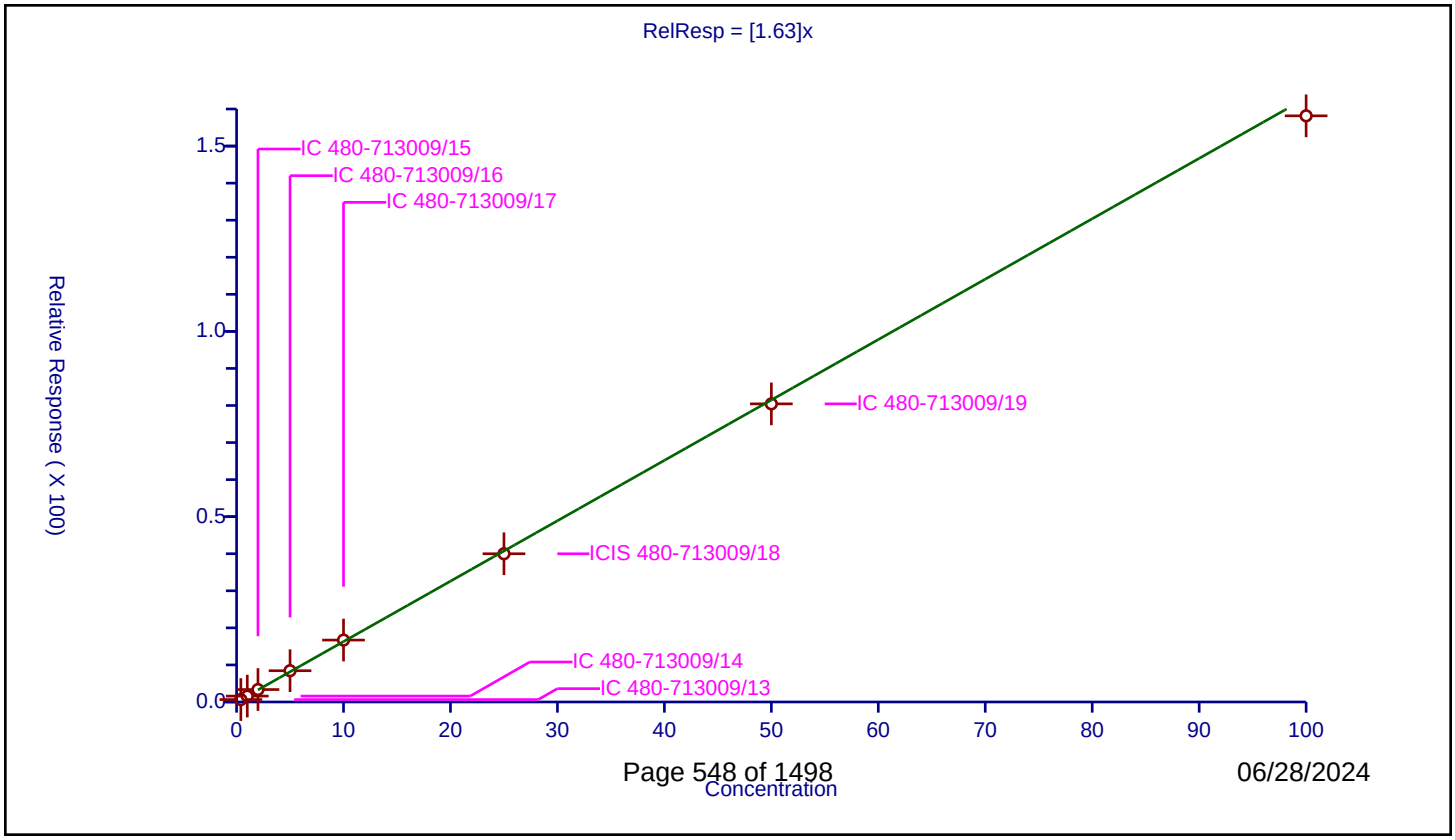
Curve Coefficients

Intercept:	0
Slope:	1.63

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.648109	25.0	347241.0	1.620272	Y
2	IC 480-713009/14	1.0	1.591606	25.0	343191.0	1.591606	Y
3	IC 480-713009/15	2.0	3.357099	25.0	338998.0	1.67855	Y
4	IC 480-713009/16	5.0	8.436481	25.0	344812.0	1.687296	Y
5	IC 480-713009/17	10.0	16.701249	25.0	343862.0	1.670125	Y
6	ICIS 480-713009/18	25.0	39.997364	25.0	347161.0	1.599895	Y
7	IC 480-713009/19	50.0	80.437378	25.0	340964.0	1.608748	Y
8	IC 480-713009/20	100.0	158.157692	25.0	332306.0	1.581577	Y



Calibration / n-Butylbenzene

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

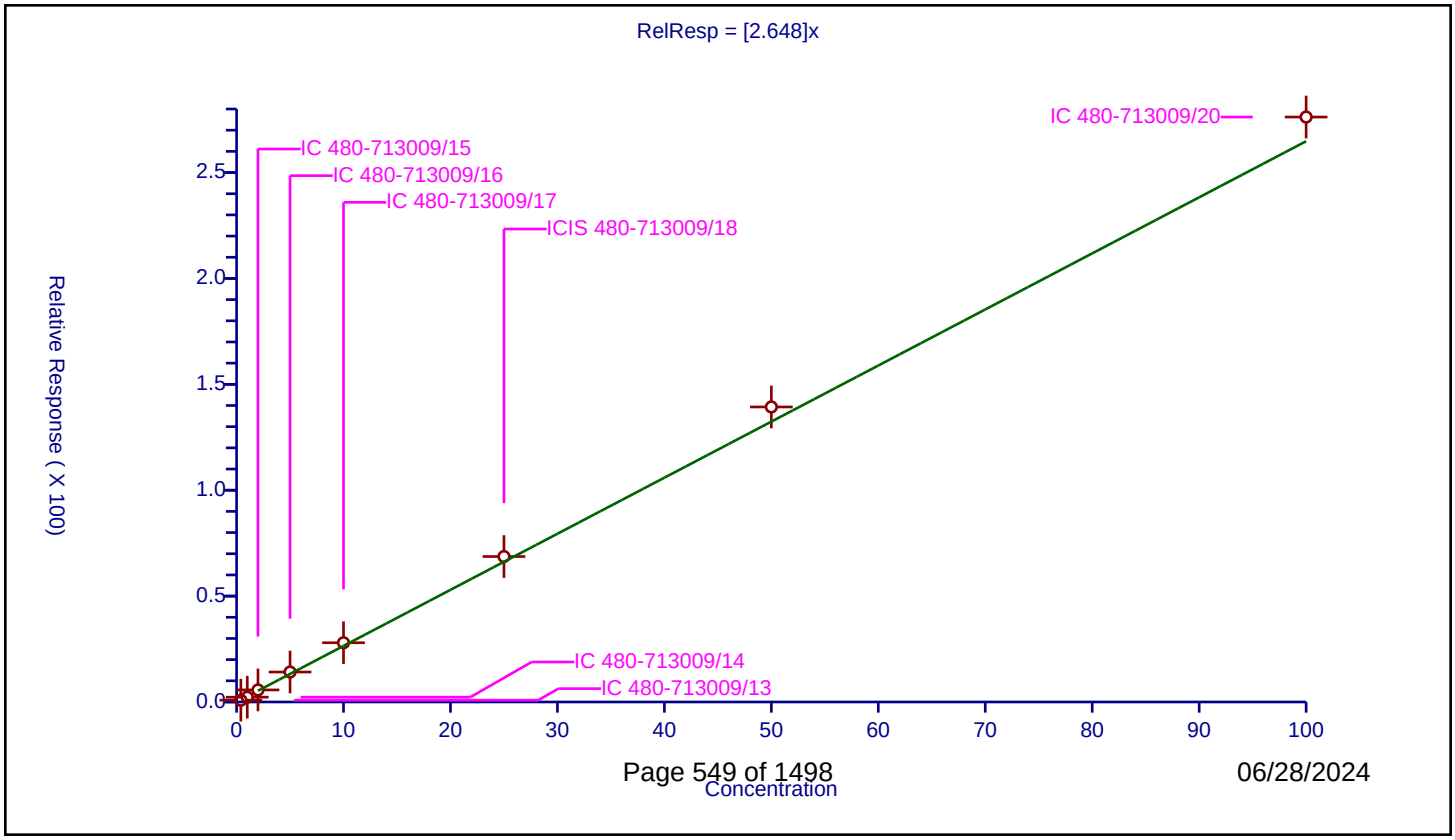
Curve Coefficients

Intercept:	0
Slope:	2.648

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.853802	25.0	347241.0	2.134505	Y
2	IC 480-713009/14	1.0	2.276211	25.0	343191.0	2.276211	Y
3	IC 480-713009/15	2.0	5.698632	25.0	338998.0	2.849316	Y
4	IC 480-713009/16	5.0	14.148797	25.0	344812.0	2.829759	Y
5	IC 480-713009/17	10.0	27.971614	25.0	343862.0	2.797161	Y
6	ICIS 480-713009/18	25.0	68.676853	25.0	347161.0	2.747074	Y
7	IC 480-713009/19	50.0	139.306056	25.0	340964.0	2.786121	Y
8	IC 480-713009/20	100.0	276.206042	25.0	332306.0	2.76206	Y



Calibration / 1,2-Dichlorobenzene

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

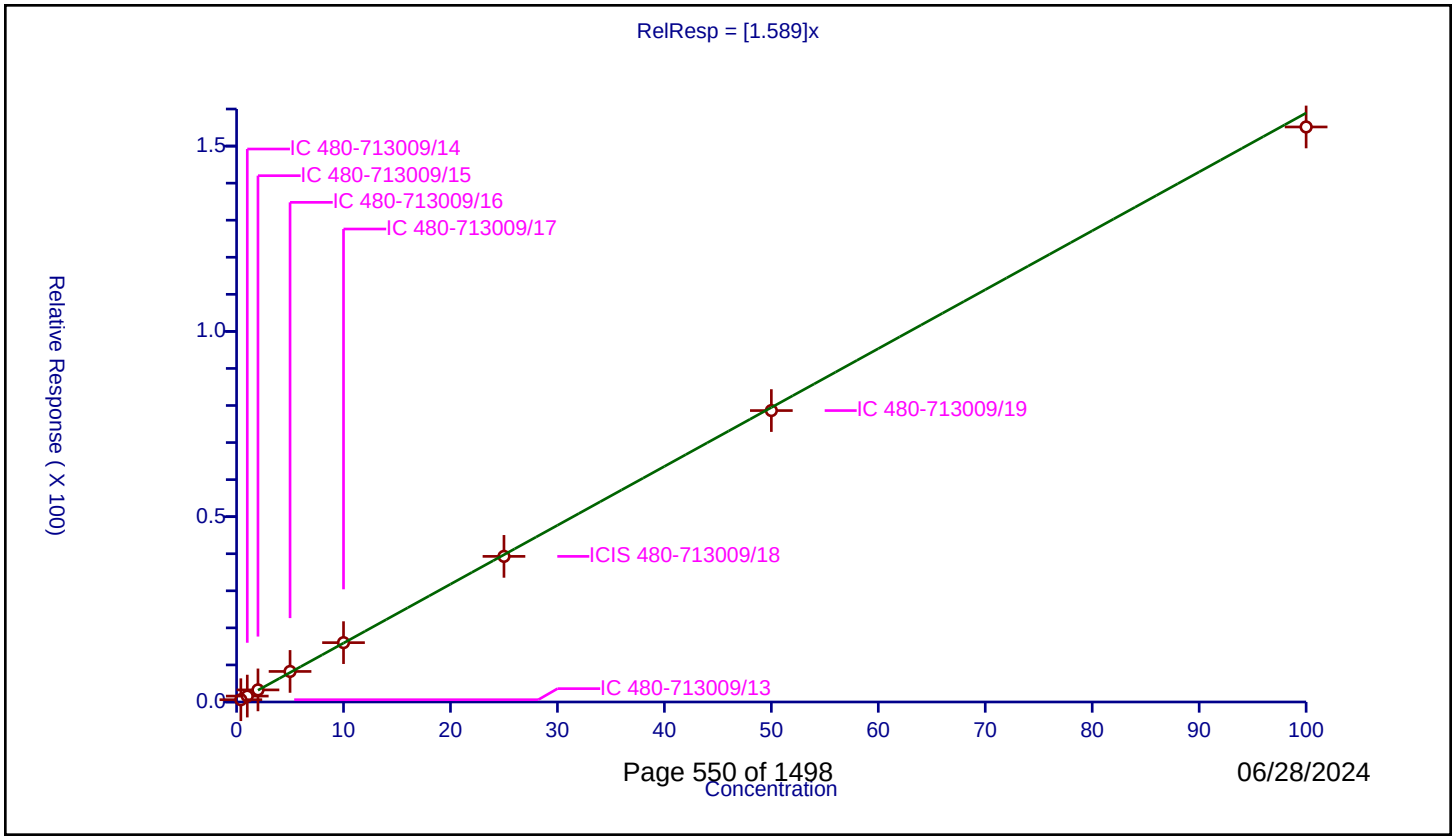
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.617583	25.0	347241.0	1.543957	Y
2	IC 480-713009/14	1.0	1.593646	25.0	343191.0	1.593646	Y
3	IC 480-713009/15	2.0	3.261671	25.0	338998.0	1.630836	Y
4	IC 480-713009/16	5.0	8.242608	25.0	344812.0	1.648522	Y
5	IC 480-713009/17	10.0	16.010493	25.0	343862.0	1.601049	Y
6	ICIS 480-713009/18	25.0	39.287751	25.0	347161.0	1.57151	Y
7	IC 480-713009/19	50.0	78.631982	25.0	340964.0	1.57264	Y
8	IC 480-713009/20	100.0	155.156091	25.0	332306.0	1.551561	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

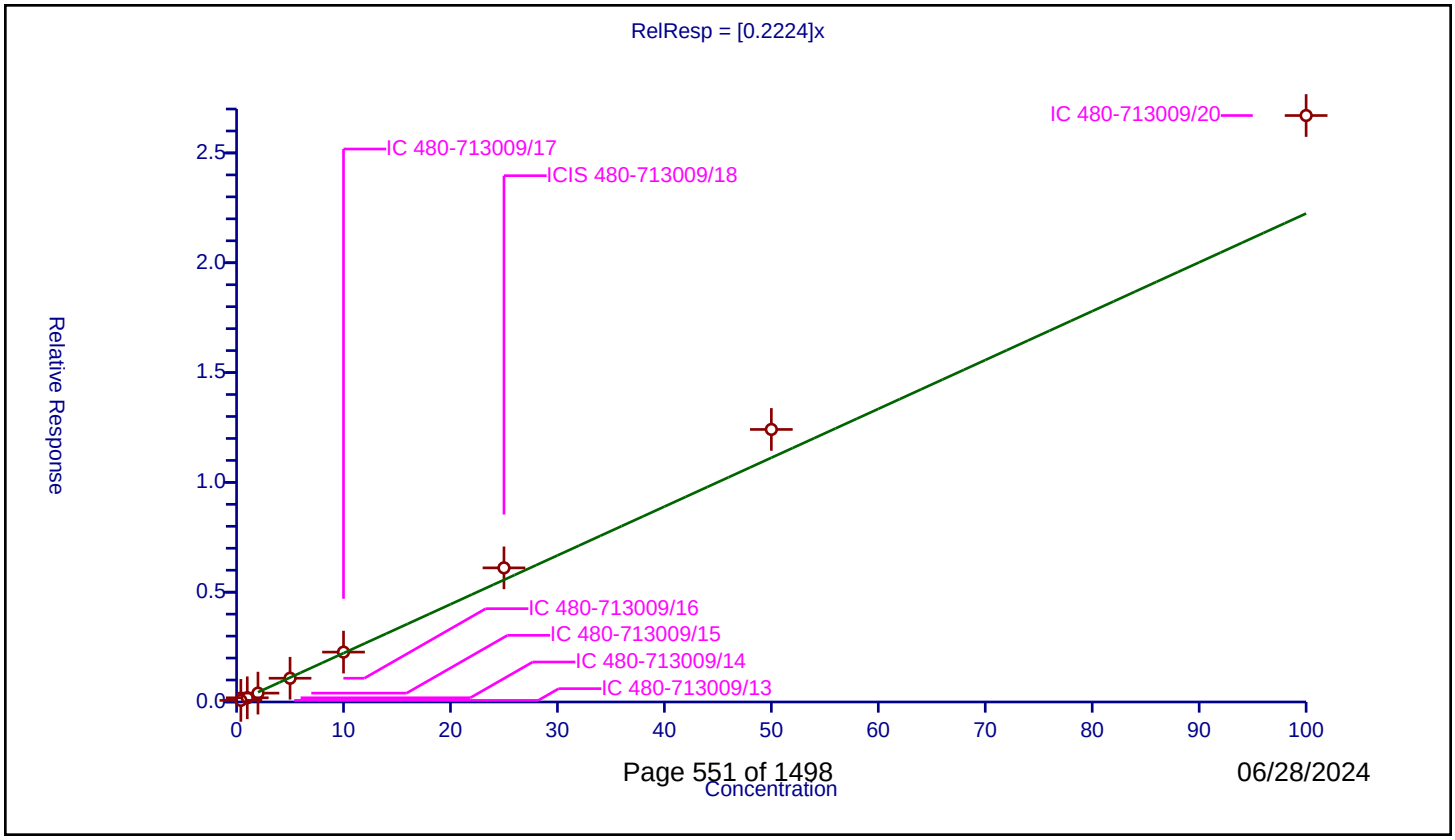
Curve Coefficients

Intercept:	0
Slope:	0.2224

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.07358	25.0	347241.0	0.18395	Y
2	IC 480-713009/14	1.0	0.191074	25.0	343191.0	0.191074	Y
3	IC 480-713009/15	2.0	0.403173	25.0	338998.0	0.201587	Y
4	IC 480-713009/16	5.0	1.080951	25.0	344812.0	0.21619	Y
5	IC 480-713009/17	10.0	2.271115	25.0	343862.0	0.227111	Y
6	ICIS 480-713009/18	25.0	6.106317	25.0	347161.0	0.244253	Y
7	IC 480-713009/19	50.0	12.409741	25.0	340964.0	0.248195	Y
8	IC 480-713009/20	100.0	26.703174	25.0	332306.0	0.267032	Y



Calibration / 1,2,4-Trichlorobenzene

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

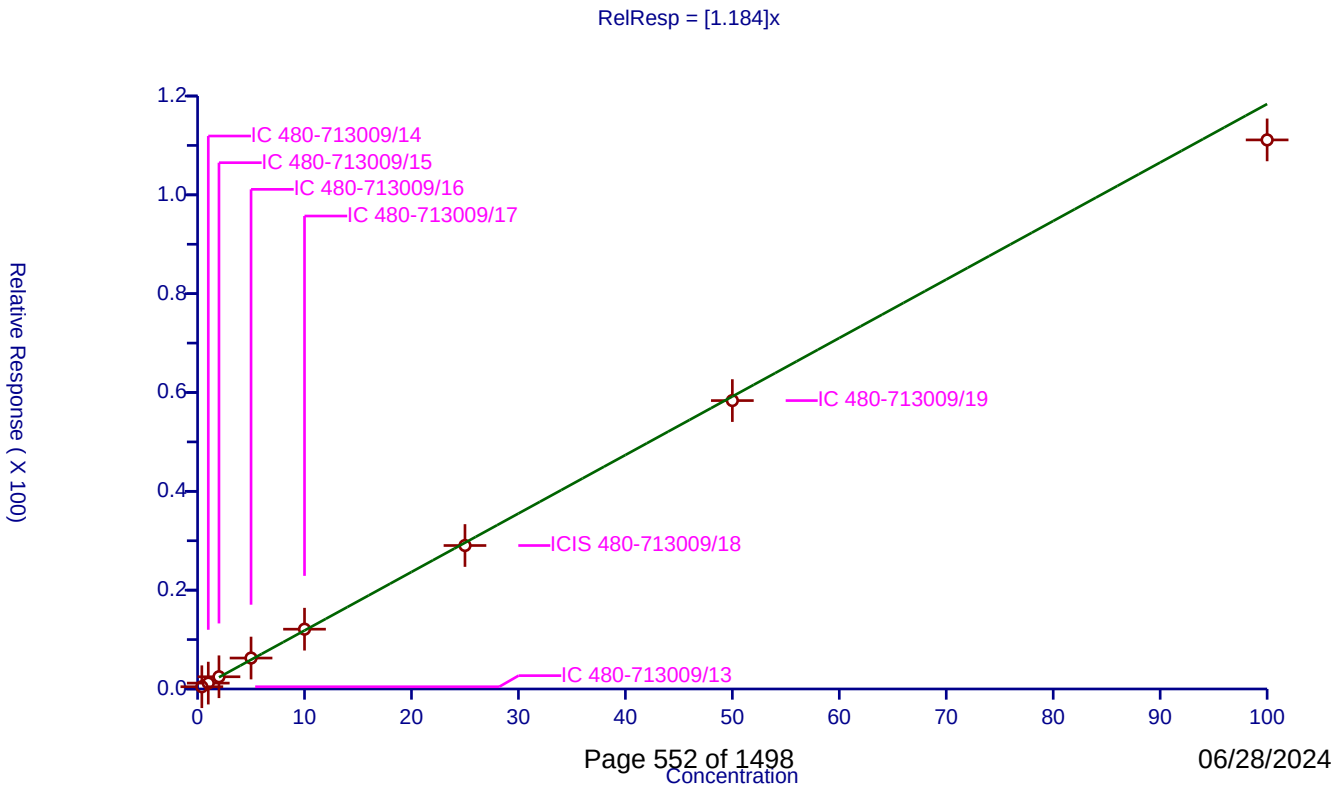
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.457103	25.0	347241.0	1.142758	Y
2	IC 480-713009/14	1.0	1.188988	25.0	343191.0	1.188988	Y
3	IC 480-713009/15	2.0	2.473466	25.0	338998.0	1.236733	Y
4	IC 480-713009/16	5.0	6.26015	25.0	344812.0	1.25203	Y
5	IC 480-713009/17	10.0	12.102748	25.0	343862.0	1.210275	Y
6	ICIS 480-713009/18	25.0	29.034583	25.0	347161.0	1.161383	Y
7	IC 480-713009/19	50.0	58.367379	25.0	340964.0	1.167348	Y
8	IC 480-713009/20	100.0	111.115132	25.0	332306.0	1.111151	Y



Calibration / Hexachlorobutadiene

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

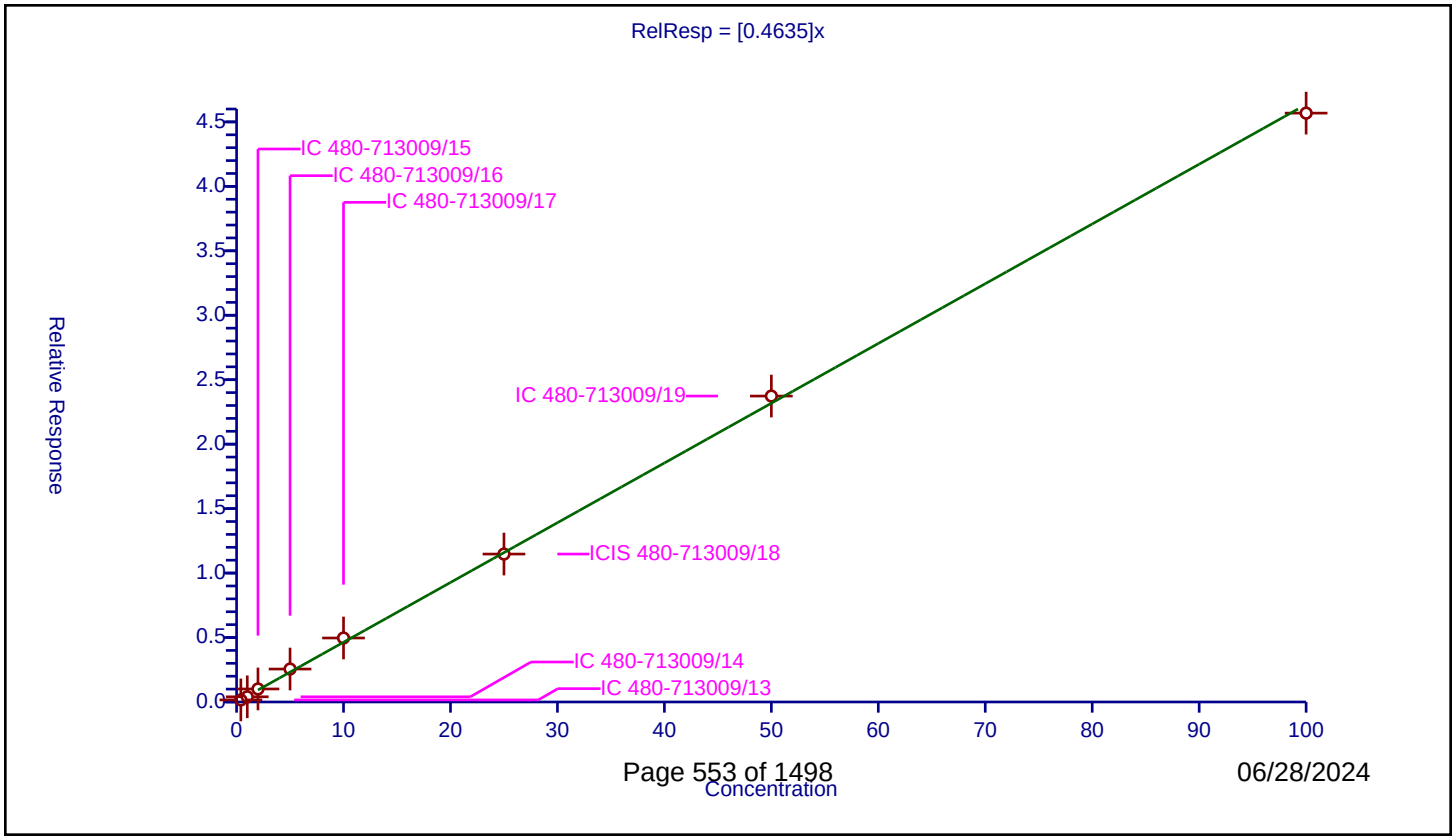
Curve Coefficients

Intercept:	0
Slope:	0.4635

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.161055	25.0	347241.0	0.402638	Y
2	IC 480-713009/14	1.0	0.402036	25.0	343191.0	0.402036	Y
3	IC 480-713009/15	2.0	1.010773	25.0	338998.0	0.505386	Y
4	IC 480-713009/16	5.0	2.556321	25.0	344812.0	0.511264	Y
5	IC 480-713009/17	10.0	4.963837	25.0	343862.0	0.496384	Y
6	ICIS 480-713009/18	25.0	11.475583	25.0	347161.0	0.459023	Y
7	IC 480-713009/19	50.0	23.732491	25.0	340964.0	0.47465	Y
8	IC 480-713009/20	100.0	45.680412	25.0	332306.0	0.456804	Y



Calibration / Naphthalene

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

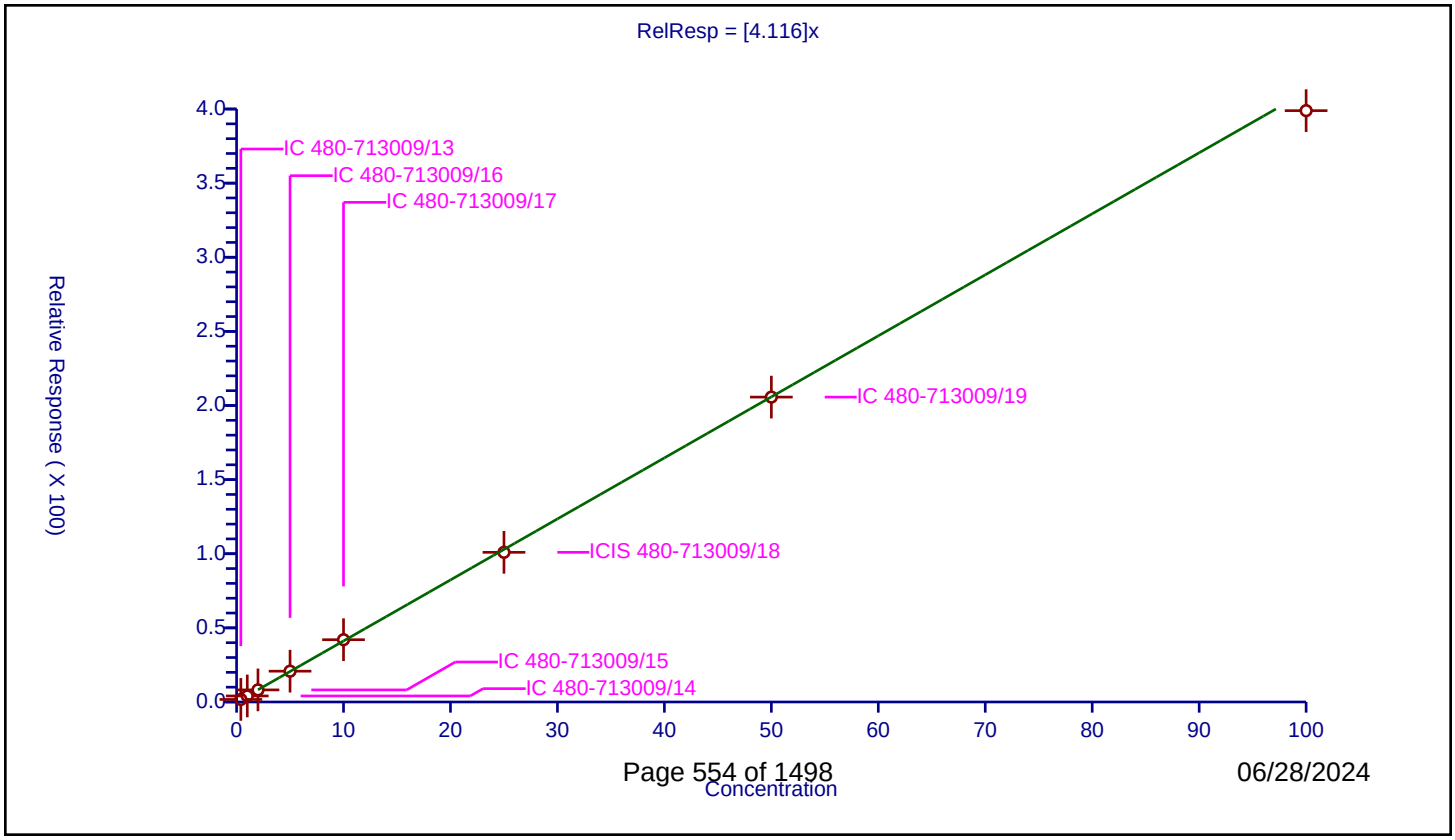
Curve Coefficients

Intercept:	0
Slope:	4.116

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	1.710843	25.0	347241.0	4.277109	Y
2	IC 480-713009/14	1.0	4.070182	25.0	343191.0	4.070182	Y
3	IC 480-713009/15	2.0	8.166567	25.0	338998.0	4.083284	Y
4	IC 480-713009/16	5.0	20.793722	25.0	344812.0	4.158744	Y
5	IC 480-713009/17	10.0	42.01591	25.0	343862.0	4.201591	Y
6	ICIS 480-713009/18	25.0	100.963098	25.0	347161.0	4.038524	Y
7	IC 480-713009/19	50.0	205.667534	25.0	340964.0	4.113351	Y
8	IC 480-713009/20	100.0	398.911094	25.0	332306.0	3.989111	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

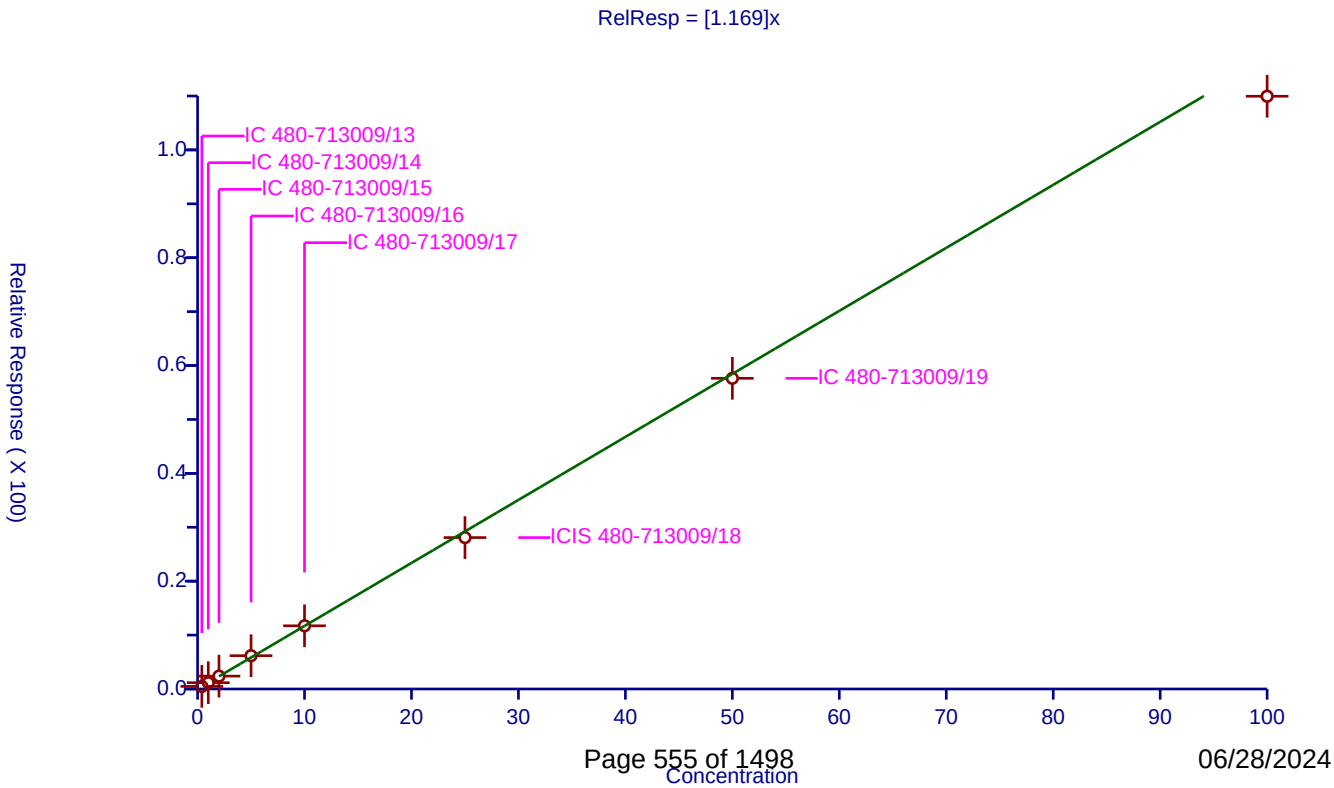
Curve Coefficients

Intercept:	0
Slope:	1.169

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-713009/13	0.4	0.48151	25.0	347241.0	1.203775	Y
2	IC 480-713009/14	1.0	1.171287	25.0	343191.0	1.171287	Y
3	IC 480-713009/15	2.0	2.386813	25.0	338998.0	1.193407	Y
4	IC 480-713009/16	5.0	6.178149	25.0	344812.0	1.23563	Y
5	IC 480-713009/17	10.0	11.722144	25.0	343862.0	1.172214	Y
6	ICIS 480-713009/18	25.0	28.08524	25.0	347161.0	1.12341	Y
7	IC 480-713009/19	50.0	57.630498	25.0	340964.0	1.15261	Y
8	IC 480-713009/20	100.0	109.955809	25.0	332306.0	1.099558	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-710810/34 | Calibration Date: 05/07/2024 01:23

Instrument ID: HP5973S | Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) | Calib End Date: 05/06/2024 19:32

Lab File ID: S8324.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	1.762	1.085	0.1000	15.4	25.0	-38.4	50.0
Chloromethane	Ave	1.698	1.400	0.1000	20.6	25.0	-17.5	30.0
Vinyl chloride	Ave	1.388	1.246	0.1000	22.5	25.0	-10.2	30.0
Butadiene	Ave	1.567	1.556		24.8	25.0	-0.6	30.0
Bromomethane	Ave	0.9247	0.8637	0.1000	23.4	25.0	-6.6	50.0
Chloroethane	Ave	1.008	0.9032	0.1000	22.4	25.0	-10.4	50.0
Trichlorofluoromethane	Ave	1.950	1.850	0.1000	23.7	25.0	-5.1	30.0
Ethyl ether	Ave	1.310	1.270		24.2	25.0	-3.0	30.0
Acrolein	Ave	0.1418	0.1296		114	125	-8.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.133	1.141	0.1000	25.2	25.0	0.7	30.0
1,1-Dichloroethene	Ave	1.137	1.202	0.1000	26.4	25.0	5.8	30.0
Acetone	Ave	0.5423	0.6079	0.1000	140	125	12.1	50.0
Iodomethane	Ave	2.074	2.117		25.5	25.0	2.1	30.0
Carbon disulfide	Ave	3.754	3.697	0.1000	24.6	25.0	-1.5	30.0
Allyl chloride	Ave	2.524	2.306		22.8	25.0	-8.6	30.0
Methyl acetate	Ave	1.365	1.322	0.1000	48.4	50.0	-3.2	50.0
Methylene Chloride	Lin1		1.445	0.1000	26.9	25.0	7.5	30.0
2-Methyl-2-propanol	Ave	0.2067	0.1872		226	250	-9.4	50.0
Methyl tert-butyl ether	Ave	4.997	4.862	0.1000	24.3	25.0	-2.7	30.0
trans-1,2-Dichloroethene	Ave	1.440	1.433	0.1000	24.9	25.0	-0.5	30.0
Acrylonitrile	Ave	0.6722	0.6794		253	250	1.1	30.0
Hexane	Ave	1.691	1.697		25.1	25.0	0.4	30.0
1,1-Dichloroethane	Ave	2.467	2.500	0.2000	25.3	25.0	1.3	30.0
Vinyl acetate	Ave	2.859	3.046		53.3	50.0	6.5	30.0
2,2-Dichloropropane	Ave	1.637	1.295		19.8	25.0	-20.9	30.0
cis-1,2-Dichloroethene	Ave	1.669	1.527	0.1000	22.9	25.0	-8.5	30.0
2-Butanone (MEK)	Ave	0.6401	0.7840	0.1000	153	125	22.5	30.0
Chlorobromomethane	Ave	0.7978	0.7677		24.1	25.0	-3.8	30.0
Tetrahydrofuran	Ave	0.4928	0.5330		54.1	50.0	8.1	30.0
Chloroform	Ave	2.613	2.477	0.2000	23.7	25.0	-5.2	30.0
1,1,1-Trichloroethane	Ave	2.007	2.155	0.1000	26.8	25.0	7.4	30.0
Cyclohexane	Ave	2.352	2.350	0.1000	25.0	25.0	-0.0	30.0
Carbon tetrachloride	Ave	1.794	1.818	0.1000	25.3	25.0	1.4	30.0
1,1-Dichloropropene	Ave	1.651	1.761		26.7	25.0	6.6	30.0
Benzene	Ave	4.946	5.161	0.5000	26.1	25.0	4.4	30.0
Isobutyl alcohol	Ave	0.0703	0.0756		672	625	7.5	50.0
1,2-Dichloroethane	Ave	1.868	1.912	0.1000	25.6	25.0	2.4	30.0
n-Heptane	Ave	1.529	1.566		25.6	25.0	2.5	30.0
Trichloroethene	Ave	1.301	1.338	0.2000	25.7	25.0	2.8	30.0
Methylcyclohexane	Ave	2.268	2.200	0.1000	24.3	25.0	-3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-710810/34 Calibration Date: 05/07/2024 01:23

Instrument ID: HP5973S Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 05/06/2024 19:32

Lab File ID: S8324.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-Dichloropropane	Ave	1.102	1.189	0.1000	27.0	25.0	7.9	30.0
Dibromomethane	Ave	0.8462	0.8492	0.1000	25.1	25.0	0.4	30.0
1,4-Dioxane	Ave	0.0050	0.0035		353	500	-29.5	50.0
Bromodichloromethane	Ave	1.601	1.671	0.2000	26.1	25.0	4.4	30.0
2-Chloroethyl vinyl ether	Ave	0.5775	0.6706		29.0	25.0	16.1	30.0
cis-1,3-Dichloropropene	Ave	1.672	1.739	0.2000	26.0	25.0	4.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8524	0.8593	0.1000	126	125	0.8	30.0
Toluene	Ave	1.604	1.620	0.4000	25.2	25.0	1.0	30.0
trans-1,3-Dichloropropene	Ave	0.8029	0.9059	0.1000	28.2	25.0	12.8	30.0
Ethyl methacrylate	Ave	0.8224	0.8422		25.6	25.0	2.4	30.0
1,1,2-Trichloroethane	Ave	0.4382	0.4493	0.1000	25.6	25.0	2.5	30.0
Tetrachloroethene	Ave	0.6700	0.6879	0.2000	25.7	25.0	2.7	30.0
1,3-Dichloropropane	Ave	0.8602	0.9037		26.3	25.0	5.1	30.0
2-Hexanone	Ave	0.4551	0.5134	0.1000	141	125	12.8	30.0
Dibromochloromethane	Ave	0.6156	0.6486	0.1000	26.3	25.0	5.4	30.0
1,2-Dibromoethane	Ave	0.5402	0.5759		26.7	25.0	6.6	30.0
Chlorobenzene	Ave	1.682	1.731	0.5000	25.7	25.0	2.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6891	0.7433		27.0	25.0	7.9	30.0
Ethylbenzene	Ave	2.872	3.042	0.1000	26.5	25.0	5.9	30.0
m-Xylene & p-Xylene	Ave	1.146	1.188	0.1000	25.9	25.0	3.6	30.0
o-Xylene	Ave	1.267	1.247	0.3000	24.6	25.0	-1.5	30.0
Styrene	Ave	1.784	1.863	0.3000	26.1	25.0	4.4	30.0
Bromoform	Ave	0.4242	0.4480	0.1000	26.4	25.0	5.6	50.0
Isopropylbenzene	Ave	2.966	3.250	0.1000	27.4	25.0	9.6	30.0
Bromobenzene	Ave	0.6922	0.7362		26.6	25.0	6.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8145	0.8463	0.3000	26.0	25.0	3.9	30.0
N-Propylbenzene	Ave	3.413	3.704		27.1	25.0	8.5	30.0
1,2,3-Trichloropropane	Ave	0.2917	0.2820		24.2	25.0	-3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2554	0.2513		24.6	25.0	-1.6	50.0
2-Chlorotoluene	Ave	0.7091	0.7677		27.1	25.0	8.3	30.0
1,3,5-Trimethylbenzene	Ave	2.586	2.788		27.0	25.0	7.8	30.0
4-Chlorotoluene	Ave	0.6664	0.7344		27.6	25.0	10.2	30.0
tert-Butylbenzene	Ave	0.5332	0.5898		27.7	25.0	10.6	30.0
1,2,4-Trimethylbenzene	Ave	2.710	2.842		26.2	25.0	4.9	30.0
sec-Butylbenzene	Ave	3.074	3.433		27.9	25.0	11.7	30.0
1,3-Dichlorobenzene	Ave	1.395	1.466	0.6000	26.3	25.0	5.1	30.0
4-Isopropyltoluene	Ave	2.867	3.048		26.6	25.0	6.3	30.0
1,4-Dichlorobenzene	Ave	1.437	1.478	0.5000	25.7	25.0	2.8	30.0
n-Butylbenzene	Ave	2.510	2.641		26.3	25.0	5.2	30.0
1,2-Dichlorobenzene	Ave	1.494	1.565	0.4000	26.2	25.0	4.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2115	0.2250	0.0500	26.6	25.0	6.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-710810/34 Calibration Date: 05/07/2024 01:23

Instrument ID: HP5973S Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 05/06/2024 19:32

Lab File ID: S8324.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.229	1.250	0.2000	25.4	25.0	1.7	30.0
Hexachlorobutadiene	Ave	0.4697	0.5171		27.5	25.0	10.1	30.0
Naphthalene	Ave	3.861	4.028		26.1	25.0	4.3	30.0
1,2,3-Trichlorobenzene	Ave	1.218	1.235		25.4	25.0	1.4	30.0
Dibromofluoromethane (Surr)	Ave	1.404	1.362		24.3	25.0	-2.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8247	0.8546		25.9	25.0	3.6	30.0
Toluene-d8 (Surr)	Ave	2.425	2.401		24.8	25.0	-1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.7436	0.7422		25.0	25.0	-0.2	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8324.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-May-2024 01:23:30 ALS Bottle#: 34 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0117811-034
Operator ID: ZN Instrument ID: HP5973S
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-May-2024 11:53:34 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: WLL8 Date: 07-May-2024 10:40:10

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	195576	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.702	0.000	87	362339	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	66	375822	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	55	266435	25.0	24.3	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	53	167146	25.0	25.9	
$ 5 Toluene-d8 (Surr)	98	6.242	6.242	0.000	58	870088	25.0	24.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.955	8.956	-0.001	88	268927	25.0	25.0	
10 Dichlorodifluoromethane	85	0.998	0.998	0.000	87	212280	25.0	15.4	
12 Chloromethane	50	1.132	1.126	0.006	88	273847	25.0	20.6	
13 Vinyl chloride	62	1.205	1.205	0.000	82	243774	25.0	22.5	
151 Butadiene	54	1.217	1.217	0.000	94	304412	25.0	24.8	
14 Bromomethane	94	1.448	1.448	0.000	91	168922	25.0	23.4	
15 Chloroethane	64	1.515	1.509	0.006	95	176641	25.0	22.4	
17 Trichlorofluoromethane	101	1.698	1.692	0.006	86	361799	25.0	23.7	
18 Ethyl ether	59	1.917	1.917	0.000	90	248346	25.0	24.2	
20 Acrolein	56	2.081	2.081	0.000	91	126764	125.0	114.3	
22 1,1-Dichloroethene	96	2.111	2.111	0.000	88	235151	25.0	26.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.111	0.000	63	223191	25.0	25.2	
23 Acetone	43	2.221	2.221	0.000	98	594473	125.0	140.1	
25 Iodomethane	142	2.264	2.251	0.013	98	414086	25.0	25.5	
26 Carbon disulfide	76	2.288	2.282	0.006	99	722954	25.0	24.6	
28 3-Chloro-1-propene	41	2.452	2.446	0.006	88	451068	25.0	22.8	
27 Methyl acetate	43	2.501	2.501	0.000	95	517140	50.0	48.4	
30 Methylene Chloride	84	2.586	2.586	0.000	94	282535	25.0	26.9	
31 2-Methyl-2-propanol	59	2.756	2.762	-0.006	92	366202	250.0	226.5	
32 Methyl tert-butyl ether	73	2.787	2.787	0.000	92	950859	25.0	24.3	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	83	280338	25.0	24.9	
33 Acrylonitrile	53	2.860	2.860	0.000	99	1328647	250.0	252.7	
35 Hexane	57	2.987	2.988	-0.001	90	331861	25.0	25.1	
39 1,1-Dichloroethane	63	3.200	3.200	0.000	85	488924	25.0	25.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	3.261	3.261	0.000	97	1191318	50.0	53.3	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	90	253230	25.0	19.8	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	65	298673	25.0	22.9	
43 2-Butanone (MEK)	43	3.778	3.778	0.000	98	766692	125.0	153.1	
48 Chlorobromomethane	128	3.961	3.961	0.000	94	150153	25.0	24.1	
49 Tetrahydrofuran	42	3.973	3.973	0.000	86	208475	50.0	54.1	
50 Chloroform	83	4.046	4.046	0.000	81	484516	25.0	23.7	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	86	421377	25.0	26.8	
52 Cyclohexane	56	4.143	4.137	0.006	91	459695	25.0	25.0	
55 Carbon tetrachloride	117	4.271	4.271	0.000	78	355568	25.0	25.3	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	344396	25.0	26.7	
57 Benzene	78	4.484	4.484	0.000	96	1009423	25.0	26.1	
53 Isobutyl alcohol	43	4.545	4.545	0.000	60	369506	625.0	672.0	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	373932	25.0	25.6	
59 n-Heptane	43	4.679	4.679	0.000	94	306367	25.0	25.6	
62 Trichloroethene	95	5.092	5.092	0.000	91	261628	25.0	25.7	
64 Methylcyclohexane	83	5.196	5.196	0.000	92	430362	25.0	24.3	
65 1,2-Dichloropropane	63	5.324	5.324	0.000	91	232604	25.0	27.0	
67 Dibromomethane	93	5.463	5.464	-0.001	90	166079	25.0	25.1	
66 1,4-Dioxane	88	5.482	5.476	0.006	51	25570	500.0	352.5	
68 Dichlorobromomethane	83	5.622	5.622	0.000	89	326775	25.0	26.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	93	131158	25.0	29.0	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	87	340081	25.0	26.0	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	98	1556737	125.0	126.0	
74 Toluene	92	6.309	6.309	0.000	89	586875	25.0	25.2	
77 trans-1,3-Dichloropropene	75	6.601	6.601	0.000	96	328228	25.0	28.2	
75 Ethyl methacrylate	69	6.662	6.662	0.000	72	305177	25.0	25.6	
79 1,1,2-Trichloroethane	83	6.784	6.784	0.000	87	162809	25.0	25.6	
81 Tetrachloroethene	166	6.826	6.826	0.000	83	249252	25.0	25.7	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	93	327441	25.0	26.3	
80 2-Hexanone	43	7.021	7.021	0.000	97	930120	125.0	141.0	
83 Chlorodibromomethane	129	7.167	7.173	-0.006	87	234995	25.0	26.3	
84 Ethylene Dibromide	107	7.258	7.258	0.000	97	208676	25.0	26.7	
87 Chlorobenzene	112	7.733	7.733	0.000	93	627077	25.0	25.7	
88 Ethylbenzene	91	7.836	7.830	0.006	98	1102245	25.0	26.5	
89 1,1,1,2-Tetrachloroethane	131	7.836	7.836	0.000	41	269320	25.0	27.0	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	430378	25.0	25.9	
91 o-Xylene	106	8.371	8.378	-0.007	98	451916	25.0	24.6	
92 Styrene	104	8.408	8.408	0.000	92	675086	25.0	26.1	
95 Bromoform	173	8.645	8.645	0.000	94	162310	25.0	26.4	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	1221406	25.0	27.4	
101 Bromobenzene	156	9.101	9.102	-0.001	93	276689	25.0	26.6	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	58	318069	25.0	26.0	
99 N-Propylbenzene	91	9.205	9.205	0.000	97	1391858	25.0	27.1	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	62	105975	25.0	24.2	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.241	0.000	92	94434	25.0	24.6	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	288518	25.0	27.1	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.000	93	1047925	25.0	27.0	
105 4-Chlorotoluene	126	9.424	9.424	0.000	98	276020	25.0	27.6	
106 tert-Butylbenzene	134	9.734	9.728	0.006	91	221645	25.0	27.7	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	65	1068185	25.0	26.2	
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1290284	25.0	27.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	551050	25.0	26.3	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	96	1145360	25.0	26.6	
113 1,4-Dichlorobenzene	146	10.172	10.172	0.000	92	555385	25.0	25.7	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	992463	25.0	26.3	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	96	588348	25.0	26.2	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.000	79	84562	25.0	26.6	
119 1,2,4-Trichlorobenzene	180	11.967	11.973	-0.006	93	469638	25.0	25.4	
120 Hexachlorobutadiene	225	12.088	12.089	-0.001	95	194337	25.0	27.5	
121 Naphthalene	128	12.180	12.180	0.000	97	1513872	25.0	26.1	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	464182	25.0	25.4	

QC Flag Legend

Processing Flags

Reagents:

SS 8260 CORP_00114	Amount Added: 12.50	Units: uL	
SS 7 COMP Gas_00001	Amount Added: 12.50	Units: uL	
S_8260_IS_00388	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00479	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 11:54:37 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8324.d

Injection Date: 07-May-2024 01:23:30 Instrument ID: HP5973S Operator ID: ZN

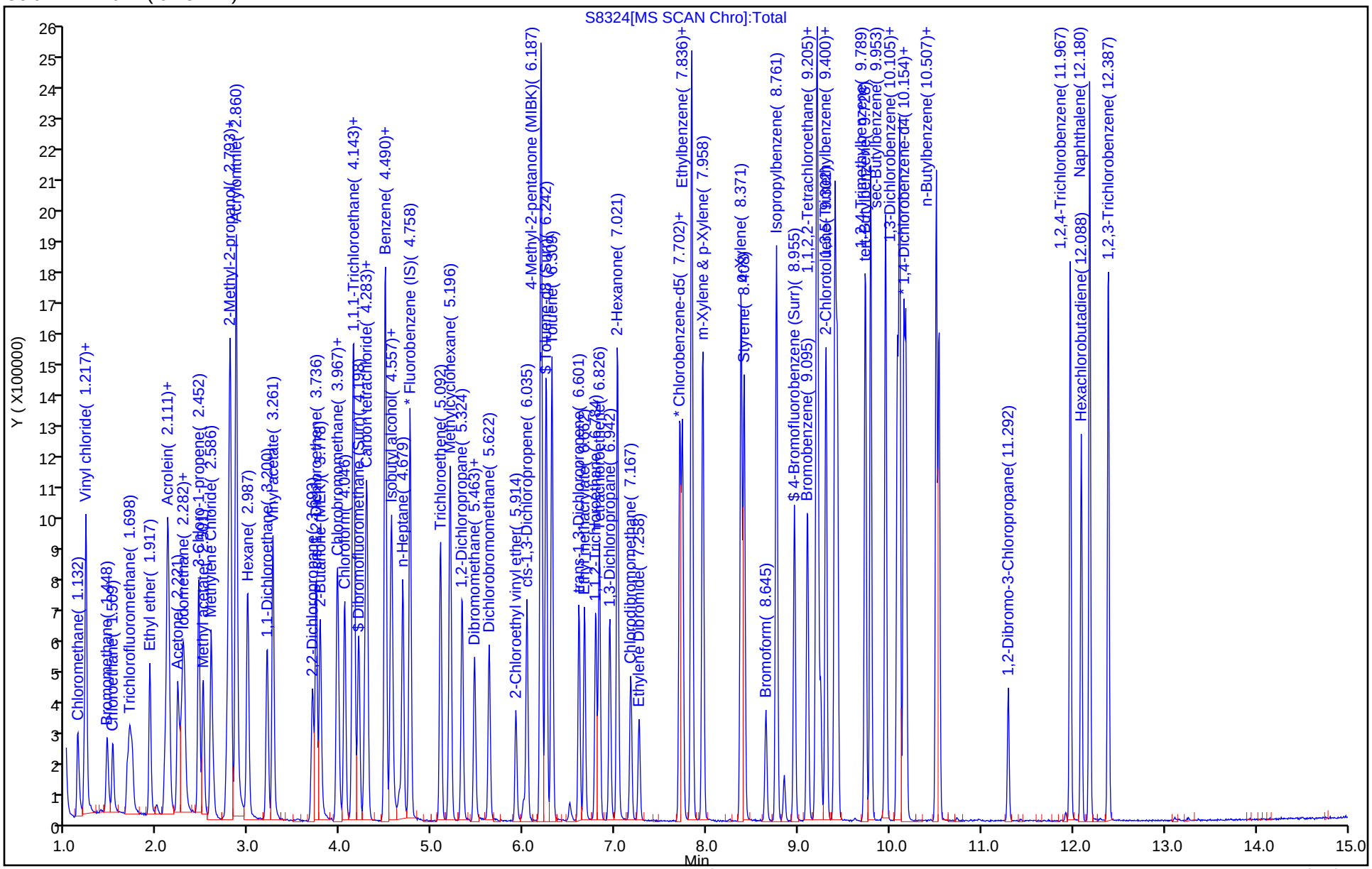
Lims ID: ICV Worklist Smp#: 34

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)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716043/4 Calibration Date: 06/19/2024 11:12

Instrument ID: HP5973S Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 05/06/2024 19:32

Lab File ID: S9873.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	1.762	1.246	0.1000	17.7	25.0	-29.3	50.0
Chloromethane	Ave	1.698	1.486	0.1000	21.9	25.0	-12.5	20.0
Vinyl chloride	Ave	1.388	1.214	0.1000	21.9	25.0	-12.5	20.0
Butadiene	Ave	1.567	1.260		20.1	25.0	-19.6	20.0
Bromomethane	Ave	0.9247	0.9154	0.1000	24.7	25.0	-1.0	50.0
Chloroethane	Ave	1.008	0.9133	0.1000	22.6	25.0	-9.4	50.0
Dichlorofluoromethane	Ave	2.513	2.265		22.5	25.0	-9.8	20.0
Trichlorofluoromethane	Ave	1.950	1.791	0.1000	23.0	25.0	-8.1	20.0
Ethyl ether	Ave	1.310	1.229		23.5	25.0	-6.1	20.0
Acrolein	Ave	0.1418	0.3007		265	125	112.0*	50.0
1,1-Dichloroethene	Ave	1.137	1.183	0.1000	26.0	25.0	4.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.133	1.104	0.1000	24.4	25.0	-2.6	20.0
Acetone	Ave	0.5423	0.5583	0.1000	129	125	3.0	50.0
Iodomethane	Ave	2.074	2.161		26.0	25.0	4.2	20.0
Carbon disulfide	Ave	3.754	3.767	0.1000	25.1	25.0	0.3	20.0
Allyl chloride	Ave	2.524	2.136		21.2	25.0	-15.4	20.0
Methyl acetate	Ave	1.365	1.349	0.1000	49.4	50.0	-1.2	50.0
Methylene Chloride	Lin1		1.399	0.1000	26.0	25.0	4.1	20.0
2-Methyl-2-propanol	Ave	0.2067	0.2041		247	250	-1.3	50.0
Methyl tert-butyl ether	Ave	4.997	4.453	0.1000	22.3	25.0	-10.9	20.0
trans-1,2-Dichloroethene	Ave	1.440	1.378	0.1000	23.9	25.0	-4.3	20.0
Acrylonitrile	Ave	0.6722	0.6759		251	250	0.6	20.0
Hexane	Ave	1.691	1.609		23.8	25.0	-4.8	20.0
1,1-Dichloroethane	Ave	2.467	2.345	0.2000	23.8	25.0	-5.0	20.0
Vinyl acetate	Ave	2.859	3.052		53.4	50.0	6.8	20.0
2,2-Dichloropropane	Ave	1.637	1.511		23.1	25.0	-7.7	20.0
cis-1,2-Dichloroethene	Ave	1.669	1.457	0.1000	21.8	25.0	-12.7	20.0
2-Butanone (MEK)	Ave	0.6401	0.7931	0.1000	155	125	23.9*	20.0
Chlorobromomethane	Ave	0.7978	0.7885		24.7	25.0	-1.2	20.0
Tetrahydrofuran	Ave	0.4928	0.5680		57.6	50.0	15.2	20.0
Chloroform	Ave	2.613	2.308	0.2000	22.1	25.0	-11.7	20.0
1,1,1-Trichloroethane	Ave	2.007	2.012	0.1000	25.1	25.0	0.2	20.0
Cyclohexane	Ave	2.352	2.017	0.1000	21.4	25.0	-14.2	20.0
Carbon tetrachloride	Ave	1.794	1.755	0.1000	24.5	25.0	-2.1	20.0
1,1-Dichloropropene	Ave	1.651	1.791		27.1	25.0	8.5	20.0
Benzene	Ave	4.946	5.131	0.5000	25.9	25.0	3.7	20.0
Isobutyl alcohol	Ave	0.0703	0.0798		709	625	13.5	50.0
1,2-Dichloroethane	Ave	1.868	1.951	0.1000	26.1	25.0	4.4	20.0
n-Heptane	Ave	1.529	1.628		26.6	25.0	6.5	20.0
Trichloroethene	Ave	1.301	1.352	0.2000	26.0	25.0	3.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716043/4 Calibration Date: 06/19/2024 11:12

Instrument ID: HP5973S Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 05/06/2024 19:32

Lab File ID: S9873.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	2.268	1.982	0.1000	21.8	25.0	-12.6	20.0
1,2-Dichloropropane	Ave	1.102	1.220	0.1000	27.7	25.0	10.7	20.0
Dibromomethane	Ave	0.8462	0.8557	0.1000	25.3	25.0	1.1	20.0
1,4-Dioxane	Ave	0.0050	0.0067		666	500	33.2	50.0
Bromodichloromethane	Ave	1.601	1.627	0.2000	25.4	25.0	1.6	20.0
2-Chloroethyl vinyl ether	Ave	0.5775	0.8302		35.9	25.0	43.8*	20.0
cis-1,3-Dichloropropene	Ave	1.672	2.023	0.2000	30.2	25.0	21.0*	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8524	0.8121	0.1000	119	125	-4.7	20.0
Toluene	Ave	1.604	1.677	0.4000	26.1	25.0	4.6	20.0
trans-1,3-Dichloropropene	Ave	0.8029	0.9085	0.1000	28.3	25.0	13.2	20.0
Ethyl methacrylate	Ave	0.8224	0.8249		25.1	25.0	0.3	20.0
1,1,2-Trichloroethane	Ave	0.4382	0.4805	0.1000	27.4	25.0	9.6	20.0
Tetrachloroethene	Ave	0.6700	0.7310	0.2000	27.3	25.0	9.1	20.0
1,3-Dichloropropane	Ave	0.8602	0.9752		28.3	25.0	13.4	20.0
2-Hexanone	Ave	0.4551	0.5399	0.1000	148	125	18.6	20.0
Dibromochloromethane	Ave	0.6156	0.6314	0.1000	25.6	25.0	2.6	20.0
1,2-Dibromoethane	Ave	0.5402	0.6312		29.2	25.0	16.8	20.0
Chlorobenzene	Ave	1.682	1.877	0.5000	27.9	25.0	11.6	20.0
Ethylbenzene	Ave	2.872	3.091	0.1000	26.9	25.0	7.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6891	0.6551		23.8	25.0	-4.9	20.0
m-Xylene & p-Xylene	Ave	1.146	1.225	0.1000	26.7	25.0	6.9	20.0
o-Xylene	Ave	1.267	1.242	0.3000	24.5	25.0	-2.0	20.0
Styrene	Ave	1.784	1.895	0.3000	26.5	25.0	6.2	20.0
Bromoform	Ave	0.4242	0.4264	0.1000	25.1	25.0	0.5	50.0
Isopropylbenzene	Ave	2.966	3.011	0.1000	25.4	25.0	1.5	20.0
Bromobenzene	Ave	0.6922	0.7615		27.5	25.0	10.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8145	0.8114	0.3000	24.9	25.0	-0.4	20.0
N-Propylbenzene	Ave	3.413	3.474		25.4	25.0	1.8	20.0
1,2,3-Trichloropropane	Ave	0.2917	0.2853		24.4	25.0	-2.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2554	0.2283		22.3	25.0	-10.6	50.0
2-Chlorotoluene	Ave	0.7091	0.7364		26.0	25.0	3.9	20.0
1,3,5-Trimethylbenzene	Ave	2.586	2.583		25.0	25.0	-0.1	20.0
4-Chlorotoluene	Ave	0.6664	0.7353		27.6	25.0	10.3	20.0
tert-Butylbenzene	Ave	0.5332	0.5652		26.5	25.0	6.0	20.0
1,2,4-Trimethylbenzene	Ave	2.710	2.687		24.8	25.0	-0.9	20.0
sec-Butylbenzene	Ave	3.074	3.130		25.5	25.0	1.8	20.0
1,3-Dichlorobenzene	Ave	1.395	1.470	0.6000	26.3	25.0	5.4	20.0
4-Isopropyltoluene	Ave	2.867	2.818		24.6	25.0	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.437	1.503	0.5000	26.1	25.0	4.6	20.0
n-Butylbenzene	Ave	2.510	2.343		23.3	25.0	-6.7	20.0
1,2-Dichlorobenzene	Ave	1.494	1.500	0.4000	25.1	25.0	0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716043/4 Calibration Date: 06/19/2024 11:12

Instrument ID: HP5973S Calib Start Date: 05/06/2024 16:50

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 05/06/2024 19:32

Lab File ID: S9873.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	0.2115	0.1858	0.0500	22.0	25.0	-12.1	50.0
1,2,4-Trichlorobenzene	Ave	1.229	1.011	0.2000	20.6	25.0	-17.7	20.0
Hexachlorobutadiene	Ave	0.4697	0.4122		21.9	25.0	-12.3	20.0
Naphthalene	Ave	3.861	3.279		21.2	25.0	-15.1	20.0
1,2,3-Trichlorobenzene	Ave	1.218	0.9931		20.4	25.0	-18.5	20.0
Dibromofluoromethane (Surr)	Ave	1.404	1.381		24.6	25.0	-1.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8247	0.8454		25.6	25.0	2.5	20.0
Toluene-d8 (Surr)	Ave	2.425	2.562		26.4	25.0	5.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7436	0.8064		27.1	25.0	8.4	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9873.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 19-Jun-2024 11:12:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0118654-004
Operator ID: ZN Instrument ID: HP5973S
Sublist: chrom-S-8260*sub26

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 11:37:45 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: QR3Z Date: 19-Jun-2024 11:37:45

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	194017	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	84	390750	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	66	412969	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	56	267868	25.0	24.6	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	53	164020	25.0	25.6	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	64	1001132	25.0	26.4	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.961	0.000	91	315086	25.0	27.1	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	88	241712	25.0	17.7	
12 Chloromethane	50	1.126	1.126	0.000	89	288326	25.0	21.9	
13 Vinyl chloride	62	1.199	1.199	0.000	82	235619	25.0	21.9	
151 Butadiene	54	1.217	1.217	0.000	91	244409	25.0	20.1	
14 Bromomethane	94	1.448	1.448	0.000	91	177596	25.0	24.7	
15 Chloroethane	64	1.509	1.509	0.000	95	177204	25.0	22.6	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	82	439472	25.0	22.5	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	60	347519	25.0	23.0	
18 Ethyl ether	59	1.911	1.911	0.000	90	238505	25.0	23.5	
20 Acrolein	56	2.075	2.075	0.000	94	291692	125.0	265.1	
22 1,1-Dichloroethene	96	2.105	2.105	0.000	89	229606	25.0	26.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.117	2.117	0.000	70	214201	25.0	24.4	
23 Acetone	43	2.215	2.215	0.000	98	541606	125.0	128.7	
25 Iodomethane	142	2.251	2.251	0.000	100	419330	25.0	26.0	
26 Carbon disulfide	76	2.282	2.282	0.000	99	730796	25.0	25.1	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	88	414385	25.0	21.2	
27 Methyl acetate	43	2.495	2.495	0.000	95	523424	50.0	49.4	
30 Methylene Chloride	84	2.586	2.586	0.000	88	271524	25.0	26.0	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	91	395911	250.0	246.8	
32 Methyl tert-butyl ether	73	2.781	2.781	0.000	91	863904	25.0	22.3	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	94	267379	25.0	23.9	
33 Acrylonitrile	53	2.854	2.854	0.000	98	1311383	250.0	251.4	
35 Hexane	57	2.987	2.987	0.000	90	312249	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
39 1,1-Dichloroethane	63	3.194	3.194	0.000	86	454946	25.0	23.8	
37 Vinyl acetate	43	3.261	3.261	0.000	97	1184186	50.0	53.4	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	90	293116	25.0	23.1	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	65	282629	25.0	21.8	
43 2-Butanone (MEK)	43	3.772	3.772	0.000	98	769341	125.0	154.9	
48 Chlorobromomethane	128	3.961	3.961	0.000	90	152987	25.0	24.7	
49 Tetrahydrofuran	42	3.973	3.973	0.000	87	220384	50.0	57.6	
50 Chloroform	83	4.046	4.046	0.000	81	447709	25.0	22.1	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	92	390305	25.0	25.1	
52 Cyclohexane	56	4.143	4.143	0.000	87	391427	25.0	21.4	
55 Carbon tetrachloride	117	4.271	4.271	0.000	80	340585	25.0	24.5	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	347475	25.0	27.1	
57 Benzene	78	4.484	4.484	0.000	97	995444	25.0	25.9	
53 Isobutyl alcohol	43	4.545	4.545	0.000	72	386988	625.0	709.5	
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	378455	25.0	26.1	
59 n-Heptane	43	4.679	4.679	0.000	89	315939	25.0	26.6	
62 Trichloroethene	95	5.092	5.092	0.000	92	262244	25.0	26.0	
64 Methylcyclohexane	83	5.196	5.196	0.000	90	384542	25.0	21.8	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	90	236773	25.0	27.7	
67 Dibromomethane	93	5.463	5.463	0.000	90	166022	25.0	25.3	
66 1,4-Dioxane	88	5.476	5.476	0.000	43	52093	500.0	666.0	
68 Dichlorobromomethane	83	5.622	5.622	0.000	93	315678	25.0	25.4	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	93	161075	25.0	35.9	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	87	392458	25.0	30.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.187	6.187	0.000	96	1586615	125.0	119.1	
74 Toluene	92	6.309	6.309	0.000	93	655309	25.0	26.1	
77 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	91	354984	25.0	28.3	
75 Ethyl methacrylate	69	6.662	6.662	0.000	71	322323	25.0	25.1	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	87	187749	25.0	27.4	
81 Tetrachloroethene	166	6.826	6.826	0.000	85	285620	25.0	27.3	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	92	381063	25.0	28.3	
80 2-Hexanone	43	7.027	7.027	0.000	95	1054917	125.0	148.3	
83 Chlorodibromomethane	129	7.173	7.173	0.000	87	246739	25.0	25.6	
84 Ethylene Dibromide	107	7.258	7.258	0.000	95	246623	25.0	29.2	
87 Chlorobenzene	112	7.733	7.733	0.000	94	733495	25.0	27.9	
88 Ethylbenzene	91	7.836	7.836	0.000	98	1207722	25.0	26.9	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.842	0.000	42	255991	25.0	23.8	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	478525	25.0	26.7	
91 o-Xylene	106	8.377	8.377	0.000	97	485151	25.0	24.5	
92 Styrene	104	8.408	8.408	0.000	92	740488	25.0	26.5	
95 Bromoform	173	8.645	8.645	0.000	94	166603	25.0	25.1	
94 Isopropylbenzene	105	8.761	8.761	0.000	95	1243425	25.0	25.4	
101 Bromobenzene	156	9.101	9.101	0.000	91	314476	25.0	27.5	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	64	335072	25.0	24.9	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1434846	25.0	25.4	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	59	117810	25.0	24.4	
98 trans-1,4-Dichloro-2-butene	53	9.247	9.247	0.000	43	94261	25.0	22.3	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	304118	25.0	26.0	
102 1,3,5-Trimethylbenzene	105	9.399	9.399	0.000	94	1066713	25.0	25.0	
105 4-Chlorotoluene	126	9.430	9.430	0.000	97	303655	25.0	27.6	
106 tert-Butylbenzene	134	9.734	9.734	0.000	89	233406	25.0	26.5	
107 1,2,4-Trimethylbenzene	105	9.789	9.789	0.000	61	1109504	25.0	24.8	

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	1292646	25.0	25.5	
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	607095	25.0	26.3	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	96	1163585	25.0	24.6	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	94	620852	25.0	26.1	
115 n-Butylbenzene	91	10.507	10.507	0.000	95	967383	25.0	23.3	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	98	619339	25.0	25.1	
117 1,2-Dibromo-3-Chloropropane	75	11.291	11.291	0.000	81	76734	25.0	22.0	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	417576	25.0	20.6	
120 Hexachlorobutadiene	225	12.095	12.095	0.000	92	170207	25.0	21.9	
121 Naphthalene	128	12.186	12.186	0.000	96	1354188	25.0	21.2	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	410100	25.0	20.4	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00256	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
S_8260_IS_00390	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00480	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 19-Jun-2024 11:37:46 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9873.d

Injection Date: 19-Jun-2024 11:12:30 Instrument ID: HP5973S Operator ID: ZN

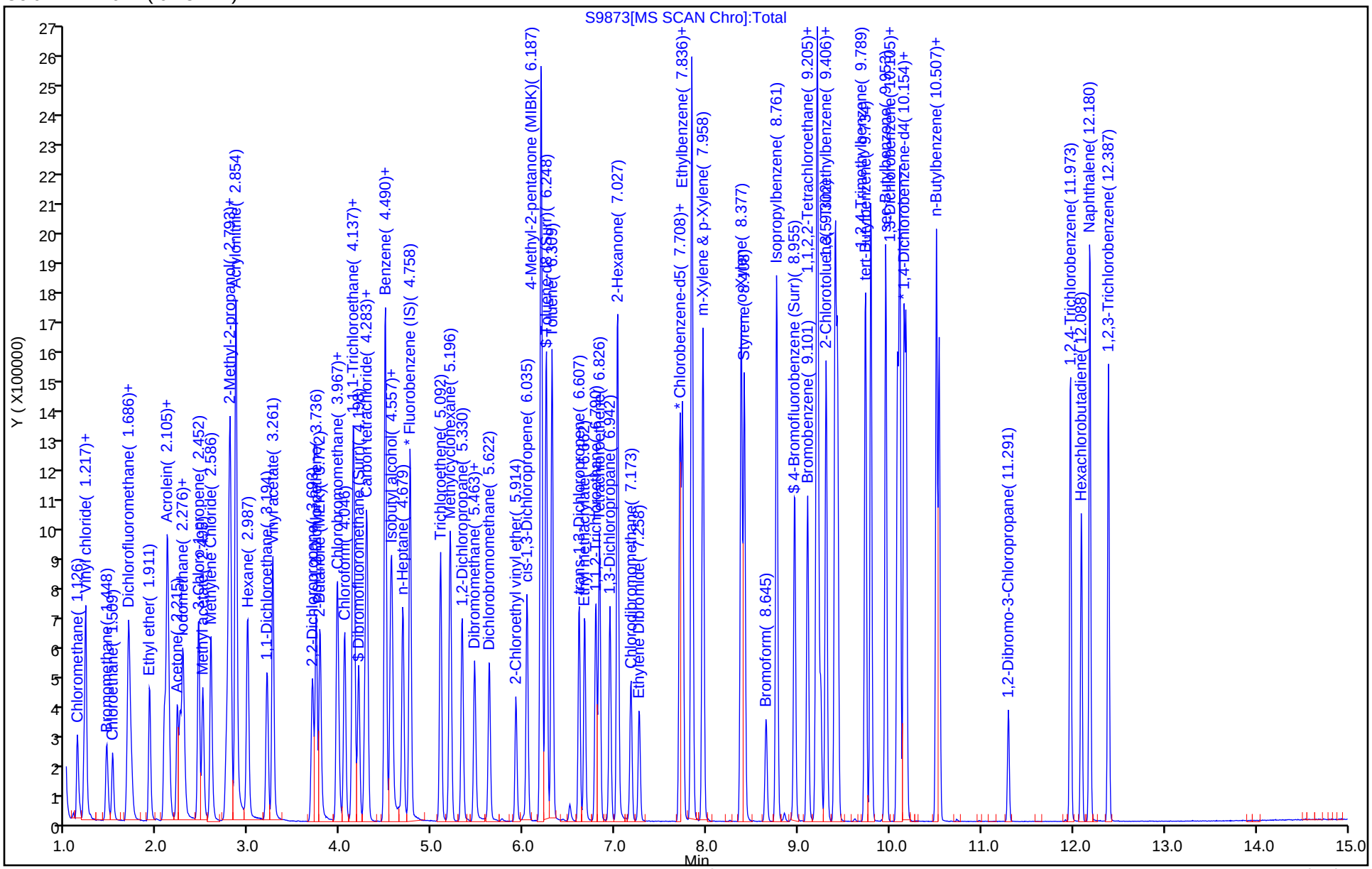
Lims ID: CCVIS Worklist Smp#: 4

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)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-713009/34 Calibration Date: 05/23/2024 01:05

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L5845.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	Lin1		0.8577	0.1000	17.6	25.0	-29.7	50.0
Chloromethane	Ave	1.368	1.187	0.1000	21.7	25.0	-13.3	30.0
Vinyl chloride	Lin1		1.128	0.1000	22.5	25.0	-10.1	30.0
Butadiene	Ave	1.200	1.304		27.2	25.0	8.6	30.0
Bromomethane	Ave	0.8894	0.7694	0.1000	21.6	25.0	-13.5	50.0
Chloroethane	Ave	0.7069	0.6912	0.1000	24.4	25.0	-2.2	50.0
Trichlorofluoromethane	Ave	1.589	1.513	0.1000	23.8	25.0	-4.8	30.0
Ethyl ether	Ave	1.318	1.249		23.7	25.0	-5.2	30.0
Acrolein	Ave	0.2036	0.2048		126	125	0.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.091	0.1000	22.7	25.0	-9.2	30.0
1,1-Dichloroethene	Ave	1.235	1.268	0.1000	25.7	25.0	2.7	30.0
Acetone	Ave	0.8437	0.8457	0.1000	125	125	0.2	50.0
Iodomethane	Ave	2.268	2.388		26.3	25.0	5.3	30.0
Carbon disulfide	Ave	3.854	3.957	0.1000	25.7	25.0	2.7	30.0
Allyl chloride	Ave	1.920	1.842		24.0	25.0	-4.1	30.0
Methyl acetate	Ave	1.837	1.812	0.1000	49.3	50.0	-1.4	50.0
Methylene Chloride	Lin1		1.601	0.1000	25.4	25.0	1.5	30.0
2-Methyl-2-propanol	Ave	0.3286	0.3657		278	250	11.3	50.0
Methyl tert-butyl ether	Ave	4.477	4.503	0.1000	25.1	25.0	0.6	30.0
trans-1,2-Dichloroethene	Ave	1.496	1.508	0.1000	25.2	25.0	0.8	30.0
Acrylonitrile	Ave	0.9740	0.9834		252	250	1.0	30.0
Hexane	Ave	1.814	1.604		22.1	25.0	-11.6	30.0
1,1-Dichloroethane	Ave	2.320	2.399	0.2000	25.9	25.0	3.4	30.0
Vinyl acetate	Ave	3.381	3.464		51.2	50.0	2.5	30.0
2,2-Dichloropropane	Ave	1.269	1.072		21.1	25.0	-15.5	30.0
cis-1,2-Dichloroethene	Ave	1.664	1.706	0.1000	25.6	25.0	2.6	30.0
2-Butanone (MEK)	Ave	1.409	1.365	0.1000	121	125	-3.1	30.0
Chlorobromomethane	Ave	0.8406	0.8555		25.4	25.0	1.8	30.0
Tetrahydrofuran	Ave	0.9267	0.8819		47.6	50.0	-4.8	30.0
Chloroform	Ave	2.555	2.417	0.2000	23.6	25.0	-5.4	30.0
1,1,1-Trichloroethane	Ave	1.820	1.856	0.1000	25.5	25.0	2.0	30.0
Cyclohexane	Ave	2.110	2.044	0.1000	24.2	25.0	-3.1	30.0
Carbon tetrachloride	Ave	1.543	1.509	0.1000	24.5	25.0	-2.2	30.0
1,1-Dichloropropene	Ave	1.833	1.791		24.4	25.0	-2.3	30.0
Isobutyl alcohol	Ave	0.1538	0.1697		690	625	10.3	50.0
Benzene	Ave	5.828	5.945	0.5000	25.5	25.0	2.0	30.0
1,2-Dichloroethane	Ave	1.846	1.830	0.1000	24.8	25.0	-0.9	30.0
n-Heptane	Ave	1.874	1.674		22.3	25.0	-10.7	30.0
Trichloroethene	Ave	1.441	1.504	0.2000	26.1	25.0	4.4	30.0
Methylcyclohexane	Ave	2.319	2.178	0.1000	23.5	25.0	-6.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-713009/34 Calibration Date: 05/23/2024 01:05

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L5845.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-Dichloropropane	Ave	1.411	1.452	0.1000	25.7	25.0	3.0	30.0
1,4-Dioxane	Ave	0.0072	0.0074		510	500	2.1	50.0
Dibromomethane	Ave	1.014	1.050	0.1000	25.9	25.0	3.6	30.0
Bromodichloromethane	Ave	1.724	1.807	0.2000	26.2	25.0	4.9	30.0
2-Chloroethyl vinyl ether	Ave	1.163	1.181		25.4	25.0	1.6	30.0
cis-1,3-Dichloropropene	Ave	2.205	2.197	0.2000	24.9	25.0	-0.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6101	0.5985	0.1000	123	125	-1.9	30.0
Toluene	Ave	0.9307	0.9333	0.4000	25.1	25.0	0.3	30.0
trans-1,3-Dichloropropene	Ave	0.4849	0.5297	0.1000	27.3	25.0	9.2	30.0
Ethyl methacrylate	Ave	0.5741	0.6129		26.7	25.0	6.7	30.0
1,1,2-Trichloroethane	Ave	0.3044	0.3126	0.1000	25.7	25.0	2.7	30.0
Tetrachloroethene	Ave	0.3565	0.3757	0.2000	26.4	25.0	5.4	30.0
1,3-Dichloropropane	Ave	0.6173	0.6223		25.2	25.0	0.8	30.0
2-Hexanone	Ave	0.4677	0.4701	0.1000	126	125	0.5	30.0
Dibromochloromethane	Ave	0.3386	0.3728	0.1000	27.5	25.0	10.1	30.0
1,2-Dibromoethane	Ave	0.3936	0.4051		25.7	25.0	2.9	30.0
Chlorobenzene	Ave	1.033	1.050	0.5000	25.4	25.0	1.6	30.0
Ethylbenzene	Ave	1.643	1.682	0.1000	25.6	25.0	2.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3264	0.3459		26.5	25.0	6.0	30.0
m-Xylene & p-Xylene	Ave	0.6623	0.6904	0.1000	26.1	25.0	4.2	30.0
o-Xylene	Ave	0.6740	0.6855	0.3000	25.4	25.0	1.7	30.0
Styrene	Ave	1.081	1.160	0.3000	26.8	25.0	7.3	30.0
Bromoform	Ave	0.2511	0.2668	0.1000	26.6	25.0	6.2	50.0
Isopropylbenzene	Ave	3.073	3.411	0.1000	27.7	25.0	11.0	30.0
Bromobenzene	Ave	0.8330	0.8865		26.6	25.0	6.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.139	1.219	0.3000	26.8	25.0	7.0	30.0
N-Propylbenzene	Ave	3.701	4.010		27.1	25.0	8.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2638	0.3012		28.6	25.0	14.2	50.0
1,2,3-Trichloropropane	Ave	0.3663	0.4012		27.4	25.0	9.5	30.0
2-Chlorotoluene	Ave	0.7749	0.8423		27.2	25.0	8.7	30.0
1,3,5-Trimethylbenzene	Ave	2.615	2.825		27.0	25.0	8.0	30.0
4-Chlorotoluene	Ave	2.306	2.434		26.4	25.0	5.6	30.0
tert-Butylbenzene	Ave	0.6209	0.6671		26.9	25.0	7.4	30.0
1,2,4-Trimethylbenzene	Ave	2.736	2.932		26.8	25.0	7.2	30.0
sec-Butylbenzene	Ave	3.388	3.698		27.3	25.0	9.2	30.0
4-Isopropyltoluene	Ave	2.858	3.122		27.3	25.0	9.2	30.0
1,3-Dichlorobenzene	Ave	1.586	1.683	0.6000	26.5	25.0	6.1	30.0
1,4-Dichlorobenzene	Ave	1.630	1.720	0.5000	26.4	25.0	5.6	30.0
n-Butylbenzene	Ave	2.648	2.867		27.1	25.0	8.3	30.0
1,2-Dichlorobenzene	Ave	1.589	1.679	0.4000	26.4	25.0	5.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2224	0.2496	0.0500	28.1	25.0	12.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 480-713009/34 Calibration Date: 05/23/2024 01:05

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L5845.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.184	1.232	0.2000	26.0	25.0	4.1	30.0
Hexachlorobutadiene	Ave	0.4635	0.4978		26.9	25.0	7.4	30.0
Naphthalene	Ave	4.116	4.303		26.1	25.0	4.5	30.0
1,2,3-Trichlorobenzene	Ave	1.169	1.188		25.4	25.0	1.6	30.0
Dibromofluoromethane (Surr)	Ave	1.305	1.329		25.5	25.0	1.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.390	1.396		25.1	25.0	0.4	30.0
Toluene-d8 (Surr)	Ave	1.284	1.302		25.4	25.0	1.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.3917	0.3965		25.3	25.0	1.2	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5845.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-May-2024 01:05:06 ALS Bottle#: 0 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0118173-034
Operator ID: ZN Instrument ID: HP5977L
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-May-2024 13:50:41 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: QR3Z Date: 23-May-2024 12:50:46

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	5.670	5.670	0.000	99	158801	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	83	648591	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	326549	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	93	211008	25.0	25.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.422	-0.003	96	221634	25.0	25.1	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	844561	25.0	25.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.786	9.785	0.001	99	257194	25.0	25.3	
10 Dichlorodifluoromethane	85	1.744	1.747	-0.003	99	136199	25.0	17.6	
13 Chloromethane	50	1.979	1.982	-0.003	99	188454	25.0	21.7	
14 Vinyl chloride	62	2.085	2.081	0.004	97	179198	25.0	22.5	
15 Butadiene	54	2.094	2.094	0.000	92	207088	25.0	27.2	
18 Bromomethane	94	2.445	2.438	0.007	91	122186	25.0	21.6	
19 Chloroethane	64	2.496	2.496	0.000	99	109768	25.0	24.4	
21 Trichlorofluoromethane	101	2.725	2.724	0.001	98	240237	25.0	23.8	
26 Ethyl ether	59	2.953	2.953	0.000	89	198370	25.0	23.7	
28 Acrolein	56	3.133	3.139	-0.006	99	162620	125.0	125.7	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.172	3.171	0.001	94	173197	25.0	22.7	
30 1,1-Dichloroethene	96	3.178	3.187	-0.009	95	201358	25.0	25.7	
31 Acetone	43	3.268	3.277	-0.009	99	671490	125.0	125.3	
33 Iodomethane	142	3.374	3.371	0.003	97	379204	25.0	26.3	
35 Carbon disulfide	76	3.410	3.409	0.001	99	628334	25.0	25.7	
37 3-Chloro-1-propene	41	3.503	3.506	-0.003	93	292451	25.0	24.0	
38 Methyl acetate	43	3.529	3.532	-0.003	97	575430	50.0	49.3	
39 Methylene Chloride	84	3.635	3.638	-0.003	88	254246	25.0	25.4	
40 2-Methyl-2-propanol	59	3.744	3.753	-0.009	100	580705	250.0	278.2	
41 Methyl tert-butyl ether	73	3.811	3.814	-0.003	93	715128	25.0	25.1	
42 trans-1,2-Dichloroethene	96	3.840	3.840	0.000	96	239446	25.0	25.2	
44 Acrylonitrile	53	3.879	3.885	-0.006	99	1561641	250.0	252.4	
47 Hexane	57	3.998	3.998	0.000	89	254660	25.0	22.1	
50 1,1-Dichloroethane	63	4.213	4.213	0.000	95	381009	25.0	25.9	

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	4.229	4.232	-0.003	97	1100137	50.0	51.2	
56 2,2-Dichloropropane	77	4.683	4.686	-0.003	85	170262	25.0	21.1	
58 cis-1,2-Dichloroethene	96	4.712	4.712	0.000	81	270977	25.0	25.6	
57 2-Butanone (MEK)	43	4.721	4.724	-0.003	99	1083590	125.0	121.1	
60 Chlorobromomethane	128	4.927	4.930	-0.003	88	135856	25.0	25.4	
61 Tetrahydrofuran	42	4.946	4.949	-0.003	87	280096	50.0	47.6	
62 Chloroform	83	4.979	4.978	0.001	92	383751	25.0	23.6	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	294735	25.0	25.5	
65 Cyclohexane	56	5.127	5.123	0.004	88	324650	25.0	24.2	
66 Carbon tetrachloride	117	5.236	5.239	-0.003	97	239656	25.0	24.5	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	98	284431	25.0	24.4	
69 Isobutyl alcohol	43	5.364	5.367	-0.003	96	673682	625.0	689.6	
70 Benzene	78	5.435	5.435	0.000	96	944077	25.0	25.5	
72 1,2-Dichloroethane	62	5.487	5.490	-0.003	97	290573	25.0	24.8	
73 n-Heptane	43	5.548	5.548	0.000	90	265796	25.0	22.3	
75 Trichloroethene	95	5.985	5.988	-0.003	97	238791	25.0	26.1	
76 Methylcyclohexane	83	6.107	6.110	-0.003	85	345883	25.0	23.5	
77 1,2-Dichloropropane	63	6.217	6.220	-0.003	97	230637	25.0	25.7	
81 1,4-Dioxane	88	6.336	6.335	0.001	89	95573	500.0	510.3	
82 Dibromomethane	93	6.352	6.355	-0.003	96	166816	25.0	25.9	
83 Dichlorobromomethane	83	6.477	6.477	0.000	99	287012	25.0	26.2	
84 2-Chloroethyl vinyl ether	63	6.709	6.708	0.000	92	187543	25.0	25.4	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	348907	25.0	24.9	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.985	-0.003	95	1940830	125.0	122.6	
88 Toluene	92	7.152	7.155	-0.003	99	605312	25.0	25.1	
91 trans-1,3-Dichloropropene	75	7.400	7.403	-0.003	96	343542	25.0	27.3	
90 Ethyl methacrylate	69	7.409	7.409	0.000	87	397511	25.0	26.7	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	90	202762	25.0	25.7	
94 Tetrachloroethene	166	7.676	7.676	0.000	99	243697	25.0	26.4	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	90	403607	25.0	25.2	
96 2-Hexanone	43	7.789	7.789	0.000	95	1524466	125.0	125.6	
98 Chlorodibromomethane	129	7.998	8.001	-0.003	92	241794	25.0	27.5	
101 Ethylene Dibromide	107	8.120	8.123	-0.003	99	262744	25.0	25.7	
103 Chlorobenzene	112	8.573	8.576	-0.003	97	680998	25.0	25.4	
104 Ethylbenzene	91	8.644	8.644	0.000	97	1090616	25.0	25.6	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.660	0.000	98	224334	25.0	26.5	
106 m-Xylene & p-Xylene	106	8.760	8.763	-0.003	97	447778	25.0	26.1	
107 o-Xylene	106	9.191	9.194	-0.003	96	444638	25.0	25.4	
109 Styrene	104	9.220	9.219	0.001	95	752111	25.0	26.8	
110 Bromoform	173	9.490	9.490	0.000	97	173040	25.0	26.6	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	1113757	25.0	27.7	
113 Bromobenzene	156	9.959	9.959	0.000	91	289480	25.0	26.6	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.975	-0.003	95	397998	25.0	26.8	
114 N-Propylbenzene	91	10.007	10.010	-0.003	99	1309366	25.0	27.1	
115 trans-1,4-Dichloro-2-butene	53	10.020	10.023	-0.003	73	98369	25.0	28.6	
116 1,2,3-Trichloropropane	110	10.024	10.027	-0.003	85	131018	25.0	27.4	
117 2-Chlorotoluene	126	10.139	10.139	0.000	98	275051	25.0	27.2	
118 1,3,5-Trimethylbenzene	105	10.188	10.187	0.001	94	922490	25.0	27.0	
119 4-Chlorotoluene	91	10.249	10.248	0.001	97	794833	25.0	26.4	
120 tert-Butylbenzene	134	10.519	10.518	0.001	91	217826	25.0	26.9	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	957420	25.0	26.8	
122 sec-Butylbenzene	105	10.731	10.731	0.000	93	1207471	25.0	27.3	

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	10.863	10.863	0.001	97	1019367	25.0	27.3	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	549642	25.0	26.5	
126 1,4-Dichlorobenzene	146	10.975	10.975	0.000	96	561744	25.0	26.4	
127 n-Butylbenzene	91	11.249	11.248	0.001	97	936313	25.0	27.1	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	548140	25.0	26.4	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	90	81502	25.0	28.1	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	94	402460	25.0	26.0	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	99	162568	25.0	26.9	
132 Naphthalene	128	12.869	12.869	0.000	96	1405080	25.0	26.1	
133 1,2,3-Trichlorobenzene	180	13.062	13.065	-0.003	95	387985	25.0	25.4	

QC Flag Legend

Processing Flags

Reagents:

SS 8260 CORP_00114	Amount Added: 12.50	Units: uL	
SS 7 COMP Gas_00001	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 23-May-2024 13:51:31 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5845.D

Injection Date: 23-May-2024 01:05:06 Instrument ID: HP5977L

Lims ID: ICV

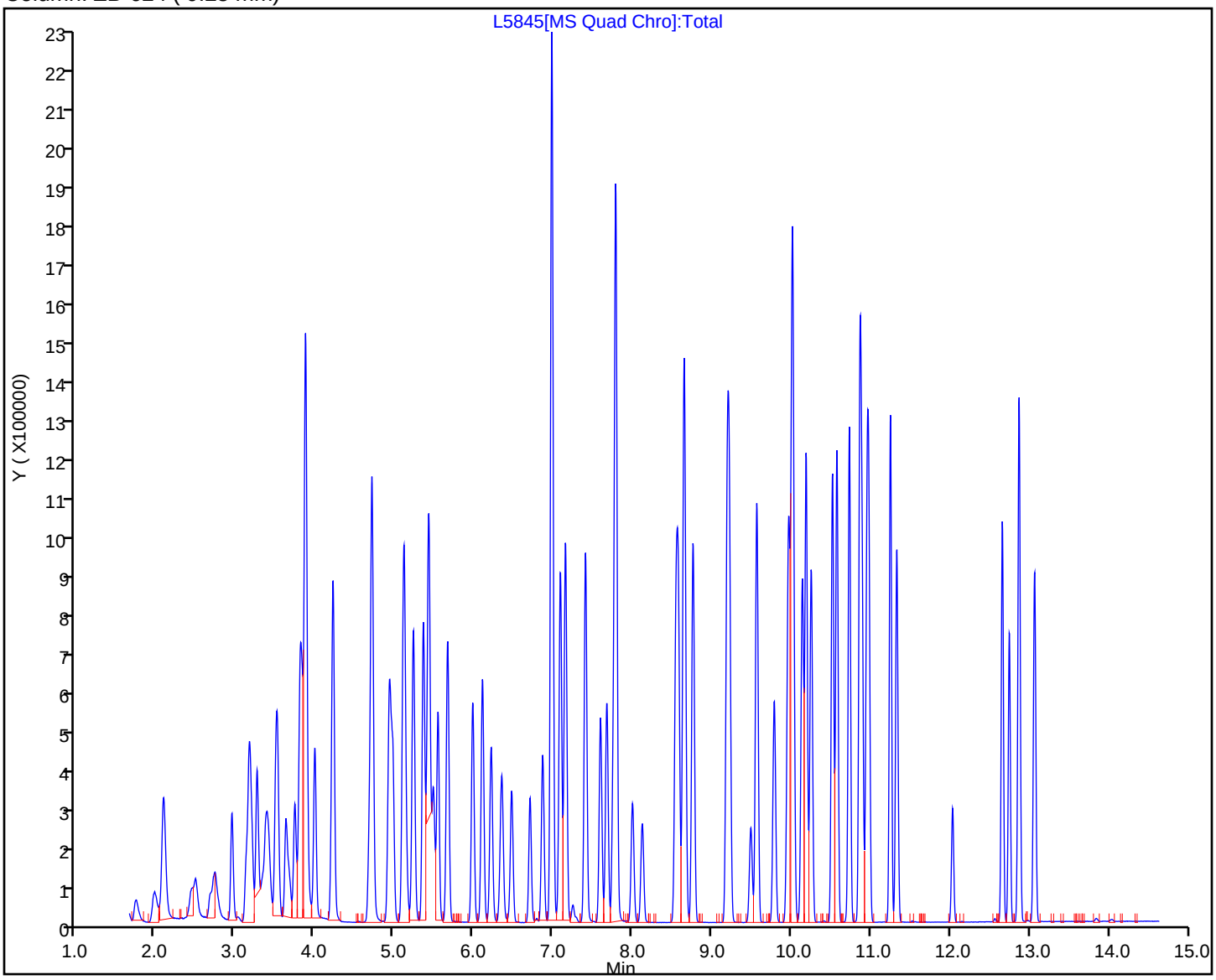
Client ID:

Operator ID: ZN ALS Bottle#: 0 Worklist Smp#: 34

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.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716047/4 Calibration Date: 06/19/2024 11:38

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6691.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	Lin1		1.302	0.1000	26.6	25.0	6.4	50.0
Chloromethane	Ave	1.368	1.580	0.1000	28.9	25.0	15.5	20.0
Vinyl chloride	Lin1		1.314	0.1000	26.1	25.0	4.5	20.0
Butadiene	Ave	1.200	1.360		28.3	25.0	13.3	20.0
Bromomethane	Ave	0.8894	0.9735	0.1000	27.4	25.0	9.5	50.0
Chloroethane	Ave	0.7069	0.8847	0.1000	31.3	25.0	25.2	50.0
Dichlorofluoromethane	Ave	2.113	2.356		27.9	25.0	11.5	20.0
Trichlorofluoromethane	Ave	1.589	1.860	0.1000	29.3	25.0	17.1	20.0
Ethyl ether	Ave	1.318	1.270		24.1	25.0	-3.7	20.0
Acrolein	Ave	0.2036	0.1202		73.8	125	-40.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.213	0.1000	25.2	25.0	0.9	20.0
1,1-Dichloroethene	Ave	1.235	1.276	0.1000	25.8	25.0	3.4	20.0
Acetone	Ave	0.8437	0.8178	0.1000	121	125	-3.1	50.0
Iodomethane	Ave	2.268	2.257		24.9	25.0	-0.5	20.0
Carbon disulfide	Ave	3.854	3.282	0.1000	21.3	25.0	-14.8	20.0
Allyl chloride	Ave	1.920	1.776		23.1	25.0	-7.5	20.0
Methyl acetate	Ave	1.837	1.766	0.1000	48.1	50.0	-3.9	50.0
Methylene Chloride	Lin1		1.602	0.1000	25.4	25.0	1.6	20.0
2-Methyl-2-propanol	Ave	0.3286	0.3223		245	250	-1.9	50.0
Methyl tert-butyl ether	Ave	4.477	4.280	0.1000	23.9	25.0	-4.4	20.0
trans-1,2-Dichloroethene	Ave	1.496	1.565	0.1000	26.2	25.0	4.6	20.0
Acrylonitrile	Ave	0.9740	0.9208		236	250	-5.5	20.0
Hexane	Ave	1.814	1.881		25.9	25.0	3.7	20.0
1,1-Dichloroethane	Ave	2.320	2.435	0.2000	26.2	25.0	5.0	20.0
Vinyl acetate	Ave	3.381	3.364		49.7	50.0	-0.5	20.0
2,2-Dichloropropane	Ave	1.269	1.215		23.9	25.0	-4.2	20.0
cis-1,2-Dichloroethene	Ave	1.664	1.699	0.1000	25.5	25.0	2.1	20.0
2-Butanone (MEK)	Ave	1.409	1.285	0.1000	114	125	-8.8	20.0
Chlorobromomethane	Ave	0.8406	0.8640		25.7	25.0	2.8	20.0
Tetrahydrofuran	Ave	0.9267	0.8429		45.5	50.0	-9.0	20.0
Chloroform	Ave	2.555	2.440	0.2000	23.9	25.0	-4.5	20.0
1,1,1-Trichloroethane	Ave	1.820	1.859	0.1000	25.5	25.0	2.2	20.0
Cyclohexane	Ave	2.110	2.134	0.1000	25.3	25.0	1.1	20.0
Carbon tetrachloride	Ave	1.543	1.472	0.1000	23.9	25.0	-4.6	20.0
1,1-Dichloropropene	Ave	1.833	1.938		26.4	25.0	5.7	20.0
Isobutyl alcohol	Ave	0.1538	0.1602		651	625	4.2	50.0
Benzene	Ave	5.828	6.068	0.5000	26.0	25.0	4.1	20.0
1,2-Dichloroethane	Ave	1.846	1.804	0.1000	24.4	25.0	-2.3	20.0
n-Heptane	Ave	1.874	1.706		22.8	25.0	-9.0	20.0
Trichloroethene	Ave	1.441	1.550	0.2000	26.9	25.0	7.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716047/4 Calibration Date: 06/19/2024 11:38

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6691.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	2.319	2.353	0.1000	25.4	25.0	1.5	20.0
1,2-Dichloropropane	Ave	1.411	1.433	0.1000	25.4	25.0	1.6	20.0
1,4-Dioxane	Ave	0.0072	0.0075		517	500	3.4	50.0
Dibromomethane	Ave	1.014	0.998	0.1000	24.6	25.0	-1.6	20.0
Bromodichloromethane	Ave	1.724	1.548	0.2000	22.5	25.0	-10.2	20.0
2-Chloroethyl vinyl ether	Ave	1.163	1.121		24.1	25.0	-3.6	20.0
cis-1,3-Dichloropropene	Ave	2.205	2.090	0.2000	23.7	25.0	-5.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6101	0.5125	0.1000	105	125	-16.0	20.0
Toluene	Ave	0.9307	0.8524	0.4000	22.9	25.0	-8.4	20.0
trans-1,3-Dichloropropene	Ave	0.4849	0.4086	0.1000	21.1	25.0	-15.7	20.0
Ethyl methacrylate	Ave	0.5741	0.4986		21.7	25.0	-13.2	20.0
1,1,2-Trichloroethane	Ave	0.3044	0.2698	0.1000	22.2	25.0	-11.4	20.0
Tetrachloroethene	Ave	0.3565	0.3522	0.2000	24.7	25.0	-1.2	20.0
1,3-Dichloropropane	Ave	0.6173	0.5527		22.4	25.0	-10.5	20.0
2-Hexanone	Ave	0.4677	0.3837	0.1000	103	125	-18.0	20.0
Dibromochloromethane	Ave	0.3386	0.2531	0.1000	18.7	25.0	-25.3*	20.0
1,2-Dibromoethane	Ave	0.3936	0.3483		22.1	25.0	-11.5	20.0
Chlorobenzene	Ave	1.033	0.9252	0.5000	22.4	25.0	-10.5	20.0
Ethylbenzene	Ave	1.643	1.516	0.1000	23.1	25.0	-7.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3264	0.2802		21.5	25.0	-14.2	20.0
m-Xylene & p-Xylene	Ave	0.6623	0.6127	0.1000	23.1	25.0	-7.5	20.0
o-Xylene	Ave	0.6740	0.6131	0.3000	22.7	25.0	-9.0	20.0
Styrene	Ave	1.081	0.9698	0.3000	22.4	25.0	-10.3	20.0
Bromoform	Ave	0.2511	0.1462	0.1000	14.6	25.0	-41.8	50.0
Isopropylbenzene	Ave	3.073	2.878	0.1000	23.4	25.0	-6.4	20.0
Bromobenzene	Ave	0.8330	0.7249		21.8	25.0	-13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.139	0.9678	0.3000	21.2	25.0	-15.0	20.0
N-Propylbenzene	Ave	3.701	3.412		23.0	25.0	-7.8	20.0
1,2,3-Trichloropropane	Ave	0.3663	0.3147		21.5	25.0	-14.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2638	0.1660		15.7	25.0	-37.1	50.0
2-Chlorotoluene	Ave	0.7749	0.6990		22.6	25.0	-9.8	20.0
1,3,5-Trimethylbenzene	Ave	2.615	2.403		23.0	25.0	-8.1	20.0
4-Chlorotoluene	Ave	2.306	2.010		21.8	25.0	-12.8	20.0
tert-Butylbenzene	Ave	0.6209	0.5667		22.8	25.0	-8.7	20.0
1,2,4-Trimethylbenzene	Ave	2.736	2.502		22.9	25.0	-8.5	20.0
sec-Butylbenzene	Ave	3.388	3.210		23.7	25.0	-5.2	20.0
4-Isopropyltoluene	Ave	2.858	2.694		23.6	25.0	-5.8	20.0
1,3-Dichlorobenzene	Ave	1.586	1.387	0.6000	21.9	25.0	-12.5	20.0
1,4-Dichlorobenzene	Ave	1.630	1.401	0.5000	21.5	25.0	-14.0	20.0
n-Butylbenzene	Ave	2.648	2.489		23.5	25.0	-6.0	20.0
1,2-Dichlorobenzene	Ave	1.589	1.360	0.4000	21.4	25.0	-14.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716047/4 Calibration Date: 06/19/2024 11:38

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6691.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	0.2224	0.1686	0.0500	18.9	25.0	-24.2	50.0
1,2,4-Trichlorobenzene	Ave	1.184	0.999	0.2000	21.1	25.0	-15.6	20.0
Hexachlorobutadiene	Ave	0.4635	0.3940		21.2	25.0	-15.0	20.0
Naphthalene	Ave	4.116	3.384		20.5	25.0	-17.8	20.0
1,2,3-Trichlorobenzene	Ave	1.169	0.9817		21.0	25.0	-16.0	20.0
Dibromofluoromethane (Surr)	Ave	1.305	1.325		25.4	25.0	1.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.390	1.410		25.4	25.0	1.5	20.0
Toluene-d8 (Surr)	Ave	1.284	1.229		23.9	25.0	-4.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3917	0.3683		23.5	25.0	-6.0	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6691.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 19-Jun-2024 11:38:55 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0118655-004
Operator ID: RS Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 12:55:39 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: MHM2 Date: 19-Jun-2024 12:55:39

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	5.667	5.667	0.000	99	132739	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	85	592145	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.949	0.000	94	314359	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.120	5.120	0.000	94	175866	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.419	0.000	96	187184	25.0	25.4	
$ 6 Toluene-d8 (Surr)	98	7.088	7.088	0.000	92	727703	25.0	23.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.782	9.782	0.000	99	218067	25.0	23.5	
10 Dichlorodifluoromethane	85	1.741	1.741	0.000	99	172862	25.0	26.6	
13 Chloromethane	50	1.975	1.975	0.000	100	209737	25.0	28.9	
14 Vinyl chloride	62	2.072	2.072	0.000	98	174378	25.0	26.1	
15 Butadiene	54	2.088	2.088	0.000	90	180518	25.0	28.3	
18 Bromomethane	94	2.435	2.435	0.000	92	129227	25.0	27.4	
19 Chloroethane	64	2.496	2.496	0.000	99	117437	25.0	31.3	
20 Dichlorofluoromethane	67	2.712	2.712	0.000	97	312725	25.0	27.9	
21 Trichlorofluoromethane	101	2.715	2.715	0.000	85	246866	25.0	29.3	
26 Ethyl ether	59	2.950	2.950	0.000	90	168522	25.0	24.1	
28 Acrolein	56	3.126	3.126	0.000	99	79806	125.0	73.8	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.175	3.175	0.000	93	161048	25.0	25.2	
30 1,1-Dichloroethene	96	3.191	3.191	0.000	97	169440	25.0	25.8	
31 Acetone	43	3.268	3.268	0.000	99	542745	125.0	121.2	
33 Iodomethane	142	3.368	3.368	0.000	97	299529	25.0	24.9	
35 Carbon disulfide	76	3.409	3.409	0.000	99	435714	25.0	21.3	
37 3-Chloro-1-propene	41	3.503	3.503	0.000	93	235752	25.0	23.1	
38 Methyl acetate	43	3.525	3.525	0.000	98	468905	50.0	48.1	
39 Methylene Chloride	84	3.631	3.631	0.000	88	212613	25.0	25.4	
40 2-Methyl-2-propanol	59	3.747	3.747	0.000	97	427816	250.0	245.2	
41 Methyl tert-butyl ether	73	3.808	3.808	0.000	93	568088	25.0	23.9	
42 trans-1,2-Dichloroethene	96	3.834	3.834	0.000	96	207711	25.0	26.2	
44 Acrylonitrile	53	3.879	3.879	0.000	99	1222319	250.0	236.4	
47 Hexane	57	3.995	3.995	0.000	89	249621	25.0	25.9	

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	4.210	4.210	0.000	96	323256	25.0	26.2	
49 Vinyl acetate	43	4.226	4.226	0.000	97	892953	50.0	49.7	
56 2,2-Dichloropropane	77	4.683	4.683	0.000	86	161298	25.0	23.9	
58 cis-1,2-Dichloroethene	96	4.708	4.708	0.000	80	225477	25.0	25.5	
57 2-Butanone (MEK)	43	4.718	4.718	0.000	100	853157	125.0	114.0	
60 Chlorobromomethane	128	4.927	4.927	0.000	88	114693	25.0	25.7	
61 Tetrahydrofuran	42	4.943	4.943	0.000	92	223780	50.0	45.5	
62 Chloroform	83	4.975	4.975	0.000	92	323818	25.0	23.9	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	246822	25.0	25.5	
65 Cyclohexane	56	5.120	5.120	0.000	90	283278	25.0	25.3	
66 Carbon tetrachloride	117	5.236	5.236	0.000	92	195379	25.0	23.9	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	97	257226	25.0	26.4	
69 Isobutyl alcohol	43	5.364	5.364	0.000	95	531751	625.0	651.2	
70 Benzene	78	5.432	5.432	0.000	96	805394	25.0	26.0	
72 1,2-Dichloroethane	62	5.483	5.483	0.000	97	239441	25.0	24.4	
73 n-Heptane	43	5.544	5.544	0.000	90	226463	25.0	22.8	
75 Trichloroethene	95	5.985	5.985	0.000	97	205765	25.0	26.9	
76 Methylcyclohexane	83	6.107	6.107	0.000	85	312287	25.0	25.4	
77 1,2-Dichloropropane	63	6.216	6.216	0.000	97	190176	25.0	25.4	
81 1,4-Dioxane	88	6.332	6.332	0.000	92	88364	500.0	516.8	
82 Dibromomethane	93	6.351	6.351	0.000	95	132424	25.0	24.6	
83 Dichlorobromomethane	83	6.474	6.474	0.000	99	205512	25.0	22.5	
84 2-Chloroethyl vinyl ether	63	6.705	6.705	0.000	91	148846	25.0	24.1	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	277417	25.0	23.7	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.982	0.000	95	1517466	125.0	105.0	
88 Toluene	92	7.152	7.152	0.000	99	504769	25.0	22.9	
91 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	241968	25.0	21.1	
90 Ethyl methacrylate	69	7.409	7.409	0.000	88	295246	25.0	21.7	
93 1,1,2-Trichloroethane	83	7.593	7.593	0.000	90	159756	25.0	22.2	
94 Tetrachloroethene	166	7.673	7.673	0.000	98	208566	25.0	24.7	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	94	327305	25.0	22.4	
96 2-Hexanone	43	7.789	7.789	0.000	95	1136120	125.0	102.5	
98 Chlorodibromomethane	129	7.998	7.998	0.000	96	149853	25.0	18.7	
101 Ethylene Dibromide	107	8.120	8.120	0.000	99	206227	25.0	22.1	
103 Chlorobenzene	112	8.573	8.573	0.000	97	547842	25.0	22.4	
104 Ethylbenzene	91	8.644	8.644	0.000	97	897949	25.0	23.1	
105 1,1,1,2-Tetrachloroethane	131	8.657	8.657	0.000	95	165899	25.0	21.5	
106 m-Xylene & p-Xylene	106	8.760	8.760	0.000	98	362778	25.0	23.1	
107 o-Xylene	106	9.191	9.191	0.000	96	363037	25.0	22.7	
109 Styrene	104	9.216	9.216	0.000	95	574242	25.0	22.4	
110 Bromoform	173	9.490	9.490	0.000	96	86595	25.0	14.6	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	904618	25.0	23.4	
113 Bromobenzene	156	9.956	9.956	0.000	90	227867	25.0	21.8	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.972	0.000	93	304223	25.0	21.2	
114 N-Propylbenzene	91	10.007	10.007	0.000	99	1072512	25.0	23.0	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	71	52169	25.0	15.7	
116 1,2,3-Trichloropropane	110	10.023	10.023	0.000	87	98914	25.0	21.5	
117 2-Chlorotoluene	126	10.136	10.136	0.000	98	219752	25.0	22.6	
118 1,3,5-Trimethylbenzene	105	10.184	10.184	0.000	94	755403	25.0	23.0	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	632006	25.0	21.8	
120 tert-Butylbenzene	134	10.515	10.515	0.000	91	178145	25.0	22.8	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	97	786634	25.0	22.9	

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	10.731	10.731	0.000	93	1009158	25.0	23.7	
123 4-Isopropyltoluene	119	10.863	10.863	0.000	98	846866	25.0	23.6	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	436038	25.0	21.9	
126 1,4-Dichlorobenzene	146	10.972	10.972	0.000	95	440513	25.0	21.5	
127 n-Butylbenzene	91	11.248	11.248	0.000	98	782434	25.0	23.5	
128 1,2-Dichlorobenzene	146	11.326	11.326	0.000	98	427593	25.0	21.4	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	89	52999	25.0	18.9	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	94	313985	25.0	21.1	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	123850	25.0	21.2	
132 Naphthalene	128	12.869	12.869	0.000	97	1063641	25.0	20.5	
133 1,2,3-Trichlorobenzene	180	13.062	13.062	0.000	96	308604	25.0	21.0	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 19-Jun-2024 12:55:40 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6691.D

Injection Date: 19-Jun-2024 11:38:55 Instrument ID: HP5977L

Lims ID: CCVIS

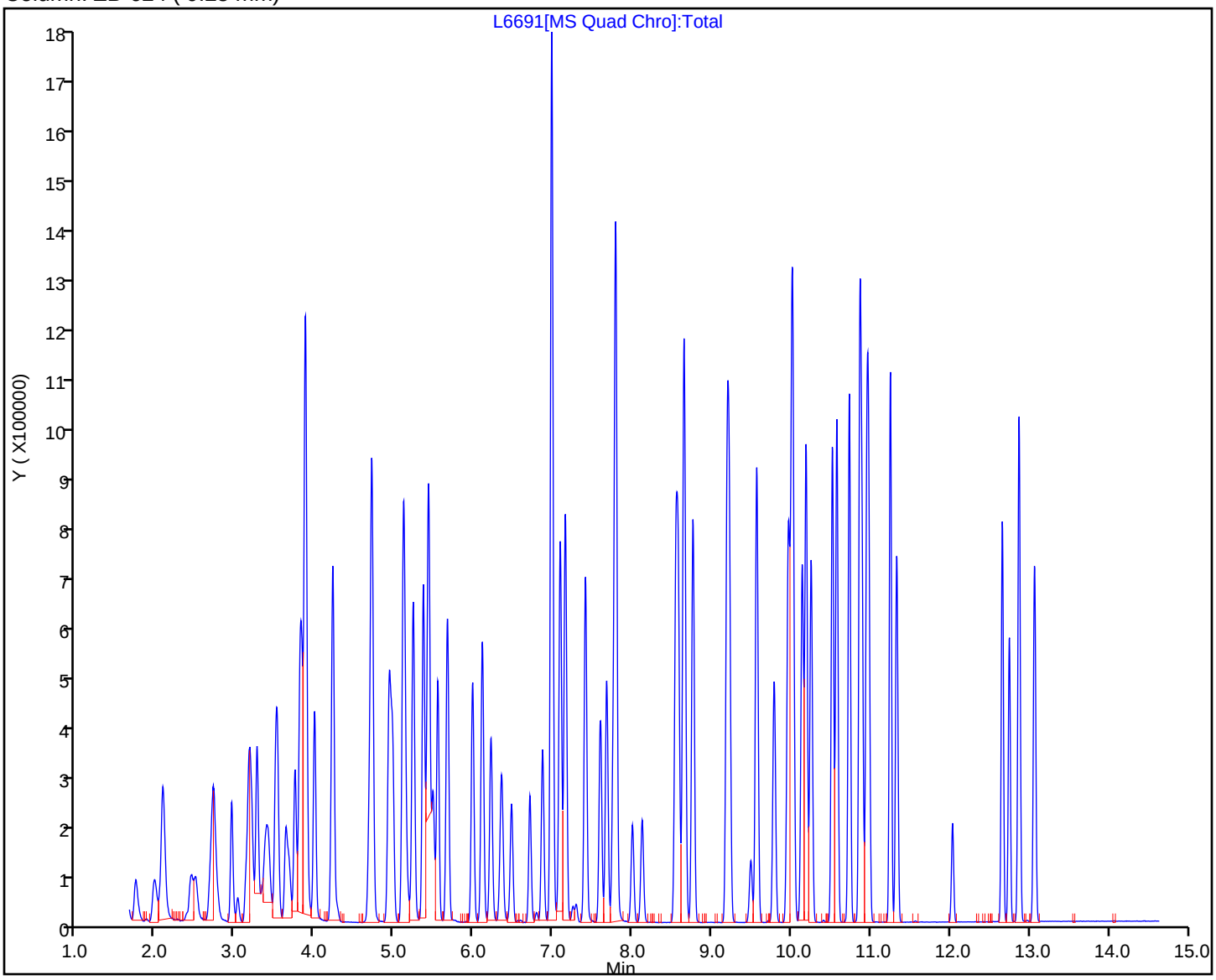
Client ID:

Operator ID: RS 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)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716220/4 Calibration Date: 06/20/2024 11:13

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6742.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	Lin1		1.752	0.1000	35.7	25.0	42.8	50.0
Chloromethane	Ave	1.368	1.841	0.1000	33.6	25.0	34.6*	20.0
Vinyl chloride	Lin1		1.469	0.1000	29.2	25.0	16.8	20.0
Butadiene	Ave	1.200	1.465		30.5	25.0	22.0*	20.0
Bromomethane	Ave	0.8894	1.094	0.1000	30.7	25.0	23.0	50.0
Chloroethane	Ave	0.7069	0.9613	0.1000	34.0	25.0	36.0	50.0
Dichlorofluoromethane	Ave	2.113	2.567		30.4	25.0	21.5*	20.0
Trichlorofluoromethane	Ave	1.589	1.998	0.1000	31.4	25.0	25.8*	20.0
Ethyl ether	Ave	1.318	1.244		23.6	25.0	-5.6	20.0
Acrolein	Ave	0.2036	0.1316		80.8	125	-35.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.162	0.1000	24.2	25.0	-3.3	20.0
1,1-Dichloroethene	Ave	1.235	1.264	0.1000	25.6	25.0	2.3	20.0
Acetone	Ave	0.8437	0.8094	0.1000	120	125	-4.1	50.0
Iodomethane	Ave	2.268	2.267		25.0	25.0	-0.0	20.0
Carbon disulfide	Ave	3.854	3.167	0.1000	20.5	25.0	-17.8	20.0
Allyl chloride	Ave	1.920	1.743		22.7	25.0	-9.2	20.0
Methyl acetate	Ave	1.837	1.675	0.1000	45.6	50.0	-8.8	50.0
Methylene Chloride	Lin1		1.647	0.1000	26.1	25.0	4.5	20.0
2-Methyl-2-propanol	Ave	0.3286	0.2800		213	250	-14.8	50.0
Methyl tert-butyl ether	Ave	4.477	4.211	0.1000	23.5	25.0	-6.0	20.0
trans-1,2-Dichloroethene	Ave	1.496	1.576	0.1000	26.3	25.0	5.4	20.0
Acrylonitrile	Ave	0.9740	0.8651		222	250	-11.2	20.0
Hexane	Ave	1.814	1.806		24.9	25.0	-0.4	20.0
1,1-Dichloroethane	Ave	2.320	2.411	0.2000	26.0	25.0	3.9	20.0
Vinyl acetate	Ave	3.381	3.227		47.7	50.0	-4.5	20.0
2,2-Dichloropropane	Ave	1.269	1.269		25.0	25.0	0.0	20.0
cis-1,2-Dichloroethene	Ave	1.664	1.703	0.1000	25.6	25.0	2.4	20.0
2-Butanone (MEK)	Ave	1.409	1.227	0.1000	109	125	-12.9	20.0
Chlorobromomethane	Ave	0.8406	0.8567		25.5	25.0	1.9	20.0
Tetrahydrofuran	Ave	0.9267	0.7759		41.9	50.0	-16.3	20.0
Chloroform	Ave	2.555	2.453	0.2000	24.0	25.0	-4.0	20.0
1,1,1-Trichloroethane	Ave	1.820	1.860	0.1000	25.6	25.0	2.2	20.0
Cyclohexane	Ave	2.110	2.123	0.1000	25.1	25.0	0.6	20.0
1,1-Dichloropropene	Ave	1.833	1.935		26.4	25.0	5.6	20.0
Carbon tetrachloride	Ave	1.543	1.493	0.1000	24.2	25.0	-3.2	20.0
Isobutyl alcohol	Ave	0.1538	0.1478		601	625	-3.9	50.0
Benzene	Ave	5.828	6.003	0.5000	25.8	25.0	3.0	20.0
1,2-Dichloroethane	Ave	1.846	1.764	0.1000	23.9	25.0	-4.4	20.0
n-Heptane	Ave	1.874	1.601		21.4	25.0	-14.6	20.0
Trichloroethene	Ave	1.441	1.511	0.2000	26.2	25.0	4.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716220/4 Calibration Date: 06/20/2024 11:13

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6742.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	2.319	2.294	0.1000	24.7	25.0	-1.1	20.0
1,2-Dichloropropane	Ave	1.411	1.406	0.1000	24.9	25.0	-0.3	20.0
1,4-Dioxane	Ave	0.0072	0.0065		454	500	-9.3	50.0
Dibromomethane	Ave	1.014	0.9618	0.1000	23.7	25.0	-5.1	20.0
Bromodichloromethane	Ave	1.724	1.516	0.2000	22.0	25.0	-12.0	20.0
2-Chloroethyl vinyl ether	Ave	1.163	1.079		23.2	25.0	-7.2	20.0
cis-1,3-Dichloropropene	Ave	2.205	2.036	0.2000	23.1	25.0	-7.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6101	0.4898	0.1000	100	125	-19.7	20.0
Toluene	Ave	0.9307	0.8462	0.4000	22.7	25.0	-9.1	20.0
trans-1,3-Dichloropropene	Ave	0.4849	0.3949	0.1000	20.4	25.0	-18.6	20.0
Ethyl methacrylate	Ave	0.5741	0.4889		21.3	25.0	-14.8	20.0
1,1,2-Trichloroethane	Ave	0.3044	0.2641	0.1000	21.7	25.0	-13.3	20.0
Tetrachloroethene	Ave	0.3565	0.3465	0.2000	24.3	25.0	-2.8	20.0
1,3-Dichloropropane	Ave	0.6173	0.5348		21.7	25.0	-13.4	20.0
2-Hexanone	Ave	0.4677	0.3747	0.1000	100	125	-19.9	20.0
Dibromochloromethane	Ave	0.3386	0.2566	0.1000	18.9	25.0	-24.2*	20.0
1,2-Dibromoethane	Ave	0.3936	0.3400		21.6	25.0	-13.6	20.0
Chlorobenzene	Ave	1.033	0.9287	0.5000	22.5	25.0	-10.1	20.0
Ethylbenzene	Ave	1.643	1.519	0.1000	23.1	25.0	-7.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3264	0.2785		21.3	25.0	-14.7	20.0
m-Xylene & p-Xylene	Ave	0.6623	0.6124	0.1000	23.1	25.0	-7.5	20.0
o-Xylene	Ave	0.6740	0.6162	0.3000	22.9	25.0	-8.6	20.0
Styrene	Ave	1.081	0.9681	0.3000	22.4	25.0	-10.4	20.0
Bromoform	Ave	0.2511	0.1587	0.1000	15.8	25.0	-36.8	50.0
Isopropylbenzene	Ave	3.073	2.899	0.1000	23.6	25.0	-5.7	20.0
Bromobenzene	Ave	0.8330	0.7285		21.9	25.0	-12.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.139	0.9399	0.3000	20.6	25.0	-17.5	20.0
N-Propylbenzene	Ave	3.701	3.456		23.3	25.0	-6.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2638	0.1867		17.7	25.0	-29.2	50.0
1,2,3-Trichloropropane	Ave	0.3663	0.3007		20.5	25.0	-17.9	20.0
2-Chlorotoluene	Ave	0.7749	0.7103		22.9	25.0	-8.3	20.0
1,3,5-Trimethylbenzene	Ave	2.615	2.448		23.4	25.0	-6.4	20.0
4-Chlorotoluene	Ave	2.306	2.033		22.0	25.0	-11.8	20.0
tert-Butylbenzene	Ave	0.6209	0.5669		22.8	25.0	-8.7	20.0
1,2,4-Trimethylbenzene	Ave	2.736	2.516		23.0	25.0	-8.0	20.0
sec-Butylbenzene	Ave	3.388	3.236		23.9	25.0	-4.5	20.0
4-Isopropyltoluene	Ave	2.858	2.737		23.9	25.0	-4.3	20.0
1,3-Dichlorobenzene	Ave	1.586	1.384	0.6000	21.8	25.0	-12.7	20.0
1,4-Dichlorobenzene	Ave	1.630	1.404	0.5000	21.5	25.0	-13.9	20.0
n-Butylbenzene	Ave	2.648	2.468		23.3	25.0	-6.8	20.0
1,2-Dichlorobenzene	Ave	1.589	1.373	0.4000	21.6	25.0	-13.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 480-716220/4 Calibration Date: 06/20/2024 11:13

Instrument ID: HP5977L Calib Start Date: 05/22/2024 16:17

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/22/2024 19:13

Lab File ID: L6742.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	0.2224	0.1553	0.0500	17.5	25.0	-30.2	50.0
1,2,4-Trichlorobenzene	Ave	1.184	1.006	0.2000	21.2	25.0	-15.1	20.0
Hexachlorobutadiene	Ave	0.4635	0.3891		21.0	25.0	-16.1	20.0
Naphthalene	Ave	4.116	3.268		19.8	25.0	-20.6*	20.0
1,2,3-Trichlorobenzene	Ave	1.169	0.9562		20.5	25.0	-18.2	20.0
Dibromofluoromethane (Surr)	Ave	1.305	1.355		26.0	25.0	3.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.390	1.437		25.9	25.0	3.4	20.0
Toluene-d8 (Surr)	Ave	1.284	1.248		24.3	25.0	-2.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3917	0.3938		25.1	25.0	0.5	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6742.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Jun-2024 11:13:59 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0118684-004
Operator ID: RS Instrument ID: HP5977L
Sublist: chrom-L-8260*sub1

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 11:38:30 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 11:38:30

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	5.667	5.667	0.000	100	126604	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	83	567470	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	93	297266	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.120	5.120	0.000	92	171508	25.0	26.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.419	0.000	96	181947	25.0	25.9	
$ 6 Toluene-d8 (Surr)	98	7.088	7.088	0.000	92	708204	25.0	24.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.782	9.782	0.000	99	223468	25.0	25.1	
10 Dichlorodifluoromethane	85	1.737	1.737	0.000	99	221749	25.0	35.7	
13 Chloromethane	50	1.972	1.972	0.000	99	233100	25.0	33.6	
14 Vinyl chloride	62	2.069	2.069	0.000	98	185960	25.0	29.2	
15 Butadiene	54	2.081	2.081	0.000	90	185434	25.0	30.5	
18 Bromomethane	94	2.435	2.435	0.000	90	138447	25.0	30.7	
19 Chloroethane	64	2.493	2.493	0.000	100	121707	25.0	34.0	
20 Dichlorofluoromethane	67	2.702	2.702	0.000	99	325053	25.0	30.4	
21 Trichlorofluoromethane	101	2.715	2.715	0.000	95	252983	25.0	31.4	
26 Ethyl ether	59	2.950	2.950	0.000	89	157552	25.0	23.6	
28 Acrolein	56	3.130	3.130	0.000	99	83310	125.0	80.8	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.162	3.162	0.000	89	147129	25.0	24.2	
30 1,1-Dichloroethene	96	3.171	3.171	0.000	97	159966	25.0	25.6	
31 Acetone	43	3.268	3.268	0.000	99	512369	125.0	119.9	
33 Iodomethane	142	3.361	3.361	0.000	97	286963	25.0	25.0	
35 Carbon disulfide	76	3.403	3.403	0.000	99	401006	25.0	20.5	
37 3-Chloro-1-propene	41	3.503	3.503	0.000	92	220727	25.0	22.7	
38 Methyl acetate	43	3.525	3.525	0.000	97	424129	50.0	45.6	
39 Methylene Chloride	84	3.631	3.631	0.000	89	208507	25.0	26.1	
40 2-Methyl-2-propanol	59	3.747	3.747	0.000	97	354542	250.0	213.0	
41 Methyl tert-butyl ether	73	3.808	3.808	0.000	93	533101	25.0	23.5	
42 trans-1,2-Dichloroethene	96	3.837	3.837	0.000	96	199562	25.0	26.3	
44 Acrylonitrile	53	3.879	3.879	0.000	99	1095234	250.0	222.0	
47 Hexane	57	3.995	3.995	0.000	90	228696	25.0	24.9	

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	4.210	4.210	0.000	96	305229	25.0	26.0	
49 Vinyl acetate	43	4.226	4.226	0.000	97	817124	50.0	47.7	
56 2,2-Dichloropropane	77	4.683	4.683	0.000	86	160720	25.0	25.0	
58 cis-1,2-Dichloroethene	96	4.705	4.705	0.000	80	215611	25.0	25.6	
57 2-Butanone (MEK)	43	4.718	4.718	0.000	100	777009	125.0	108.9	
60 Chlorobromomethane	128	4.924	4.924	0.000	88	108466	25.0	25.5	
61 Tetrahydrofuran	42	4.943	4.943	0.000	86	196458	50.0	41.9	
62 Chloroform	83	4.975	4.975	0.000	93	310588	25.0	24.0	
64 1,1,1-Trichloroethane	97	5.107	5.107	0.000	98	235451	25.0	25.6	
65 Cyclohexane	56	5.123	5.123	0.000	89	268759	25.0	25.1	
66 Carbon tetrachloride	117	5.236	5.236	0.000	97	189077	25.0	24.2	
67 1,1-Dichloropropene	75	5.236	5.236	0.000	97	245022	25.0	26.4	
69 Isobutyl alcohol	43	5.364	5.364	0.000	96	467728	625.0	600.5	
70 Benzene	78	5.432	5.432	0.000	95	760051	25.0	25.8	
72 1,2-Dichloroethane	62	5.483	5.483	0.000	97	223312	25.0	23.9	
73 n-Heptane	43	5.544	5.544	0.000	88	202671	25.0	21.4	
75 Trichloroethene	95	5.982	5.982	0.000	97	191302	25.0	26.2	
76 Methylcyclohexane	83	6.104	6.104	0.000	86	290427	25.0	24.7	
77 1,2-Dichloropropane	63	6.216	6.216	0.000	98	178026	25.0	24.9	
81 1,4-Dioxane	88	6.332	6.332	0.000	91	74312	500.0	453.5	
82 Dibromomethane	93	6.351	6.351	0.000	96	121768	25.0	23.7	
83 Dichlorobromomethane	83	6.474	6.474	0.000	99	191984	25.0	22.0	
84 2-Chloroethyl vinyl ether	63	6.705	6.705	0.000	91	136659	25.0	23.2	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	257805	25.0	23.1	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.982	0.000	95	1389805	125.0	100.4	M
88 Toluene	92	7.152	7.152	0.000	98	480175	25.0	22.7	
91 trans-1,3-Dichloropropene	75	7.403	7.403	0.000	94	224089	25.0	20.4	
90 Ethyl methacrylate	69	7.409	7.409	0.000	84	277428	25.0	21.3	
93 1,1,2-Trichloroethane	83	7.596	7.596	0.000	89	149848	25.0	21.7	
94 Tetrachloroethene	166	7.673	7.673	0.000	98	196613	25.0	24.3	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	96	303510	25.0	21.7	
96 2-Hexanone	43	7.785	7.785	0.000	95	1063046	125.0	100.1	M
98 Chlorodibromomethane	129	7.998	7.998	0.000	89	145594	25.0	18.9	
101 Ethylene Dibromide	107	8.120	8.120	0.000	98	192925	25.0	21.6	
103 Chlorobenzene	112	8.576	8.576	0.000	97	527011	25.0	22.5	
104 Ethylbenzene	91	8.644	8.644	0.000	98	862083	25.0	23.1	
105 1,1,1,2-Tetrachloroethane	131	8.657	8.657	0.000	96	158067	25.0	21.3	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.000	98	347502	25.0	23.1	
107 o-Xylene	106	9.191	9.191	0.000	95	349694	25.0	22.9	
109 Styrene	104	9.216	9.216	0.000	95	549380	25.0	22.4	
110 Bromoform	173	9.490	9.490	0.000	96	90039	25.0	15.8	
111 Isopropylbenzene	105	9.564	9.564	0.000	95	861678	25.0	23.6	
113 Bromobenzene	156	9.956	9.956	0.000	91	216563	25.0	21.9	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.972	0.000	95	279415	25.0	20.6	
114 N-Propylbenzene	91	10.007	10.007	0.000	99	1027318	25.0	23.3	
115 trans-1,4-Dichloro-2-butene	53	10.020	10.020	0.000	72	55486	25.0	17.7	
116 1,2,3-Trichloropropane	110	10.023	10.023	0.000	88	89389	25.0	20.5	
117 2-Chlorotoluene	126	10.139	10.139	0.000	98	211160	25.0	22.9	
118 1,3,5-Trimethylbenzene	105	10.184	10.184	0.000	94	727681	25.0	23.4	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	604331	25.0	22.0	
120 tert-Butylbenzene	134	10.519	10.519	0.000	91	168534	25.0	22.8	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	747797	25.0	23.0	

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	10.731	10.731	0.000	93	961891	25.0	23.9	
123 4-Isopropyltoluene	119	10.863	10.863	0.000	97	813493	25.0	23.9	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	411538	25.0	21.8	
126 1,4-Dichlorobenzene	146	10.972	10.972	0.000	95	417304	25.0	21.5	
127 n-Butylbenzene	91	11.248	11.248	0.000	97	733578	25.0	23.3	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	408090	25.0	21.6	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	88	46166	25.0	17.5	
130 1,2,4-Trichlorobenzene	180	12.657	12.657	0.000	93	298909	25.0	21.2	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	115654	25.0	21.0	
132 Naphthalene	128	12.869	12.869	0.000	97	971575	25.0	19.8	
133 1,2,3-Trichlorobenzene	180	13.065	13.065	0.000	95	284255	25.0	20.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00624	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 11:38:31 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6742.D

Injection Date: 20-Jun-2024 11:13:59 Instrument ID: HP5977L

Lims ID: CCVIS

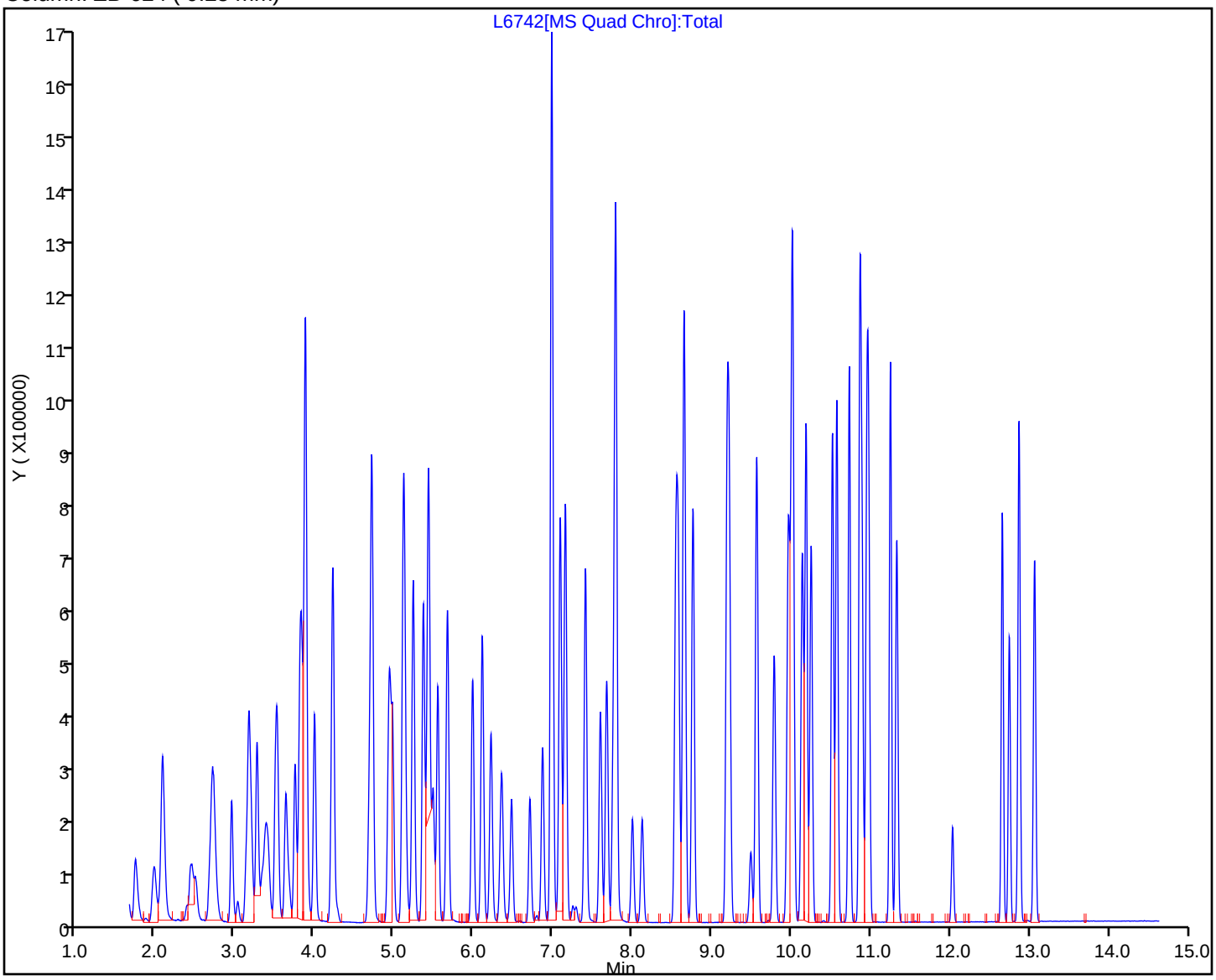
Client ID:

Operator ID: RS 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

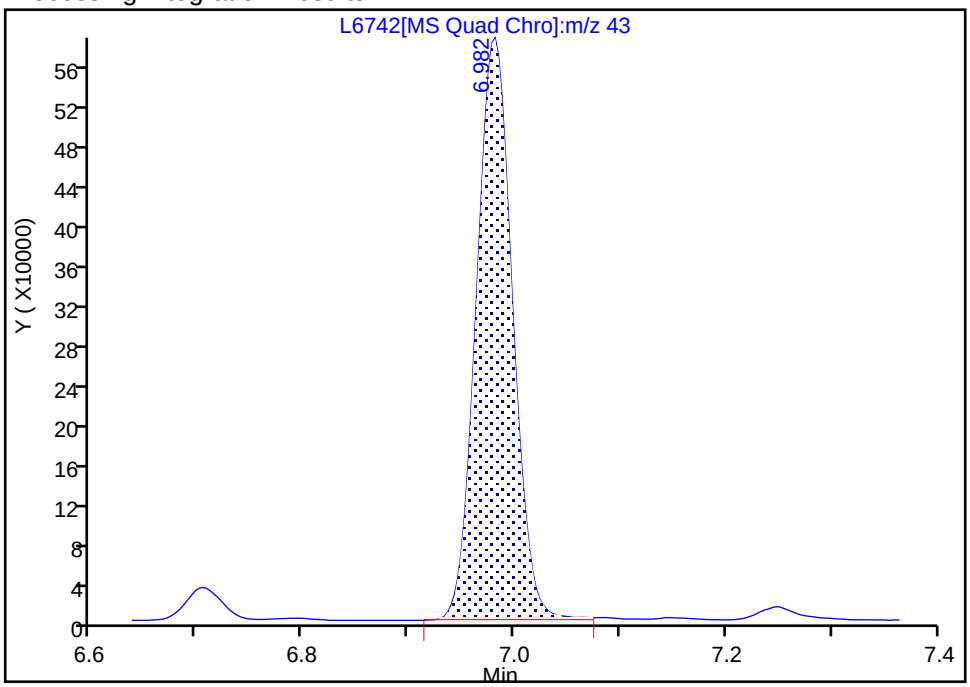
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6742.D				
Injection Date:	20-Jun-2024 11:13:59	Instrument ID:	HP5977L		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

87 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

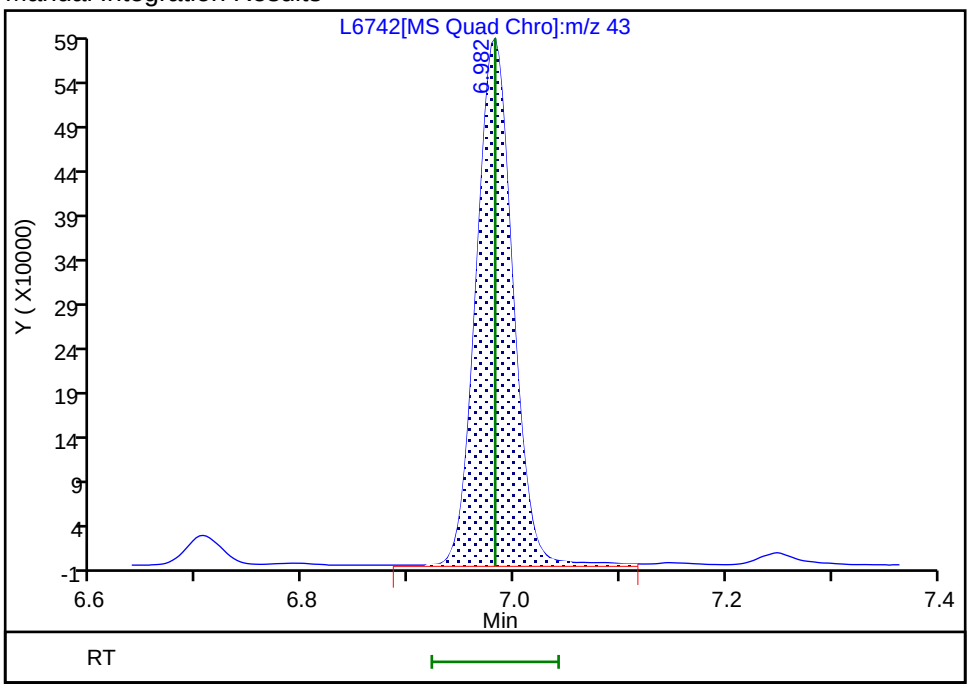
Processing Integration Results

RT: 6.98
Area: 1382931
Amount: 99.863517
Amount Units: ug/L



Manual Integration Results

RT: 6.98
Area: 1389805
Amount: 100.3599
Amount Units: ug/L



Reviewer: MHM2, 20-Jun-2024 11:35:53 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

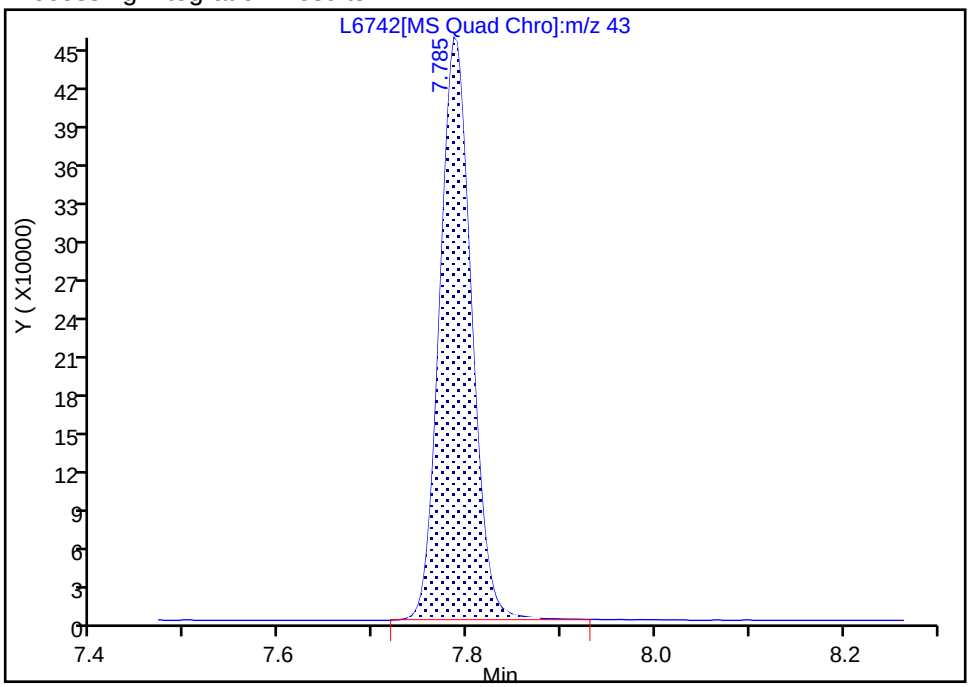
Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6742.D				
Injection Date:	20-Jun-2024 11:13:59	Instrument ID:	HP5977L		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	RS	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	L-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.25 mm)	Detector	MS Quad		

96 2-Hexanone, CAS: 591-78-6

Signal: 1

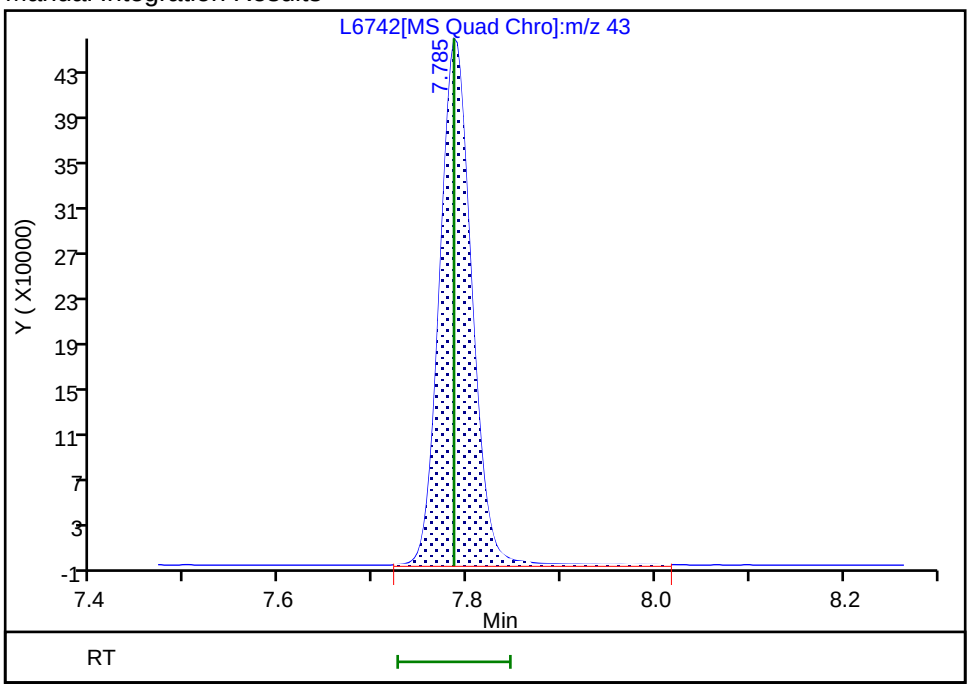
Processing Integration Results

RT: 7.79
Area: 1059981
Amount: 99.836104
Amount Units: ug/L



Manual Integration Results

RT: 7.79
Area: 1063046
Amount: 100.1248
Amount Units: ug/L



Reviewer: MHM2, 20-Jun-2024 11:36:49 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8301.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	06-May-2024 15:58:30	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0117811-011				
Operator ID:	ZN	Instrument ID:	HP5973S		
Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	07-May-2024 12:00:07	Calib Date:	07-May-2024 00:13:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d				
Column 1 :	ZB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1690				

First Level Reviewer: WLL8 Date: 07-May-2024 12:00:07

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	197396	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

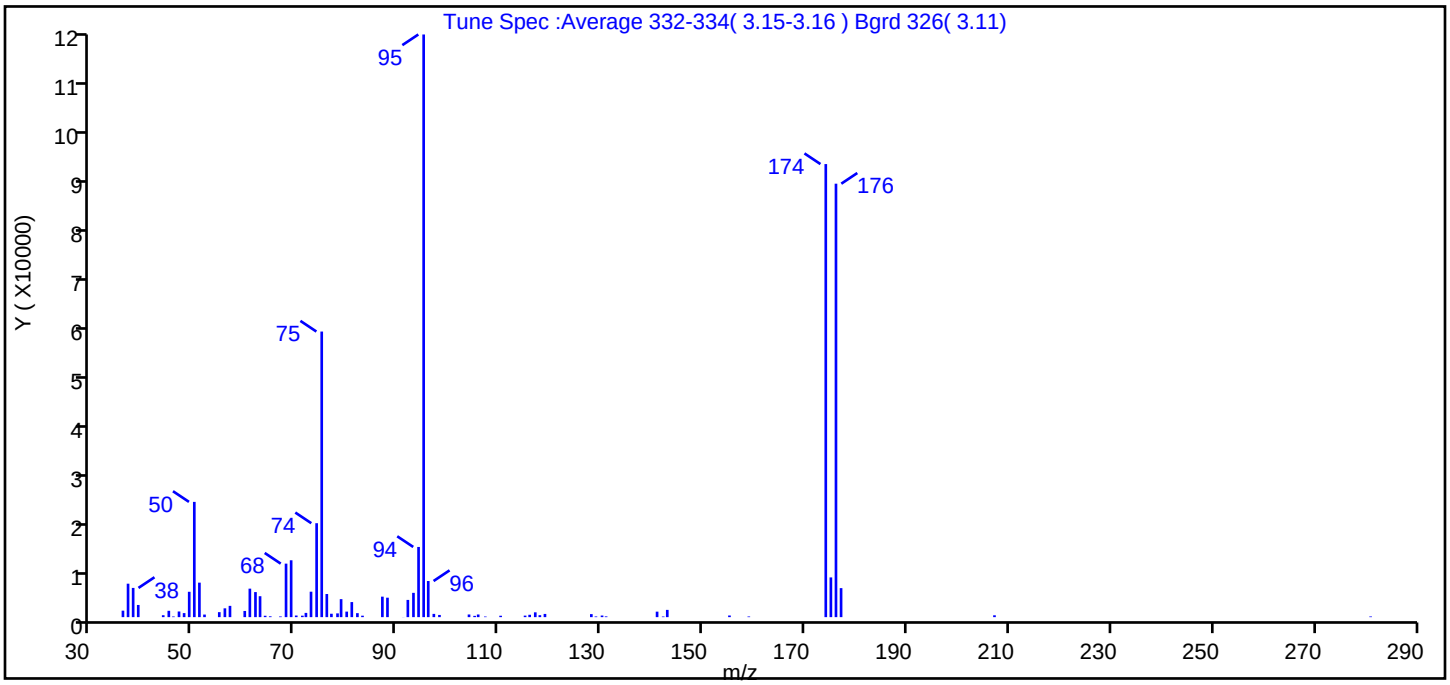
BFB_WRK_00161 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8301.d				
Injection Date:	06-May-2024 15:58:30	Instrument ID:	HP5973S		
Lims ID:	BFB				
Client ID:					
Operator ID:	ZN	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	19.8
75	30 to 60% of m/z 95	49.0
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.8
175	5 to 9% of m/z 174	6.8 (8.8)
176	Greater than 95% but less than 101% of m/z 174	74.4 (95.7)
177	5 to 9% of m/z 176	5.0 (6.7)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8301.d\S-8260.rslt\spectra.d
Injection Date: 06-May-2024 15:58:30
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: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1271	63.00	4099	83.00	284	118.00	384
37.00	6551	64.00	272	87.00	4013	119.00	630
38.00	5723	65.00	161	88.00	3808	128.00	592
39.00	2384	67.00	135	91.00	18	129.00	132
44.00	376	68.00	10478	92.00	3373	130.00	316
45.00	1242	69.00	11135	93.00	4759	131.00	146
46.00	127	70.00	318	94.00	13744	141.00	1076
47.00	1108	71.00	287	95.00	114088	142.00	122
48.00	794	72.00	832	96.00	7073	143.00	1421
49.00	4965	73.00	4983	97.00	638	155.00	322
50.00	22568	74.00	18392	98.00	431	159.00	129
51.00	6755	75.00	55920	104.00	520	174.00	88712
52.00	505	76.00	4528	105.00	250	175.00	7779
55.00	976	77.00	667	106.00	519	176.00	84872
56.00	1726	78.00	736	107.00	118	177.00	5682
57.00	2209	79.00	3524	110.00	276	207.00	363
60.00	1209	80.00	1084	115.00	299	281.00	132
61.00	5578	81.00	2951	116.00	463		
62.00	4907	82.00	781	117.00	943		

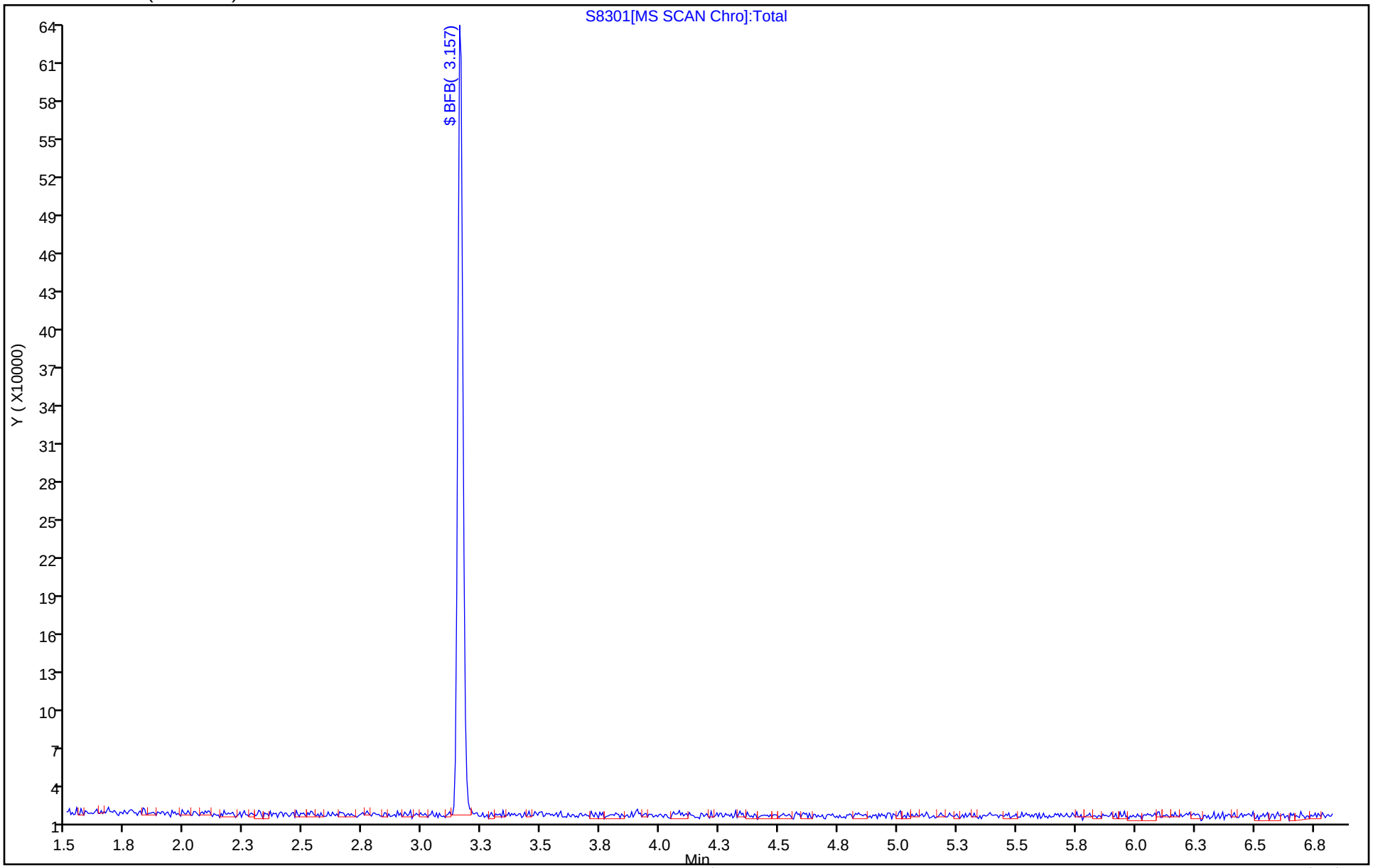
Report Date: 07-May-2024 12:00:07 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8301.d

Injection Date:	06-May-2024 15:58:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9872.d				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Jun-2024 10:06:30	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0118654-003				
Operator ID:	ZN	Instrument ID:	HP5973S		
Method:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	19-Jun-2024 10:17:39	Calib Date:	07-May-2024 00:13:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d				
Column 1 :	ZB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1638				
First Level Reviewer: QR3Z		Date:	19-Jun-2024 10:17:39		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 61 BFB	95	3.163	3.163	0.000	0	185324	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

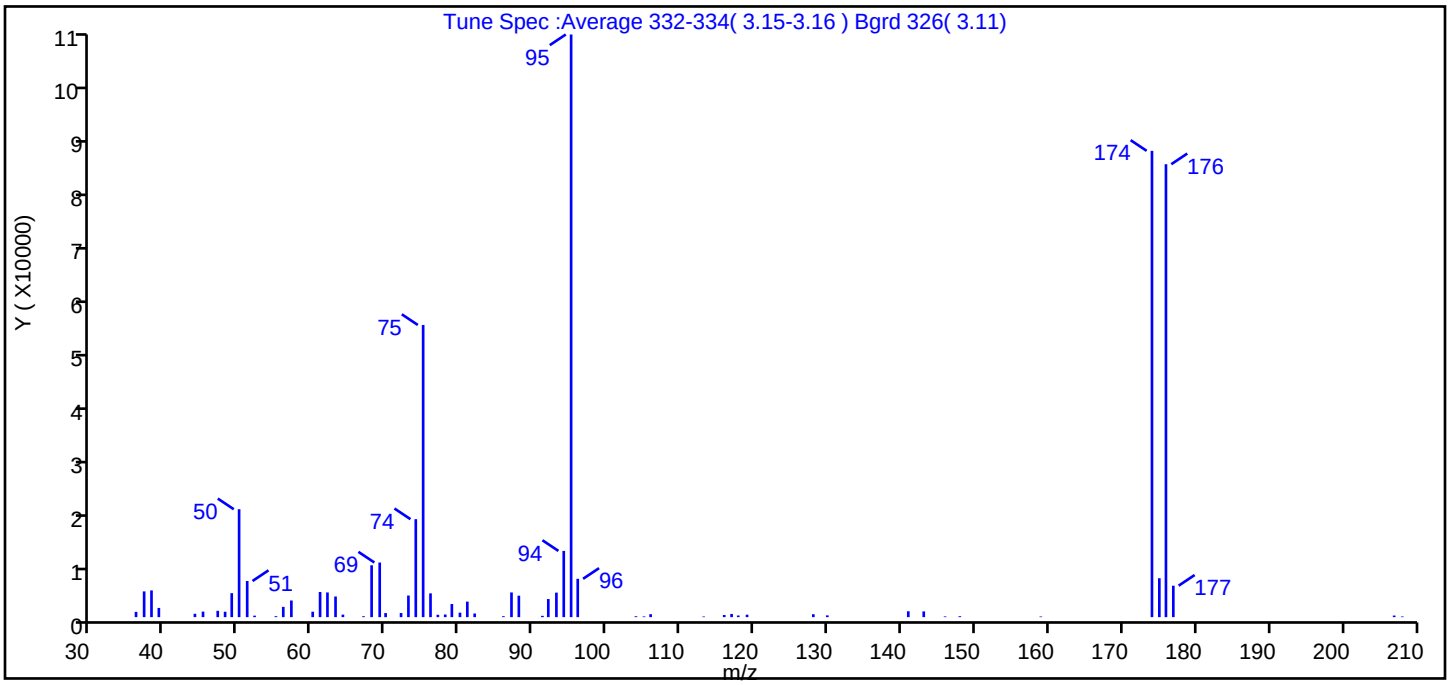
BFB_WRK_00162 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9872.d				
Injection Date:	19-Jun-2024 10:06:30	Instrument ID:	HP5973S		
Lims ID:	BFB				
Client ID:					
Operator ID:	ZN	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	18.5
75	30 to 60% of m/z 95	50.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.0
175	5 to 9% of m/z 174	6.7 (8.3)
176	Greater than 95% but less than 101% of m/z 174	77.7 (97.1)
177	5 to 9% of m/z 176	5.4 (6.9)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9872.d\S-8260.rslt\spectra.d
Injection Date: 19-Jun-2024 10:06:30
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: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	970	62.00	4534	82.00	665	119.00	449
37.00	4728	63.00	3790	86.00	170	128.00	538
38.00	4906	64.00	465	87.00	4537	130.00	322
39.00	1692	67.00	168	88.00	3942	141.00	1079
44.00	619	68.00	9523	91.00	242	143.00	1056
45.00	1017	69.00	10032	92.00	3324	146.00	130
47.00	1156	70.00	746	93.00	4504	148.00	168
48.00	992	72.00	757	94.00	12161	159.00	117
49.00	4408	73.00	3972	95.00	107000	174.00	85632
50.00	19816	74.00	17992	96.00	7040	175.00	7141
51.00	6638	75.00	53656	104.00	162	176.00	83176
52.00	274	76.00	4372	105.00	128	177.00	5777
55.00	176	77.00	433	106.00	545	207.00	293
56.00	1886	78.00	484	113.00	118	208.00	121
57.00	3059	79.00	2413	116.00	392		
60.00	998	80.00	824	117.00	587		
61.00	4613	81.00	2849	118.00	303		

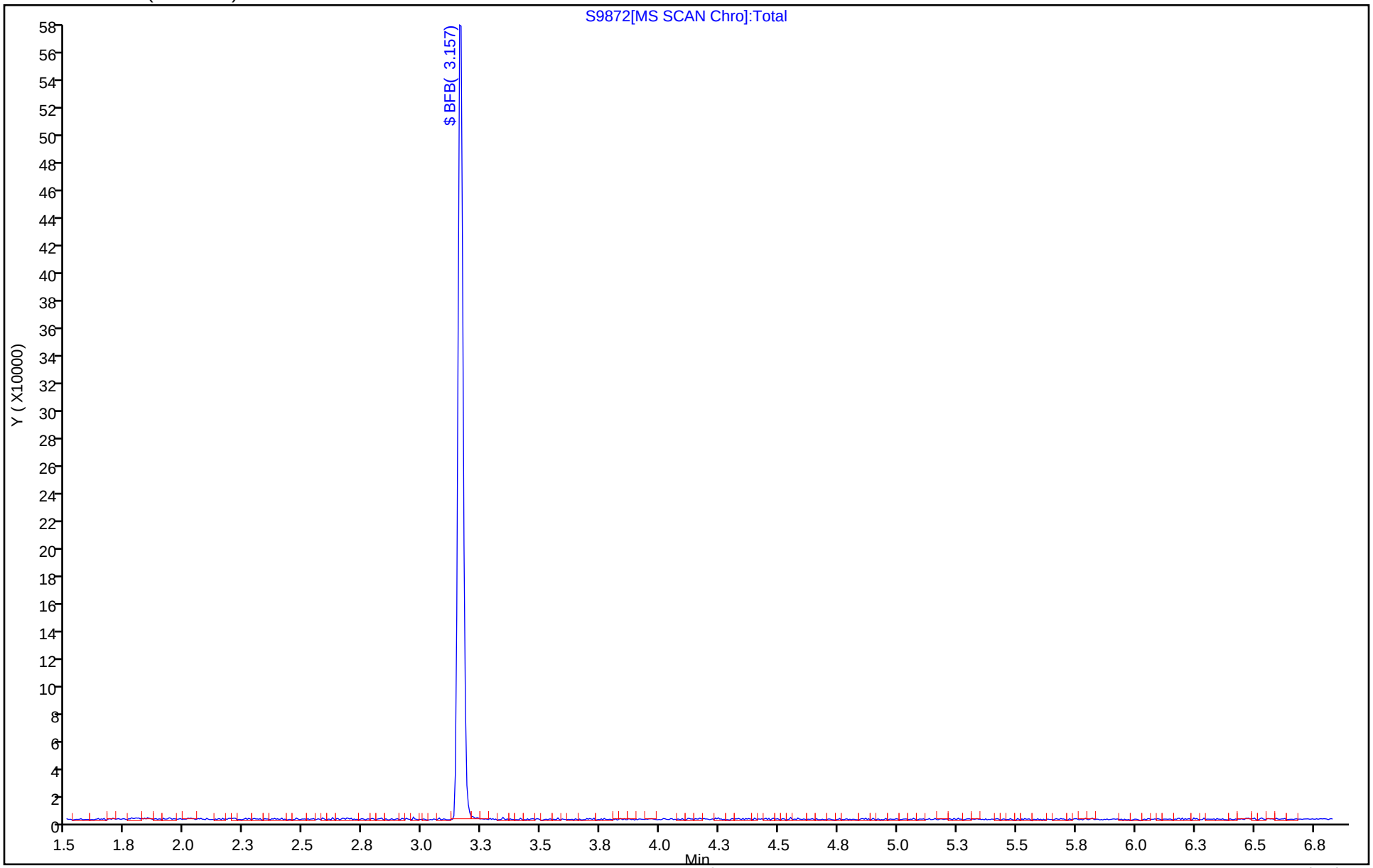
Report Date: 19-Jun-2024 10:17:39 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9872.d

Injection Date:	19-Jun-2024 10:06:30	Instrument ID:	HP5973S	Operator ID:	ZN
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)



Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5822.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-May-2024 15:22:28	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0118173-011				
Operator ID:	ZN	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	23-May-2024 13:50:41	Calib Date:	22-May-2024 23:48:41		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: QR3Z		Date:	22-May-2024 15:31:56		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.312	5.312	0.000	0	48675	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

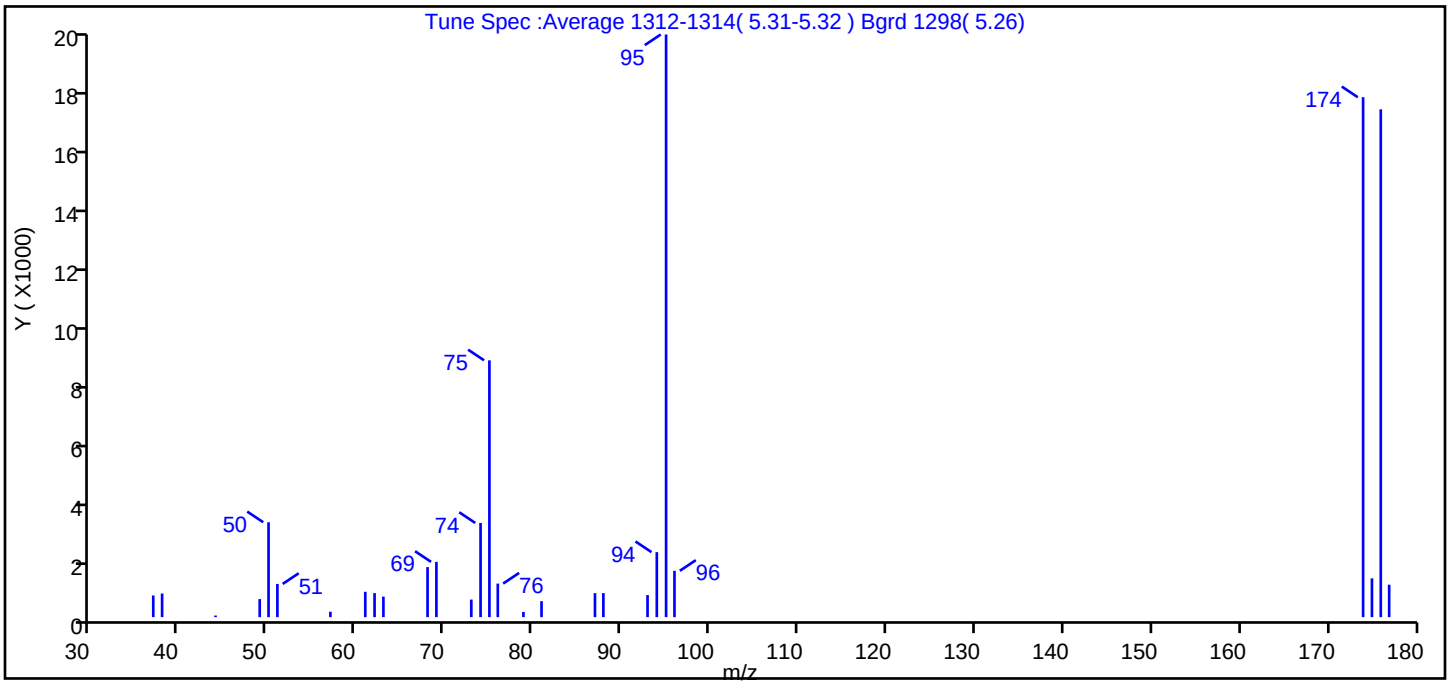
BFB_WRK_00162 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5822.D				
Injection Date:	22-May-2024 15:22:28	Instrument ID:	HP5977L		
Lims ID:	BFB				
Client ID:					
Operator ID:	ZN	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	16.3
75	30 to 60% of m/z 95	44.1
96	5 to 9% of m/z 95	8.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	89.2
175	5 to 9% of m/z 174	6.7 (7.5)
176	Greater than 95% but less than 101% of m/z 174	87.1 (97.7)
177	5 to 9% of m/z 176	5.6 (6.4)

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5822.D\L-8260.rslt\spectra.d
Injection Date: 22-May-2024 15:22:28
Spectrum: Tune Spec :Average 1312-1314(5.31-5.32) Bgrd 1298(5.26)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 28

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	712	61.00	834	75.00	8449	94.00	2139
38.00	777	62.00	790	76.00	1104	95.00	19168
44.00	53	63.00	675	79.00	172	96.00	1524
49.00	594	68.00	1646	81.00	526	174.00	17104
50.00	3122	69.00	1818	87.00	790	175.00	1276
51.00	1093	73.00	578	88.00	791	176.00	16704
57.00	178	74.00	3099	93.00	726	177.00	1067

Report Date: 23-May-2024 13:50:41 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5822.D

Injection Date: 22-May-2024 15:22:28 Instrument ID: HP5977L

Lims ID: BFB

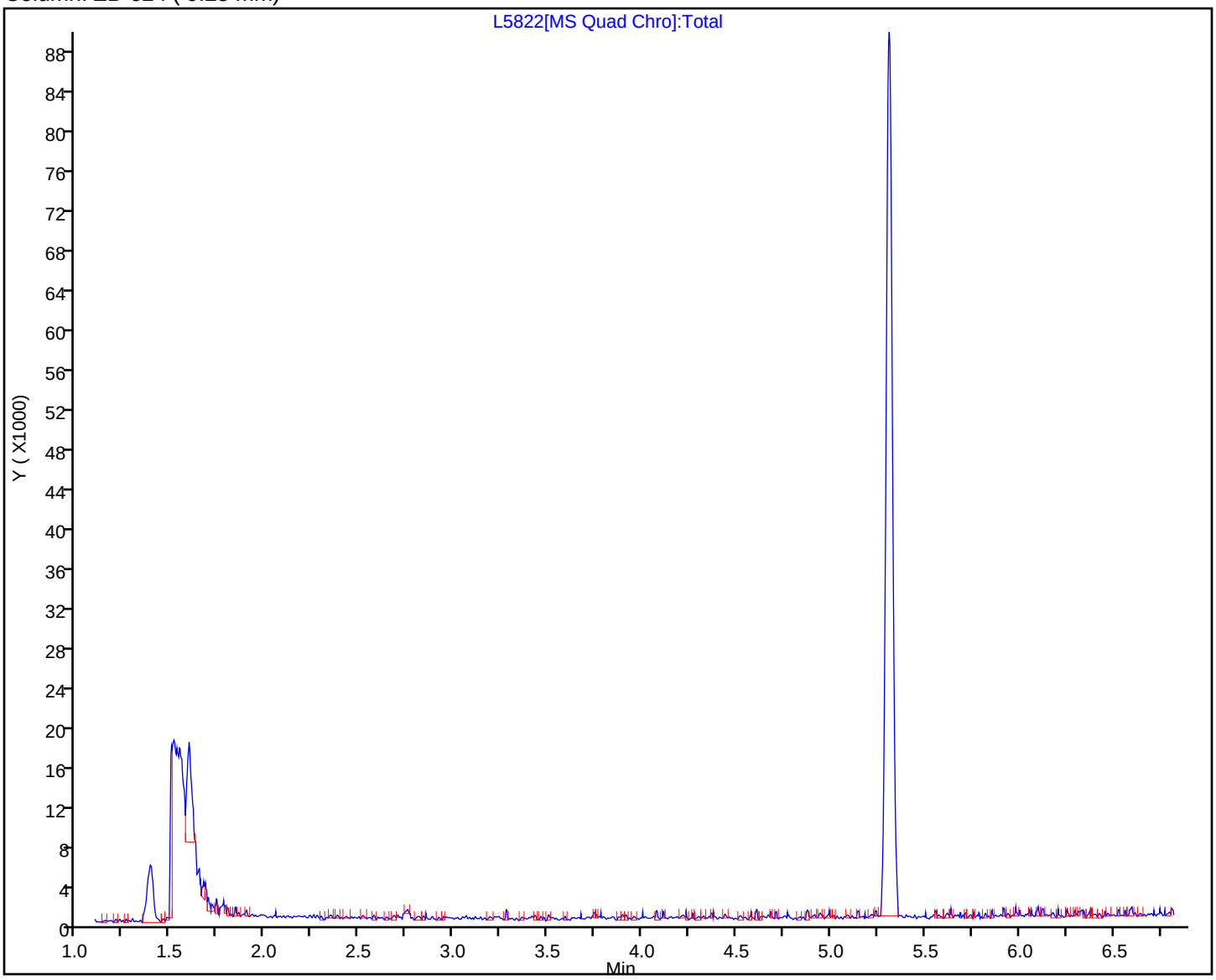
Client ID:

Operator ID: ZN 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\20240619-118655.b\L6690.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Jun-2024 11:11:05	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0118655-003				
Operator ID:	RS	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	19-Jun-2024 11:38:12	Calib Date:	22-May-2024 23:48:41		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1687				
First Level Reviewer: MHM2		Date:	19-Jun-2024 11:38:12		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.309	5.309	0.000	0	41210	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

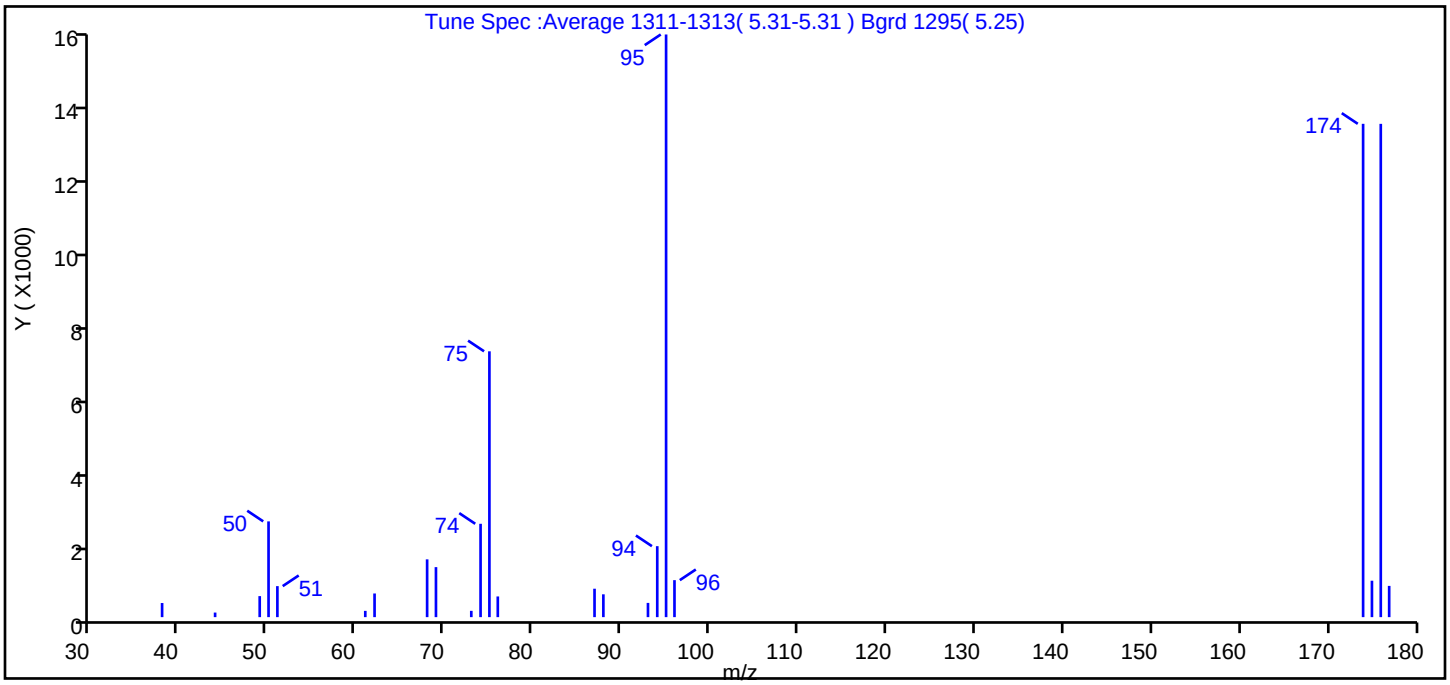
BFB_WRK_00161 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6690.D				
Injection Date:	19-Jun-2024 11:11:05	Instrument ID:	HP5977L		
Lims ID:	BFB				
Client ID:					
Operator ID:	RS	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	16.4
75	30 to 60% of m/z 95	45.6
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.7
175	5 to 9% of m/z 174	6.3 (7.4)
176	Greater than 95% but less than 101% of m/z 174	84.7 (100.0)
177	5 to 9% of m/z 176	5.4 (6.3)

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6690.D\L-8260.rslt\spectra.d
Injection Date: 19-Jun-2024 11:11:05
Spectrum: Tune Spec :Average 1311-1313(5.31-5.31) Bgrd 1295(5.25)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 23

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	376	62.00	630	76.00	551	96.00	985
44.00	122	68.00	1539	87.00	757	174.00	13137
49.00	560	69.00	1332	88.00	608	175.00	970
50.00	2550	73.00	168	93.00	379	176.00	13136
51.00	826	74.00	2486	94.00	1890	177.00	832
61.00	167	75.00	7079	95.00	15516		

Report Date: 19-Jun-2024 11:38:12 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6690.D

Injection Date: 19-Jun-2024 11:11:05 Instrument ID: HP5977L

Lims ID: BFB

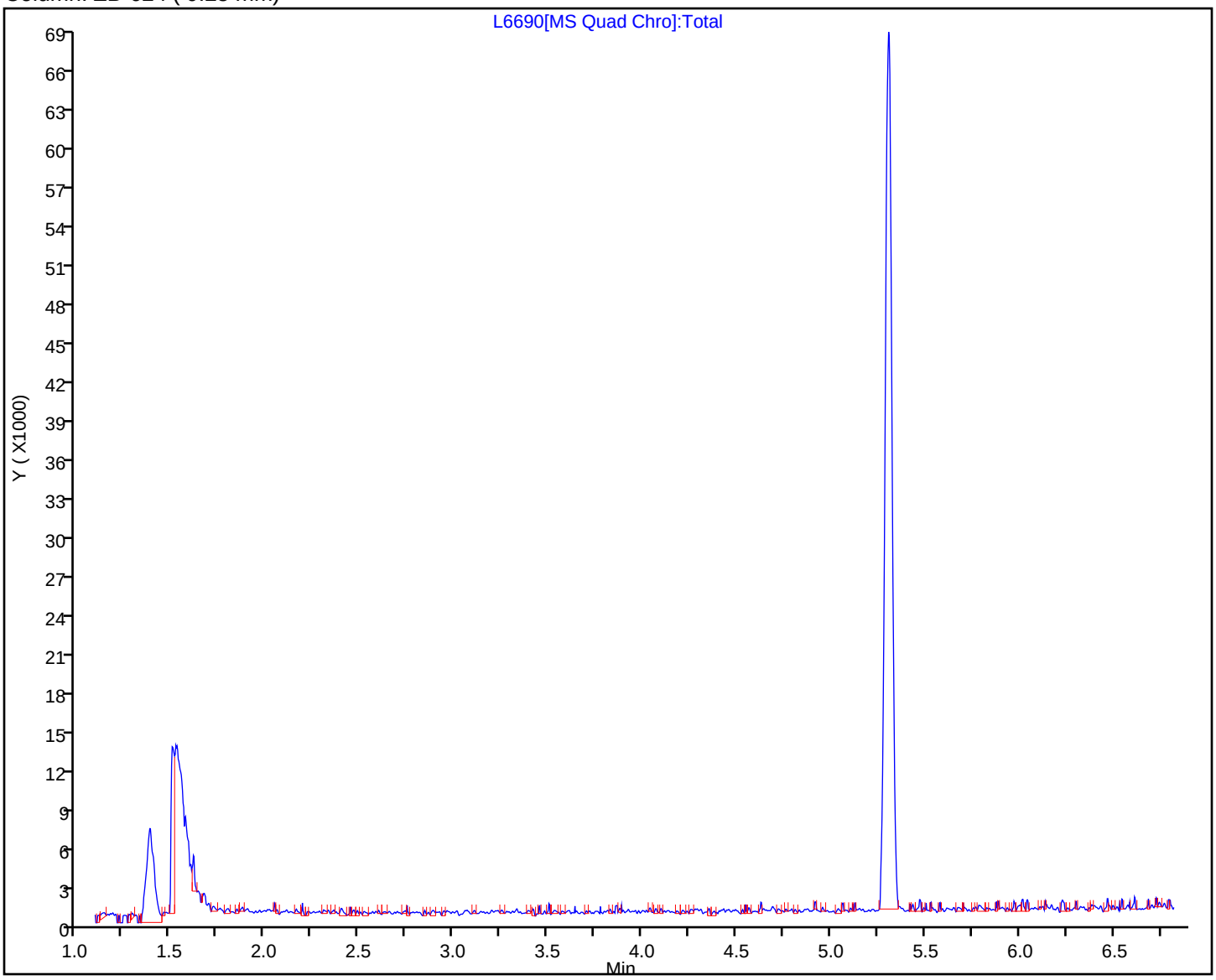
Client ID:

Operator ID: RS 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\20240620-118684.b\L6741.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Jun-2024 10:46:09	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	480-0118684-003				
Operator ID:	RS	Instrument ID:	HP5977L		
Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m				
Limit Group:	MV - 8260C ICAL				
Last Update:	20-Jun-2024 10:57:19	Calib Date:	22-May-2024 23:48:41		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D				
Column 1 :	ZB-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1684				
First Level Reviewer: MHM2		Date:	20-Jun-2024 10:57:19		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 8 BFB	95	5.309	5.309	0.000	0	35368	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

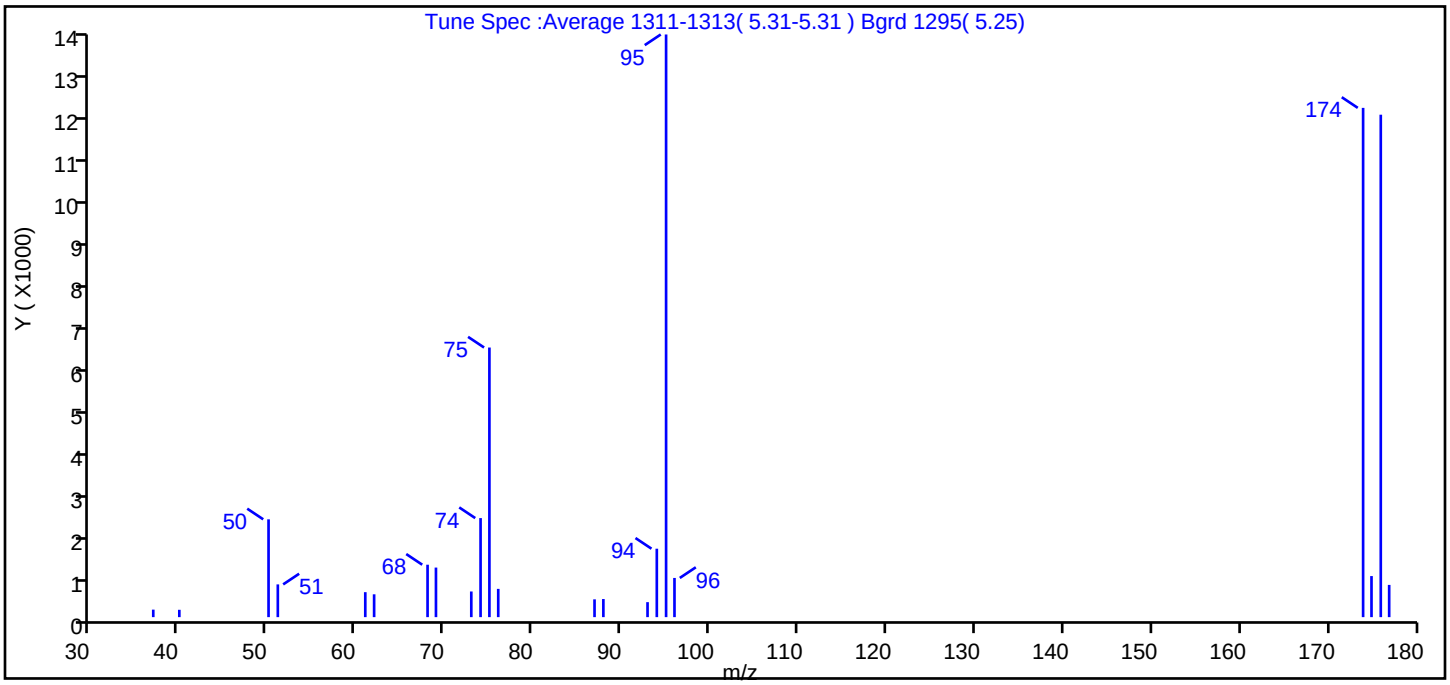
BFB_WRK_00161 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6741.D				
Injection Date:	20-Jun-2024 10:46:09	Instrument ID:	HP5977L		
Lims ID:	BFB				
Client ID:					
Operator ID:	RS	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	16.8
75	30 to 60% of m/z 95	46.3
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	87.4
175	5 to 9% of m/z 174	7.0 (8.1)
176	Greater than 95% but less than 101% of m/z 174	86.2 (98.7)
177	5 to 9% of m/z 176	5.5 (6.4)

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6741.D\L-8260.rslt\spectra.d
Injection Date: 20-Jun-2024 10:46:09
Spectrum: Tune Spec :Average 1311-1313(5.31-5.31) Bgrd 1295(5.25)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 22

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	176	68.00	1228	87.00	417	174.00	11928
40.00	172	69.00	1161	88.00	424	175.00	962
50.00	2291	73.00	601	93.00	351	176.00	11768
51.00	767	74.00	2320	94.00	1603	177.00	755
61.00	585	75.00	6315	95.00	13647		
62.00	535	76.00	662	96.00	918		

Report Date: 20-Jun-2024 10:57:19 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6741.D

Injection Date: 20-Jun-2024 10:46:09 Instrument ID: HP5977L

Lims ID: BFB

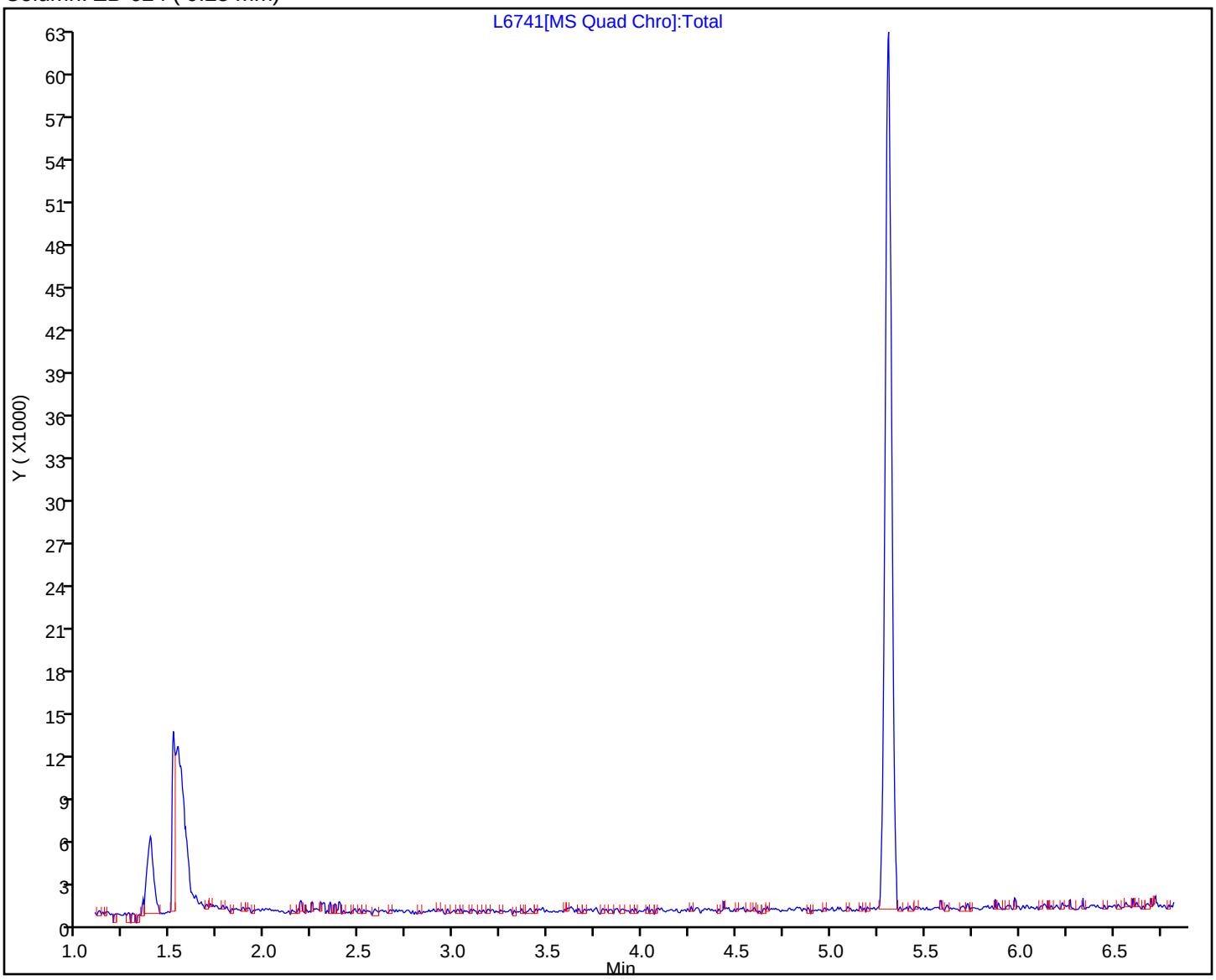
Client ID:

Operator ID: RS 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.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 480-716043/8
Matrix: Water
Lab File ID: S9877.d
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 13:03
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.: 716043
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)	105		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9877.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Jun-2024 13:03:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118654-008
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 13:26:59 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: QR3Z Date: 19-Jun-2024 13:26:59

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	99	181520	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.702	7.708	-0.006	85	357710	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	94	373439	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	58	252980	25.0	24.8	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	91	158806	25.0	26.5	
$ 5 Toluene-d8 (Surr)	98	6.248	6.243	0.000	93	911770	25.0	26.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.961	8.954	0.000	90	279112	25.0	26.2	
10 Dichlorodifluoromethane	85		0.992					ND	
11 Chlorodifluoromethane	51		1.010					ND	
12 Chloromethane	50		1.126					ND	
13 Vinyl chloride	62		1.199					ND	
151 Butadiene	54		1.217					ND	
14 Bromomethane	94		1.448					ND	
15 Chloroethane	64		1.509					ND	
16 Dichlorofluoromethane	67		1.686					ND	
17 Trichlorofluoromethane	101		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	
22 1,1-Dichloroethene	96		2.105					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.117					ND	
23 Acetone	43		2.215					ND	
25 Iodomethane	142		2.251					ND	
26 Carbon disulfide	76		2.282					ND	7
24 Isopropyl alcohol	45		2.397					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	7
31 2-Methyl-2-propanol	59		2.756					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		2.799					ND	
33 Acrylonitrile	53		2.854					ND	
35 Hexane	57		2.987					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		3.292					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		3.772					ND	
42 Ethyl acetate	43		3.815					ND	
139 Halothane	117		3.822					ND	
46 Propionitrile	54		3.882					ND	
48 Chlorobromomethane	128		3.961					ND	
49 Tetrahydrofuran	42		3.973					ND	
47 Methacrylonitrile	41		3.985					ND	
50 Chloroform	83	4.040	4.046	-0.006	28	3114		0.1641	
51 1,1,1-Trichloroethane	97		4.137					ND	
52 Cyclohexane	56		4.143					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	
53 Isobutyl alcohol	43		4.545					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		5.330					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		5.877					ND	
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	6.309	0.000	33	2828		0.1232	a
76 2-Methylthiophene	97		6.443					ND	
78 3-Methylthiophene	97		6.607					ND	
77 trans-1,3-Dichloropropene	75		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		6.662					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		7.149					ND	
83 Chlorodibromomethane	129		7.173					ND	
84 Ethylene Dibromide	107		7.258					ND	
146 1-Chlorohexane	55		7.708					ND	U
85 3-Chlorobenzotrifluoride	180		7.733					ND	
87 Chlorobenzene	112		7.733					ND	
86 4-Chlorobenzotrifluoride	180		7.799					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		8.694					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		9.247					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		10.148					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	7
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		12.095					ND	U
121 Naphthalene	128		12.186					ND	
122 1,2,3-Trichlorobenzene	180		12.387					ND	
149 2-Methylnaphthalene	142		13.104					ND	
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				0			0.1232	
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
a - User Assigned ID

Reagents:

S_8260_IS_00390	Amount Added:	1.00	Units: uL	Run Reagent
S_8260_Surr_00480	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Jun-2024 13:27:00 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9877.d

Injection Date: 19-Jun-2024 13:03:30 Instrument ID: HP5973S Operator ID: ZN

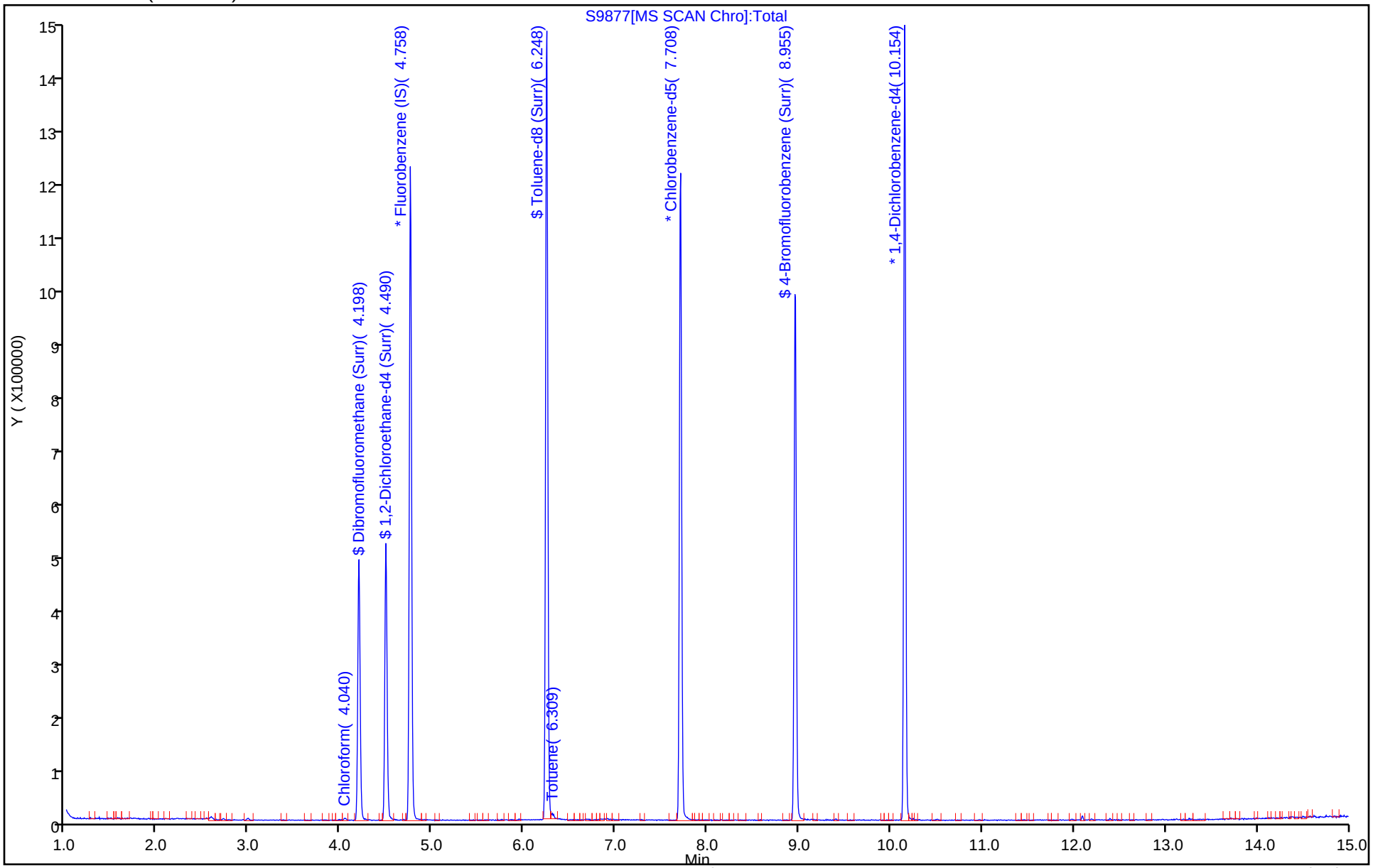
Lims ID: MB Worklist Smp#: 8

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)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9877.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Jun-2024 13:03:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118654-008
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 13:26:59 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: QR3Z Date: 19-Jun-2024 13:26:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	24.8	99.29
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.5	106.08
$ 5 Toluene-d8 (Surr)	25.0	26.3	105.10
$ 6 4-Bromofluorobenzene (Surr)	25.0	26.2	104.93

Manual Integration/User Assign Peak Report

Eurofins Buffalo

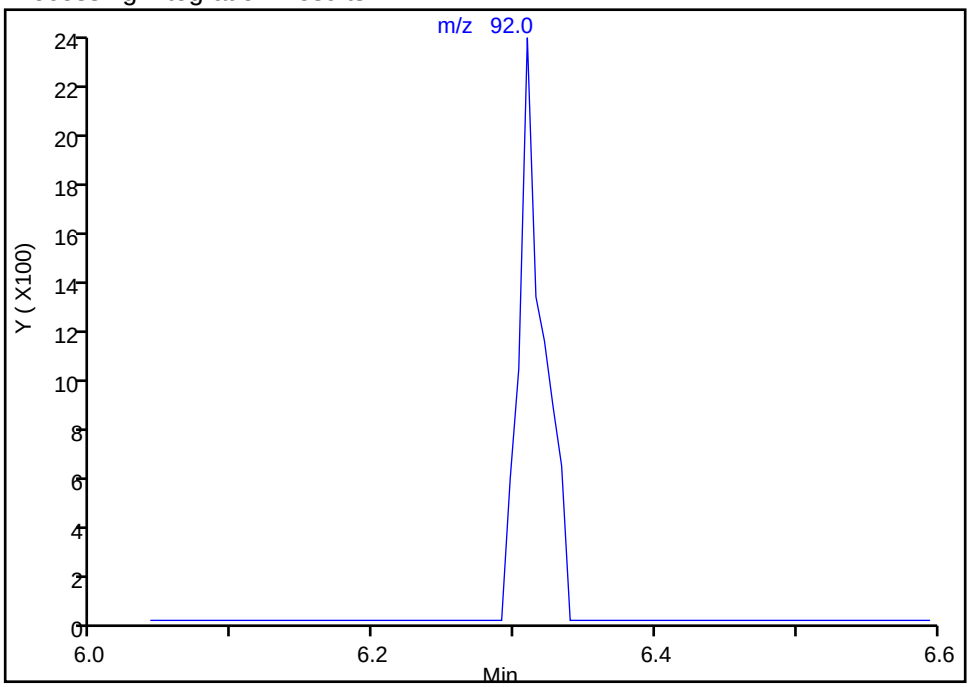
Data File:	\\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9877.d				
Injection Date:	19-Jun-2024 13:03:30	Instrument ID:	HP5973S		
Lims ID:	MB				
Client ID:					
Operator ID:	ZN	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	S-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

74 Toluene, CAS: 108-88-3

Signal: 1

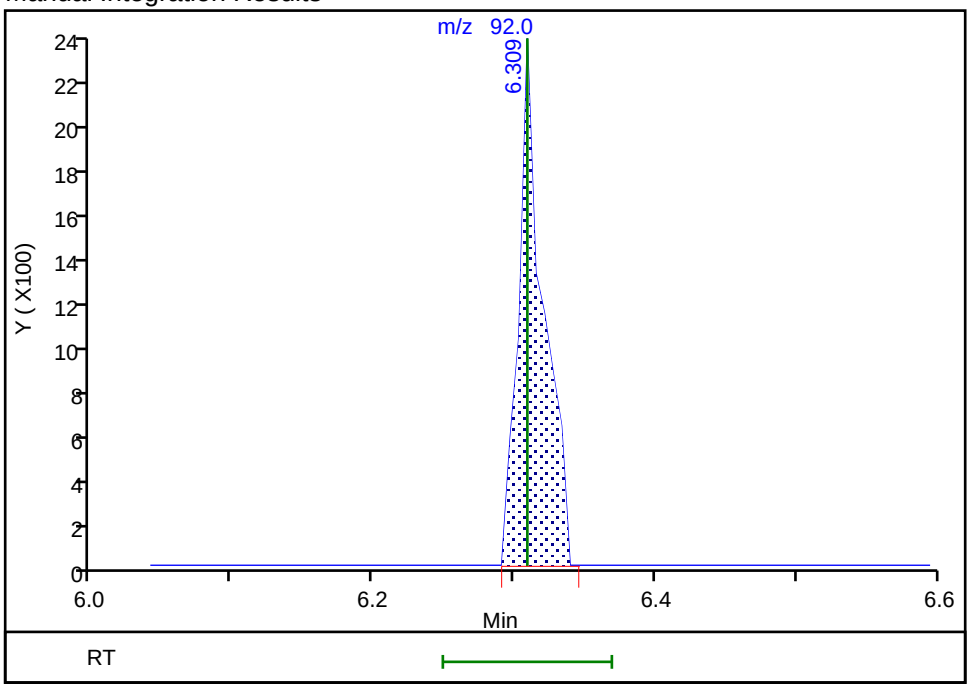
Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results

RT: 6.31
Area: 2828
Amount: 0.123239
Amount Units: ug/L



Reviewer: QR3Z, 19-Jun-2024 13:26:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 480-716047/8
Matrix: Water
Lab File ID: L6695.D
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 13:29
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.: 716047
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)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6695.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Jun-2024 13:29:22 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118655-008
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:12:10 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:12:10

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	5.670	5.670	0.000	100	119881	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.547	8.544	0.003	84	533112	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	293467	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.127	-0.004	94	152013	25.0	24.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	96	176019	25.0	26.4	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	92	665767	25.0	24.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.789	9.789	0.003	99	209185	25.0	25.0	
10 Dichlorodifluoromethane	85		1.741					ND	
9 Chlorodifluoromethane	51		1.770					ND	
13 Chloromethane	50		1.975					ND	
14 Vinyl chloride	62		2.072					ND	
15 Butadiene	54		2.088					ND	
18 Bromomethane	94		2.435					ND	
19 Chloroethane	64		2.496					ND	
20 Dichlorofluoromethane	67		2.712					ND	
21 Trichlorofluoromethane	101		2.715					ND	
26 Ethyl ether	59		2.950					ND	
11 Ethanol	45		2.956					ND	
12 Propene oxide	58		3.049					ND	
28 Acrolein	56		3.126					ND	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.175					ND	
30 1,1-Dichloroethene	96		3.191					ND	
31 Acetone	43		3.268					ND	
33 Iodomethane	142		3.368					ND	
35 Carbon disulfide	76		3.409					ND	
16 Isopropyl alcohol	45		3.413					ND	
37 3-Chloro-1-propene	41		3.503					ND	
38 Methyl acetate	43		3.525					ND	
17 Acetonitrile	40		3.554					ND	
39 Methylene Chloride	84		3.631					ND	7
40 2-Methyl-2-propanol	59		3.747					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		3.808					ND	
42 trans-1,2-Dichloroethene	96		3.834					ND	
44 Acrylonitrile	53		3.879					ND	
47 Hexane	57		3.995					ND	
22 Isopropyl ether	45		4.191					ND	
23 Halothane	117		4.200					ND	
50 1,1-Dichloroethane	63		4.210					ND	
49 Vinyl acetate	43		4.226					ND	
24 2-Chloro-1,3-butadiene	53		4.265					ND	
25 1,1-Dimethoxyethane	75		4.268					ND	
27 Tert-butyl ethyl ether	59		4.493					ND	
56 2,2-Dichloropropane	77		4.683					ND	
58 cis-1,2-Dichloroethene	96		4.708					ND	
57 2-Butanone (MEK)	43		4.718					ND	
32 Ethyl acetate	43		4.728					ND	
34 Propionitrile	54		4.824					ND	
36 Methacrylonitrile	41		4.924					ND	
60 Chlorobromomethane	128		4.927					ND	
61 Tetrahydrofuran	42		4.943					ND	
62 Chloroform	83	4.975	4.975	0.000	85	2072		0.1691	
64 1,1,1-Trichloroethane	97		5.107					ND	
65 Cyclohexane	56		5.120					ND	
66 Carbon tetrachloride	117		5.236					ND	
67 1,1-Dichloropropene	75		5.239					ND	
69 Isobutyl alcohol	43		5.364					ND	
43 Isooctane	57		5.400					ND	
70 Benzene	78		5.432					ND	
45 t-Amyl alcohol	59		5.435					ND	
46 Tert-amyl methyl ether	73		5.464					ND	
72 1,2-Dichloroethane	62		5.483					ND	
73 n-Heptane	43		5.544					ND	
48 1,4-Difluorobenzene	114		5.750					ND	
51 2,4,4-Trimethyl-1-pentene	55		5.863					ND	
52 n-Butanol	56		5.937					ND	
75 Trichloroethene	95		5.985					ND	
53 Ethyl acrylate	55		6.056					ND	
54 2,4,4-Trimethyl-2-pentene	97		6.065					ND	
76 Methylcyclohexane	83		6.107					ND	
77 1,2-Dichloropropane	63		6.216					ND	
55 Methyl methacrylate	41		6.258					ND	
81 1,4-Dioxane	88		6.332					ND	
82 Dibromomethane	93		6.351					ND	
83 Dichlorobromomethane	83		6.474					ND	
84 2-Chloroethyl vinyl ether	63		6.705					ND	
59 2-Nitropropane	43		6.708					ND	
63 Epichlorohydrin	57		6.821					ND	
85 cis-1,3-Dichloropropene	75		6.866					ND	
87 4-Methyl-2-pentanone (MIBK)	43		6.982					ND	
88 Toluene	92		7.152					ND	
68 2-Methylthiophene	97		7.294					ND	
91 trans-1,3-Dichloropropene	75		7.400					ND	
90 Ethyl methacrylate	69		7.409					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		7.451					ND	
93 1,1,2-Trichloroethane	83		7.593					ND	
94 Tetrachloroethene	166		7.673					ND	
95 1,3-Dichloropropane	76		7.760					ND	
96 2-Hexanone	43		7.789					ND	
74 n-Butyl acetate	43		7.872					ND	
98 Chlorodibromomethane	129		7.998					ND	
101 Ethylene Dibromide	107		8.120					ND	
78 1-Chlorohexane	55		8.483					ND	
79 3-Chlorobenzotrifluoride	180		8.493					ND	
80 4-Chlorobenzotrifluoride	180		8.554					ND	
103 Chlorobenzene	112		8.573					ND	
104 Ethylbenzene	91		8.644					ND	
105 1,1,1,2-Tetrachloroethane	131		8.657					ND	
106 m-Xylene & p-Xylene	106		8.760					ND	
107 o-Xylene	106		9.191					ND	
109 Styrene	104		9.216					ND	
86 2-Chlorobenzotrifluoride	180		9.480					ND	
110 Bromoform	173		9.490					ND	
111 Isopropylbenzene	105		9.564					ND	
89 Cyclohexanone	55		9.773					ND	
113 Bromobenzene	156		9.956					ND	
112 1,1,2,2-Tetrachloroethane	83		9.972					ND	
114 N-Propylbenzene	91		10.007					ND	
115 trans-1,4-Dichloro-2-butene	53		10.023					ND	
116 1,2,3-Trichloropropane	110		10.023					ND	
117 2-Chlorotoluene	126		10.136					ND	
118 1,3,5-Trimethylbenzene	105		10.184					ND	
92 3-Chlorotoluene	126		10.200					ND	
119 4-Chlorotoluene	91		10.248					ND	
120 tert-Butylbenzene	134		10.515					ND	
121 1,2,4-Trimethylbenzene	105		10.573					ND	
97 Pentachloroethane	167		10.596					ND	
122 sec-Butylbenzene	105		10.731					ND	
123 4-Isopropyltoluene	119		10.863					ND	
124 1,3-Dichlorobenzene	146		10.888					ND	
99 Dicyclopentadiene	66		10.959					ND	U
126 1,4-Dichlorobenzene	146		10.972					ND	
100 1,2,3-Trimethylbenzene	105		10.991					ND	
102 Benzyl chloride	126		11.117					ND	
127 n-Butylbenzene	91		11.248					ND	
128 1,2-Dichlorobenzene	146		11.326					ND	
129 1,2-Dibromo-3-Chloropropane	75		12.030					ND	
108 1,3,5-Trichlorobenzene	180		12.152					ND	
130 1,2,4-Trichlorobenzene	180		12.657					ND	
131 Hexachlorobutadiene	225		12.747					ND	
132 Naphthalene	128		12.869					ND	
133 1,2,3-Trichlorobenzene	180		13.062					ND	
125 2-Methylnaphthalene	142		13.840					ND	
134 Ethylene oxide TIC	1		0.000					ND	
139 Hexachloroethane	117		0.000					ND	
136 1-Bromopropane 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
137 cis-1,4-Dichloro-2-butene	88		0.000					ND	
138 Nitrobenzene	77		0.000					ND	
135 Propene oxide TIC	1		0.000					ND	
S 144 1,3-Dichloropropene, Total	1		30.000					ND	7
S 143 Xylenes, Total	1		30.000					ND	7
S 142 Total BTEX	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_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:12:10 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6695.D

Injection Date: 19-Jun-2024 13:29:22 Instrument ID: HP5977L

Lims ID: MB

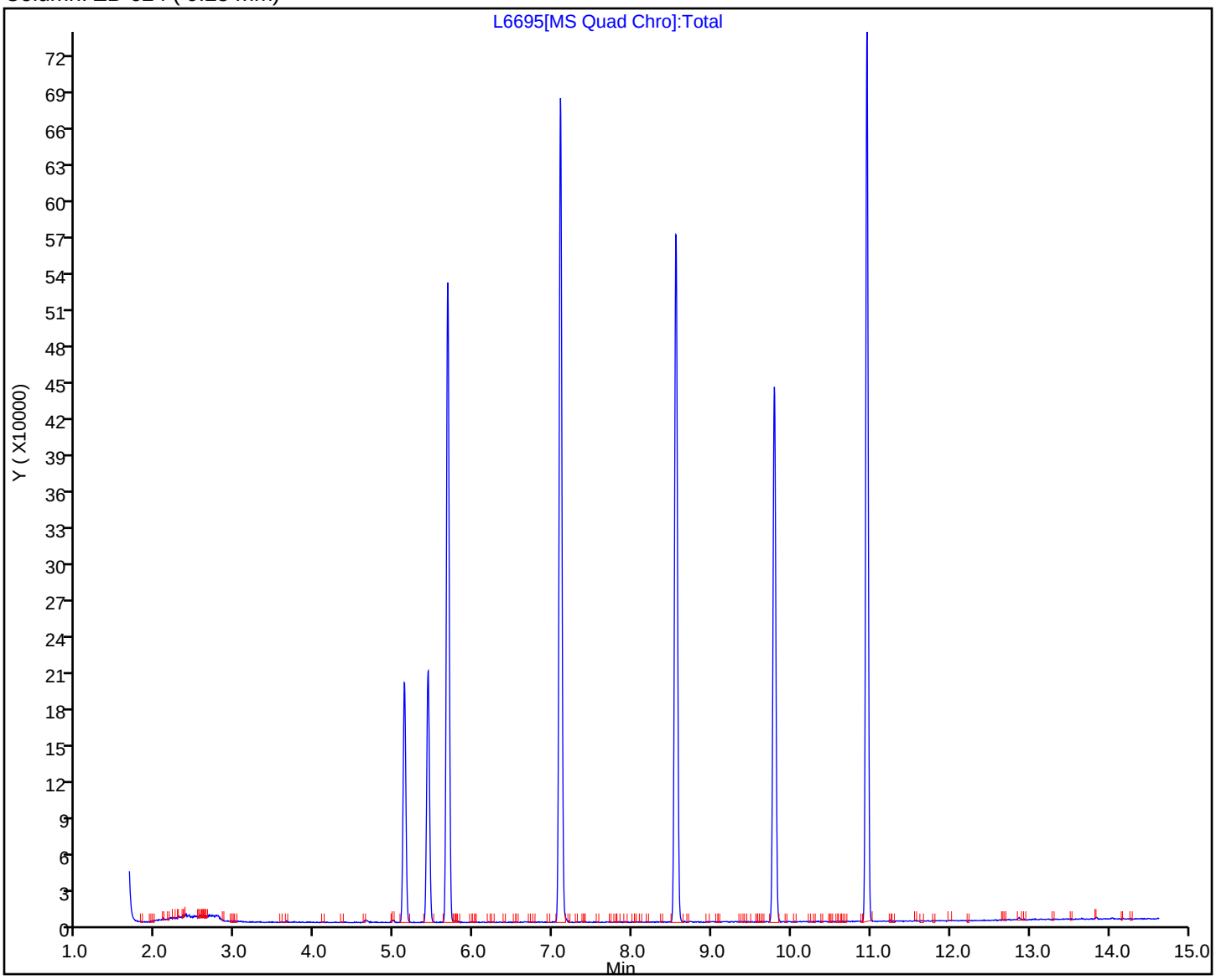
Client ID:

Operator ID: RS 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\20240619-118655.b\L6695.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Jun-2024 13:29:22 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118655-008
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:12:10 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:12:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.3	97.16
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	26.4	105.66
$ 6 Toluene-d8 (Surr)	25.0	24.3	97.28
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.0	100.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 480-716220/9
Matrix: Water
Lab File ID: L6747.D
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/20/2024 13:37
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.: 716220
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)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6747.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2024 13:37:49 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118684-009
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 21-Jun-2024 09:53:05 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1624

First Level Reviewer: MHM2 Date: 21-Jun-2024 09:53:05

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	5.670	5.670	0.000	99	123647	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.547	8.544	0.003	87	555523	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	298840	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.126	5.123	0.003	94	158817	25.0	24.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	175924	25.0	25.6	
$ 6 Toluene-d8 (Surr)	98	7.091	7.091	0.000	92	685156	25.0	24.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	-0.001	98	222059	25.0	25.5	
10 Dichlorodifluoromethane	85		1.737					ND	
9 Chlorodifluoromethane	51		1.770					ND	
13 Chloromethane	50		1.972					ND	
14 Vinyl chloride	62		2.069					ND	
15 Butadiene	54		2.081					ND	
18 Bromomethane	94		2.435					ND	
19 Chloroethane	64		2.493					ND	
20 Dichlorofluoromethane	67		2.702					ND	
21 Trichlorofluoromethane	101		2.715					ND	
26 Ethyl ether	59		2.950					ND	
11 Ethanol	45		2.956					ND	
12 Propene oxide	58		3.049					ND	
28 Acrolein	56		3.130					ND	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.162					ND	
30 1,1-Dichloroethene	96		3.171					ND	
31 Acetone	43		3.268					ND	
33 Iodomethane	142		3.361					ND	
35 Carbon disulfide	76		3.403					ND	
16 Isopropyl alcohol	45		3.413					ND	
37 3-Chloro-1-propene	41		3.503					ND	
38 Methyl acetate	43		3.525					ND	
17 Acetonitrile	40		3.557					ND	
39 Methylene Chloride	84		3.631					ND	7
40 2-Methyl-2-propanol	59		3.747					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		3.808					ND	
42 trans-1,2-Dichloroethene	96		3.837					ND	
44 Acrylonitrile	53		3.879					ND	
47 Hexane	57		3.995					ND	
22 Isopropyl ether	45		4.191					ND	
23 Halothane	117		4.201					ND	
50 1,1-Dichloroethane	63		4.210					ND	
49 Vinyl acetate	43		4.226					ND	
24 2-Chloro-1,3-butadiene	53		4.268					ND	
25 1,1-Dimethoxyethane	75		4.268					ND	
27 Tert-butyl ethyl ether	59		4.493					ND	
56 2,2-Dichloropropane	77		4.683					ND	
58 cis-1,2-Dichloroethene	96		4.705					ND	
57 2-Butanone (MEK)	43		4.718					ND	
32 Ethyl acetate	43		4.731					ND	
34 Propionitrile	54		4.824					ND	
60 Chlorobromomethane	128		4.924					ND	
36 Methacrylonitrile	41		4.924					ND	
61 Tetrahydrofuran	42		4.943					ND	U
62 Chloroform	83	4.982	4.975	0.007	85	1996		0.1579	
64 1,1,1-Trichloroethane	97		5.107					ND	
65 Cyclohexane	56		5.123					ND	
66 Carbon tetrachloride	117		5.236					ND	
67 1,1-Dichloropropene	75		5.236					ND	
69 Isobutyl alcohol	43		5.364					ND	
43 Isooctane	57		5.403					ND	
70 Benzene	78		5.432					ND	
45 t-Amyl alcohol	59		5.435					ND	
46 Tert-amyl methyl ether	73		5.467					ND	
72 1,2-Dichloroethane	62		5.483					ND	
73 n-Heptane	43		5.544					ND	
48 1,4-Difluorobenzene	114		5.750					ND	
51 2,4,4-Trimethyl-1-pentene	55		5.863					ND	
52 n-Butanol	56		5.937					ND	
75 Trichloroethene	95		5.982					ND	
53 Ethyl acrylate	55		6.056					ND	
54 2,4,4-Trimethyl-2-pentene	97		6.065					ND	
76 Methylcyclohexane	83		6.104					ND	
77 1,2-Dichloropropane	63		6.216					ND	
55 Methyl methacrylate	41		6.258					ND	
81 1,4-Dioxane	88		6.332					ND	
82 Dibromomethane	93		6.351					ND	
83 Dichlorobromomethane	83		6.474					ND	
84 2-Chloroethyl vinyl ether	63		6.705					ND	
59 2-Nitropropane	43		6.708					ND	
63 Epichlorohydrin	57		6.821					ND	
85 cis-1,3-Dichloropropene	75		6.866					ND	
87 4-Methyl-2-pentanone (MIBK)	43		6.982					ND	
88 Toluene	92		7.152					ND	
68 2-Methylthiophene	97		7.290					ND	
91 trans-1,3-Dichloropropene	75		7.403					ND	
90 Ethyl methacrylate	69		7.409					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		7.451					ND	
93 1,1,2-Trichloroethane	83		7.596					ND	
94 Tetrachloroethene	166		7.673					ND	
95 1,3-Dichloropropane	76		7.760					ND	
96 2-Hexanone	43		7.785					ND	
74 n-Butyl acetate	43		7.872					ND	
98 Chlorodibromomethane	129		7.998					ND	
101 Ethylene Dibromide	107		8.120					ND	
78 1-Chlorohexane	55		8.483					ND	U
79 3-Chlorobenzotrifluoride	180		8.493					ND	
80 4-Chlorobenzotrifluoride	180		8.554					ND	
103 Chlorobenzene	112		8.576					ND	
104 Ethylbenzene	91		8.644					ND	
105 1,1,1,2-Tetrachloroethane	131		8.657					ND	
106 m-Xylene & p-Xylene	106		8.763					ND	
107 o-Xylene	106		9.191					ND	
109 Styrene	104		9.216					ND	
86 2-Chlorobenzotrifluoride	180		9.480					ND	
110 Bromoform	173		9.490					ND	
111 Isopropylbenzene	105		9.564					ND	
89 Cyclohexanone	55		9.770					ND	U
113 Bromobenzene	156		9.956					ND	
112 1,1,2,2-Tetrachloroethane	83		9.972					ND	
114 N-Propylbenzene	91		10.007					ND	
115 trans-1,4-Dichloro-2-butene	53		10.020					ND	
116 1,2,3-Trichloropropane	110		10.023					ND	
117 2-Chlorotoluene	126		10.139					ND	
118 1,3,5-Trimethylbenzene	105		10.184					ND	
92 3-Chlorotoluene	126		10.200					ND	
119 4-Chlorotoluene	91		10.248					ND	
120 tert-Butylbenzene	134		10.519					ND	
121 1,2,4-Trimethylbenzene	105		10.573					ND	
97 Pentachloroethane	167		10.596					ND	
122 sec-Butylbenzene	105		10.731					ND	
123 4-Isopropyltoluene	119		10.863					ND	
124 1,3-Dichlorobenzene	146		10.888					ND	
99 Dicyclopentadiene	66		10.959					ND	U
126 1,4-Dichlorobenzene	146		10.972					ND	
100 1,2,3-Trimethylbenzene	105		10.991					ND	
102 Benzyl chloride	126		11.114					ND	
127 n-Butylbenzene	91		11.248					ND	
128 1,2-Dichlorobenzene	146		11.329					ND	
129 1,2-Dibromo-3-Chloropropane	75		12.030					ND	
108 1,3,5-Trichlorobenzene	180		12.149					ND	
130 1,2,4-Trichlorobenzene	180		12.657					ND	
131 Hexachlorobutadiene	225		12.747					ND	
132 Naphthalene	128		12.869					ND	
133 1,2,3-Trichlorobenzene	180		13.065					ND	U
125 2-Methylnaphthalene	142	13.837	13.840	-0.003	87	3519		0.1226	
134 Ethylene oxide TIC	1		0.000					ND	
139 Hexachloroethane	117		0.000					ND	
136 1-Bromopropane 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
137 cis-1,4-Dichloro-2-butene	88		0.000					ND	
138 Nitrobenzene	77		0.000					ND	
135 Propene oxide TIC	1		0.000					ND	
S 144 1,3-Dichloropropene, Total	1		30.000					ND	7
S 143 Xylenes, Total	1		30.000					ND	7
S 142 Total BTEX	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_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 21-Jun-2024 09:53:06 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6747.D

Injection Date: 20-Jun-2024 13:37:49 Instrument ID: HP5977L

Lims ID: MB

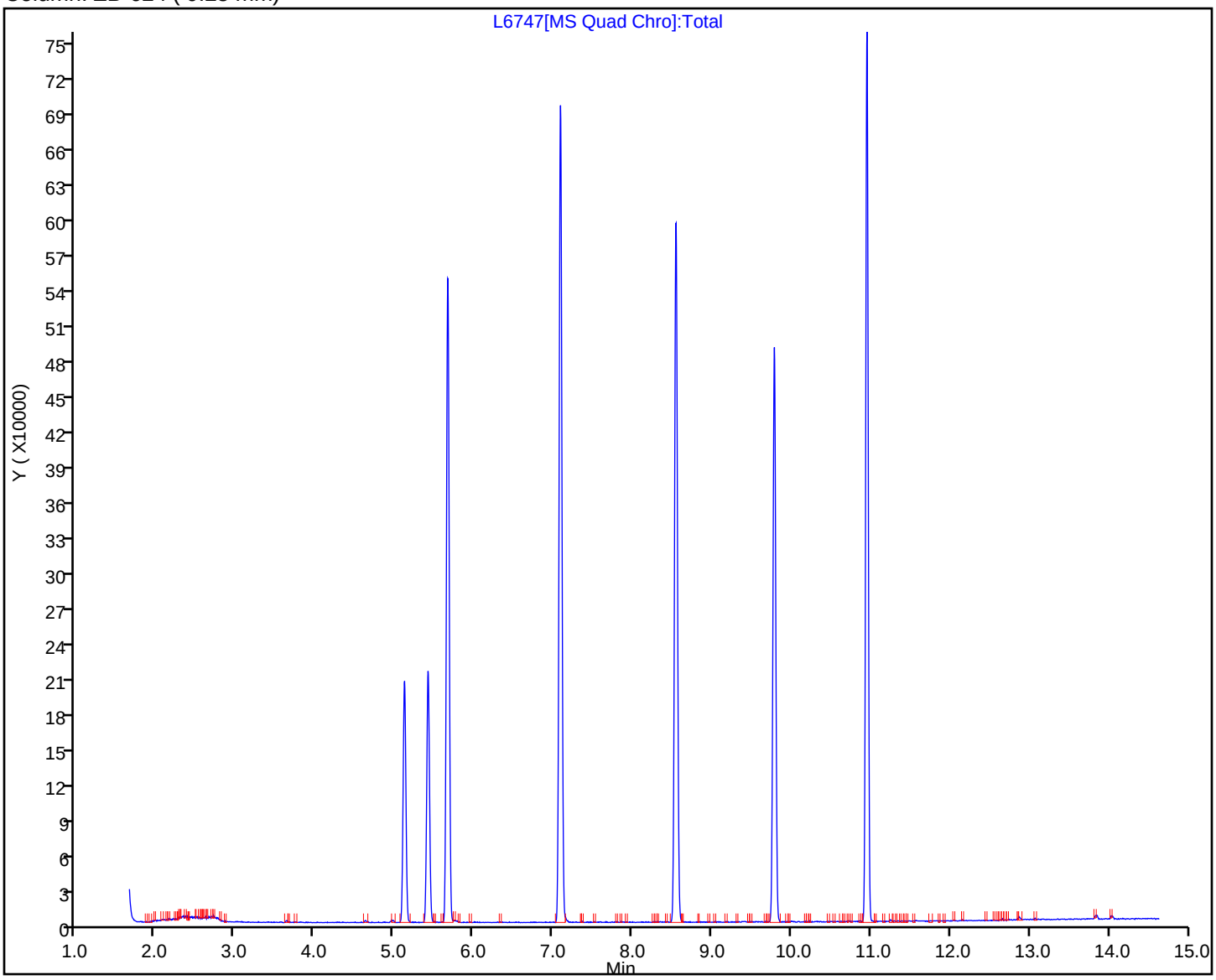
Client ID:

Operator ID: RS 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\20240620-118684.b\L6747.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2024 13:37:49 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0118684-009
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 21-Jun-2024 09:53:05 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1624

First Level Reviewer: MHM2 Date: 21-Jun-2024 09:53:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	24.6	98.42
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.6	102.39
$ 6 Toluene-d8 (Surr)	25.0	24.0	96.08
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.5	102.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 480-716043/6
Matrix: Water
Lab File ID: S9875.d
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 12:17
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.: 716043
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	28.3		1.0	0.41
108-88-3	Toluene	27.6		1.0	0.51
100-41-4	Ethylbenzene	28.0		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	28.1		2.0	0.66
95-47-6	o-Xylene	25.2		1.0	0.76
1330-20-7	Xylenes, Total	53.3		2.0	0.66
STL00431	Total BTEX	137		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	109		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	113		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9875.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-Jun-2024 12:17:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118654-006
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 12:48:07 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: QR3Z Date: 19-Jun-2024 12:48:07

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	99	188759	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.708	7.708	0.000	84	397560	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.154	10.154	0.000	68	407787	25.0	25.0	
$ 154 Dibromofluoromethane (Surr)	113	4.198	4.198	0.000	57	272793	25.0	25.7	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.490	4.490	0.000	52	167730	25.0	26.9	
$ 5 Toluene-d8 (Surr)	98	6.248	6.248	0.000	58	1052836	25.0	27.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.962	8.962	0.001	92	333178	25.0	28.2	
10 Dichlorodifluoromethane	85	0.992	0.992	0.000	88	228105	25.0	17.1	
12 Chloromethane	50	1.126	1.126	0.000	88	289024	25.0	22.5	
13 Vinyl chloride	62	1.199	1.199	0.000	83	238961	25.0	22.8	
151 Butadiene	54	1.217	1.217	0.000	91	221134	25.0	18.7	
14 Bromomethane	94	1.442	1.448	-0.006	90	175878	25.0	25.2	
15 Chloroethane	64	1.509	1.509	0.000	95	169549	25.0	22.3	
16 Dichlorofluoromethane	67	1.686	1.686	0.000	82	441070	25.0	23.2	
17 Trichlorofluoromethane	101	1.692	1.692	0.000	60	348428	25.0	23.7	
18 Ethyl ether	59	1.917	1.911	0.006	91	241554	25.0	24.4	
20 Acrolein	56	2.075	2.075	0.000	98	279631	125.0	261.2	
22 1,1-Dichloroethene	96	2.111	2.105	0.006	89	224554	25.0	26.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.111	2.117	-0.006	62	204301	25.0	23.9	
23 Acetone	43	2.221	2.215	0.006	100	529997	125.0	129.4	
25 Iodomethane	142	2.264	2.251	0.013	98	411720	25.0	26.3	
26 Carbon disulfide	76	2.288	2.282	0.006	99	728113	25.0	25.7	
28 3-Chloro-1-propene	41	2.446	2.446	0.000	88	416155	25.0	21.8	
27 Methyl acetate	43	2.495	2.495	0.000	95	516083	50.0	50.1	
30 Methylene Chloride	84	2.586	2.586	0.000	88	266343	25.0	26.2	
31 2-Methyl-2-propanol	59	2.756	2.756	0.000	93	415731	250.0	266.4	
32 Methyl tert-butyl ether	73	2.787	2.781	0.006	91	860609	25.0	22.8	
34 trans-1,2-Dichloroethene	96	2.799	2.799	0.000	93	272938	25.0	25.1	
33 Acrylonitrile	53	2.860	2.854	0.006	99	1331284	250.0	262.3	
35 Hexane	57	2.981	2.987	-0.006	92	300107	25.0	23.5	
39 1,1-Dichloroethane	63	3.194	3.194	0.000	85	457815	25.0	24.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	3.261	3.261	0.000	97	1229326	50.0	57.0	
44 2,2-Dichloropropane	77	3.693	3.693	0.000	91	274560	25.0	22.2	
45 cis-1,2-Dichloroethene	96	3.736	3.736	0.000	64	290031	25.0	23.0	
43 2-Butanone (MEK)	43	3.778	3.772	0.006	98	772270	125.0	159.8	
48 Chlorobromomethane	128	3.961	3.961	0.000	89	154698	25.0	25.7	
49 Tetrahydrofuran	42	3.973	3.973	0.000	84	215577	50.0	57.9	
50 Chloroform	83	4.046	4.046	0.000	80	460417	25.0	23.3	
51 1,1,1-Trichloroethane	97	4.137	4.137	0.000	91	393204	25.0	26.0	
52 Cyclohexane	56	4.143	4.143	0.000	83	385904	25.0	21.7	
55 Carbon tetrachloride	117	4.271	4.271	0.000	82	342350	25.0	25.3	
54 1,1-Dichloropropene	75	4.289	4.289	0.000	93	363894	25.0	29.2	
57 Benzene	78	4.490	4.484	0.006	96	1056416	25.0	28.3	
53 Isobutyl alcohol	43	4.551	4.551	0.006	81	430092	625.0	810.5	M
58 1,2-Dichloroethane	62	4.563	4.563	0.000	76	388068	25.0	27.5	
59 n-Heptane	43	4.679	4.679	0.000	90	289454	25.0	25.1	
62 Trichloroethene	95	5.092	5.092	0.000	93	275014	25.0	28.0	
64 Methylcyclohexane	83	5.196	5.196	0.000	89	379157	25.0	22.1	
65 1,2-Dichloropropane	63	5.330	5.330	0.000	89	243862	25.0	29.3	
67 Dibromomethane	93	5.463	5.463	0.000	88	172919	25.0	27.1	
66 1,4-Dioxane	88	5.482	5.476	0.006	54	44409	500.0	558.0	
68 Dichlorobromomethane	83	5.622	5.622	0.000	93	328074	25.0	27.1	
69 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	93	173485	25.0	39.8	
72 cis-1,3-Dichloropropene	75	6.035	6.035	0.000	88	417681	25.0	33.1	
73 4-Methyl-2-pentanone (MIBK)	43	6.194	6.187	0.007	96	1613259	125.0	119.0	
74 Toluene	92	6.309	6.309	0.000	87	704112	25.0	27.6	
77 trans-1,3-Dichloropropene	75	6.607	6.607	0.000	91	387710	25.0	30.4	
75 Ethyl methacrylate	69	6.668	6.662	0.006	70	346032	25.0	26.5	
79 1,1,2-Trichloroethane	83	6.790	6.790	0.000	86	196812	25.0	28.2	
81 Tetrachloroethene	166	6.826	6.826	0.000	83	301946	25.0	28.3	
82 1,3-Dichloropropane	76	6.942	6.942	0.000	91	417665	25.0	30.5	
80 2-Hexanone	43	7.027	7.027	0.000	96	1093251	125.0	151.0	
83 Chlorodibromomethane	129	7.173	7.173	0.000	86	261116	25.0	26.7	
84 Ethylene Dibromide	107	7.258	7.258	0.000	99	254941	25.0	29.7	
87 Chlorobenzene	112	7.733	7.733	0.000	95	781349	25.0	29.2	
88 Ethylbenzene	91	7.836	7.836	0.000	98	1279461	25.0	28.0	
89 1,1,1,2-Tetrachloroethane	131	7.842	7.842	0.000	42	261741	25.0	23.9	
90 m-Xylene & p-Xylene	106	7.958	7.958	0.000	99	511885	25.0	28.1	
91 o-Xylene	106	8.378	8.378	0.001	97	507345	25.0	25.2	
92 Styrene	104	8.408	8.408	0.000	93	787718	25.0	27.8	
95 Bromoform	173	8.645	8.645	0.000	94	173311	25.0	25.7	
94 Isopropylbenzene	105	8.761	8.761	0.000	96	1295580	25.0	26.8	
101 Bromobenzene	156	9.101	9.101	0.000	92	330878	25.0	29.3	
97 1,1,2,2-Tetrachloroethane	83	9.193	9.193	0.000	63	345456	25.0	26.0	
99 N-Propylbenzene	91	9.205	9.205	0.000	98	1487094	25.0	26.7	
100 1,2,3-Trichloropropane	110	9.217	9.217	0.000	59	117587	25.0	24.7	
98 trans-1,4-Dichloro-2-butene	53	9.241	9.247	-0.006	45	94442	25.0	22.7	
103 2-Chlorotoluene	126	9.302	9.302	0.000	96	315462	25.0	27.3	
102 1,3,5-Trimethylbenzene	105	9.400	9.400	0.001	93	1108485	25.0	26.3	
105 4-Chlorotoluene	126	9.424	9.430	-0.006	98	320377	25.0	29.5	
106 tert-Butylbenzene	134	9.734	9.734	0.000	85	247492	25.0	28.5	
107 1,2,4-Trimethylbenzene	105	9.795	9.789	0.006	79	1148667	25.0	26.0	
109 sec-Butylbenzene	105	9.953	9.953	0.000	94	1337963	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
111 1,3-Dichlorobenzene	146	10.081	10.081	0.000	97	638220	25.0	28.0	
110 4-Isopropyltoluene	119	10.105	10.105	0.000	95	1202162	25.0	25.7	
113 1,4-Dichlorobenzene	146	10.178	10.178	0.000	95	650743	25.0	27.8	
115 n-Butylbenzene	91	10.507	10.507	0.000	94	986397	25.0	24.1	
116 1,2-Dichlorobenzene	146	10.537	10.537	0.000	96	626467	25.0	25.7	
117 1,2-Dibromo-3-Chloropropane	75	11.292	11.292	0.001	81	73607	25.0	21.3	
119 1,2,4-Trichlorobenzene	180	11.973	11.973	0.000	93	412199	25.0	20.6	
120 Hexachlorobutadiene	225	12.088	12.095	-0.007	95	179480	25.0	23.4	
121 Naphthalene	128	12.180	12.186	-0.006	97	1295270	25.0	20.6	
122 1,2,3-Trichlorobenzene	180	12.387	12.387	0.000	95	396840	25.0	20.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00256	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
S_8260_IS_00390	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00480	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 19-Jun-2024 12:48:08 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9875.d

Injection Date: 19-Jun-2024 12:17:30 Instrument ID: HP5973S Operator ID: ZN

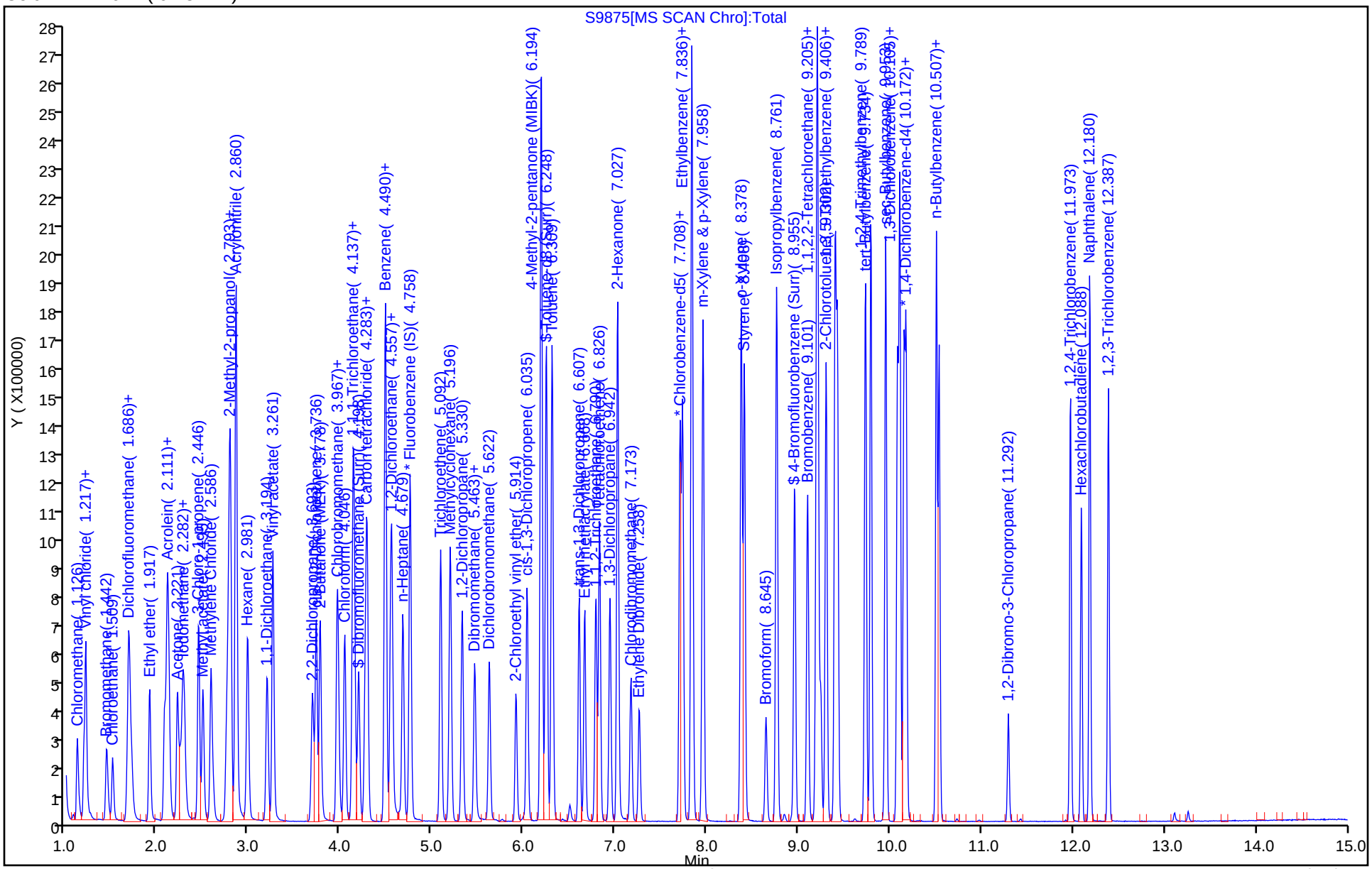
Lims ID: LCS Worklist Smp#: 6

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)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S9875.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-Jun-2024 12:17:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118654-006
Operator ID: ZN Instrument ID: HP5973S

Method: \\chromfs\Buffalo\ChromData\HP5973S\20240619-118654.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 12:48:07 Calib Date: 07-May-2024 00:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20240506-117811.b\S8321.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: QR3Z Date: 19-Jun-2024 12:48:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 154 Dibromofluoromethane (Surr)	25.0	25.7	102.97
$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.9	107.74
$ 5 Toluene-d8 (Surr)	25.0	27.3	109.19
$ 6 4-Bromofluorobenzene (Surr)	25.0	28.2	112.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 480-716047/6
Matrix: Water
Lab File ID: L6693.D
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 12:39
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	25.6		1.0	0.41
108-88-3	Toluene	22.8		1.0	0.51
100-41-4	Ethylbenzene	23.3		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	23.2		2.0	0.66
95-47-6	o-Xylene	22.6		1.0	0.76
1330-20-7	Xylenes, Total	45.8		2.0	0.66
STL00431	Total BTEX	118		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)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6693.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-Jun-2024 12:39:18 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118655-006
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 11:00:12 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: MHM2 Date: 19-Jun-2024 13:04:13

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	5.667	5.670	-0.003	100	134625	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	84	594624	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	303829	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.120	5.124	-0.007	92	183539	25.0	26.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.422	-0.003	96	194731	25.0	26.0	
$ 6 Toluene-d8 (Surr)	98	7.088	7.091	-0.003	92	735956	25.0	24.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.785	-0.001	99	221767	25.0	23.8	
10 Dichlorodifluoromethane	85	1.741	1.741	0.000	99	169850	25.0	25.8	
13 Chloromethane	50	1.982	1.975	0.007	99	197991	25.0	26.9	
14 Vinyl chloride	62	2.075	2.072	0.003	97	170103	25.0	25.1	
15 Butadiene	54	2.085	2.087	-0.003	91	182488	25.0	28.2	
18 Bromomethane	94	2.438	2.435	0.003	91	125103	25.0	26.1	
19 Chloroethane	64	2.499	2.496	0.003	99	112528	25.0	29.6	
20 Dichlorofluoromethane	67	2.712	2.712	0.000	96	306345	25.0	26.9	
21 Trichlorofluoromethane	101	2.715	2.715	0.000	92	242510	25.0	28.3	
26 Ethyl ether	59	2.950	2.950	0.000	90	169705	25.0	23.9	
28 Acrolein	56	3.130	3.126	0.004	100	96656	125.0	88.2	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.175	3.175	0.000	93	156804	25.0	24.2	
30 1,1-Dichloroethene	96	3.197	3.191	0.006	96	165046	25.0	24.8	
31 Acetone	43	3.268	3.268	0.000	99	554726	125.0	122.1	
33 Iodomethane	142	3.371	3.368	0.003	97	300084	25.0	24.6	
35 Carbon disulfide	76	3.409	3.409	0.000	99	438603	25.0	21.1	
37 3-Chloro-1-propene	41	3.503	3.503	0.000	93	236923	25.0	22.9	
38 Methyl acetate	43	3.525	3.525	0.000	97	467596	50.0	47.3	
39 Methylene Chloride	84	3.631	3.631	0.000	88	211669	25.0	24.9	
40 2-Methyl-2-propanol	59	3.750	3.747	0.003	98	413899	250.0	233.9	
41 Methyl tert-butyl ether	73	3.811	3.808	0.003	95	577048	25.0	23.9	
42 trans-1,2-Dichloroethene	96	3.837	3.834	0.003	95	206899	25.0	25.7	
44 Acrylonitrile	53	3.879	3.879	0.000	99	1222766	250.0	233.1	
47 Hexane	57	3.995	3.995	0.000	89	245583	25.0	25.1	
50 1,1-Dichloroethane	63	4.210	4.210	0.000	96	324877	25.0	26.0	

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	4.226	4.226	0.000	97	911393	50.0	50.1	
56 2,2-Dichloropropane	77	4.683	4.683	0.000	85	163345	25.0	23.9	
58 cis-1,2-Dichloroethene	96	4.705	4.708	-0.003	77	226977	25.0	25.3	
57 2-Butanone (MEK)	43	4.718	4.718	0.000	99	872707	125.0	115.0	
60 Chlorobromomethane	128	4.927	4.927	0.000	88	115463	25.0	25.5	
61 Tetrahydrofuran	42	4.946	4.943	0.003	87	226249	50.0	45.3	
62 Chloroform	83	4.975	4.975	0.000	92	330028	25.0	24.0	
64 1,1,1-Trichloroethane	97	5.104	5.107	-0.003	98	243633	25.0	24.9	
65 Cyclohexane	56	5.120	5.120	0.000	90	281571	25.0	24.8	
66 Carbon tetrachloride	117	5.236	5.236	0.000	96	197672	25.0	23.8	
67 1,1-Dichloropropene	75	5.239	5.239	0.000	99	257358	25.0	26.1	
69 Isobutyl alcohol	43	5.364	5.364	0.000	96	539092	625.0	650.9	
70 Benzene	78	5.432	5.432	0.000	96	803122	25.0	25.6	
72 1,2-Dichloroethane	62	5.487	5.483	0.004	97	245854	25.0	24.7	
73 n-Heptane	43	5.548	5.544	0.004	90	226757	25.0	22.5	
75 Trichloroethene	95	5.985	5.985	0.000	97	202946	25.0	26.2	
76 Methylcyclohexane	83	6.107	6.107	0.000	86	314050	25.0	25.2	
77 1,2-Dichloropropane	63	6.213	6.216	-0.003	98	187044	25.0	24.6	
81 1,4-Dioxane	88	6.335	6.332	0.003	91	80548	500.0	469.1	
82 Dibromomethane	93	6.351	6.351	0.000	96	132251	25.0	24.2	
83 Dichlorobromomethane	83	6.474	6.474	0.000	99	208592	25.0	22.5	
84 2-Chloroethyl vinyl ether	63	6.708	6.705	0.003	91	153254	25.0	24.5	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	98	285545	25.0	24.1	
87 4-Methyl-2-pentanone (MIBK)	43	6.982	6.981	0.000	95	1531957	125.0	105.6	
88 Toluene	92	7.152	7.152	0.000	98	504091	25.0	22.8	
91 trans-1,3-Dichloropropene	75	7.400	7.399	0.000	96	246291	25.0	21.4	
90 Ethyl methacrylate	69	7.409	7.409	0.000	92	301474	25.0	22.1	
93 1,1,2-Trichloroethane	83	7.596	7.592	0.004	90	161263	25.0	22.3	
94 Tetrachloroethene	166	7.673	7.673	0.000	98	208363	25.0	24.6	
95 1,3-Dichloropropane	76	7.760	7.760	0.000	93	331629	25.0	22.6	
96 2-Hexanone	43	7.789	7.789	0.000	95	1147997	125.0	103.2	
98 Chlorodibromomethane	129	7.998	7.998	0.000	90	157186	25.0	19.5	
101 Ethylene Dibromide	107	8.120	8.120	0.000	99	207252	25.0	22.1	
103 Chlorobenzene	112	8.573	8.573	0.000	97	557688	25.0	22.7	
104 Ethylbenzene	91	8.644	8.644	0.000	98	910034	25.0	23.3	
105 1,1,1,2-Tetrachloroethane	131	8.660	8.657	0.003	97	169151	25.0	21.8	
106 m-Xylene & p-Xylene	106	8.760	8.760	0.000	98	365104	25.0	23.2	
107 o-Xylene	106	9.191	9.190	0.000	96	362372	25.0	22.6	
109 Styrene	104	9.216	9.216	0.000	96	578041	25.0	22.5	
110 Bromoform	173	9.490	9.489	0.000	96	95248	25.0	15.9	
111 Isopropylbenzene	105	9.564	9.563	0.000	95	907822	25.0	24.3	
113 Bromobenzene	156	9.959	9.956	0.003	91	228393	25.0	22.6	
112 1,1,2,2-Tetrachloroethane	83	9.975	9.972	0.003	93	307420	25.0	22.2	
114 N-Propylbenzene	91	10.007	10.007	0.000	99	1073219	25.0	23.9	
115 trans-1,4-Dichloro-2-butene	53	10.023	10.023	0.000	70	48156	25.0	15.0	
116 1,2,3-Trichloropropane	110	10.023	10.023	0.000	87	99367	25.0	22.3	
117 2-Chlorotoluene	126	10.139	10.136	0.003	97	219531	25.0	23.3	
118 1,3,5-Trimethylbenzene	105	10.184	10.184	0.000	94	765243	25.0	24.1	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	632333	25.0	22.6	
120 tert-Butylbenzene	134	10.519	10.515	0.004	91	177379	25.0	23.5	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	788812	25.0	23.7	
122 sec-Butylbenzene	105	10.731	10.731	0.000	93	1007597	25.0	24.5	

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	10.863	10.862	0.000	97	850558	25.0	24.5	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	430012	25.0	22.3	
126 1,4-Dichlorobenzene	146	10.975	10.972	0.003	96	439969	25.0	22.2	
127 n-Butylbenzene	91	11.248	11.248	0.000	98	775695	25.0	24.1	
128 1,2-Dichlorobenzene	146	11.329	11.325	0.003	98	433024	25.0	22.4	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.030	0.000	87	53330	25.0	19.7	
130 1,2,4-Trichlorobenzene	180	12.660	12.657	0.003	94	311997	25.0	21.7	
131 Hexachlorobutadiene	225	12.747	12.747	0.000	98	121253	25.0	21.5	
132 Naphthalene	128	12.869	12.869	0.000	97	1054845	25.0	21.1	
133 1,2,3-Trichlorobenzene	180	13.065	13.062	0.003	96	305281	25.0	21.5	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 19-Jun-2024 13:04:14 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6693.D

Injection Date: 19-Jun-2024 12:39:18 Instrument ID: HP5977L

Lims ID: LCS

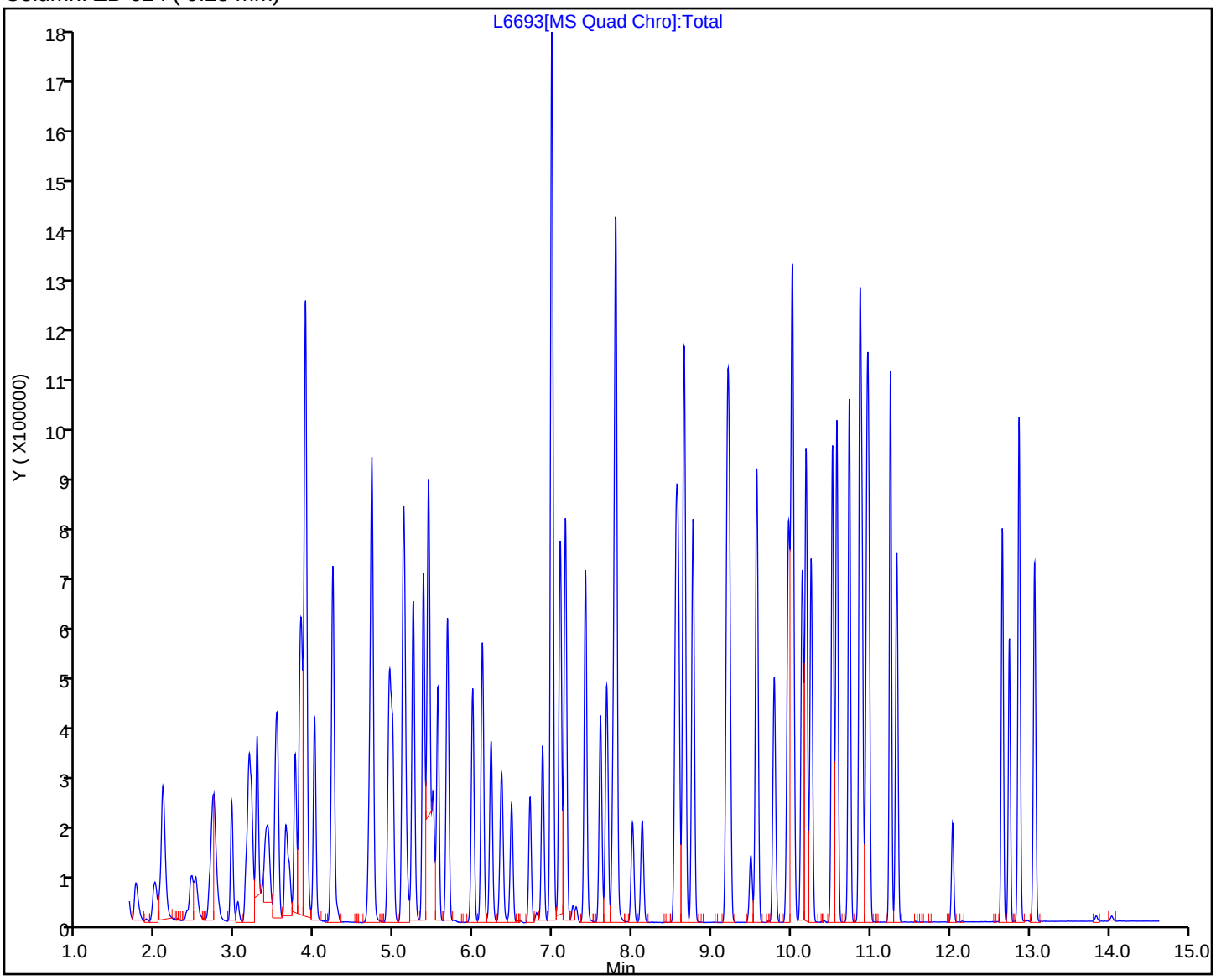
Client ID:

Operator ID: RS 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\20240619-118655.b\L6693.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-Jun-2024 12:39:18 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118655-006
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-Jun-2024 11:00:12 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: MHM2 Date: 19-Jun-2024 13:04:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	26.1	104.46
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	26.0	104.09
$ 6 Toluene-d8 (Surr)	25.0	24.1	96.41
$ 7 4-Bromofluorobenzene (Surr)	25.0	23.8	95.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 480-716220/6
Matrix: Water
Lab File ID: L6744.D
Analysis Method: 8260C
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 06/20/2024 12:21
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.: 716220
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	25.0		1.0	0.41
108-88-3	Toluene	22.2		1.0	0.51
100-41-4	Ethylbenzene	22.6		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	23.1		2.0	0.66
95-47-6	o-Xylene	22.2		1.0	0.76
1330-20-7	Xylenes, Total	45.3		2.0	0.66
STL00431	Total BTEX	115		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)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6744.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2024 12:21:19 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118684-006
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 21-Jun-2024 09:38:42 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1624

First Level Reviewer: MHM2 Date: 21-Jun-2024 09:41:07

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	5.667	5.670	-0.003	99	136330	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	87	611641	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.949	10.953	-0.004	95	321816	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.123	0.000	95	183211	25.0	25.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.422	-0.003	93	195756	25.0	25.8	
$ 6 Toluene-d8 (Surr)	98	7.088	7.091	-0.003	92	751126	25.0	23.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.782	9.786	-0.004	99	236501	25.0	24.7	
10 Dichlorodifluoromethane	85	1.744	1.737	0.007	99	204804	25.0	30.7	
9 Chlorodifluoromethane	51	1.773	1.770	0.003	98	133525	25.2	18.5	
13 Chloromethane	50	1.975	1.972	0.003	99	218681	25.0	29.3	
14 Vinyl chloride	62	2.072	2.069	0.003	98	178711	25.0	26.1	
15 Butadiene	54	2.085	2.081	0.004	95	181003	25.0	27.7	
18 Bromomethane	94	2.435	2.435	0.000	91	124894	25.0	25.8	
19 Chloroethane	64	2.496	2.493	0.003	100	110309	25.0	28.6	
20 Dichlorofluoromethane	67	2.708	2.702	0.006	96	300871	25.0	26.1	
21 Trichlorofluoromethane	101	2.715	2.715	0.000	74	235821	25.0	27.2	
26 Ethyl ether	59	2.950	2.950	0.000	90	165517	25.0	23.0	
11 Ethanol	45	2.953	2.956	-0.003	97	227932	1008.0	3098.1	
12 Propene oxide	58	3.046	3.046	-0.003	0	325218	NC	NC	a
28 Acrolein	56	3.130	3.130	0.000	99	105590	125.0	95.1	
29 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.171	3.162	0.009	89	147452	25.0	22.5	
30 1,1-Dichloroethene	96	3.175	3.171	0.004	96	169282	25.0	25.1	
31 Acetone	43	3.271	3.268	0.003	99	567250	125.0	123.3	
33 Iodomethane	142	3.368	3.361	0.007	99	300612	25.0	24.3	
35 Carbon disulfide	76	3.406	3.403	0.003	99	429181	25.0	20.4	
16 Isopropyl alcohol	45	3.416	3.413	0.003	98	226862	252.0	283.4	
37 3-Chloro-1-propene	41	3.503	3.503	0.000	90	230552	25.0	22.0	
38 Methyl acetate	43	3.525	3.525	0.000	97	482164	50.0	48.1	
17 Acetonitrile	40	3.554	3.554	-0.003	98	210700	252.0	219.4	a
39 Methylene Chloride	84	3.631	3.631	0.000	90	215567	25.0	25.1	
40 2-Methyl-2-propanol	59	3.750	3.747	0.003	98	398516	250.0	222.4	

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	3.811	3.808	0.003	93	581425	25.0	23.8	
42 trans-1,2-Dichloroethene	96	3.834	3.837	-0.003	95	207314	25.0	25.4	
44 Acrylonitrile	53	3.879	3.879	0.000	99	1206284	250.0	227.1	
47 Hexane	57	3.991	3.995	-0.004	89	225060	25.0	22.7	
22 Isopropyl ether	45	4.187	4.187	-0.004	89	595935	25.2	24.6	a
23 Halothane	117	4.197	4.201	-0.004	95	130926	25.2	23.4	
50 1,1-Dichloroethane	63	4.210	4.210	0.000	95	335751	25.0	26.5	
49 Vinyl acetate	43	4.226	4.226	0.000	97	1352630	50.0	73.4	
24 2-Chloro-1,3-butadiene	53	4.261	4.268	-0.007	87	260435	25.2	25.5	
25 1,1-Dimethoxyethane	75	4.265	4.268	-0.003	92	258076	126.0	130.6	
27 Tert-butyl ethyl ether	59	4.493	4.493	0.000	96	551787	25.2	23.9	
56 2,2-Dichloropropane	77	4.683	4.683	0.000	86	166706	25.0	24.1	
58 cis-1,2-Dichloroethene	96	4.705	4.705	0.000	82	229713	25.0	25.3	
57 2-Butanone (MEK)	43	4.721	4.721	0.003	98	1455463	125.0	189.4	a
32 Ethyl acetate	43	4.721	4.731	-0.010	97	1455135	50.4	113.8	
34 Propionitrile	54	4.821	4.824	-0.003	99	521569	252.0	230.0	
60 Chlorobromomethane	128	4.924	4.924	0.000	89	115171	25.0	25.1	
36 Methacrylonitrile	41	4.921	4.924	-0.003	90	1814186	252.0	241.3	
61 Tetrahydrofuran	42	4.943	4.943	0.000	87	283682	50.0	56.1	
62 Chloroform	83	4.975	4.975	0.000	74	324460	25.0	23.3	
64 1,1,1-Trichloroethane	97	5.104	5.107	-0.003	98	242876	25.0	24.5	
65 Cyclohexane	56	5.120	5.123	-0.003	89	268655	25.0	23.3	
66 Carbon tetrachloride	117	5.232	5.236	-0.004	97	201499	25.0	23.9	
67 1,1-Dichloropropene	75	5.236	5.236	0.000	97	253949	25.0	25.4	
69 Isobutyl alcohol	43	5.364	5.364	0.000	96	559422	625.0	667.0	
43 Isooctane	57	5.396	5.396	-0.007	91	581226	25.2	22.9	a
70 Benzene	78	5.432	5.432	0.000	96	795480	25.0	25.0	
45 t-Amyl alcohol	59	5.432	5.435	-0.003	92	383615	252.0	220.5	
46 Tert-amyl methyl ether	73	5.464	5.467	-0.003	98	824157	25.2	23.5	
72 1,2-Dichloroethane	62	5.486	5.483	0.003	96	241668	25.0	24.0	
73 n-Heptane	43	5.544	5.544	0.000	89	207465	25.0	20.3	
48 1,4-Difluorobenzene	114	5.747	5.750	-0.003	93	623224	25.2	25.1	
51 2,4,4-Trimethyl-1-pentene	55	5.859	5.863	-0.004	97	97927	NC	NC	
52 n-Butanol	56	5.937	5.937	0.000	85	317088	630.0	560.4	
75 Trichloroethene	95	5.985	5.982	0.003	96	209387	25.0	26.7	
53 Ethyl acrylate	55	6.056	6.056	0.000	98	627448	25.2	24.1	
54 2,4,4-Trimethyl-2-pentene	97	6.062	6.065	-0.003	92	342621	NC	NC	
76 Methylcyclohexane	83	6.107	6.107	0.003	81	297997	25.0	23.6	a
77 1,2-Dichloropropane	63	6.216	6.216	0.000	95	192593	25.0	25.0	
55 Methyl methacrylate	41	6.255	6.258	-0.003	88	498608	50.4	53.0	
81 1,4-Dioxane	88	6.332	6.334	0.000	89	80129	500.0	453.7	
82 Dibromomethane	93	6.351	6.351	0.000	96	133514	25.0	24.1	
83 Dichlorobromomethane	83	6.477	6.474	0.003	100	210337	25.0	22.4	
84 2-Chloroethyl vinyl ether	63	6.705	6.705	0.000	83	156525	25.0	24.7	a
59 2-Nitropropane	43	6.705	6.708	-0.003	79	198122	50.4	64.1	
63 Epichlorohydrin	57	6.818	6.821	-0.003	99	359842	252.0	230.7	
85 cis-1,3-Dichloropropene	75	6.866	6.866	0.000	97	309441	25.0	25.7	
87 4-Methyl-2-pentanone (MIBK)	43	6.978	6.984	-0.004	95	1513948	125.0	101.4	
88 Toluene	92	7.152	7.155	0.000	98	504798	25.0	22.2	
91 trans-1,3-Dichloropropene	75	7.400	7.405	-0.003	94	255982	25.0	21.6	
90 Ethyl methacrylate	69	7.409	7.412	0.000	87	307658	25.0	21.9	
93 1,1,2-Trichloroethane	83	7.593	7.598	-0.003	90	162509	25.0	21.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
94 Tetrachloroethene	166	7.673	7.676	0.000	98	217735	25.0	25.0	
95 1,3-Dichloropropane	76	7.757	7.762	-0.003	87	333939	25.0	22.1	
96 2-Hexanone	43	7.785	7.788	0.000	95	1142622	125.0	99.8	
74 n-Butyl acetate	43	7.869	7.872	-0.003	98	408140	25.2	21.6	
98 Chlorodibromomethane	129	7.998	8.000	0.000	89	165904	25.0	20.0	
101 Ethylene Dibromide	107	8.120	8.123	0.000	99	211213	25.0	21.9	
78 1-Chlorohexane	55	8.483	8.483	0.000	94	158414	25.2	22.8	
79 3-Chlorobenzotrifluoride	180	8.490	8.493	-0.003	93	288550	25.2	24.5	
80 4-Chlorobenzotrifluoride	180	8.551	8.554	-0.003	95	265986	25.2	23.2	
103 Chlorobenzene	112	8.573	8.579	-0.003	97	557711	25.0	22.1	
104 Ethylbenzene	91	8.644	8.647	0.000	98	909231	25.0	22.6	
105 1,1,1,2-Tetrachloroethane	131	8.657	8.660	0.000	96	173433	25.0	21.7	
106 m-Xylene & p-Xylene	106	8.760	8.766	-0.003	97	374445	25.0	23.1	
107 o-Xylene	106	9.191	9.194	0.000	95	365573	25.0	22.2	
109 Styrene	104	9.216	9.220	0.000	95	586529	25.0	22.2	
86 2-Chlorobenzotrifluoride	180	9.480	9.480	0.000	98	282087	25.2	22.7	
110 Bromoform	173	9.486	9.493	-0.004	96	104363	25.0	17.0	
111 Isopropylbenzene	105	9.564	9.563	0.000	95	918329	25.0	23.2	
89 Cyclohexanone	55	9.773	9.770	0.003	90	133371	252.0	193.5	
113 Bromobenzene	156	9.956	9.956	0.000	91	228495	25.0	21.3	
112 1,1,2,2-Tetrachloroethane	83	9.972	9.972	0.000	95	305150	25.0	20.8	
114 N-Propylbenzene	91	10.007	10.007	0.000	99	1082175	25.0	22.7	
115 trans-1,4-Dichloro-2-butene	53	10.020	10.020	0.000	71	58442	25.0	17.2	
116 1,2,3-Trichloropropane	110	10.020	10.023	-0.003	86	100803	25.0	21.4	
117 2-Chlorotoluene	126	10.136	10.139	-0.003	98	225452	25.0	22.6	
118 1,3,5-Trimethylbenzene	105	10.184	10.184	0.000	97	762585	25.0	22.7	
92 3-Chlorotoluene	126	10.200	10.200	0.000	97	239982	25.2	22.6	
119 4-Chlorotoluene	91	10.248	10.248	0.000	97	632802	25.0	21.3	
120 tert-Butylbenzene	134	10.519	10.518	-0.001	92	178582	25.0	22.3	
121 1,2,4-Trimethylbenzene	105	10.573	10.573	0.000	96	791447	25.0	22.5	
97 Pentachloroethane	167	10.592	10.596	-0.004	0	110466	25.2	25.4	
122 sec-Butylbenzene	105	10.728	10.731	-0.003	93	1016969	25.0	23.3	
123 4-Isopropyltoluene	119	10.863	10.862	0.000	97	853633	25.0	23.2	
124 1,3-Dichlorobenzene	146	10.888	10.888	0.000	98	440187	25.0	21.6	
99 Dicyclopentadiene	66	10.956	10.959	-0.003	96	941301	25.2	21.5	
126 1,4-Dichlorobenzene	146	10.972	10.972	0.000	94	438189	25.0	20.9	
100 1,2,3-Trimethylbenzene	105	10.988	10.991	-0.003	98	818001	25.2	21.5	
102 Benzyl chloride	126	11.113	11.114	-0.001	98	85165	25.2	18.7	
127 n-Butylbenzene	91	11.248	11.248	0.000	98	797731	25.0	23.4	
128 1,2-Dichlorobenzene	146	11.329	11.329	0.000	98	436772	25.0	21.4	
129 1,2-Dibromo-3-Chloropropane	75	12.030	12.029	0.000	89	55834	25.0	19.5	
108 1,3,5-Trichlorobenzene	180	12.149	12.149	0.000	98	330750	25.2	21.1	
130 1,2,4-Trichlorobenzene	180	12.657	12.656	0.000	94	317661	25.0	20.8	
131 Hexachlorobutadiene	225	12.747	12.746	0.000	98	125748	25.0	21.1	
132 Naphthalene	128	12.869	12.869	0.000	96	1079082	25.0	20.4	
133 1,2,3-Trichlorobenzene	180	13.062	13.065	-0.003	96	310749	25.0	20.7	
125 2-Methylnaphthalene	142	13.840	13.840	0.000	94	618523	25.2	20.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

8260 CORP mix_00254	Amount Added:	12.50	Units: uL	
GAS CORP mix_00624	Amount Added:	12.50	Units: uL	
3_MCP_Add_WRK_00443	Amount Added:	12.60	Units: uL	
ADD CORP mix_00147	Amount Added:	12.60	Units: uL	
L_8260_IS_00056	Amount Added:	2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added:	2.00	Units: uL	Run Reagent

Report Date: 21-Jun-2024 09:41:08 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L6744.D

Injection Date: 20-Jun-2024 12:21:19 Instrument ID: HP5977L

Lims ID: LCS

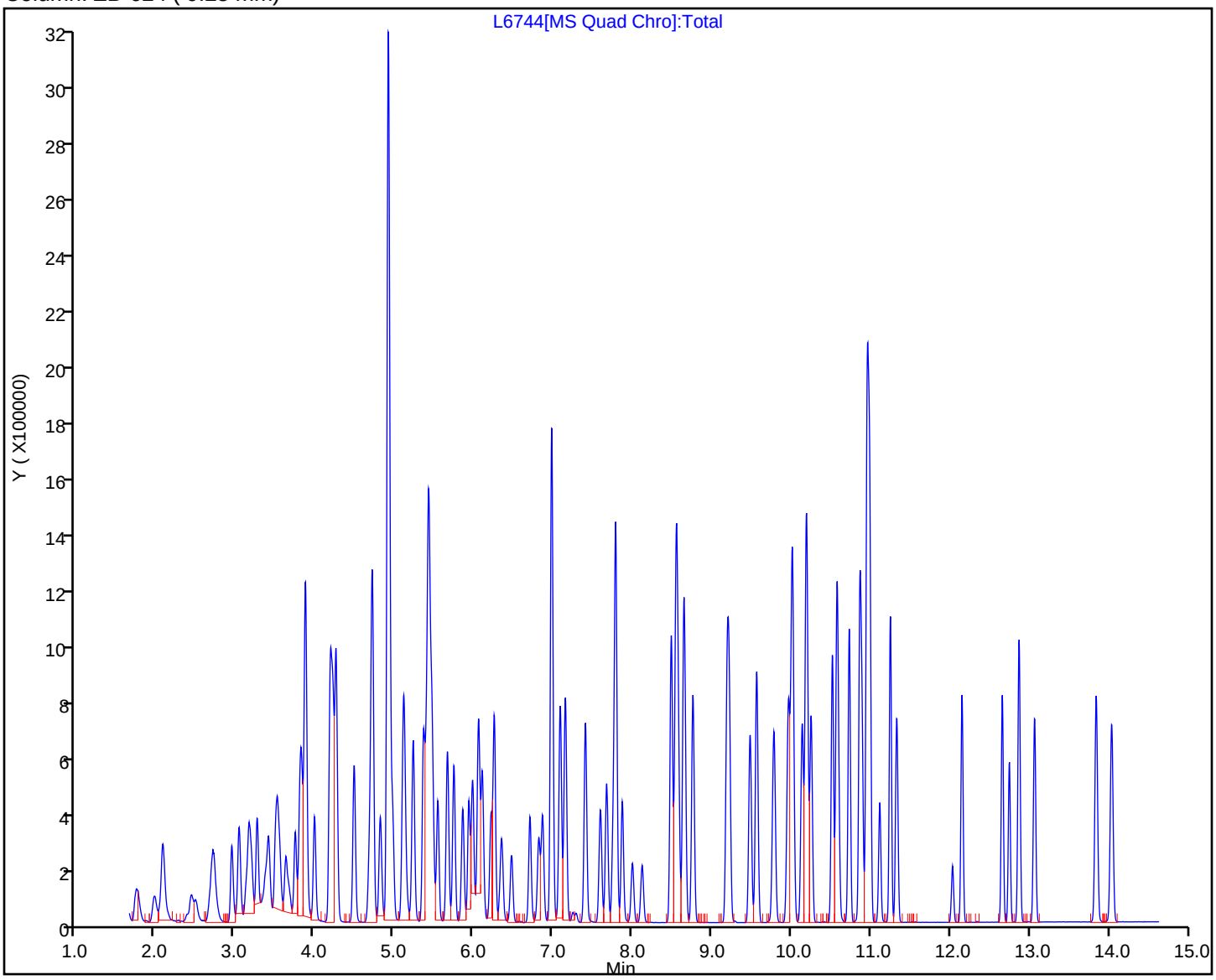
Client ID:

Operator ID: RS 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\20240620-118684.b\L6744.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2024 12:21:19 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0118684-006
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240620-118684.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 21-Jun-2024 09:38:42 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1624

First Level Reviewer: MHM2 Date: 21-Jun-2024 09:41:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	25.7	102.97
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.33
$ 6 Toluene-d8 (Surr)	25.0	23.9	95.66
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.7	98.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617 MS MS
Lab Sample ID: 480-220956-2 MS
Matrix: Water
Lab File ID: L6711.D
Analysis Method: 8260C
Date Collected: 06/17/2024 13:10
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 20:07
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	27.8		1.0	0.41
108-88-3	Toluene	24.3		1.0	0.51
100-41-4	Ethylbenzene	25.0		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	25.0		2.0	0.66
95-47-6	o-Xylene	24.2		1.0	0.76
1330-20-7	Xylenes, Total	49.2		2.0	0.66
STL00431	Total BTEX	126		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)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6711.D				
Lims ID:	480-220956-D-2 MS				
Client ID:	MW-C12_20240617 MS				
Sample Type:	MS				
Inject. Date:	19-Jun-2024 20:07:09	ALS Bottle#:	0	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-2 MS				
Misc. Info.:	480-0118655-042				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:29:05

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	5.670	5.670	0.000	99	129876	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.548	8.544	0.004	84	580843	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	305066	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.123	5.127	-0.004	95	177214	25.0	26.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.422	5.422	0.000	97	184368	25.0	25.5	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	92	717198	25.0	24.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.789	-0.001	99	219650	25.0	24.1	
70 Benzene	78	5.435	5.432	0.003	96	841940	25.0	27.8	
88 Toluene	92	7.155	7.155	0.003	98	526253	25.0	24.3	
104 Ethylbenzene	91	8.647	8.647	0.003	98	955169	25.0	25.0	
106 m-Xylene & p-Xylene	106	8.763	8.763	0.003	98	384166	25.0	25.0	
107 o-Xylene	106	9.194	9.194	0.003	95	379422	25.0	24.2	
S 143 Xylenes, Total	1				0			49.2	
S 142 Total BTEX	1				0			126.4	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:29:05 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6711.D

Injection Date: 19-Jun-2024 20:07:09 Instrument ID: HP5977L

Lims ID: 480-220956-D-2 MS

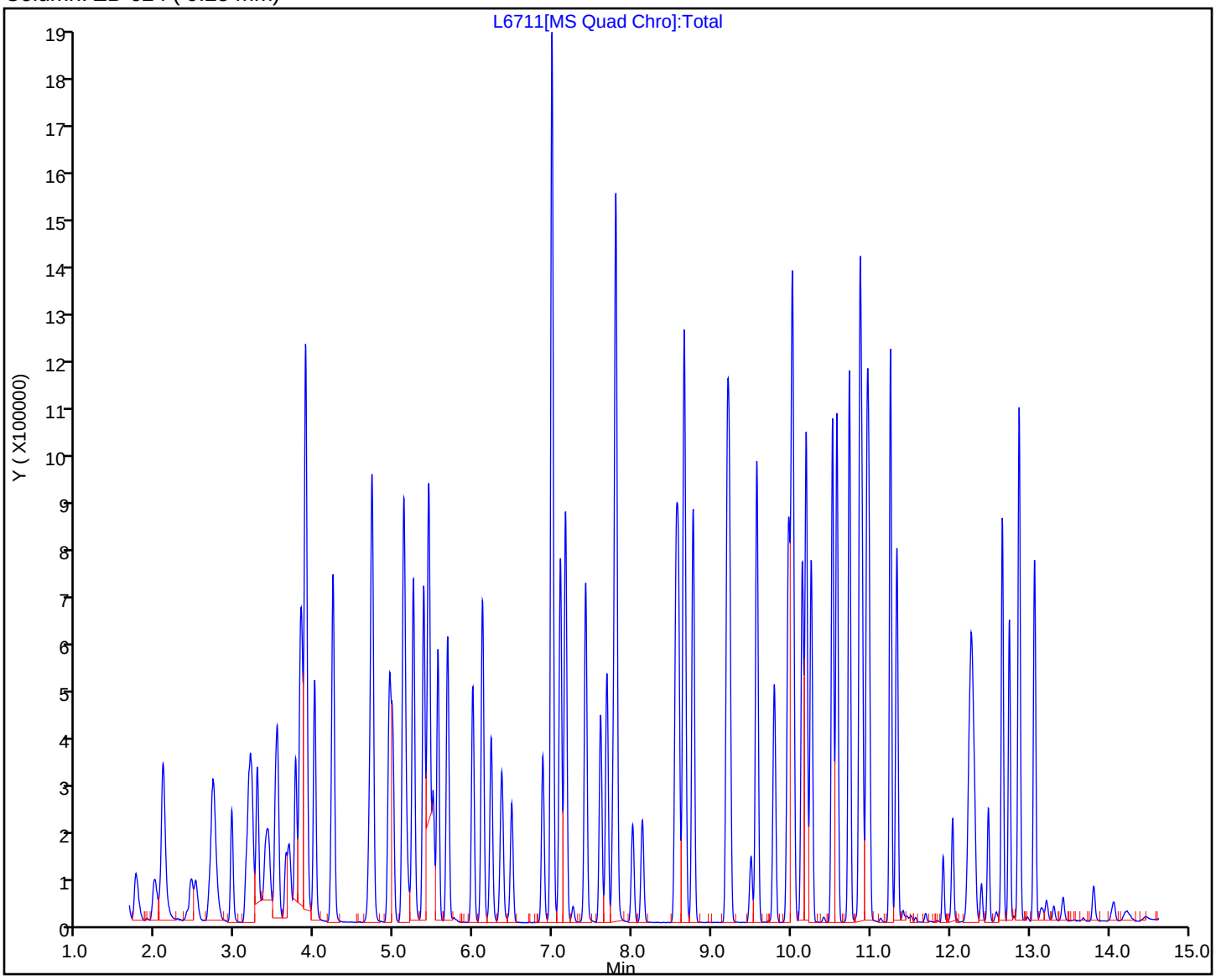
Client ID: MW-C12_20240617 MS

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 42

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\20240619-118655.b\L6711.D
Lims ID: 480-220956-D-2 MS
Client ID: MW-C12_20240617 MS
Sample Type: MS
Inject. Date: 19-Jun-2024 20:07:09 ALS Bottle#: 0 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-2 MS
Misc. Info.: 480-0118655-042
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:29:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	26.1	104.55
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.5	102.16
$ 6 Toluene-d8 (Surr)	25.0	24.0	96.19
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.1	96.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617 MSD MSD
Lab Sample ID: 480-220956-2 MSD
Matrix: Water
Lab File ID: L6712.D
Analysis Method: 8260C
Date Collected: 06/17/2024 13:10
Sample wt/vol: 5(mL)
Date Analyzed: 06/19/2024 20:31
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.: 716047
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	32.2		1.0	0.41
108-88-3	Toluene	28.2		1.0	0.51
100-41-4	Ethylbenzene	28.5		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	28.7		2.0	0.66
95-47-6	o-Xylene	28.0		1.0	0.76
1330-20-7	Xylenes, Total	56.7		2.0	0.66
STL00431	Total BTEX	146		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)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6712.D				
Lims ID:	480-220956-D-2 MSD				
Client ID:	MW-C12_20240617 MSD				
Sample Type:	MSD				
Inject. Date:	19-Jun-2024 20:31:49	ALS Bottle#:	0	Worklist Smp#:	43
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	480-220956-D-2 MSD				
Misc. Info.:	480-0118655-043				
Operator ID:	RS	Instrument ID:	HP5977L		

Method:	\\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m		
Limit Group:	MV - 8260C ICAL		
Last Update:	20-Jun-2024 10:24:53	Calib Date:	22-May-2024 23:48:41
Integrator:	RTE	ID Type:	Deconvolution ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D		

Column 1 :	ZB-624 (0.25 mm)	Det: MS Quad
Process Host:	CTX1684	

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:29:12

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	5.670	5.670	0.000	100	125343	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.544	8.544	0.000	83	564883	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.953	10.953	0.000	94	286474	25.0	25.0	
$ 4 Dibromofluoromethane (Surr)	113	5.120	5.127	-0.007	89	176492	25.0	27.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.419	5.422	-0.003	99	182947	25.0	26.3	
$ 6 Toluene-d8 (Surr)	98	7.091	7.094	0.000	92	724667	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.785	9.789	-0.001	99	225917	25.0	25.5	
70 Benzene	78	5.432	5.432	0.000	95	940496	25.0	32.2	
88 Toluene	92	7.155	7.155	0.003	99	592325	25.0	28.2	
104 Ethylbenzene	91	8.647	8.647	0.003	98	1056157	25.0	28.5	
106 m-Xylene & p-Xylene	106	8.760	8.763	0.000	98	430224	25.0	28.7	
107 o-Xylene	106	9.191	9.194	-0.001	95	425979	25.0	28.0	
S 143 Xylenes, Total	1				0			56.7	
S 142 Total BTEX	1				0			145.5	

QC Flag Legend
Processing Flags

Reagents:

8260 CORP mix_00254	Amount Added: 12.50	Units: uL	
GAS CORP mix_00623	Amount Added: 12.50	Units: uL	
L_8260_IS_00056	Amount Added: 2.00	Units: uL	Run Reagent
L_8260_SURR_00054	Amount Added: 2.00	Units: uL	Run Reagent

Report Date: 20-Jun-2024 10:29:12 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L6712.D

Injection Date: 19-Jun-2024 20:31:49 Instrument ID: HP5977L

Lims ID: 480-220956-D-2 MSD

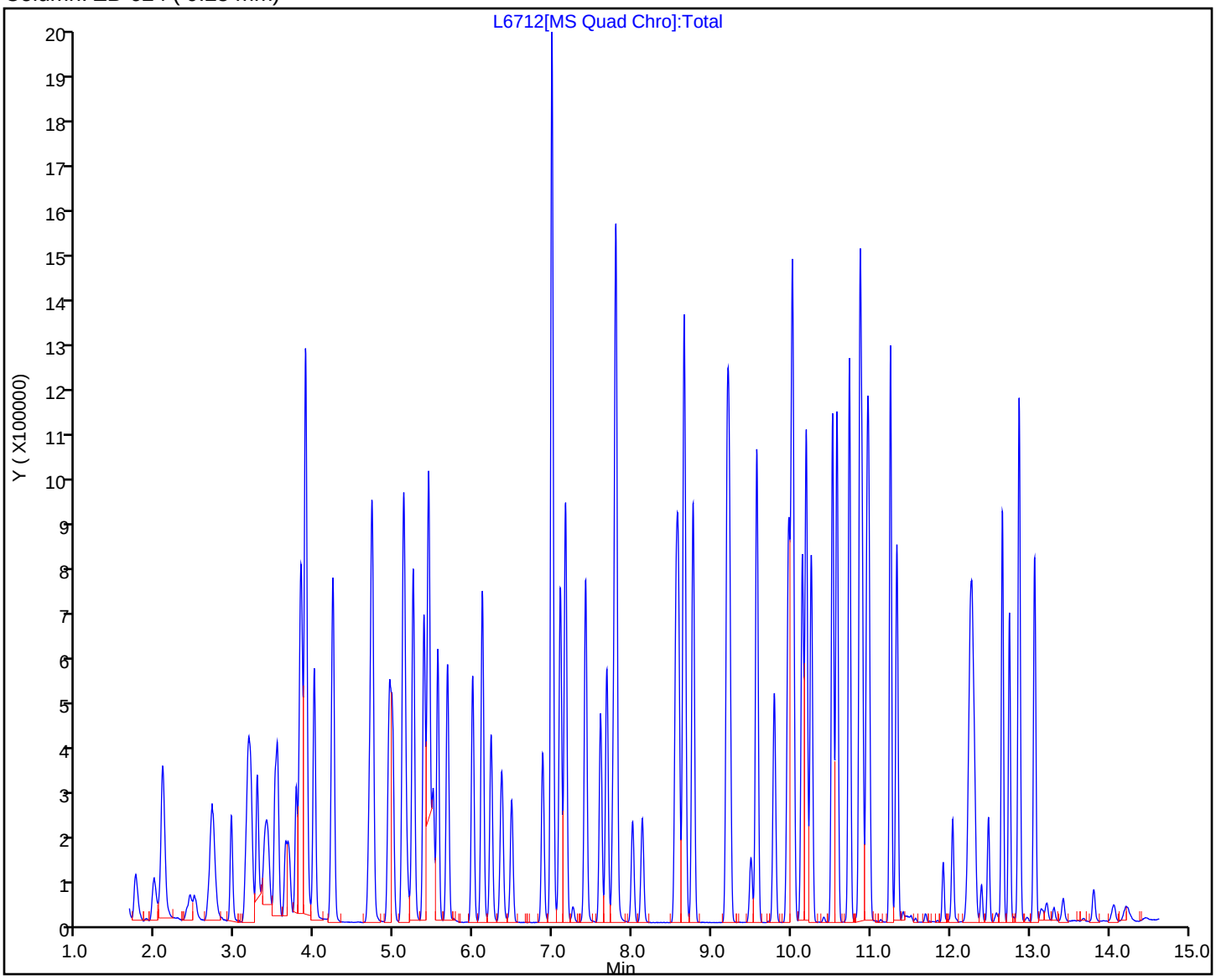
Client ID: MW-C12_20240617 MSD

Operator ID: RS ALS Bottle#: 0 Worklist Smp#: 43

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\20240619-118655.b\L6712.D
Lims ID: 480-220956-D-2 MSD
Client ID: MW-C12_20240617 MSD
Sample Type: MSD
Inject. Date: 19-Jun-2024 20:31:49 ALS Bottle#: 0 Worklist Smp#: 43
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-220956-D-2 MSD
Misc. Info.: 480-0118655-043
Operator ID: RS Instrument ID: HP5977L

Method: \\chromfs\Buffalo\ChromData\HP5977L\20240619-118655.b\L-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2024 10:24:53 Calib Date: 22-May-2024 23:48:41
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5977L\20240522-118173.b\L5842.D

Column 1 : ZB-624 (0.25 mm) Det: MS Quad
Process Host: CTX1684

First Level Reviewer: MHM2 Date: 20-Jun-2024 10:29:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	25.0	27.0	107.89
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	26.3	105.04
$ 6 Toluene-d8 (Surr)	25.0	25.0	99.93
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.5	102.11

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: HP5973S Start Date: 05/06/2024 15:58

Analysis Batch Number: 710810 End Date: 05/07/2024 01:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-710810/11		05/06/2024 15:58	1	S8301.d	ZB-624 (20) 0.18(mm)
IC 480-710810/13		05/06/2024 16:50	1	S8303.d	ZB-624 (20) 0.18(mm)
IC 480-710810/14		05/06/2024 17:13	1	S8304.d	ZB-624 (20) 0.18(mm)
IC 480-710810/15		05/06/2024 17:36	1	S8305.d	ZB-624 (20) 0.18(mm)
IC 480-710810/16		05/06/2024 17:59	1	S8306.d	ZB-624 (20) 0.18(mm)
IC 480-710810/17		05/06/2024 18:22	1	S8307.d	ZB-624 (20) 0.18(mm)
ICIS 480-710810/18		05/06/2024 18:46	1	S8308.d	ZB-624 (20) 0.18(mm)
IC 480-710810/19		05/06/2024 19:09	1	S8309.d	ZB-624 (20) 0.18(mm)
IC 480-710810/20		05/06/2024 19:32	1	S8310.d	ZB-624 (20) 0.18(mm)
ZZZZZ		05/06/2024 20:19	1		ZB-624 (20) 0.18(mm)
ZZZZZ		05/06/2024 20:43	1		ZB-624 (20) 0.18(mm)
IC 480-710810/25		05/06/2024 21:29	1		ZB-624 (20) 0.18(mm)
IC 480-710810/26		05/06/2024 21:57	1		ZB-624 (20) 0.18(mm)
IC 480-710810/27		05/06/2024 22:26	1		ZB-624 (20) 0.18(mm)
IC 480-710810/28		05/06/2024 23:06	1		ZB-624 (20) 0.18(mm)
IC 480-710810/29		05/06/2024 23:30	1		ZB-624 (20) 0.18(mm)
IC 480-710810/30		05/06/2024 23:50	1		ZB-624 (20) 0.18(mm)
IC 480-710810/31		05/07/2024 00:13	1		ZB-624 (20) 0.18(mm)
ZZZZZ		05/07/2024 01:00	1		ZB-624 (20) 0.18(mm)
ICV 480-710810/34		05/07/2024 01:23	1	S8324.d	ZB-624 (20) 0.18(mm)
ICV 480-710810/35		05/07/2024 01:47	1		ZB-624 (20) 0.18(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: HP5973S Start Date: 06/19/2024 10:06

Analysis Batch Number: 716043 End Date: 06/19/2024 21:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-716043/3		06/19/2024 10:06	1	S9872.d	ZB-624 (20) 0.18(mm)
CCVIS 480-716043/4		06/19/2024 11:12	1	S9873.d	ZB-624 (20) 0.18(mm)
CCV 480-716043/5		06/19/2024 11:53	1		ZB-624 (20) 0.18(mm)
LCS 480-716043/6		06/19/2024 12:17	1	S9875.d	ZB-624 (20) 0.18(mm)
RL 480-716043/7		06/19/2024 12:40	1		ZB-624 (20) 0.18(mm)
MB 480-716043/8		06/19/2024 13:03	1	S9877.d	ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 13:45	50		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 14:08	20		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 14:31	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 14:54	10		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 15:17	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 15:41	10		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 16:04	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 16:27	2		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 16:51	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 17:14	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 17:38	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 18:01	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 18:25	1		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 18:48	1		ZB-624 (20) 0.18(mm)
480-220956-1	MW-C11_20240617	06/19/2024 19:12	2	S9892.d	ZB-624 (20) 0.18(mm)
480-220956-3	MW-C16_20240617	06/19/2024 19:35	1	S9893.d	ZB-624 (20) 0.18(mm)
480-220956-4	MW-13S_20240617	06/19/2024 19:58	1	S9894.d	ZB-624 (20) 0.18(mm)
480-220956-5	MW-22S_20240618	06/19/2024 20:22	1	S9895.d	ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 20:45	50		ZB-624 (20) 0.18(mm)
ZZZZZ		06/19/2024 21:08	50		ZB-624 (20) 0.18(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: HP5977L Start Date: 05/22/2024 15:22

Analysis Batch Number: 713009 End Date: 05/23/2024 01:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-713009/11		05/22/2024 15:22	1	L5822.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/13		05/22/2024 16:17	1	L5824.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/14		05/22/2024 16:42	1	L5825.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/15		05/22/2024 17:07	1	L5826.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/16		05/22/2024 17:32	1	L5827.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/17		05/22/2024 17:57	1	L5828.D	ZB-624 (30) VOA 0.25(mm)
ICIS 480-713009/18		05/22/2024 18:22	1	L5829.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/19		05/22/2024 18:47	1	L5830.D	ZB-624 (30) VOA 0.25(mm)
IC 480-713009/20		05/22/2024 19:13	1	L5831.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		05/22/2024 20:02	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		05/22/2024 20:28	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/25		05/22/2024 21:17	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/26		05/22/2024 21:42	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/27		05/22/2024 22:07	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/28		05/22/2024 22:32	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/29		05/22/2024 22:58	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/30		05/22/2024 23:23	1		ZB-624 (30) VOA 0.25(mm)
IC 480-713009/31		05/22/2024 23:48	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		05/23/2024 00:39	1		ZB-624 (30) VOA 0.25(mm)
ICV 480-713009/34		05/23/2024 01:05	1	L5845.D	ZB-624 (30) VOA 0.25(mm)
ICV 480-713009/35		05/23/2024 01:29	1		ZB-624 (30) VOA 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: HP5977L Start Date: 06/19/2024 11:11

Analysis Batch Number: 716047 End Date: 06/19/2024 20:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-716047/3		06/19/2024 11:11	1	L6690.D	ZB-624 (30) VOA 0.25(mm)
CCVIS 480-716047/4		06/19/2024 11:38	1	L6691.D	ZB-624 (30) VOA 0.25(mm)
CCV 480-716047/5		06/19/2024 12:04	1		ZB-624 (30) VOA 0.25(mm)
LCS 480-716047/6		06/19/2024 12:39	1	L6693.D	ZB-624 (30) VOA 0.25(mm)
RL 480-716047/7		06/19/2024 13:04	1		ZB-624 (30) VOA 0.25(mm)
MB 480-716047/8		06/19/2024 13:29	1	L6695.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 14:15	10		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 14:39	10		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 15:04	10		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 15:30	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 15:55	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 16:20	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 16:45	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 17:10	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 17:35	2		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/19/2024 18:00	2		ZB-624 (30) VOA 0.25(mm)
480-220956-8	MW-48S_20240618	06/19/2024 18:25	1	L6707.D	ZB-624 (30) VOA 0.25(mm)
480-220956-9	DUP-1_202406	06/19/2024 18:51	1	L6708.D	ZB-624 (30) VOA 0.25(mm)
480-220956-10	TRIP BLANK-202406	06/19/2024 19:16	1	L6709.D	ZB-624 (30) VOA 0.25(mm)
480-220956-2	MW-C12_20240617	06/19/2024 19:41	1	L6710.D	ZB-624 (30) VOA 0.25(mm)
480-220956-2 MS	MW-C12_20240617 MS MS	06/19/2024 20:07	1	L6711.D	ZB-624 (30) VOA 0.25(mm)
480-220956-2 MSD	MW-C12_20240617 MSD MSD	06/19/2024 20:31	1	L6712.D	ZB-624 (30) VOA 0.25(mm)

8260C

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: HP5977L Start Date: 06/20/2024 10:46

Analysis Batch Number: 716220 End Date: 06/20/2024 21:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-716220/3		06/20/2024 10:46	1	L6741.D	ZB-624 (30) VOA 0.25(mm)
CCVIS 480-716220/4		06/20/2024 11:13	1	L6742.D	ZB-624 (30) VOA 0.25(mm)
CCV 480-716220/5		06/20/2024 11:39	1		ZB-624 (30) VOA 0.25(mm)
LCS 480-716220/6		06/20/2024 12:21	1	L6744.D	ZB-624 (30) VOA 0.25(mm)
RL 480-716220/8		06/20/2024 13:12	1		ZB-624 (30) VOA 0.25(mm)
MB 480-716220/9		06/20/2024 13:37	1	L6747.D	ZB-624 (30) VOA 0.25(mm)
480-220956-6	MW-23S_20240618	06/20/2024 16:03	1	L6752.D	ZB-624 (30) VOA 0.25(mm)
480-220956-7	MW-46S_20240618	06/20/2024 16:28	5	L6753.D	ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 16:54	200		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 17:19	50		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 17:43	100		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 18:08	200		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 18:34	200		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 18:59	100		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 19:24	200		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 19:49	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 20:14	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 20:39	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 21:05	1		ZB-624 (30) VOA 0.25(mm)
ZZZZZ		06/20/2024 21:30	1		ZB-624 (30) VOA 0.25(mm)

8260C

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Batch Number: 710810 Batch Start Date: 05/06/24 15:58 Batch Analyst: Nyhart, Zachary

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	8260 CORP mix 00254	BFB_WRK 00161	GAS CORP mix 00618	S_8260_IS 00388
BFB 480-710810/11		8260C			1 uL	1 uL		1 uL		
IC 480-710810/13		8260C			5 mL	5 mL	0.5 uL		0.5 uL	1 uL
IC 480-710810/14		8260C			5 mL	5 mL	1 uL		1 uL	1 uL
IC 480-710810/15		8260C			5 mL	5 mL	2 uL		2 uL	1 uL
IC 480-710810/16		8260C			5 mL	5 mL	5 uL		5 uL	1 uL
IC 480-710810/17		8260C			5 mL	5 mL	5 uL		5 uL	1 uL
ICIS 480-710810/18		8260C			5 mL	5 mL	12.5 uL		12.5 uL	1 uL
IC 480-710810/19		8260C			5 mL	5 mL	25 uL		25 uL	1 uL
IC 480-710810/20		8260C			5 mL	5 mL	50 uL		50 uL	1 uL
ICV 480-710810/34		8260C			5 mL	5 mL				1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_Surr 00479	SS 7 COMP Gas 00001	SS 8260 CORP 00114			
BFB 480-710810/11		8260C								
IC 480-710810/13		8260C			1 uL					
IC 480-710810/14		8260C			1 uL					
IC 480-710810/15		8260C			1 uL					
IC 480-710810/16		8260C			1 uL					
IC 480-710810/17		8260C			1 uL					
ICIS 480-710810/18		8260C			1 uL					
IC 480-710810/19		8260C			1 uL					
IC 480-710810/20		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.: 480-220956-1

SDG No.:

Batch Number: 710810 Batch Start Date: 05/06/24 15:58 Batch Analyst: Nyhart, Zachary

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_Surr 00479	SS 7 COMP Gas 00001	SS 8260 CORP 00114			
ICV 480-710810/34		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.: 480-220956-1

SDG No.:

Batch Number: 713009 Batch Start Date: 05/22/24 15:22 Batch Analyst: Nyhart, Zachary

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	8260 CORP mix 00255	BFB_WRK 00162	GAS CORP mix 00619	L_8260_IS 00056
BFB 480-713009/11		8260C			1 uL	1 uL		1 uL		
IC 480-713009/13		8260C			5 mL	5 mL	0.4 uL		0.4 uL	2 uL
IC 480-713009/14		8260C			5 mL	5 mL	1 uL		1 uL	2 uL
IC 480-713009/15		8260C			5 mL	5 mL	2 uL		2 uL	2 uL
IC 480-713009/16		8260C			5 mL	5 mL	5 uL		5 uL	2 uL
IC 480-713009/17		8260C			5 mL	5 mL	5 uL		5 uL	2 uL
ICIS 480-713009/18		8260C			5 mL	5 mL	12.5 uL		12.5 uL	2 uL
IC 480-713009/19		8260C			5 mL	5 mL	25 uL		25 uL	2 uL
IC 480-713009/20		8260C			5 mL	5 mL	50 uL		50 uL	2 uL
ICV 480-713009/34		8260C			5 mL	5 mL				2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	L_8260_SURR 00054	SS 7 COMP Gas 00001	SS 8260 CORP 00114			
BFB 480-713009/11		8260C								
IC 480-713009/13		8260C			2 uL					
IC 480-713009/14		8260C			2 uL					
IC 480-713009/15		8260C			2 uL					
IC 480-713009/16		8260C			2 uL					
IC 480-713009/17		8260C			2 uL					
ICIS 480-713009/18		8260C			2 uL					
IC 480-713009/19		8260C			2 uL					
IC 480-713009/20		8260C			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.: 480-220956-1

SDG No.:

Batch Number: 713009 Batch Start Date: 05/22/24 15:22 Batch Analyst: Nyhart, Zachary

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	L_8260_SURR 00054	SS 7 COMP Gas 00001	SS 8260 CORP 00114			
ICV 480-713009/34		8260C			2 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.: 480-220956-1

SDG No.:

Batch Number: 716043 Batch Start Date: 06/19/24 10:06 Batch Analyst: Nyhart, Zachary

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00256	BFB_WRK 00162	GAS CORP mix 00623
BFB 480-716043/3		8260C			1 uL	1 uL			1 uL	
CCVIS 480-716043/4		8260C			5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-716043/6		8260C			5 mL	5 mL		12.5 uL		12.5 uL
MB 480-716043/8		8260C			5 mL	5 mL				
480-220956-D-1	MW-C11_20240617	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-D-3	MW-C16_20240617	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-D-4	MW-13S_20240617	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-D-5	MW-22S_20240618	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_IS 00390	S_8260_Surr 00480	AnalysisComment			
BFB 480-716043/3		8260C								
CCVIS 480-716043/4		8260C			1 uL	1 uL				
LCS 480-716043/6		8260C			1 uL	1 uL				
MB 480-716043/8		8260C			1 uL	1 uL				
480-220956-D-1	MW-C11_20240617	8260C	Water	T	1 uL	1 uL	foam			
480-220956-D-3	MW-C16_20240617	8260C	Water	T	1 uL	1 uL				
480-220956-D-4	MW-13S_20240617	8260C	Water	T	1 uL	1 uL				
480-220956-D-5	MW-22S_20240618	8260C	Water	T	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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Batch Number: 716047 Batch Start Date: 06/19/24 11:11 Batch Analyst: Santillano, Ray

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00254	BFB_WRK 00161	GAS CORP mix 00623
BFB 480-716047/3		8260C			1 uL	1 uL			1 uL	
CCVIS 480-716047/4		8260C			5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-716047/6		8260C			5 mL	5 mL		12.5 uL		12.5 uL
MB 480-716047/8		8260C			5 mL	5 mL				
480-220956-D-2	MW-C12_20240617	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-D-2 MS	MW-C12_20240617 MS	8260C	Water	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-220956-D-2 MSD	MW-C12_20240617 MSD	8260C	Water	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-220956-D-8	MW-48S_20240618	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-D-9	DUP-1_202406	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-A-10	TRIP BLANK-202406	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	L_8260_IS 00056	L_8260_SURR 00054				
BFB 480-716047/3		8260C								
CCVIS 480-716047/4		8260C			2 uL	2 uL				
LCS 480-716047/6		8260C			2 uL	2 uL				
MB 480-716047/8		8260C			2 uL	2 uL				
480-220956-D-2	MW-C12_20240617	8260C	Water	T	2 uL	2 uL				
480-220956-D-2 MS	MW-C12_20240617 MS	8260C	Water	T	2 uL	2 uL				
480-220956-D-2 MSD	MW-C12_20240617 MSD	8260C	Water	T	2 uL	2 uL				
480-220956-D-8	MW-48S_20240618	8260C	Water	T	2 uL	2 uL				
480-220956-D-9	DUP-1_202406	8260C	Water	T	2 uL	2 uL				
480-220956-A-10	TRIP BLANK-202406	8260C	Water	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.: 480-220956-1

SDG No.:

Batch Number: 716047 Batch Start Date: 06/19/24 11:11 Batch Analyst: Santillano, Ray

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.: 480-220956-1

SDG No.:

Batch Number: 716220 Batch Start Date: 06/20/24 10:46 Batch Analyst: Santillano, Ray

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	3_MCP_Add_WRK 00443	8260 CORP mix 00254	ADD CORP mix 00147
BFB 480-716220/3		8260C			1 uL	1 uL				
CCVIS 480-716220/4		8260C			5 mL	5 mL			12.5 uL	
LCS 480-716220/6		8260C			5 mL	5 mL		12.6 uL	12.5 uL	12.6 uL
MB 480-716220/9		8260C			5 mL	5 mL				
480-220956-E-6	MW-23S_20240618	8260C	Water	T	5 mL	5 mL	<2 SU			
480-220956-E-7	MW-46S_20240618	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB_WRK 00161	GAS CORP mix 00624	L_8260_IS 00056	L_8260_SURR 00054	AnalysisComment	
BFB 480-716220/3		8260C			1 uL					
CCVIS 480-716220/4		8260C				12.5 uL	2 uL	2 uL		
LCS 480-716220/6		8260C				12.5 uL	2 uL	2 uL		
MB 480-716220/9		8260C					2 uL	2 uL		
480-220956-E-6	MW-23S_20240618	8260C	Water	T			2 uL	2 uL		
480-220956-E-7	MW-46S_20240618	8260C	Water	T			2 uL	2 uL	Target	

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.: 480-220956-1

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_20240617	480-220956-1	69	45 S1-	56
MW-C12_20240617	480-220956-2	82	66	67
MW-C16_20240617	480-220956-3	86	81	94
MW-13S_20240617	480-220956-4	86	78	95
MW-22S_20240618	480-220956-5	86	78	94
MW-23S_20240618	480-220956-6	105	98	60
MW-46S_20240618	480-220956-7	105	100	70
MW-48S_20240618	480-220956-8	93	87	48
DUP-1_202406	480-220956-9	108	102	64
	MB 460-981480/1-A	75	51	90
	MB 460-981623/1-A	103	84	93
	LCS 460-981480/2-A	67	55	69
	LCS 460-981623/2-A	77	72	80
	LCSD 460-981480/3-A	67	55	71
	LCSD 460-981623/3-A	78	72	80
MW-C12_20240617 MS MS	480-220956-2 MS	79	63	59
MW-C12_20240617 MSD MSD	480-220956-2 MSD	81	66	87

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	51-145
FBP = 2-Fluorobiphenyl	46-139
TPHL = Terphenyl-d14 (Surr)	13-159

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85802.D

Lab ID: LCS 460-981480/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	80.0	53.5	67	62-127	
Acenaphthylene	80.0	51.0	64	58-122	
Anthracene	80.0	57.0	71	67-127	
Chrysene	80.0	54.6	68	70-132	*-
Fluoranthene	80.0	59.1	74	69-137	
Fluorene	80.0	58.1	73	67-125	
Naphthalene	80.0	37.3	47	39-126	
Phenanthrene	80.0	55.9	70	68-126	
Pyrene	80.0	58.8	74	60-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85838.D

Lab ID: LCS 460-981623/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	80.0	65.6	82	62-127	
Acenaphthylene	80.0	65.4	82	58-122	
Anthracene	80.0	68.7	86	67-127	
Chrysene	80.0	67.8	85	70-132	
Fluoranthene	80.0	74.7	93	69-137	
Fluorene	80.0	72.4	90	67-125	
Naphthalene	80.0	60.7	76	39-126	
Phenanthrene	80.0	69.2	86	68-126	
Pyrene	80.0	69.8	87	60-137	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85803.D

Lab ID: LCSD 460-981480/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	52.7	66	1	30	62-127	
Acenaphthylene	80.0	50.3	63	1	30	58-122	
Anthracene	80.0	57.4	72	1	30	67-127	
Chrysene	80.0	56.7	71	4	30	70-132	
Fluoranthene	80.0	59.3	74	0	30	69-137	
Fluorene	80.0	57.7	72	1	30	67-125	
Naphthalene	80.0	37.1	46	0	30	39-126	
Phenanthrene	80.0	56.6	71	1	30	68-126	
Pyrene	80.0	61.4	77	4	30	60-137	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85839.D

Lab ID: LCSD 460-981623/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	66.4	83	1	30	62-127	
Acenaphthylene	80.0	65.3	82	0	30	58-122	
Anthracene	80.0	68.5	86	0	30	67-127	
Chrysene	80.0	67.8	85	0	30	70-132	
Fluoranthene	80.0	75.7	95	1	30	69-137	
Fluorene	80.0	72.7	91	1	30	67-125	
Naphthalene	80.0	60.9	76	0	30	39-126	
Phenanthrene	80.0	68.6	86	1	30	68-126	
Pyrene	80.0	70.0	88	0	30	60-137	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85815.D

Lab ID: 480-220956-2 MS Client ID: MW-C12_20240617 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	40.0	34	67.5	84	62-127	
Acenaphthylene	40.0	10 U	27.2	68	58-122	
Anthracene	40.0	10 U	30.9	77	67-127	
Chrysene	40.0	2.0 U	29.7	74	70-132	
Fluoranthene	40.0	10 U	30.9	77	69-137	
Fluorene	40.0	4.5 J	36.3	80	67-125	
Naphthalene	40.0	2.0 U	20.7	52	39-126	
Phenanthrene	40.0	10 U	30.4	76	68-126	
Pyrene	40.0	10 U	32.8	82	60-137	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85816.D

Lab ID: 480-220956-2 MSD Client ID: MW-C12_20240617 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	40.0	67.1	83	1	30	62-127	
Acenaphthylene	40.0	28.2	71	4	30	58-122	
Anthracene	40.0	29.7	74	4	30	67-127	
Chrysene	40.0	29.2	73	2	30	70-132	
Fluoranthene	40.0	30.8	77	0	30	69-137	
Fluorene	40.0	35.8	78	2	30	67-125	
Naphthalene	40.0	22.7	57	9	30	39-126	
Phenanthrene	40.0	29.9	75	2	30	68-126	
Pyrene	40.0	32.1	80	2	30	60-137	

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.: 480-220956-1

SDG No.:

Lab File ID: P85801.D Lab Sample ID: MB 460-981480/1-A

Matrix: Water Date Extracted: 06/21/2024 08:59

Instrument ID: CBNAMS18 Date Analyzed: 06/22/2024 08:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-981480/2-A	P85802.D	06/22/2024 08:21
	LCSD 460-981480/3-A	P85803.D	06/22/2024 08:50
MW-C11_20240617	480-220956-1	P85813.D	06/22/2024 12:24
MW-C12_20240617	480-220956-2	P85814.D	06/22/2024 12:46
MW-C12_20240617 MS MS	480-220956-2 MS	P85815.D	06/22/2024 13:07
MW-C12_20240617 MSD MSD	480-220956-2 MSD	P85816.D	06/22/2024 13:29
MW-C16_20240617	480-220956-3	P85817.D	06/22/2024 13:50
MW-13S_20240617	480-220956-4	P85818.D	06/22/2024 14:12
MW-22S_20240618	480-220956-5	P85819.D	06/22/2024 14:34

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: P85837.D Lab Sample ID: MB 460-981623/1-A

Matrix: Water Date Extracted: 06/22/2024 09:45

Instrument ID: CBNAMS18 Date Analyzed: 06/23/2024 17:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-981623/2-A	P85838.D	06/23/2024 17:44
	LCSD 460-981623/3-A	P85839.D	06/23/2024 18:05
MW-23S_20240618	480-220956-6	P85850.D	06/23/2024 22:03
MW-46S_20240618	480-220956-7	P85851.D	06/23/2024 22:24
MW-48S_20240618	480-220956-8	P85852.D	06/23/2024 22:46
DUP-1_202406	480-220956-9	P85853.D	06/23/2024 23:07

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: P85605.D DFTPP Injection Date: 06/12/2024

Instrument ID: CBNAMS18 DFTPP Injection Time: 06:48

Analysis Batch No.: 979633

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.6) 1
69	Present	39.7	
70	Less than 2% of m/z 69	0.2	(0.6) 1
197	Less than 2% of m/z 198	0.9	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.8	
365	Greater than 1% of Base Peak	4.5	
441	Less than 150% of m/z 443	25.0	(83.2) 3
442	Present	155.5	
443	15-24% of m/z 442	30.1	(19.4) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-979633/2	P85607.D	06/12/2024	7:09
	STD24 460-979633/3	P85609.D	06/12/2024	7:52
	STD16 460-979633/4	P85611.D	06/12/2024	8:34
	STD4 460-979633/5	P85613.D	06/12/2024	9:17
	STD2 460-979633/6	P85615.D	06/12/2024	9:59
	STD1 460-979633/7	P85617.D	06/12/2024	10:41
	STD04 460-979633/8	P85619.D	06/12/2024	11:24
	STD02 460-979633/9	P85621.D	06/12/2024	12:06
	STD01 460-979633/10	P85623.D	06/12/2024	12:48
	ICV 460-979633/11	P85625.D	06/12/2024	13:31

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

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-979633/2 Date Analyzed: 06/12/2024 07:09

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85607.D Heated Purge: (Y/N) N

Calibration ID: 97830

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		302341	4.47	1165924	5.68	575454	7.35
UPPER LIMIT		604682	4.97	2331848	6.18	1150908	7.85
LOWER LIMIT		151171	3.97	582962	5.18	287727	6.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-979633/11		272106	4.47	1061877	5.68	521848	7.35

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-979633/2 Date Analyzed: 06/12/2024 07:09

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85607.D Heated Purge: (Y/N) N

Calibration ID: 97830

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		951679	8.75	662864	11.40	743929	13.31
UPPER LIMIT		1903358	9.25	1325728	11.90	1487858	13.81
LOWER LIMIT		475840	8.25	331432	10.90	371965	12.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-979633/11		868586	8.75	626190	11.40	673156	13.31

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981562/2 Date Analyzed: 06/22/2024 07:06

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85799.D Heated Purge: (Y/N) N

Calibration ID: 97830

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		356530	4.38	1421972	5.59	732518	7.27
UPPER LIMIT		713060	4.88	2843944	6.09	1465036	7.77
LOWER LIMIT		178265	3.88	710986	5.09	366259	6.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981480/1-A		473776	4.38	1901683	5.59	1023805	7.26
LCS 460-981480/2-A		474702	4.38	1875744	5.60	992923	7.27
LCSD 460-981480/3-A		484179	4.38	1902241	5.60	1003258	7.27
480-220956-1	MW-C11_20240617	552788	4.38	2187982	5.60	1167922	7.26
480-220956-2	MW-C12_20240617	517288	4.38	2062368	5.60	1096405	7.26
480-220956-2 MS	MW-C12_20240617 MS MS	549762	4.38	2154110	5.59	1136931	7.27
480-220956-2 MSD	MW-C12_20240617 MSD MSD	483554	4.38	1896314	5.59	1003099	7.26
480-220956-3	MW-C16_20240617	540548	4.38	2116704	5.60	1138207	7.26
480-220956-4	MW-13S_20240617	561064	4.38	2196721	5.59	1176017	7.27
480-220956-5	MW-22S_20240618	585682	4.38	2289515	5.59	1222957	7.27

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981562/2 Date Analyzed: 06/22/2024 07:06

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85799.D Heated Purge: (Y/N) N

Calibration ID: 97830

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1245648	8.67	808825	11.30	809998	13.18
UPPER LIMIT		2491296	9.17	1617650	11.80	1619996	13.68
LOWER LIMIT		622824	8.17	404413	10.80	404999	12.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981480/1-A		1854009	8.67	1177762	11.30	1173370	13.18
LCS 460-981480/2-A		1729760	8.67	1161695	11.30	1166131	13.18
LCSD 460-981480/3-A		1731375	8.67	1128518	11.30	1147258	13.18
480-220956-1	MW-C11_20240617	2053781	8.67	1260279	11.30	1238353	13.18
480-220956-2	MW-C12_20240617	1888479	8.67	1173605	11.29	1144125	13.18
480-220956-2 MS	MW-C12_20240617 MS MS	1967849	8.67	1247770	11.30	1206776	13.18
480-220956-2 MSD	MW-C12_20240617 MSD MSD	1733700	8.67	1107961	11.29	1092317	13.18
480-220956-3	MW-C16_20240617	1956886	8.67	1186179	11.29	1163690	13.18
480-220956-4	MW-13S_20240617	2048443	8.67	1240066	11.29	1219072	13.18
480-220956-5	MW-22S_20240618	2099569	8.67	1271524	11.29	1239272	13.18

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981794/2 Date Analyzed: 06/23/2024 16:22

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85835.D Heated Purge: (Y/N) N

Calibration ID: 97830

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		319292	4.38	1294495	5.59	698811	7.26
UPPER LIMIT		638584	4.88	2588990	6.09	1397622	7.76
LOWER LIMIT		159646	3.88	647248	5.09	349406	6.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981623/1-A		311110	4.38	1241007	5.59	683156	7.26
LCS 460-981623/2-A		337802	4.38	1352783	5.59	759408	7.26
LCSD 460-981623/3-A		334508	4.38	1347987	5.59	758888	7.26
480-220956-6	MW-23S_20240618	288628	4.37	1173454	5.59	659003	7.26
480-220956-7	MW-46S_20240618	323032	4.38	1297123	5.59	707852	7.26
480-220956-8	MW-48S_20240618	302511	4.38	1227273	5.59	676819	7.26
480-220956-9	DUP-1_202406	289052	4.38	1161117	5.59	640179	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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981794/2 Date Analyzed: 06/23/2024 16:22

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P85835.D Heated Purge: (Y/N) N

Calibration ID: 97830

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1270158	8.66	924531	11.29	940917	13.17
UPPER LIMIT		2540316	9.16	1849062	11.79	1881834	13.67
LOWER LIMIT		635079	8.16	462266	10.79	470459	12.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981623/1-A		1320964	8.66	967312	11.29	1015986	13.17
LCS 460-981623/2-A		1428688	8.66	1045277	11.29	1070056	13.17
LCSD 460-981623/3-A		1443501	8.67	1070705	11.29	1098440	13.17
480-220956-6	MW-23S_20240618	1246580	8.66	871848	11.29	941505	13.17
480-220956-7	MW-46S_20240618	1346121	8.66	945254	11.29	913204	13.17
480-220956-8	MW-48S_20240618	1269417	8.66	929706	11.29	1020462	13.17
480-220956-9	DUP-1_202406	1216149	8.66	841936	11.29	919028	13.17

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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C11_20240617
Lab Sample ID: 480-220956-1
Matrix: Water
Lab File ID: P85813.D
Analysis Method: 8270E
Date Collected: 06/17/2024 10:40
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 12:24
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.: 981562
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	45	S1-	46-139
4165-60-0	Nitrobenzene-d5 (Surr)	69		51-145
1718-51-0	Terphenyl-d14 (Surr)	56		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85813.D				
Lims ID:	480-220956-B-1-A				
Client ID:	MW-C11_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 12:24:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-016				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:45:59	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.378	4.382	-0.004	95	552788	8.00	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	684722	6.92	
* 38 Naphthalene-d8	136	5.595	5.593	0.002	99	2187982	8.00	
$ 53 2-Fluorobiphenyl	172	6.627	6.629	-0.002	98	991112	4.46	
* 64 Acenaphthene-d10	164	7.263	7.266	-0.003	96	1167922	8.00	
* 88 Phenanthrene-d10	188	8.670	8.671	-0.001	99	2053781	8.00	
$ 97 Terphenyl-d14	244	10.190	10.193	-0.003	97	1082358	5.55	
* 103 Chrysene-d12	240	11.295	11.296	-0.001	99	1260279	8.00	
* 110 Perylene-d12	264	13.175	13.177	-0.002	98	1238353	8.00	

QC Flag Legend

Processing Flags

Reagents:

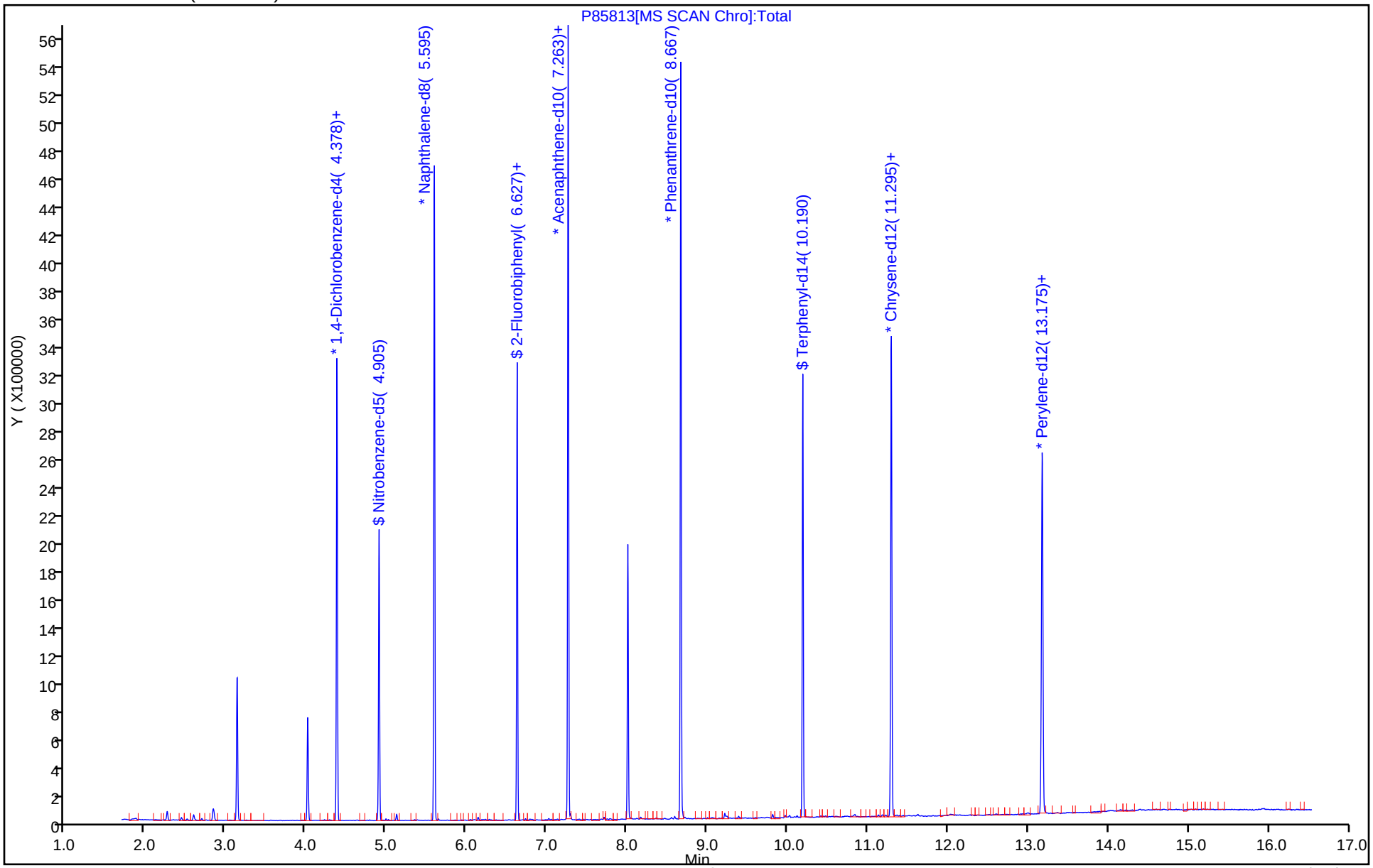
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:45:59 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85813.D				
Injection Date:	22-Jun-2024 12:24:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-B-1-A	Lab Sample ID:	460-220956-1	Worklist Smp#:	16
Client ID:	MW-C11_20240617				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85813.D
Lims ID: 480-220956-B-1-A
Client ID: MW-C11_20240617
Sample Type: Client
Inject. Date: 22-Jun-2024 12:24:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-016
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:45:59 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	6.92	69.21
$ 53 2-Fluorobiphenyl	10.0	4.46	44.57
$ 97 Terphenyl-d14	10.0	5.55	55.53

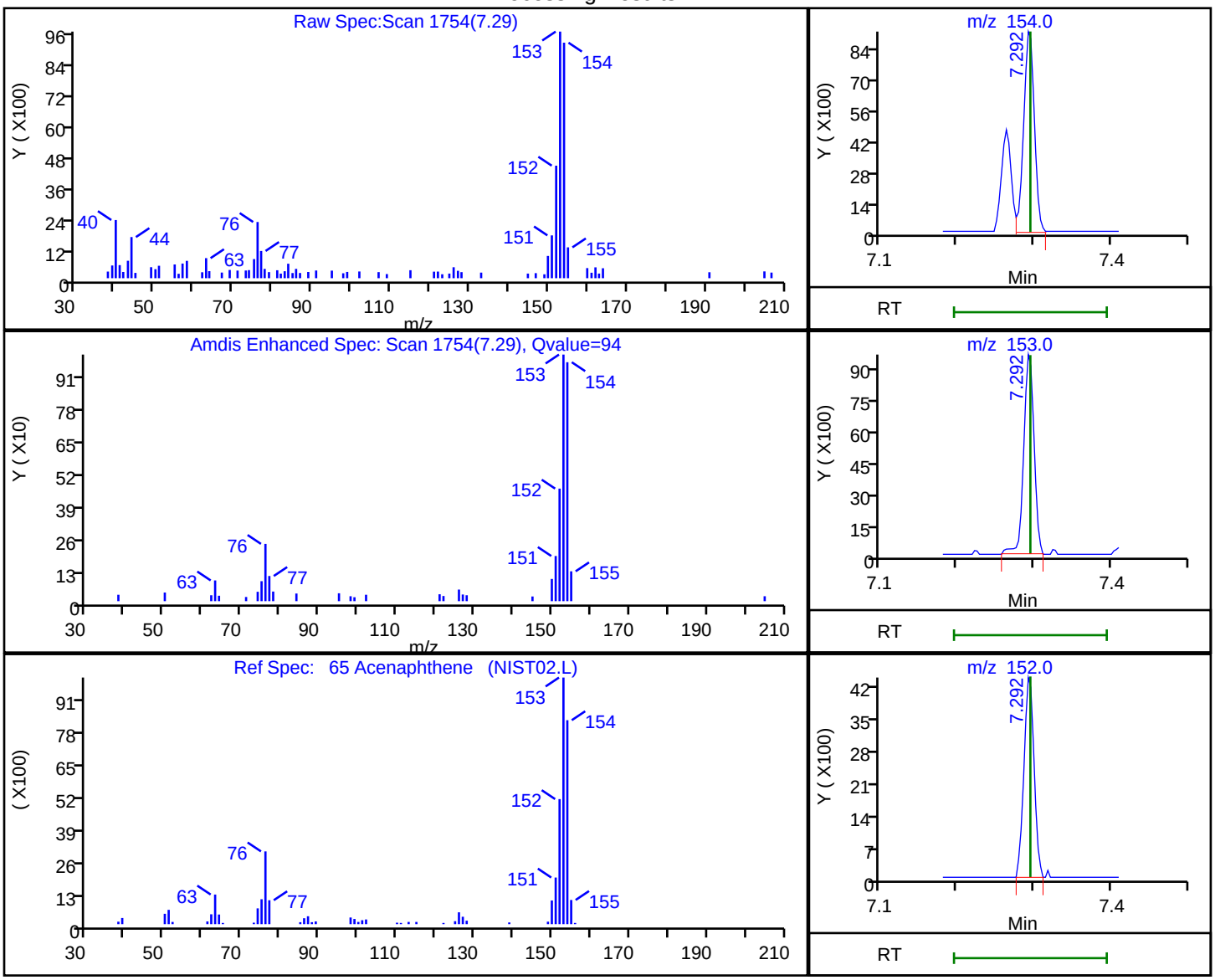
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85813.D				
Injection Date:	22-Jun-2024 12:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-B-1-A	Lab Sample ID:	460-220956-1		
Client ID:	MW-C11_20240617				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.29	154.00	8889	0.051960
7.29	153.00	9076	
7.29	152.00	4043	

Reviewer: V5XH, 24-Jun-2024 10:45:51 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

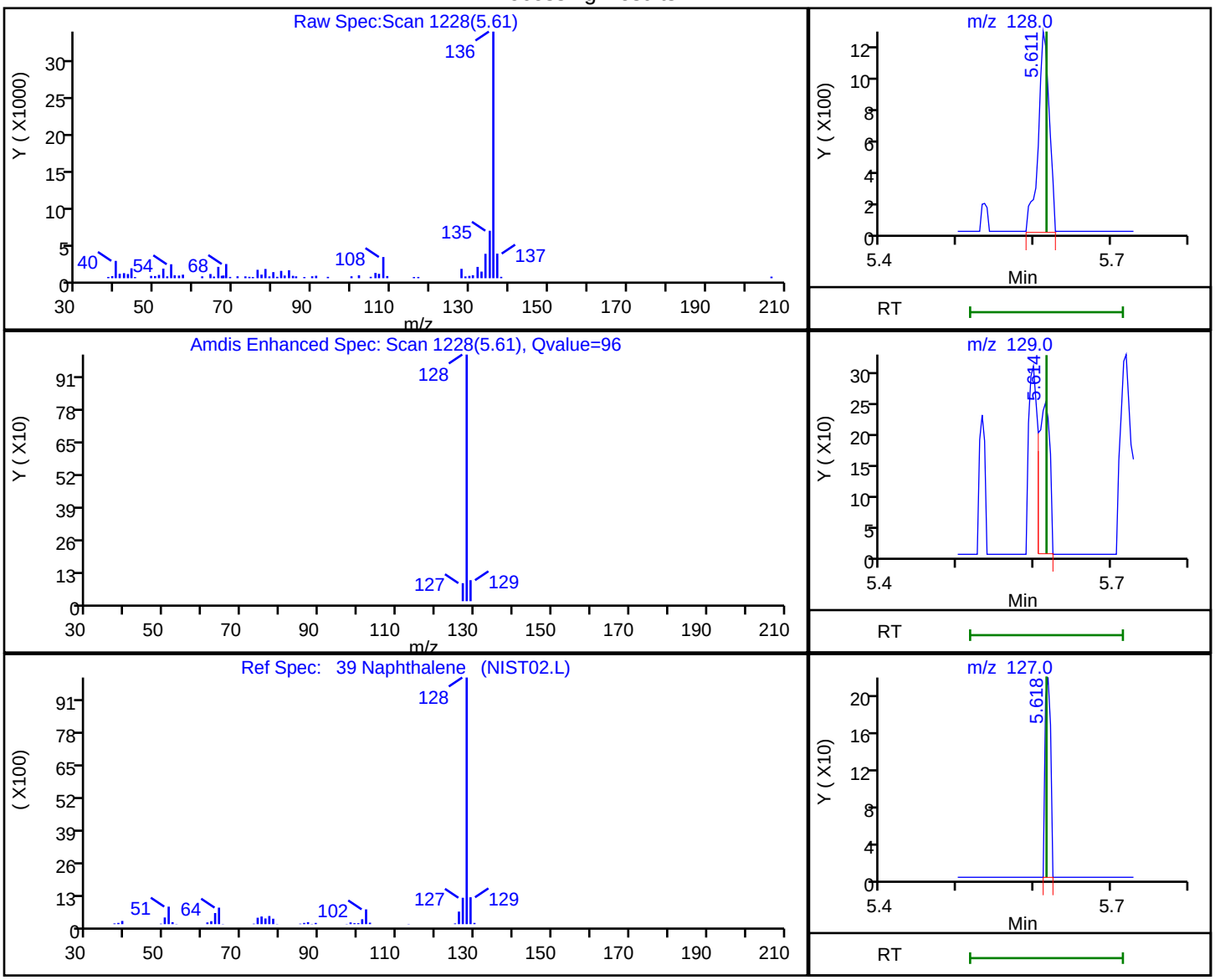
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85813.D				
Injection Date:	22-Jun-2024 12:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-B-1-A	Lab Sample ID:	460-220956-1		
Client ID:	MW-C11_20240617				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.61	128.00	1261	0.004334
5.61	129.00	242	
5.62	127.00	109	

Reviewer: V5XH, 24-Jun-2024 10:45:46 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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617
Lab Sample ID: 480-220956-2
Matrix: Water
Lab File ID: P85814.D
Analysis Method: 8270E
Date Collected: 06/17/2024 13:10
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 12:46
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.: 981562
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	34		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	4.5	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	66		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	82		51-145
1718-51-0	Terphenyl-d14 (Surr)	67		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D
Lims ID: 480-220956-A-2-A
Client ID: MW-C12_20240617
Sample Type: Client
Inject. Date: 22-Jun-2024 12:46:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-017
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:47:11 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.133	3.127	0.006	97	360836	4.18	
$ 6 Phenol-d5	99	4.014	4.011	0.003	99	289125	2.72	
19 2-Toluidine	107	4.375	4.285	0.090	28	125	NC	
* 14 1,4-Dichlorobenzene-d4	152	4.378	4.382	-0.004	95	517288	8.00	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	766060	8.21	
* 38 Naphthalene-d8	136	5.595	5.593	0.002	99	2062368	8.00	
$ 53 2-Fluorobiphenyl	172	6.627	6.629	-0.002	98	1376971	6.60	
* 64 Acenaphthene-d10	164	7.263	7.266	-0.003	95	1096405	8.00	
65 Acenaphthene	154	7.295	7.295	0.000	96	677692	4.22	
73 Fluorene	166	7.781	7.784	-0.003	95	102009	0.5604	
81 1-Naphthylamine	143	8.008	7.916	0.097	56	73077	NC	
$ 79 2,4,6-Tribromophenol	330	8.008	8.008	0.000	93	266877	8.33	
* 88 Phenanthrene-d10	188	8.667	8.671	-0.004	99	1888479	8.00	
$ 97 Terphenyl-d14	244	10.190	10.193	-0.003	97	1216417	6.70	
* 103 Chrysene-d12	240	11.294	11.296	-0.002	99	1173605	8.00	
* 110 Perylene-d12	264	13.176	13.177	-0.001	99	1144125	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

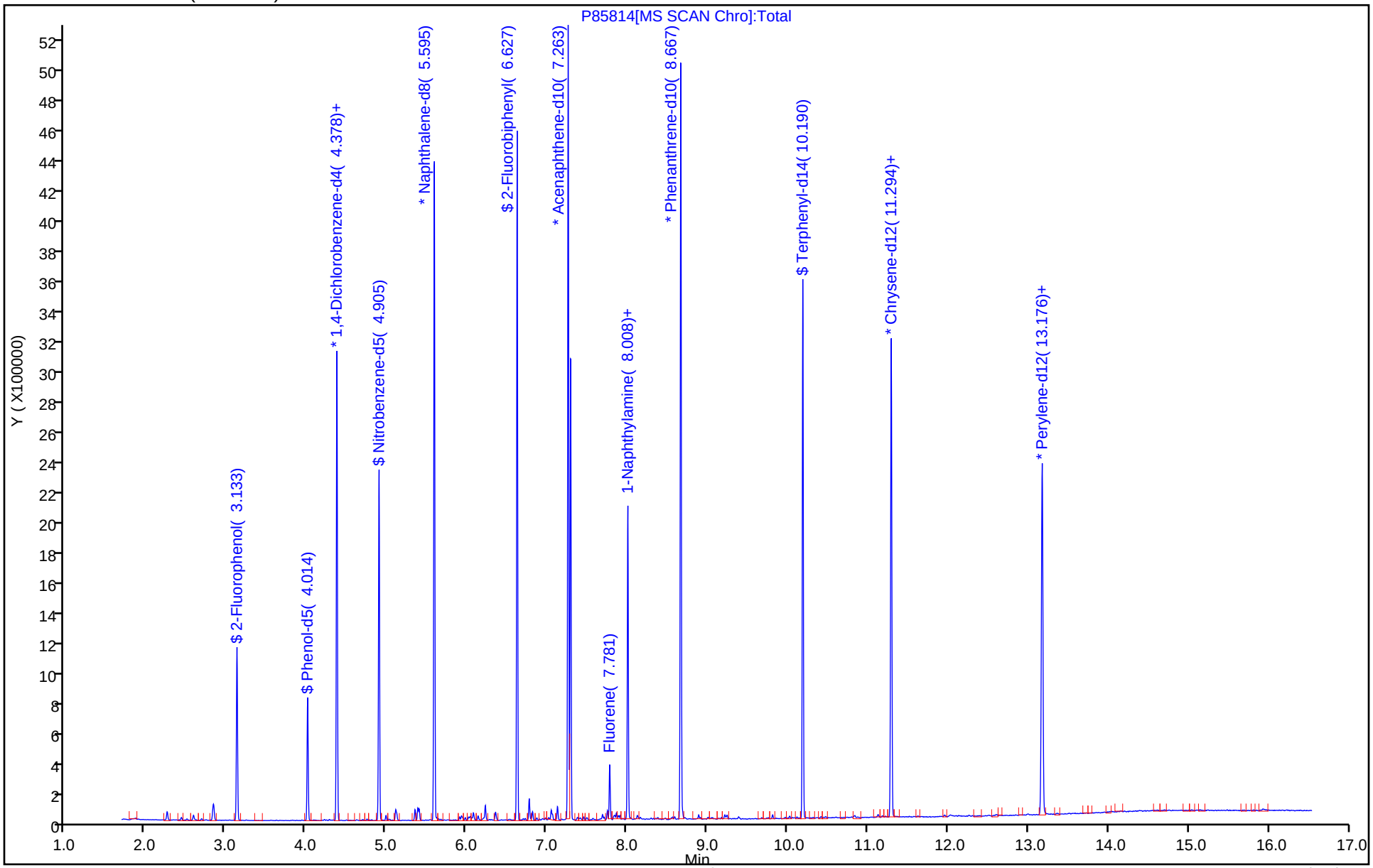
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:47:11 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D				
Injection Date:	22-Jun-2024 12:46:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-2-A	Lab Sample ID:	460-220956-2	Worklist Smp#:	17
Client ID:	MW-C12_20240617				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D				
Lims ID:	480-220956-A-2-A				
Client ID:	MW-C12_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 12:46:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-017				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:36

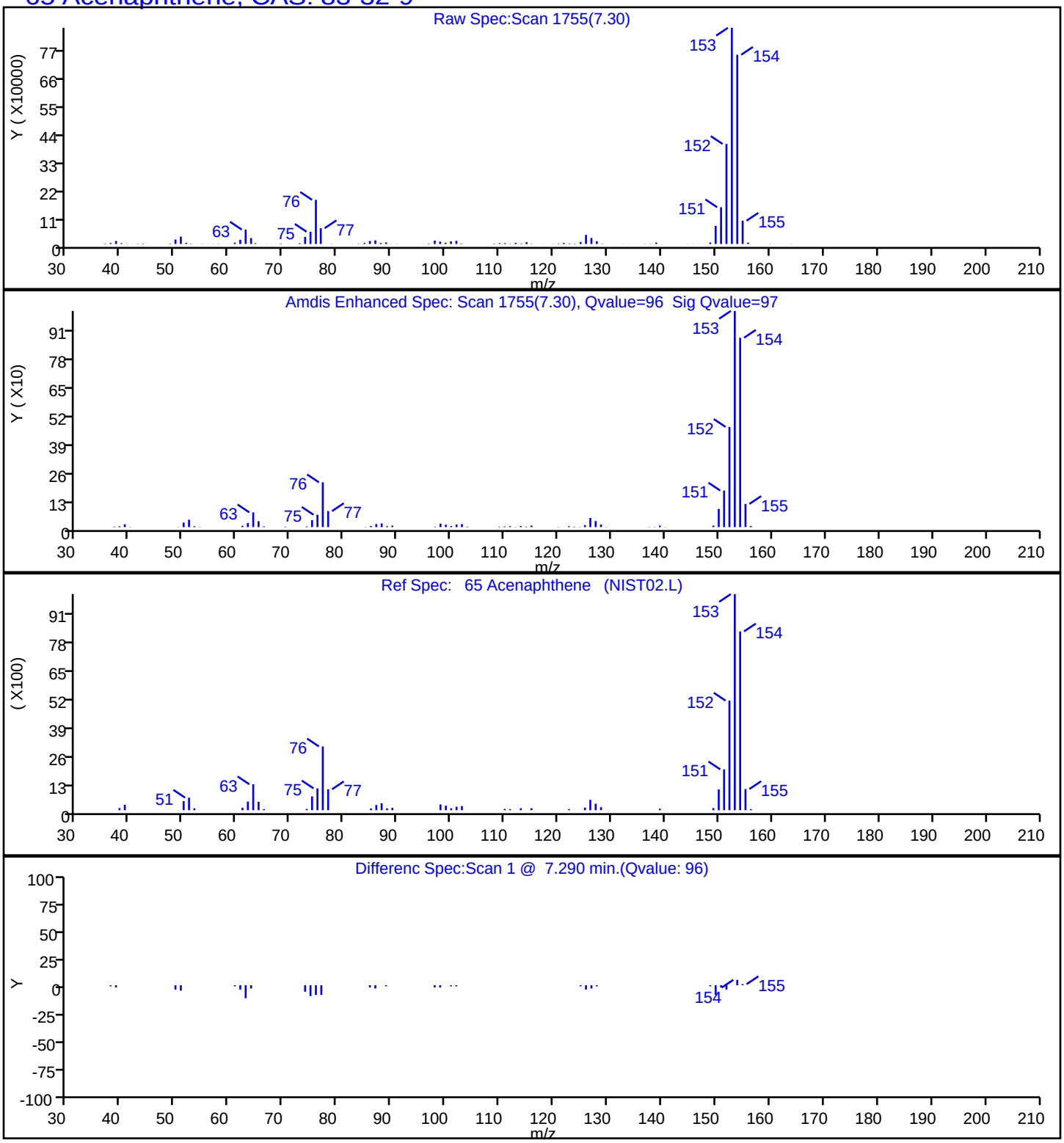
Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.18	41.84
$ 6 Phenol-d5	10.0	2.72	27.19
$ 28 Nitrobenzene-d5	10.0	8.21	82.15
$ 53 2-Fluorobiphenyl	10.0	6.60	65.96
$ 79 2,4,6-Tribromophenol	10.0	8.33	83.31
$ 97 Terphenyl-d14	10.0	6.70	67.01

Report Date: 24-Jun-2024 10:47:11 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D				
Injection Date:	22-Jun-2024 12:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-2-A	Lab Sample ID:	460-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

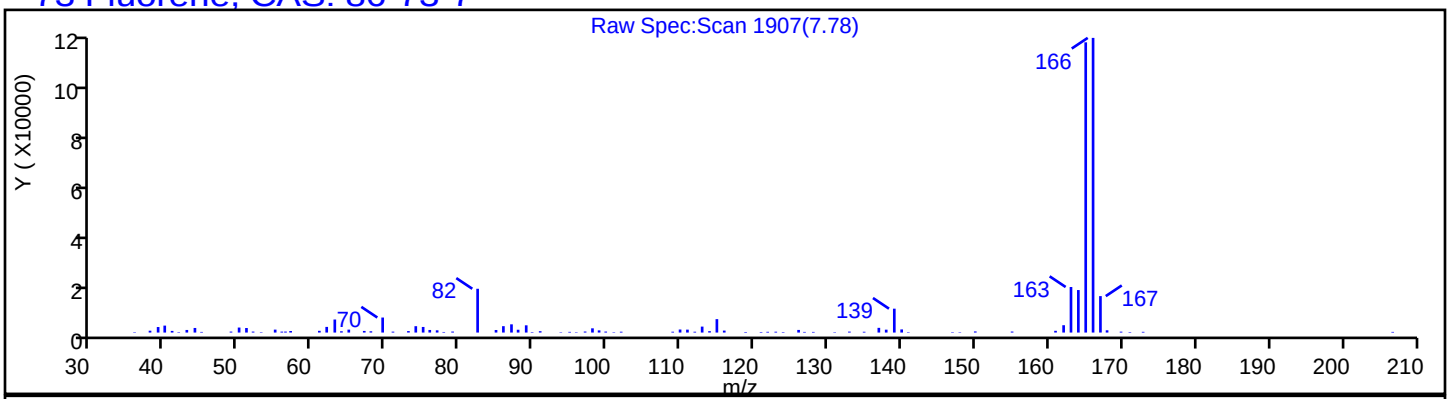


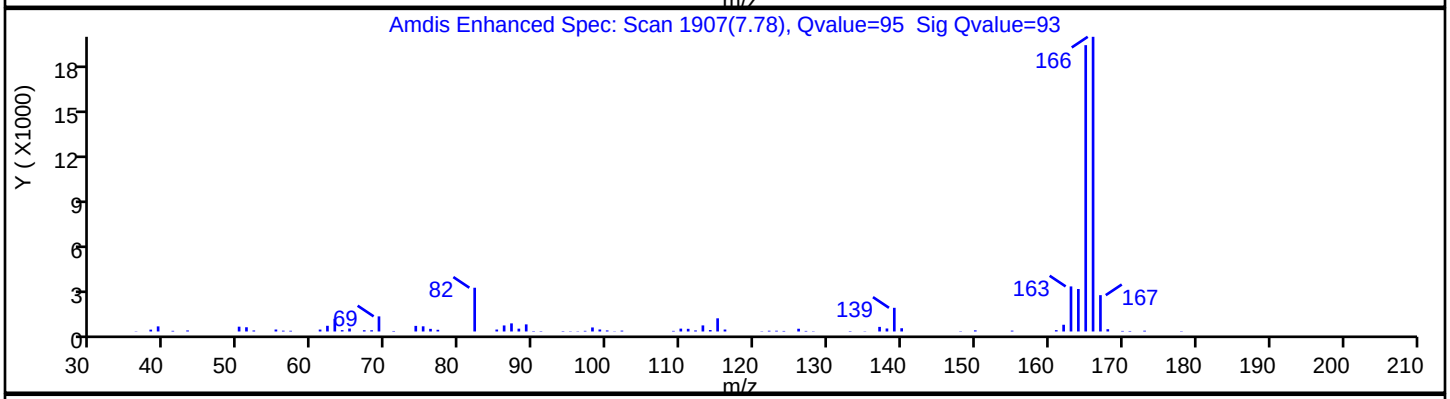
Report Date: 24-Jun-2024 10:47:11 Chrom Revision: 2.3 23-Jun-2024 11:08:02

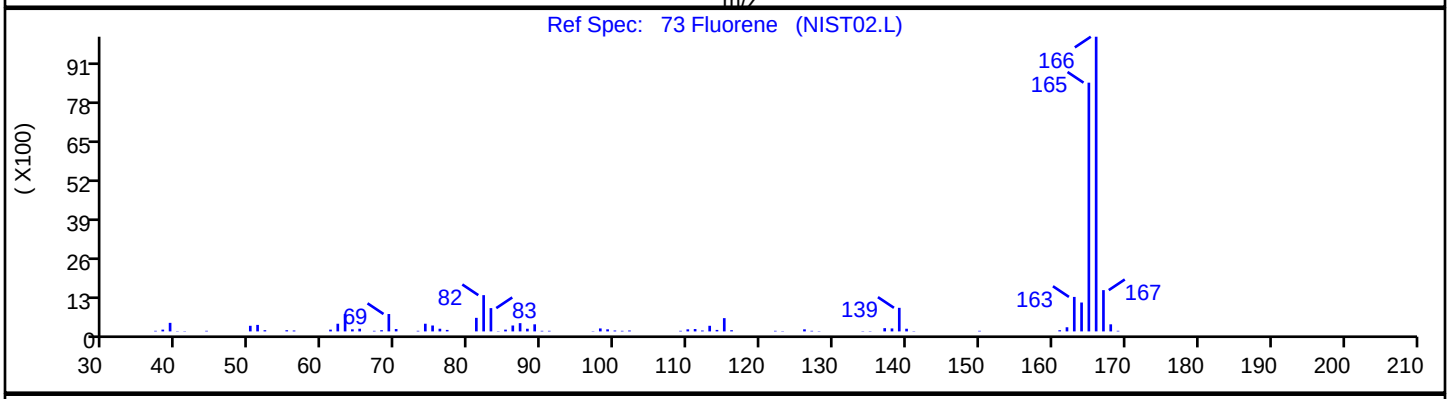
Eurofins Edison

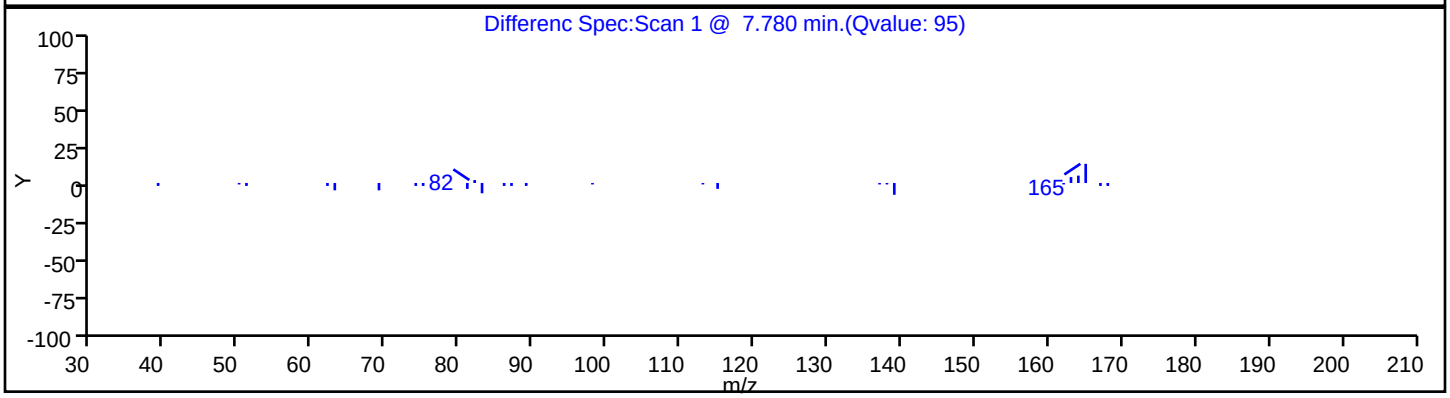
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D				
Injection Date:	22-Jun-2024 12:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-2-A	Lab Sample ID:	460-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7









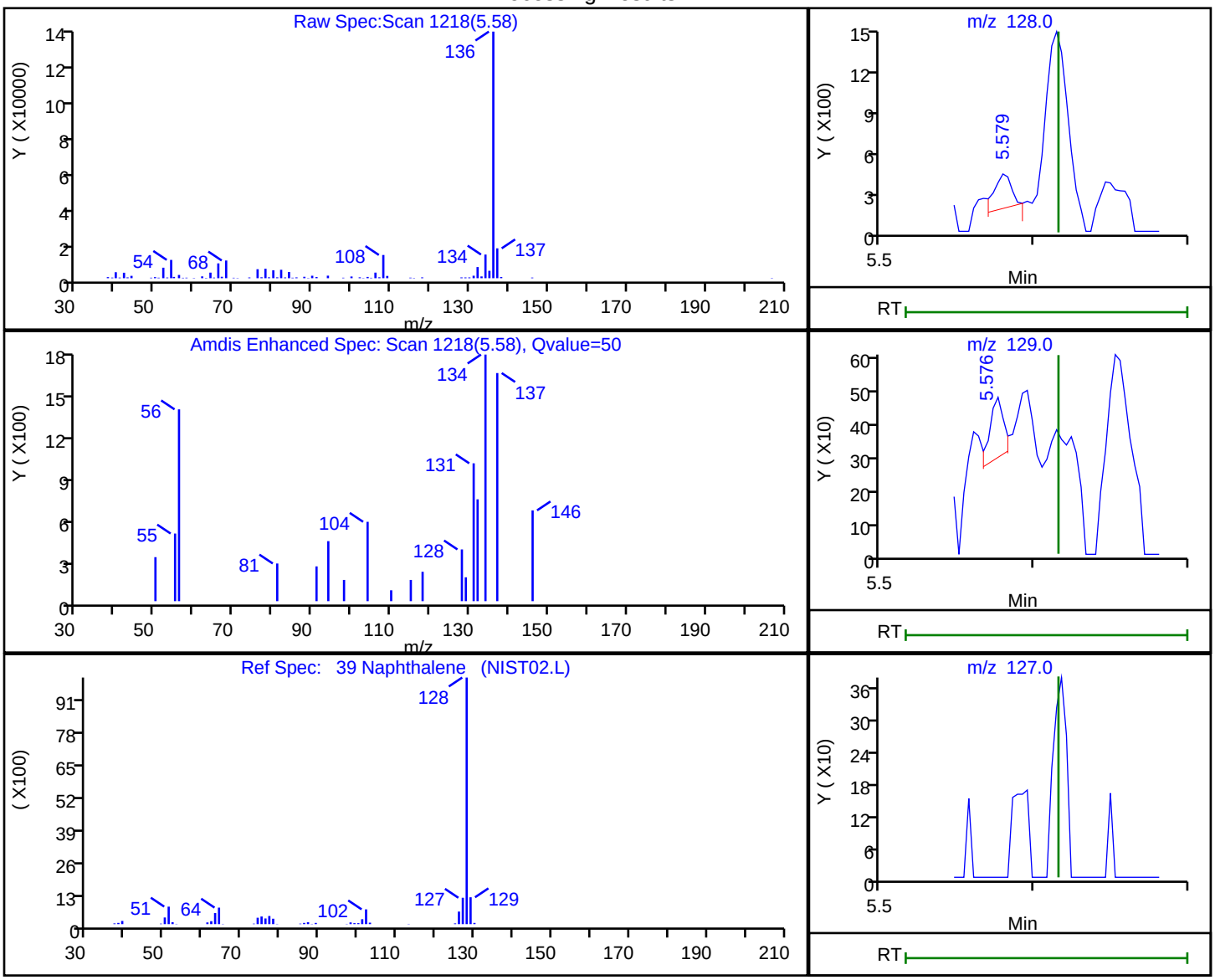
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85814.D				
Injection Date:	22-Jun-2024 12:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-2-A	Lab Sample ID:	460-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.58	128.00	202	0.000737
5.58	129.00	118	
5.62	127.00	0	

Reviewer: U6BX, 22-Jun-2024 16:37:15 -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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C16_20240617
Lab Sample ID: 480-220956-3
Matrix: Water
Lab File ID: P85817.D
Analysis Method: 8270E
Date Collected: 06/17/2024 11:45
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 13:50
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.: 981562
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	3.1	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	81		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	86		51-145
1718-51-0	Terphenyl-d14 (Surr)	94		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85817.D
Lims ID: 480-220956-A-3-A
Client ID: MW-C16_20240617
Sample Type: Client
Inject. Date: 22-Jun-2024 13:50:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-020
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:47:11 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.381	4.382	-0.001	95	540548	8.00	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	824999	8.62	
* 38 Naphthalene-d8	136	5.595	5.593	0.002	99	2116704	8.00	
$ 53 2-Fluorobiphenyl	172	6.627	6.629	-0.002	98	1750659	8.08	
* 64 Acenaphthene-d10	164	7.262	7.266	-0.004	95	1138207	8.00	
65 Acenaphthene	154	7.294	7.295	-0.001	95	65345	0.3919	
* 88 Phenanthrene-d10	188	8.669	8.671	-0.002	99	1956886	8.00	
$ 97 Terphenyl-d14	244	10.191	10.193	-0.002	97	1725469	9.40	
* 103 Chrysene-d12	240	11.292	11.296	-0.004	99	1186179	8.00	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1163690	8.00	

QC Flag Legend
Processing Flags

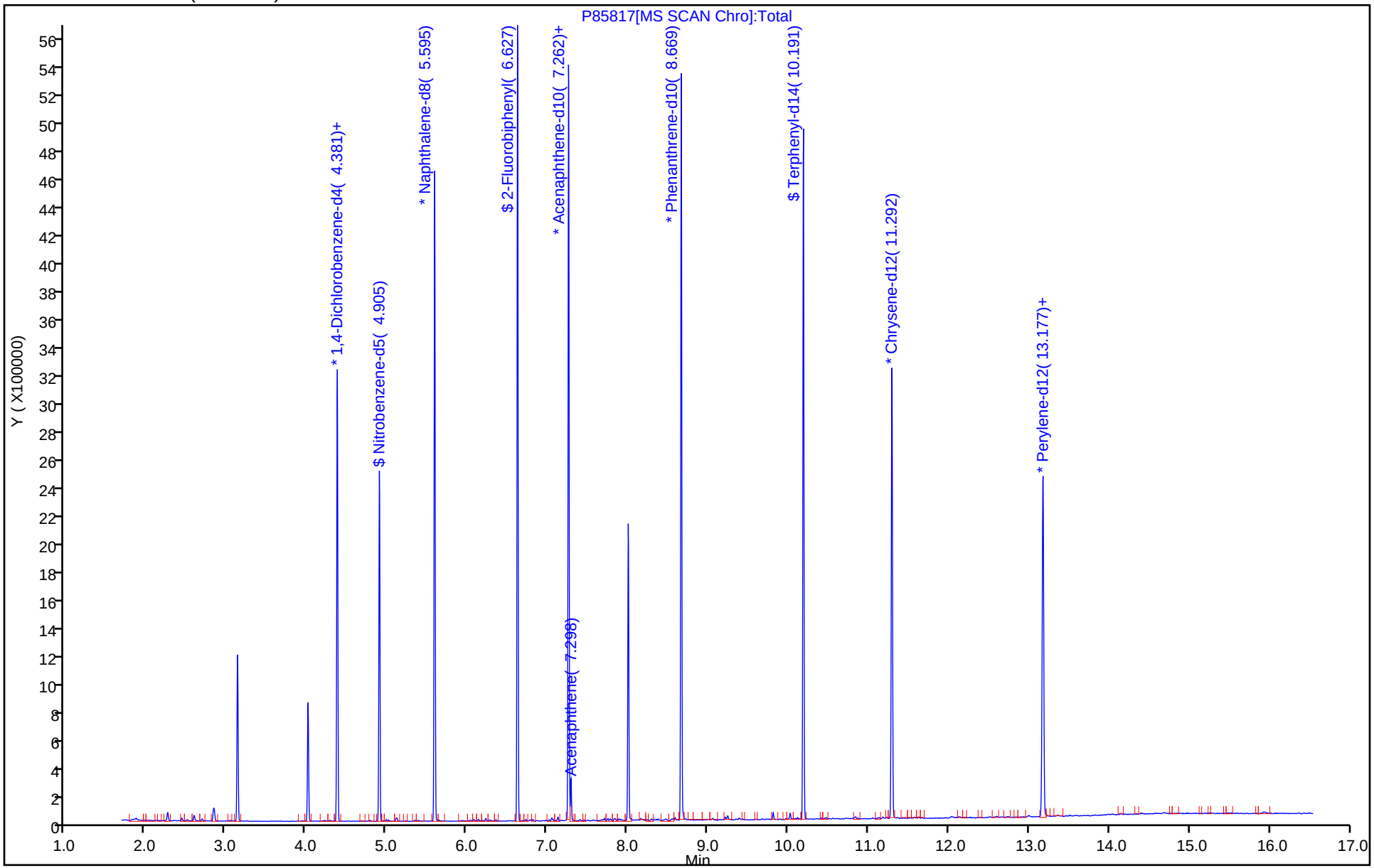
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:50:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85817.D				
Injection Date:	22-Jun-2024 13:50:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-3-A	Lab Sample ID:	460-220956-3	Worklist Smp#:	20
Client ID:	MW-C16_20240617				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85817.D				
Lims ID:	480-220956-A-3-A				
Client ID:	MW-C16_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 13:50:30	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-020				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:28

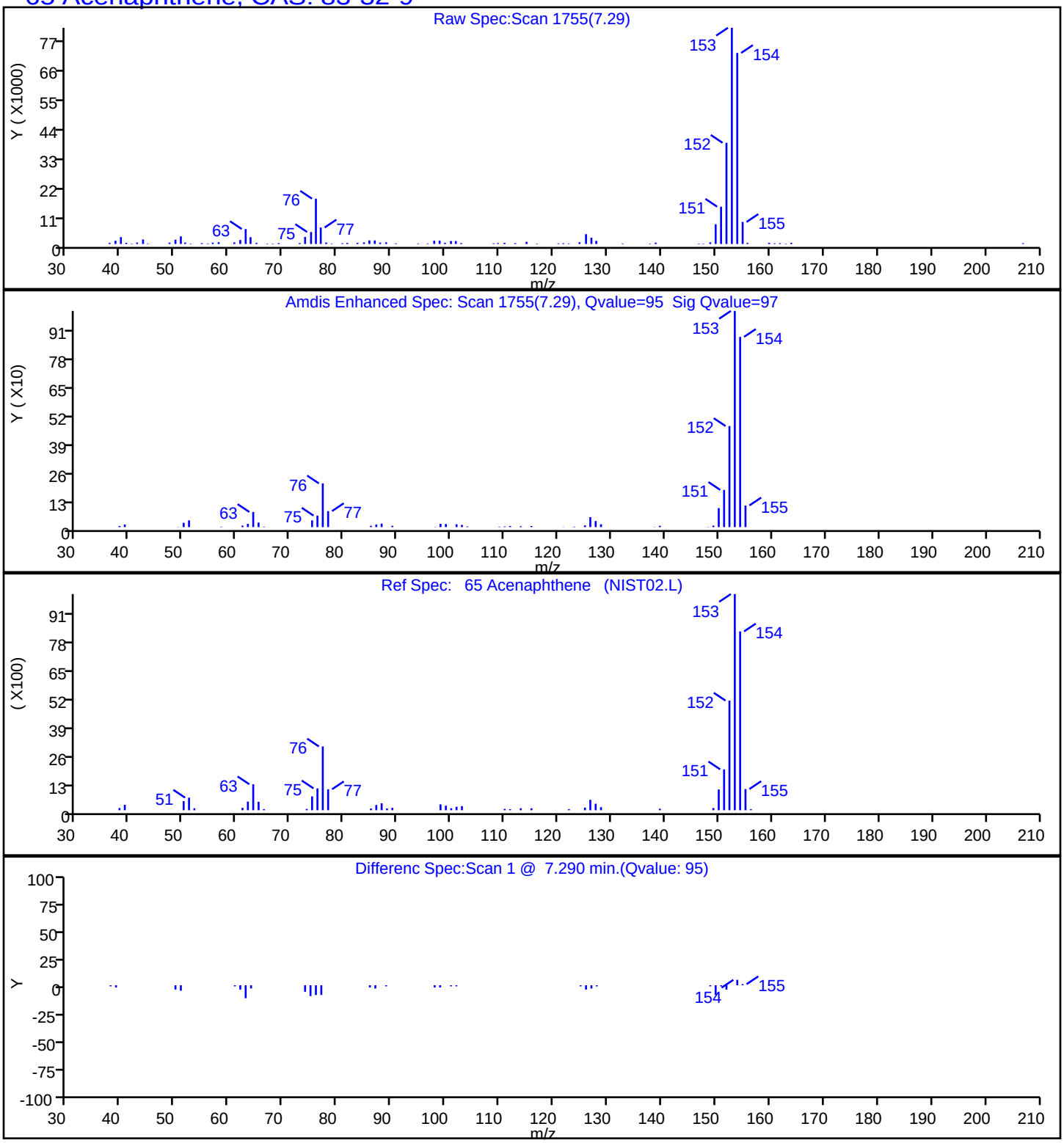
Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.62	86.20
$ 53 2-Fluorobiphenyl	10.0	8.08	80.79
$ 97 Terphenyl-d14	10.0	9.40	94.05

Report Date: 24-Jun-2024 10:50:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85817.D				
Injection Date:	22-Jun-2024 13:50:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-3-A	Lab Sample ID:	460-220956-3		
Client ID:	MW-C16_20240617				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9



Report Date: 24-Jun-2024 10:50:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

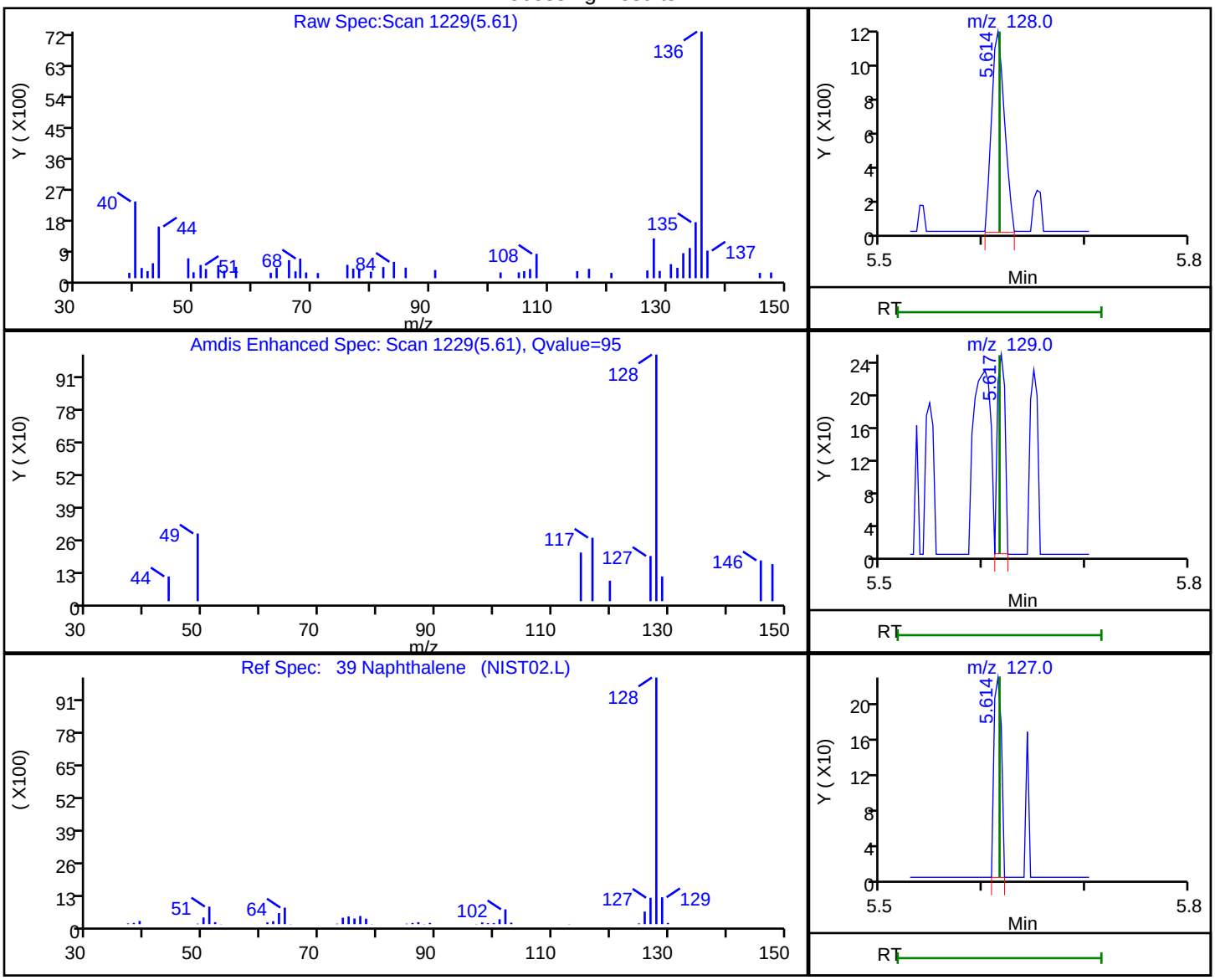
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85817.D				
Injection Date:	22-Jun-2024 13:50:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-3-A	Lab Sample ID:	460-220956-3		
Client ID:	MW-C16_20240617				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.61	128.00	1024	0.003638
5.62	129.00	129	
5.61	127.00	116	

Reviewer: U6BX, 22-Jun-2024 16:38:24 -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.: 480-220956-1

SDG No.:

Client Sample ID: MW-13S_20240617 | Lab Sample ID: 480-220956-4

Matrix: Water | Lab File ID: P85818.D

Analysis Method: 8270E | Date Collected: 06/17/2024 15:05

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/22/2024 14:12

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.: 981562 | 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)	86		51-145
1718-51-0	Terphenyl-d14 (Surr)	95		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85818.D				
Lims ID:	480-220956-A-4-A				
Client ID:	MW-13S_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 14:12:30	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-021				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.381	4.382	-0.001	95	561064	8.00	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	855801	8.62	
* 38 Naphthalene-d8	136	5.594	5.593	0.001	99	2196721	8.00	
$ 53 2-Fluorobiphenyl	172	6.629	6.629	0.000	98	1751112	7.82	
* 64 Acenaphthene-d10	164	7.265	7.266	-0.001	96	1176017	8.00	
* 88 Phenanthrene-d10	188	8.668	8.671	-0.003	99	2048443	8.00	
$ 97 Terphenyl-d14	244	10.189	10.193	-0.004	97	1819072	9.48	
* 103 Chrysene-d12	240	11.293	11.296	-0.003	99	1240066	8.00	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1219072	8.00	

QC Flag Legend

Processing Flags

Reagents:

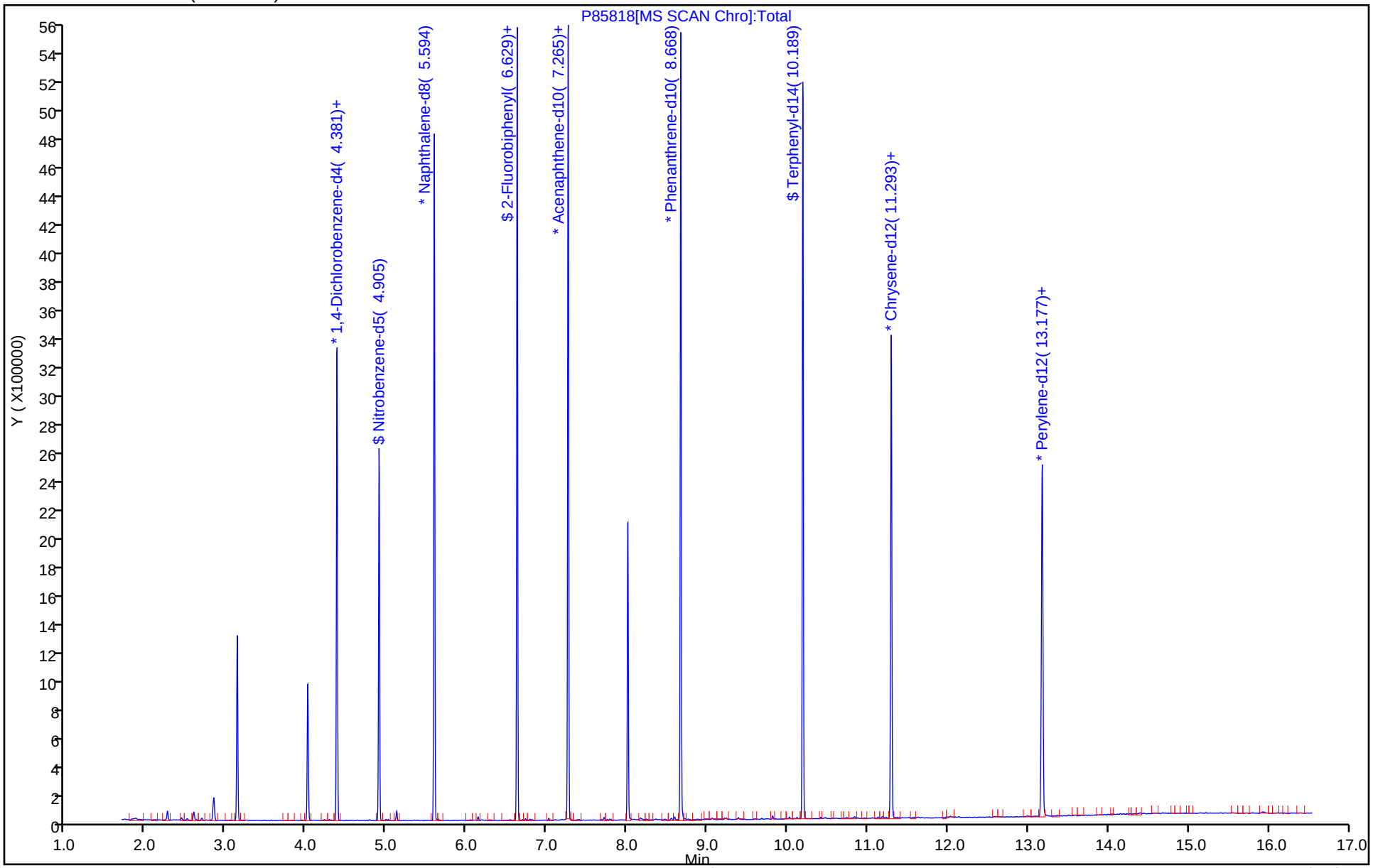
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:51:00 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85818.D				
Injection Date:	22-Jun-2024 14:12:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-4-A	Lab Sample ID:	460-220956-4	Worklist Smp#:	21
Client ID:	MW-13S_20240617				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85818.D				
Lims ID:	480-220956-A-4-A				
Client ID:	MW-13S_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 14:12:30	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-021				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.62	86.16
$ 53 2-Fluorobiphenyl	10.0	7.82	78.21
$ 97 Terphenyl-d14	10.0	9.48	94.84

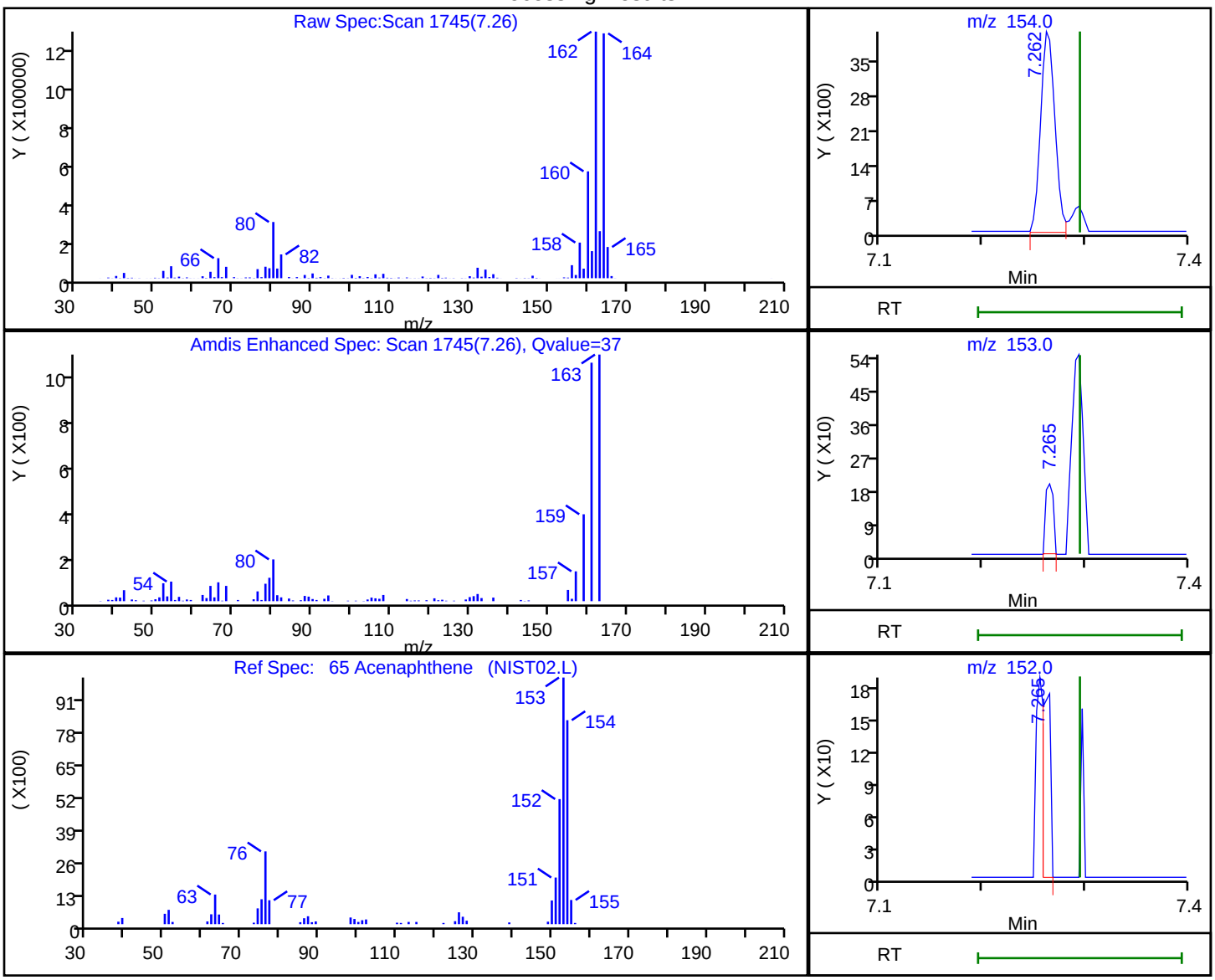
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85818.D				
Injection Date:	22-Jun-2024 14:12:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-4-A	Lab Sample ID:	460-220956-4		
Client ID:	MW-13S_20240617				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.26	154.00	3954	0.022954
7.26	153.00	101	
7.26	152.00	95	

Reviewer: U6BX, 22-Jun-2024 16:38:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 24-Jun-2024 10:51:00 Chrom Revision: 2.3 23-Jun-2024 11:08:02

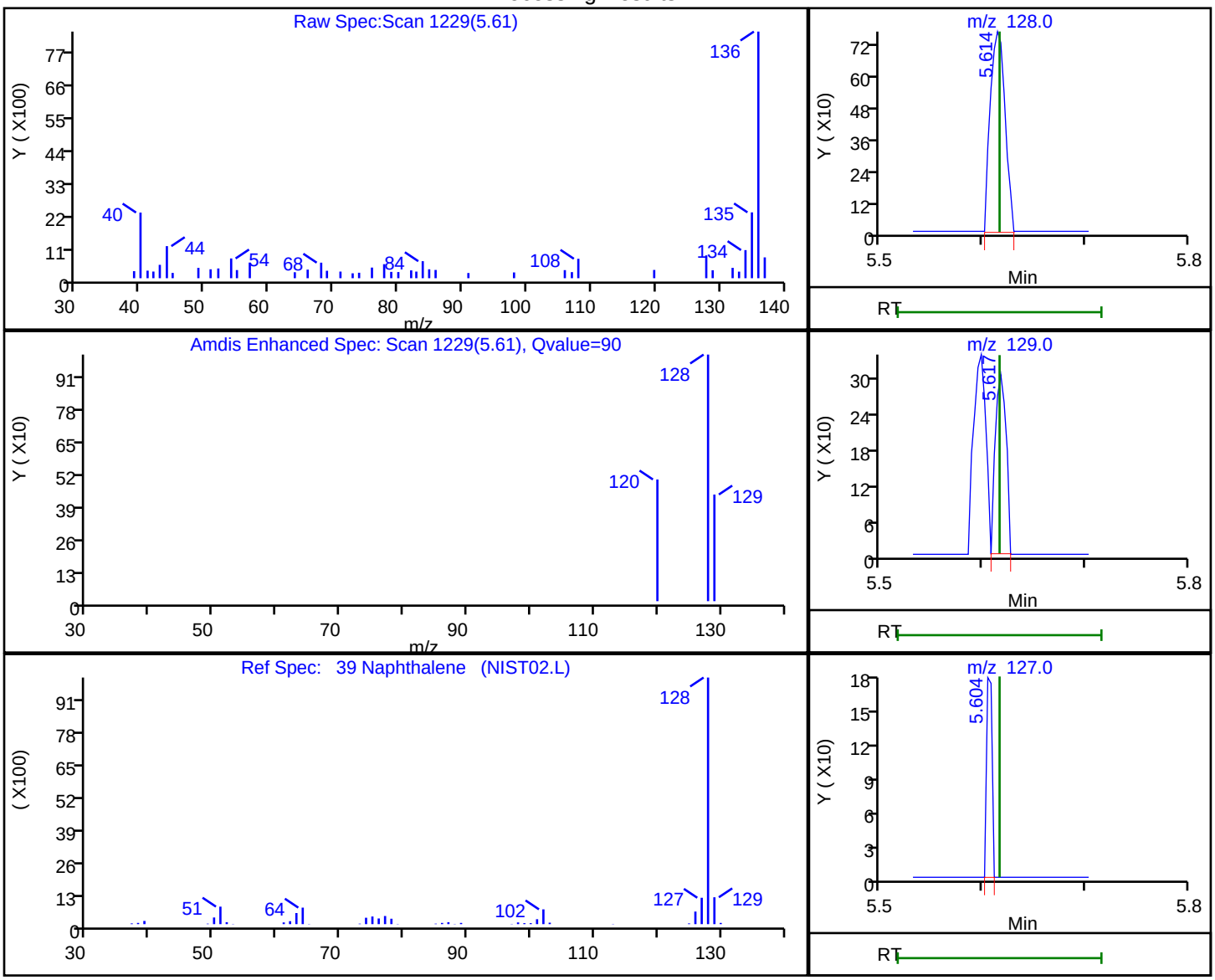
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85818.D				
Injection Date:	22-Jun-2024 14:12:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-4-A	Lab Sample ID:	460-220956-4		
Client ID:	MW-13S_20240617				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.61	128.00	775	0.002653
5.62	129.00	225	
5.60	127.00	65	

Reviewer: U6BX, 22-Jun-2024 16:38:31 -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.: 480-220956-1

SDG No.:

Client Sample ID: MW-22S_20240618 | Lab Sample ID: 480-220956-5

Matrix: Water | Lab File ID: P85819.D

Analysis Method: 8270E | Date Collected: 06/18/2024 12:00

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/22/2024 14:34

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.: 981562 | 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)	86		51-145
1718-51-0	Terphenyl-d14 (Surr)	94		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85819.D
Lims ID: 480-220956-B-5-A
Client ID: MW-22S_20240618
Sample Type: Client
Inject. Date: 22-Jun-2024 14:34:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-022
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:51:23 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.381	4.382	-0.001	96	585682	8.00	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	893026	8.63	
* 38 Naphthalene-d8	136	5.594	5.593	0.001	99	2289515	8.00	
$ 53 2-Fluorobiphenyl	172	6.626	6.629	-0.003	98	1819477	7.81	
* 64 Acenaphthene-d10	164	7.265	7.266	-0.001	95	1222957	8.00	
* 88 Phenanthrene-d10	188	8.668	8.671	-0.003	99	2099569	8.00	
$ 97 Terphenyl-d14	244	10.192	10.193	-0.001	97	1847689	9.40	
* 103 Chrysene-d12	240	11.293	11.296	-0.003	99	1271524	8.00	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1239272	8.00	

QC Flag Legend
Processing Flags

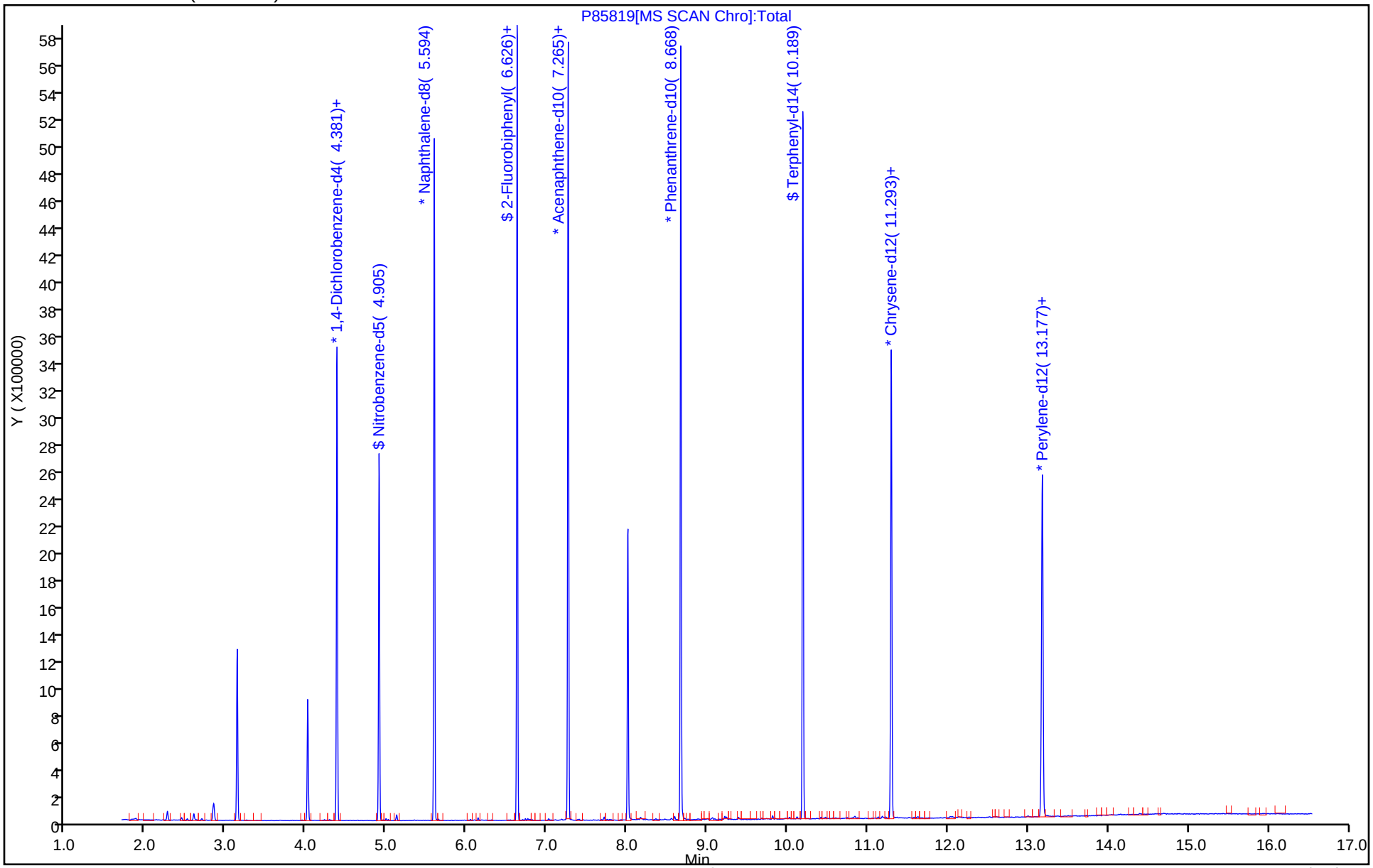
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:51:23 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85819.D				
Injection Date:	22-Jun-2024 14:34:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-B-5-A	Lab Sample ID:	460-220956-5	Worklist Smp#:	22
Client ID:	MW-22S_20240618				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85819.D				
Lims ID:	480-220956-B-5-A				
Client ID:	MW-22S_20240618				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 14:34:30	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-022				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:51:23	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.63	86.26
$ 53 2-Fluorobiphenyl	10.0	7.81	78.14
$ 97 Terphenyl-d14	10.0	9.40	93.95

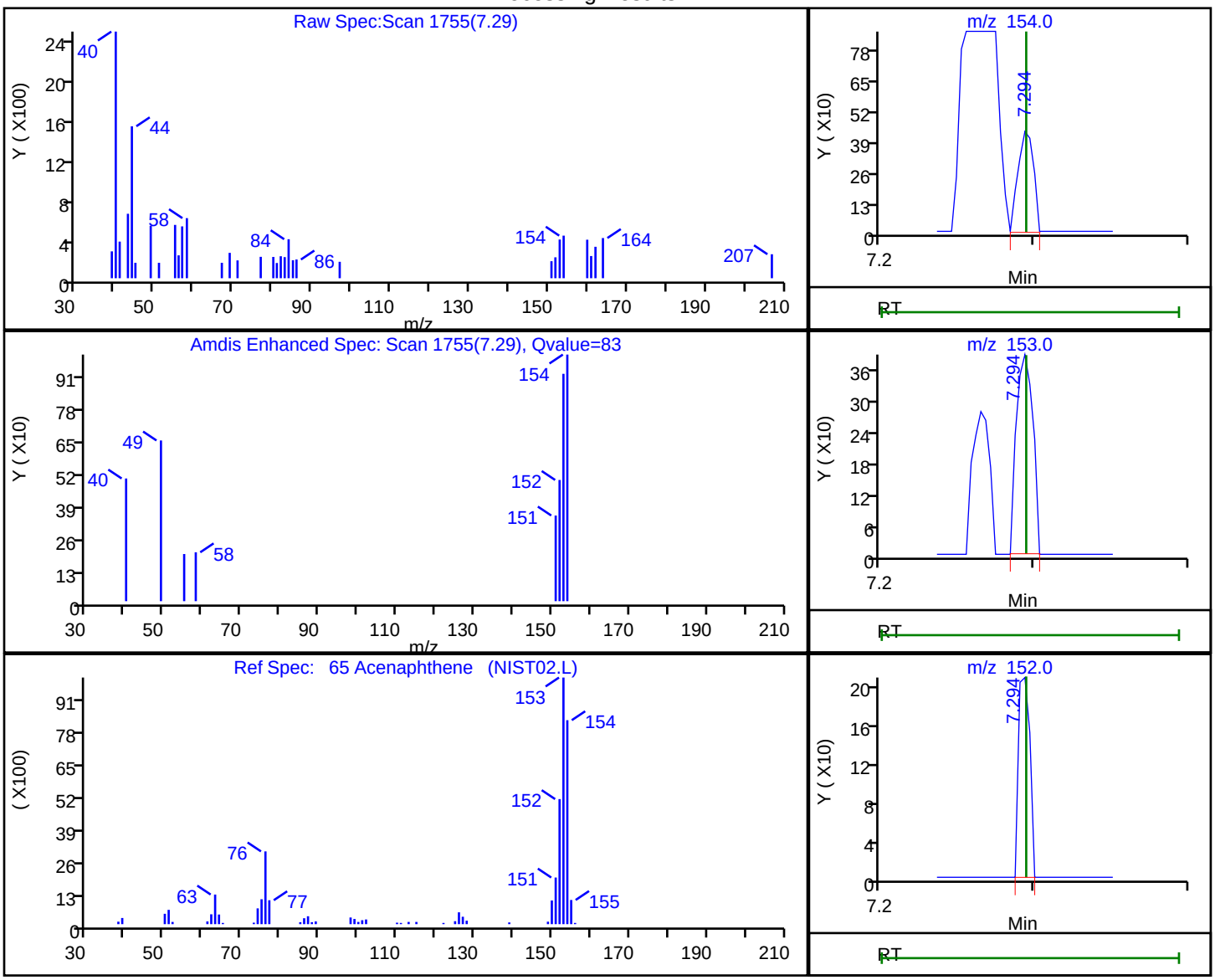
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85819.D				
Injection Date:	22-Jun-2024 14:34:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-B-5-A	Lab Sample ID:	460-220956-5		
Client ID:	MW-22S_20240618				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.29	154.00	300	0.001675
7.29	153.00	293	
7.29	152.00	109	

Reviewer: V5XH, 24-Jun-2024 10:51:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

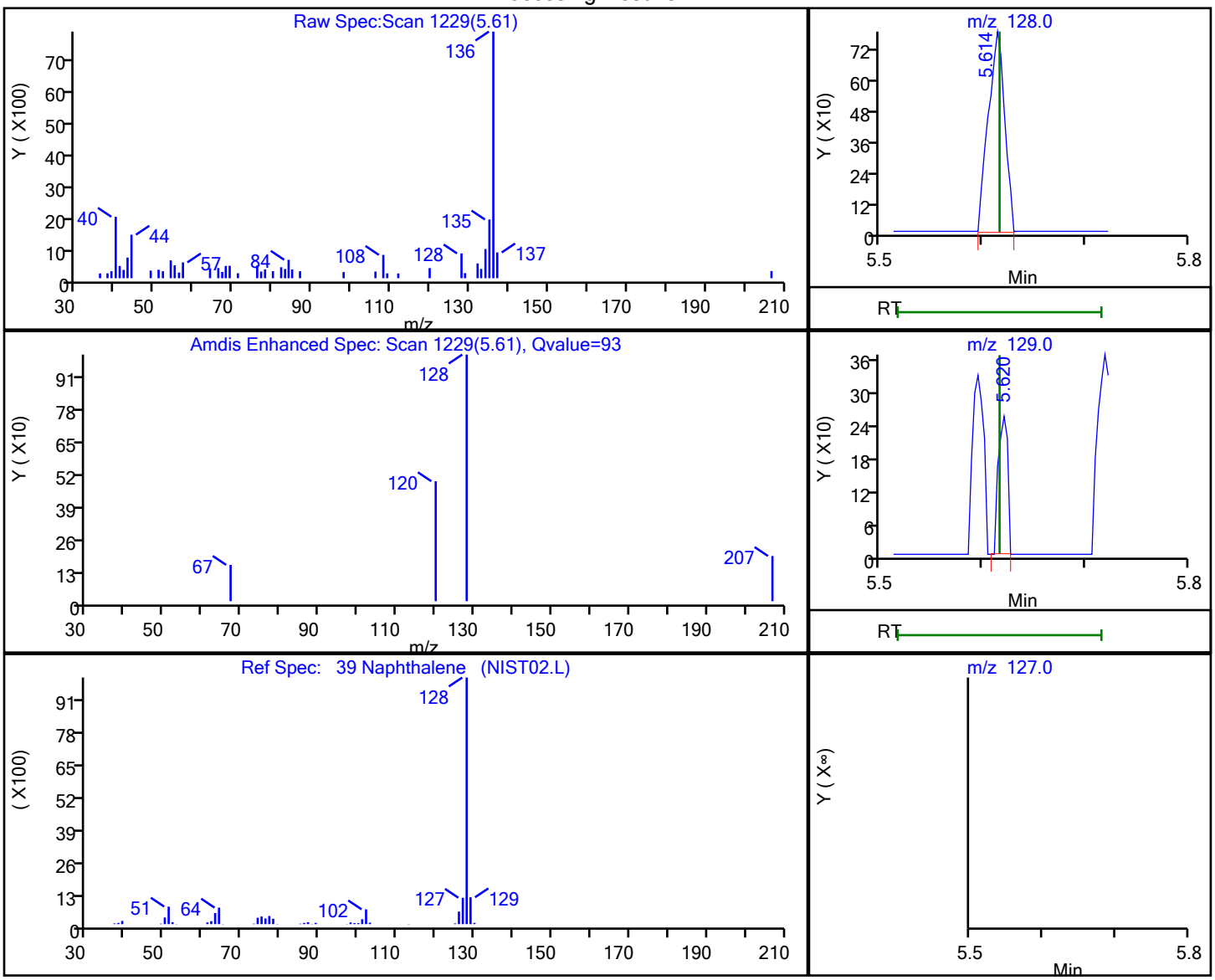
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85819.D				
Injection Date:	22-Jun-2024 14:34:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-B-5-A	Lab Sample ID:	460-220956-5		
Client ID:	MW-22S_20240618				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.61	128.00	875	0.002874
5.62	129.00	161	
5.62	127.00	0	

Reviewer: U6BX, 22-Jun-2024 16:38:44 -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.: 480-220956-1
SDG No.:
Client Sample ID: MW-23S_20240618
Lab Sample ID: 480-220956-6
Matrix: Water
Lab File ID: P85850.D
Analysis Method: 8270E
Date Collected: 06/18/2024 09:20
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 22:03
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.: 981794
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	59		10	1.1
208-96-8	Acenaphthylene	1.1	J	10	0.82
120-12-7	Anthracene	3.4	J	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	1.6	J	10	0.84
86-73-7	Fluorene	16		10	0.91
91-20-3	Naphthalene	62		2.0	0.54
85-01-8	Phenanthrene	14		10	1.3
129-00-0	Pyrene	2.1	J	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	105		51-145
1718-51-0	Terphenyl-d14 (Surr)	60		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D
Lims ID: 480-220956-A-6-A
Client ID: MW-23S_20240618
Sample Type: Client
Inject. Date: 23-Jun-2024 22:03:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-017
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:51:38 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.372	4.377	-0.005	95	288628	8.00	
$ 28 Nitrobenzene-d5	82	4.899	4.904	-0.005	85	555800	10.5	
* 38 Naphthalene-d8	136	5.590	5.592	-0.002	99	1173454	8.00	
39 Naphthalene	128	5.609	5.611	-0.002	99	1202710	7.71	
$ 53 2-Fluorobiphenyl	172	6.623	6.625	-0.002	98	1230850	9.81	
62 Acenaphthylene	152	7.125	7.127	-0.002	95	20734	0.1358	
* 64 Acenaphthene-d10	164	7.259	7.262	-0.003	95	659003	8.00	
65 Acenaphthene	154	7.288	7.290	-0.002	95	707399	7.33	
73 Fluorene	166	7.778	7.780	-0.002	95	217007	1.98	
* 88 Phenanthrene-d10	188	8.661	8.664	-0.003	99	1246580	8.00	
89 Phenanthrene	178	8.683	8.686	-0.003	98	289207	1.76	
90 Anthracene	178	8.731	8.734	-0.003	98	69977	0.4234	
93 Fluoranthene	202	9.809	9.812	-0.003	96	30328	0.1960	
95 Pyrene	202	10.023	10.021	0.000	96	42621	0.2591	
$ 97 Terphenyl-d14	244	10.183	10.187	-0.004	97	804724	5.97	
* 103 Chrysene-d12	240	11.286	11.288	-0.002	99	871848	8.00	
* 110 Perylene-d12	264	13.167	13.167	0.000	99	941505	8.00	

QC Flag Legend
Processing Flags

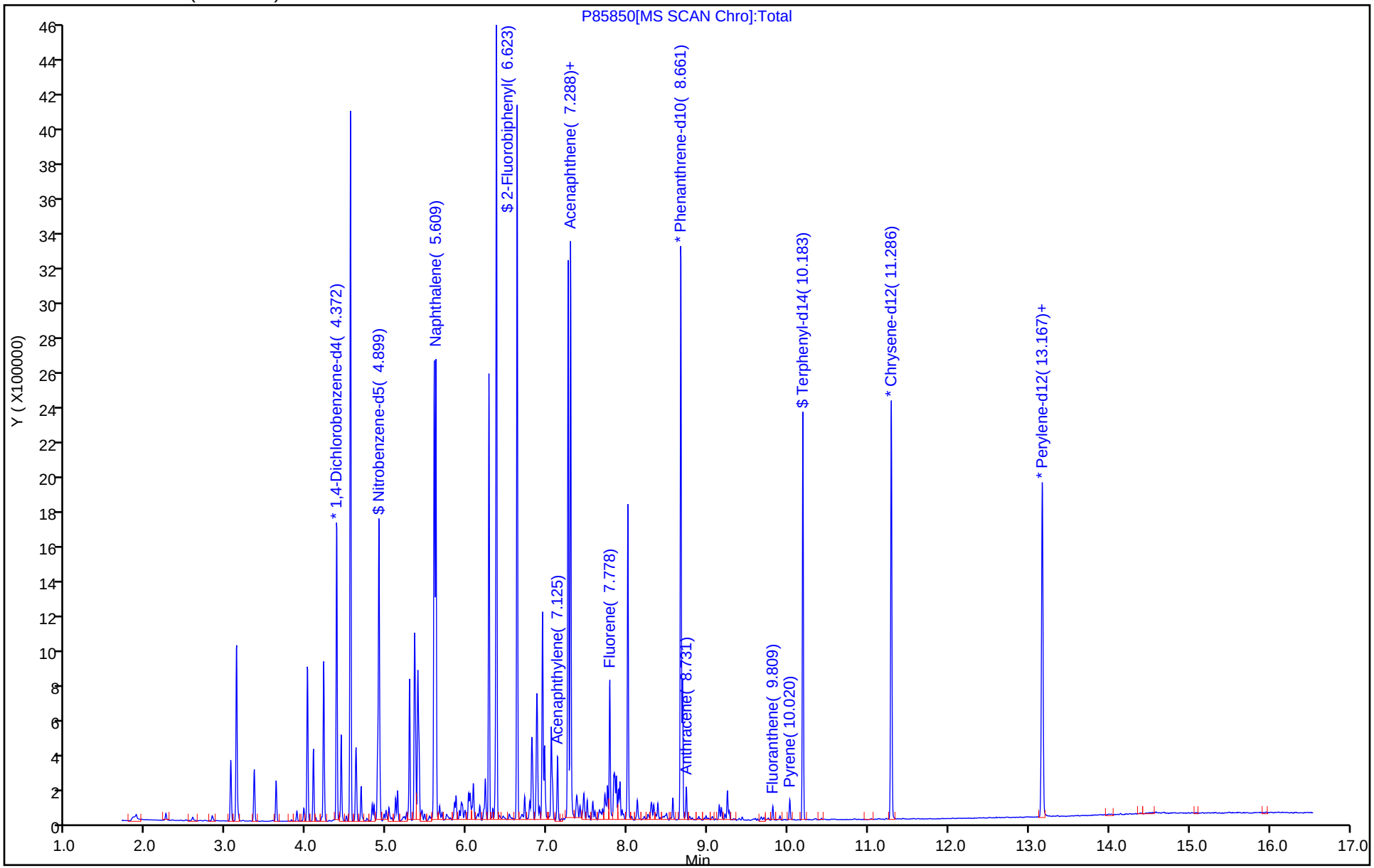
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6	Worklist Smp#:	17
Client ID:	MW-23S_20240618				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Lims ID:	480-220956-A-6-A				
Client ID:	MW-23S_20240618				
Sample Type:	Client				
Inject. Date:	23-Jun-2024 22:03:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-017				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 06:51:38	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:00

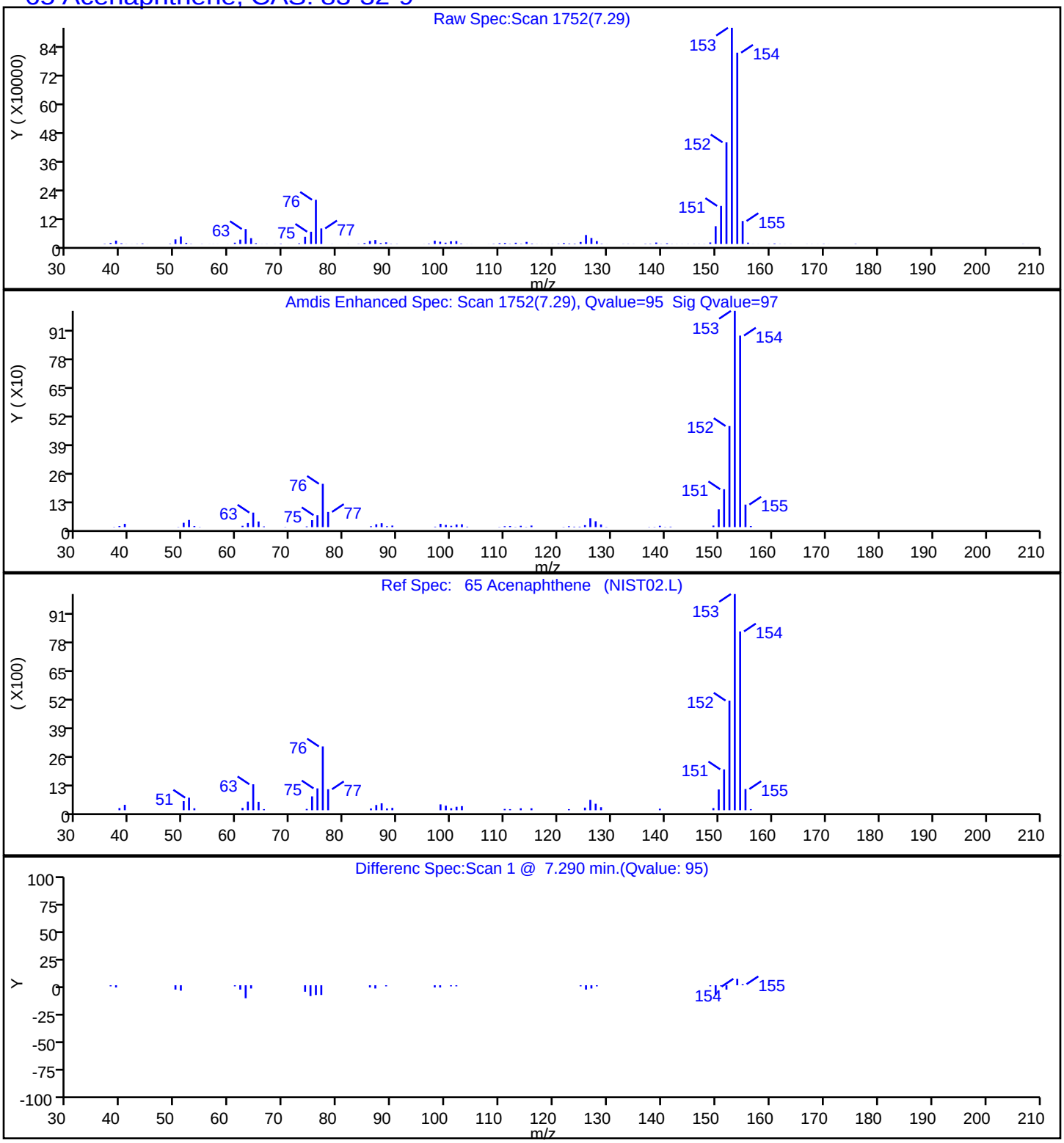
Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	10.5	104.75
$ 53 2-Fluorobiphenyl	10.0	9.81	98.10
$ 97 Terphenyl-d14	10.0	5.97	59.68

Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

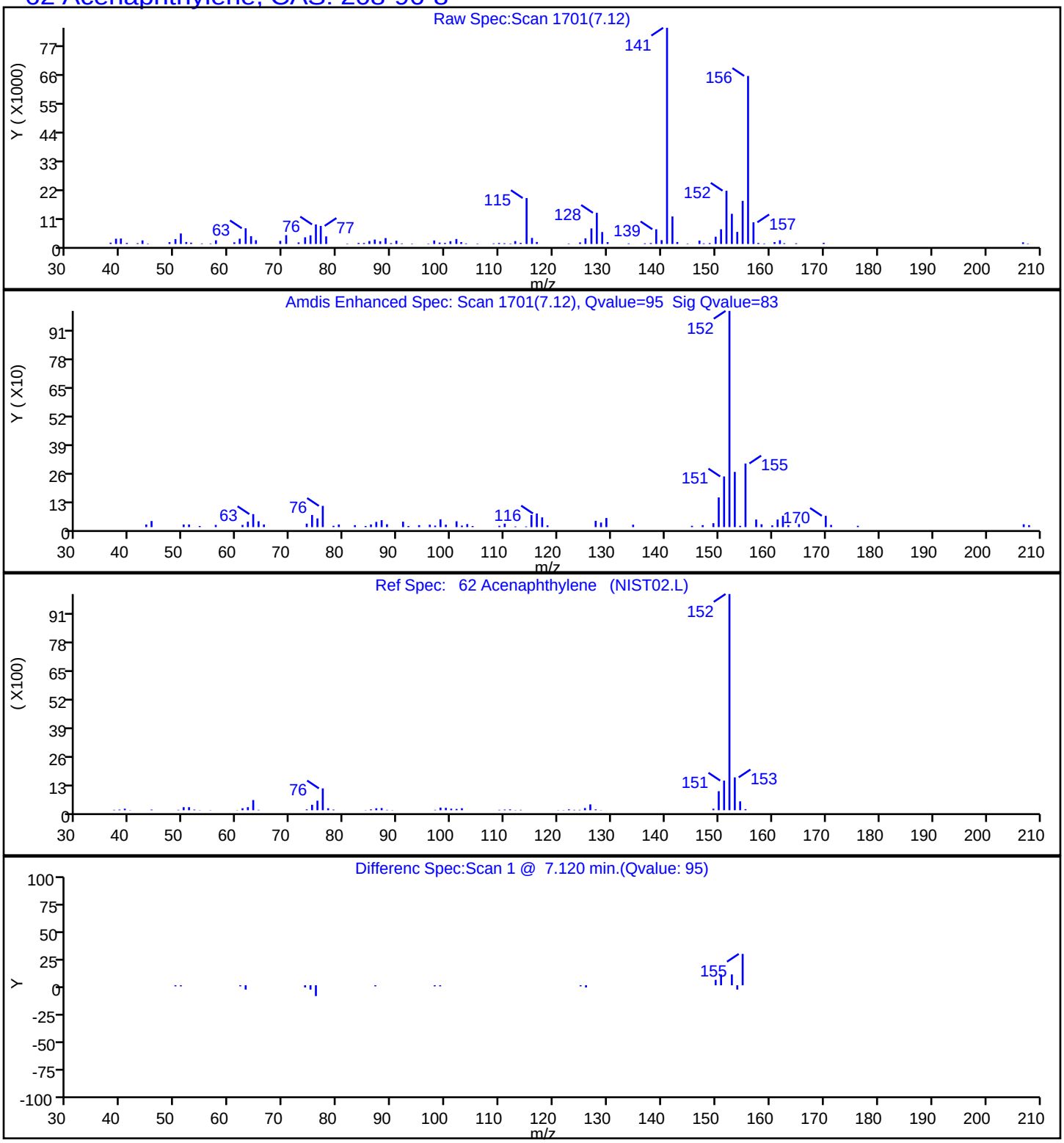


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

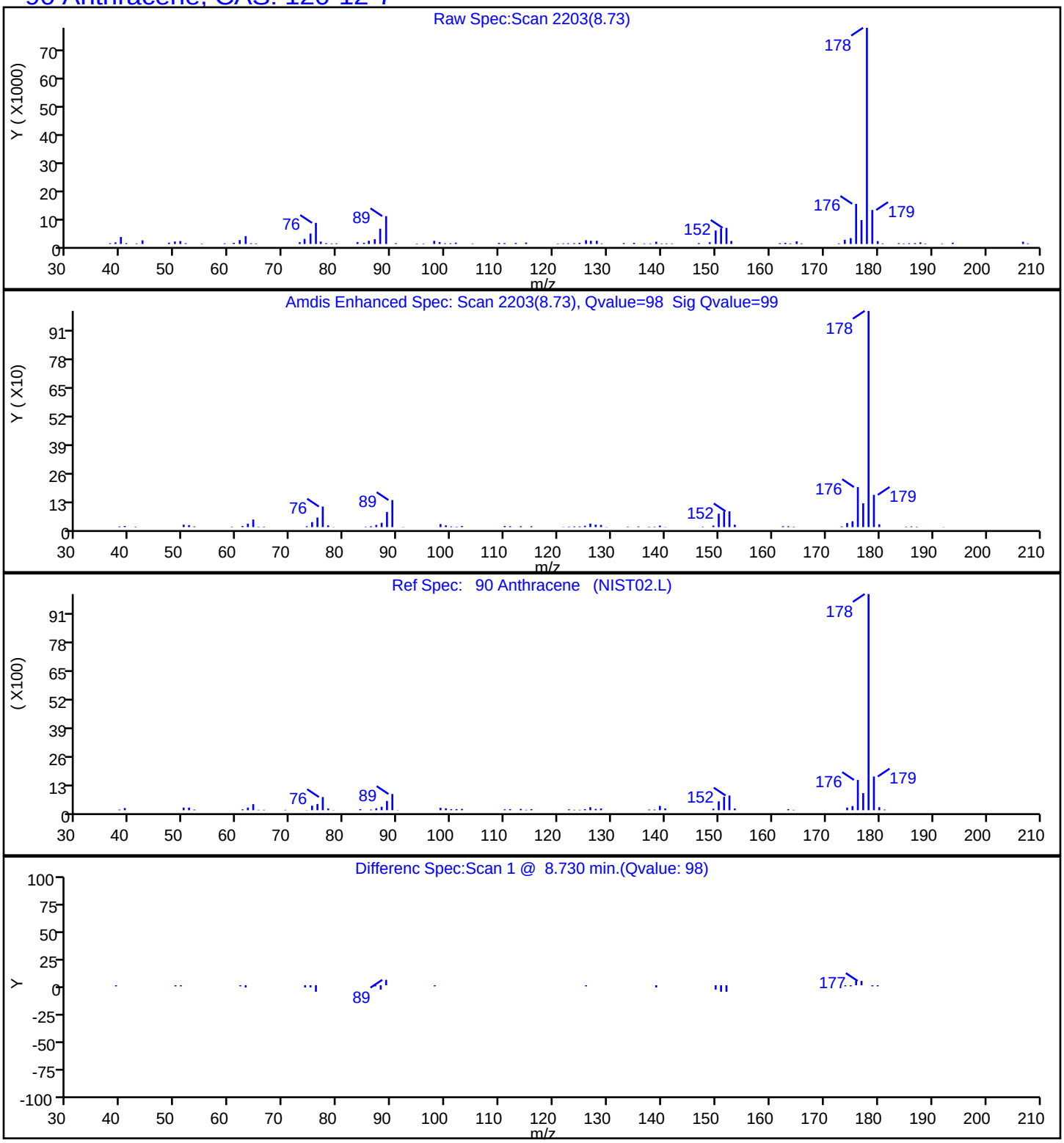


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

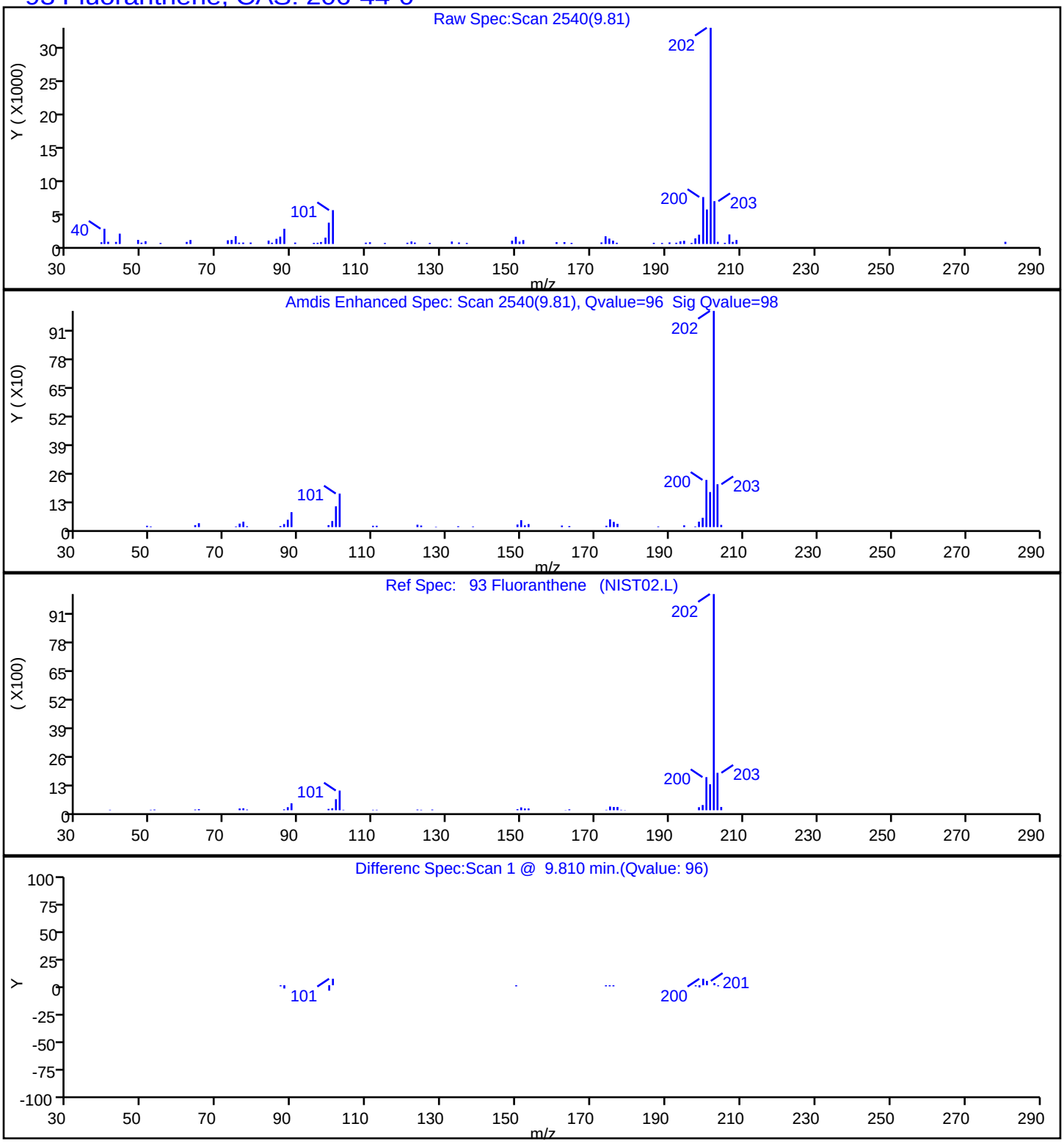


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

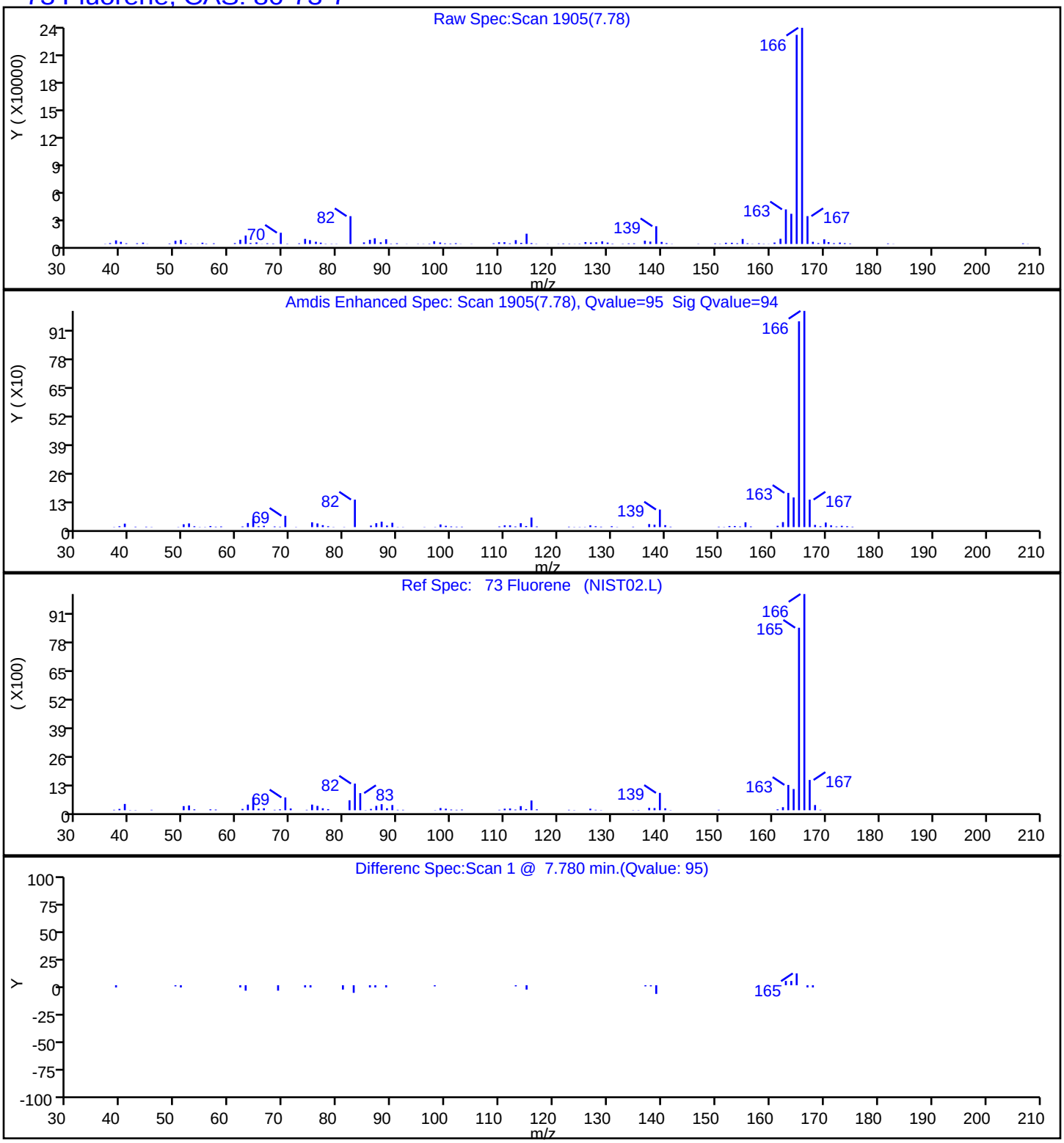


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7

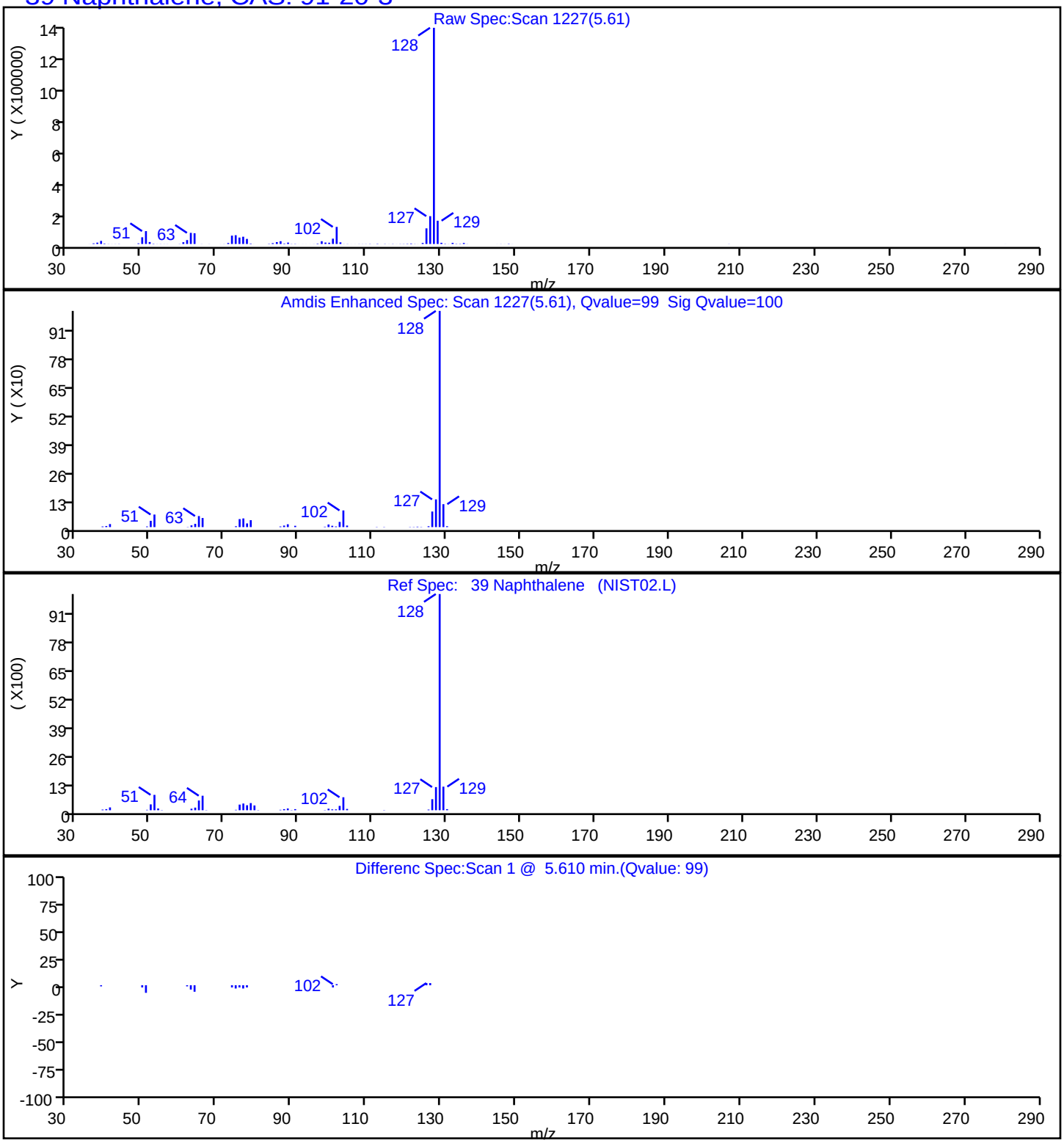


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

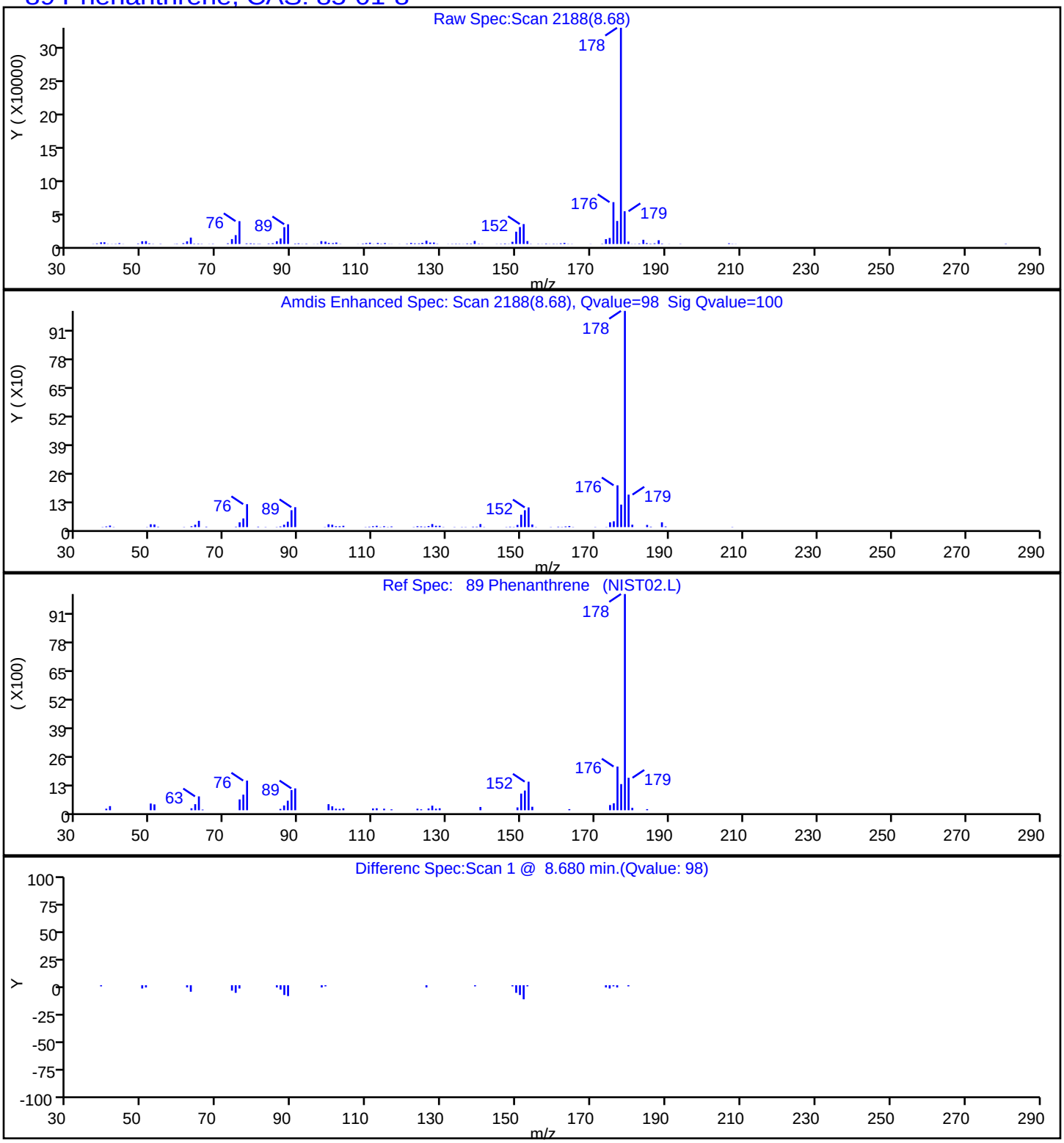


Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8

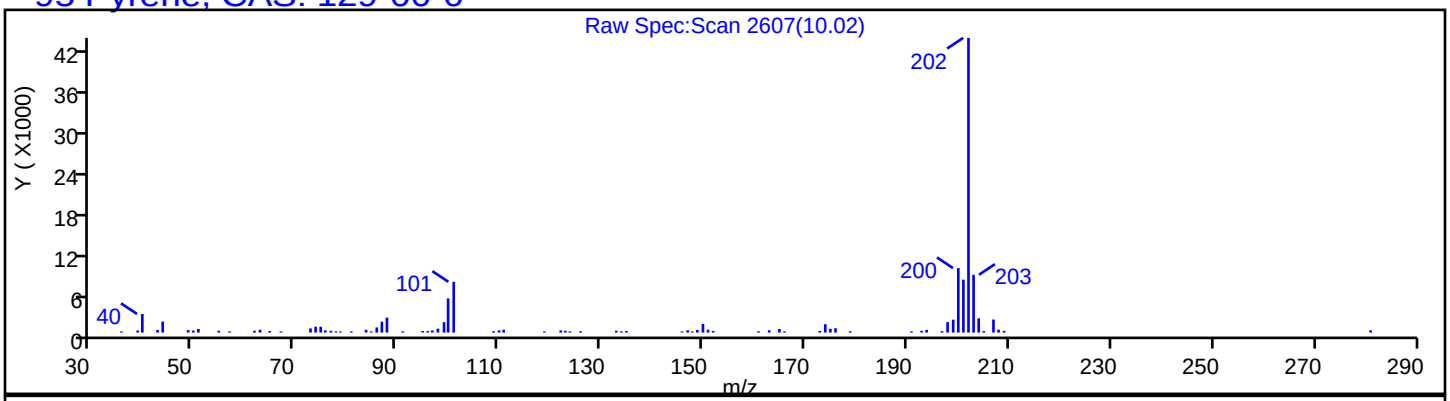


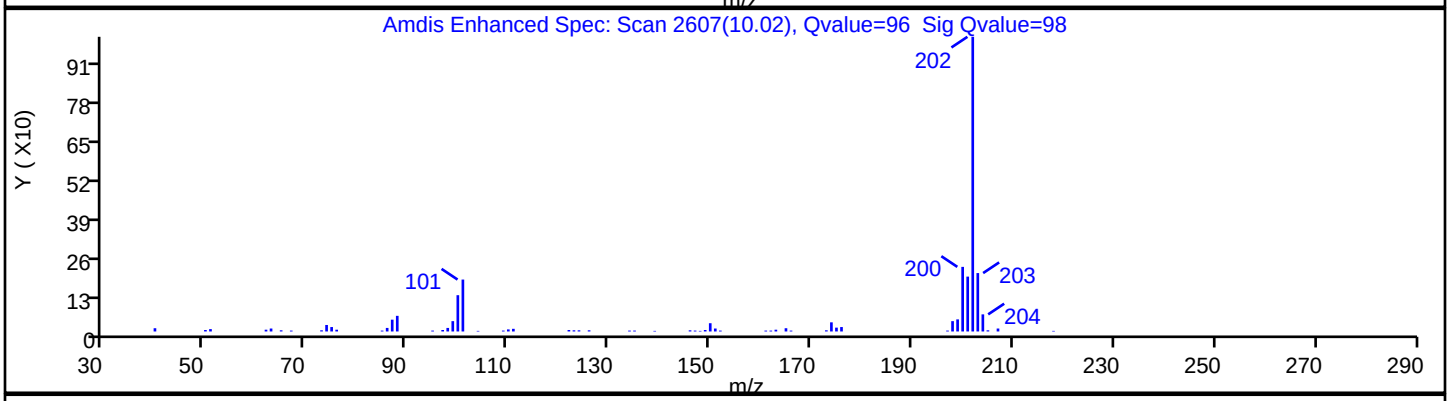
Report Date: 24-Jun-2024 06:51:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

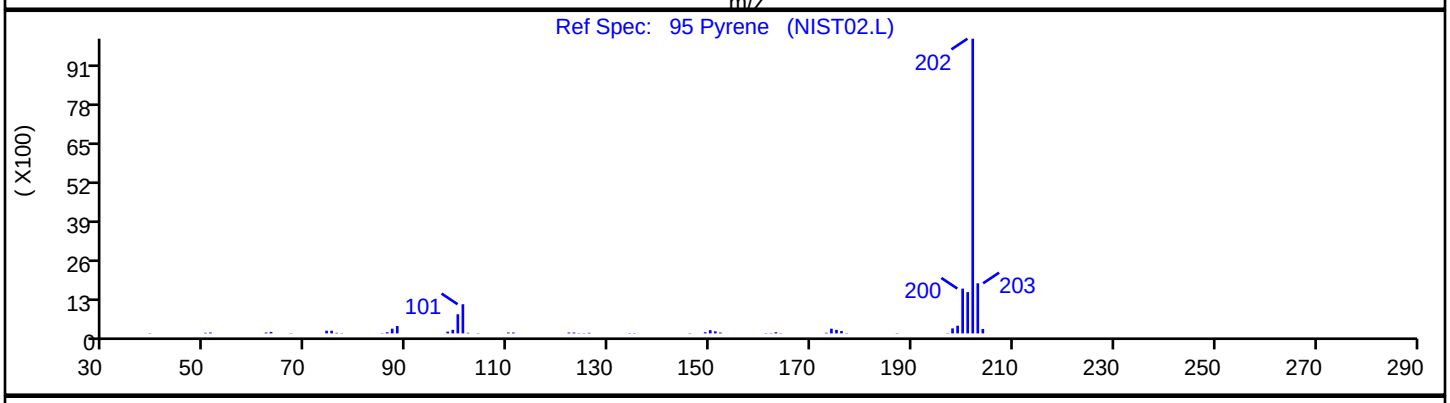
Eurofins Edison

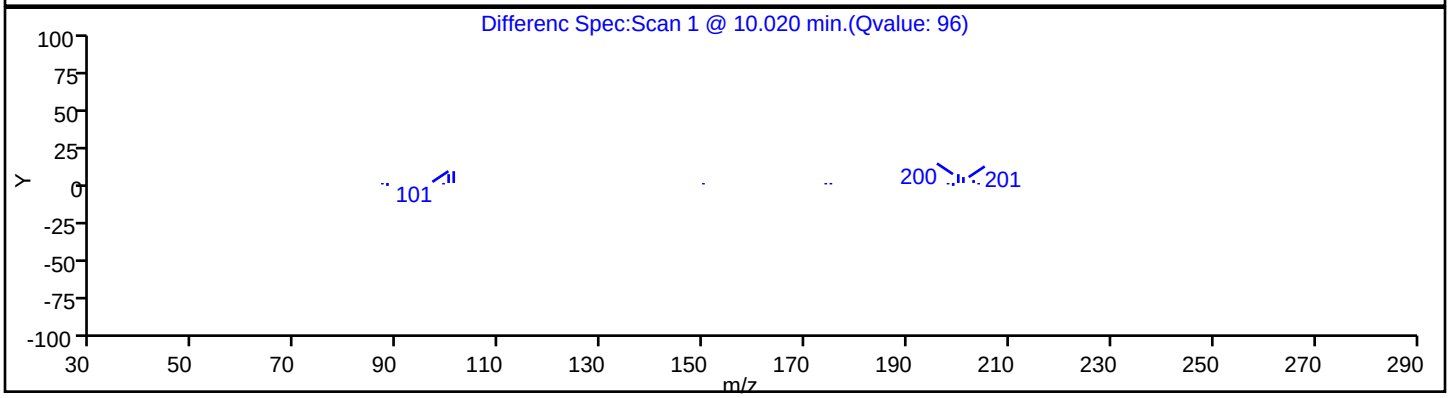
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0









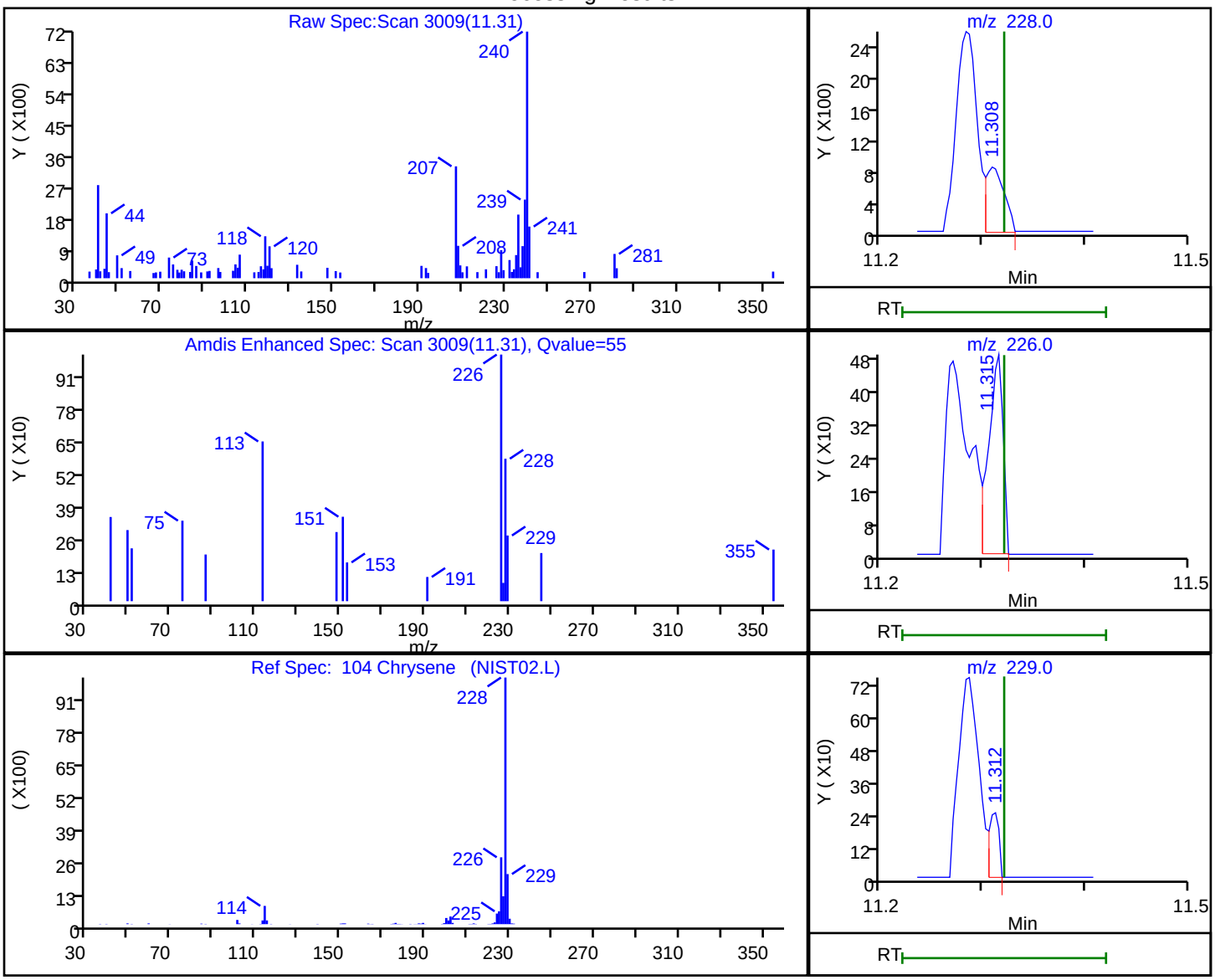
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85850.D				
Injection Date:	23-Jun-2024 22:03:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.31	228.00	1009	0.007465
11.31	226.00	474	
11.31	229.00	160	

Reviewer: G4KC, 24-Jun-2024 06:51:35 -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.: 480-220956-1

SDG No.:

Client Sample ID: MW-46S_20240618 | Lab Sample ID: 480-220956-7

Matrix: Water | Lab File ID: P85851.D

Analysis Method: 8270E | Date Collected: 06/18/2024 13:20

Extract. Method: 3510C | Date Extracted: 06/22/2024 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 06/23/2024 22:24

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.: 981794 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	19		10	1.1
208-96-8	Acenaphthylene	5.3	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	1.2	J	10	0.84
86-73-7	Fluorene	7.2	J	10	0.91
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	5.0	J	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	100		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	105		51-145
1718-51-0	Terphenyl-d14 (Surr)	70		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D
Lims ID: 480-220956-A-7-A
Client ID: MW-46S_20240618
Sample Type: Client
Inject. Date: 23-Jun-2024 22:24:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-018
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:51:45 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.375	4.377	-0.002	95	323032	8.00	
$ 28 Nitrobenzene-d5	82	4.899	4.904	-0.005	85	614436	10.5	
* 38 Naphthalene-d8	136	5.590	5.592	-0.002	99	1297123	8.00	
$ 53 2-Fluorobiphenyl	172	6.623	6.625	-0.002	98	1345733	9.99	
62 Acenaphthylene	152	7.122	7.127	-0.005	98	109519	0.6680	
* 64 Acenaphthene-d10	164	7.260	7.262	-0.002	95	707852	8.00	
65 Acenaphthene	154	7.288	7.290	-0.002	96	249199	2.40	
73 Fluorene	166	7.778	7.780	-0.002	94	105612	0.8987	
* 88 Phenanthrene-d10	188	8.661	8.664	-0.003	99	1346121	8.00	
89 Phenanthrene	178	8.684	8.686	-0.002	98	111210	0.6269	
90 Anthracene	178	8.732	8.734	-0.002	98	37083	0.2078	
93 Fluoranthene	202	9.810	9.812	-0.002	98	24408	0.1461	
$ 97 Terphenyl-d14	244	10.184	10.187	-0.003	97	1030550	7.05	
* 103 Chrysene-d12	240	11.288	11.288	0.000	99	945254	8.00	
* 110 Perylene-d12	264	13.167	13.167	0.000	98	913204	8.00	

QC Flag Legend
Processing Flags

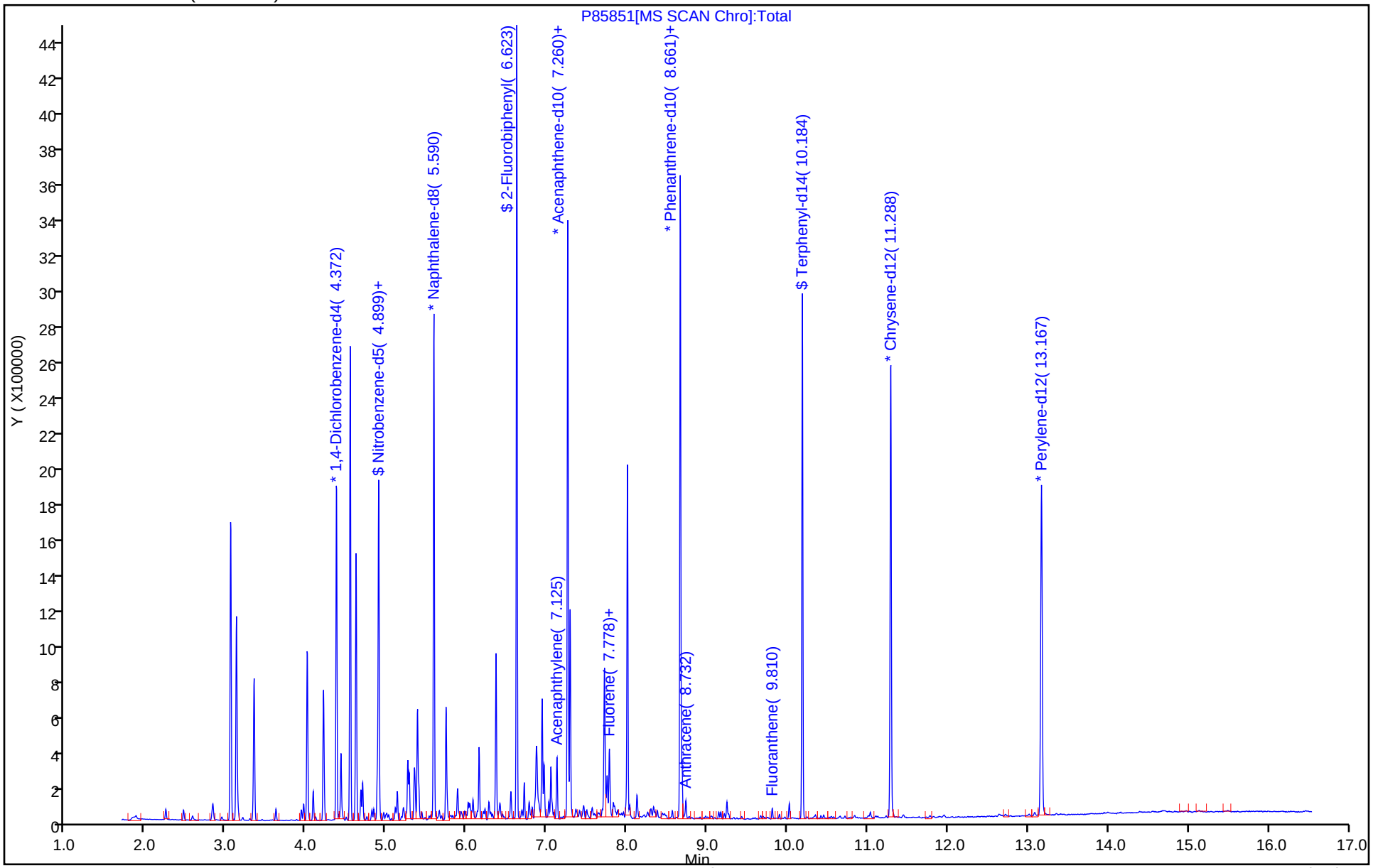
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7	Worklist Smp#:	18
Client ID:	MW-46S_20240618				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Lims ID:	480-220956-A-7-A				
Client ID:	MW-46S_20240618				
Sample Type:	Client				
Inject. Date:	23-Jun-2024 22:24:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-018				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 06:51:45	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:21

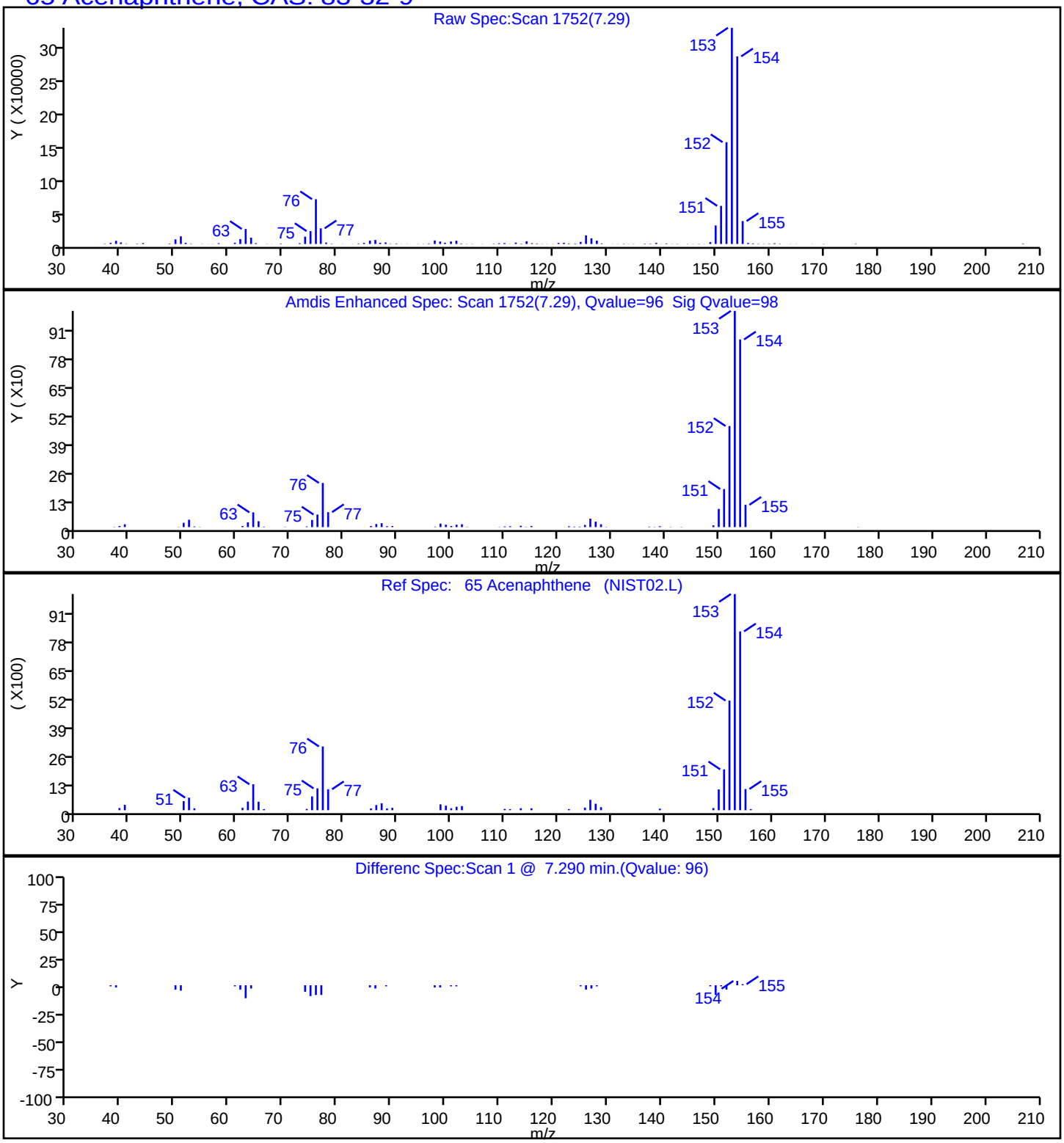
Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	10.5	104.76
$ 53 2-Fluorobiphenyl	10.0	9.99	99.86
$ 97 Terphenyl-d14	10.0	7.05	70.49

Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

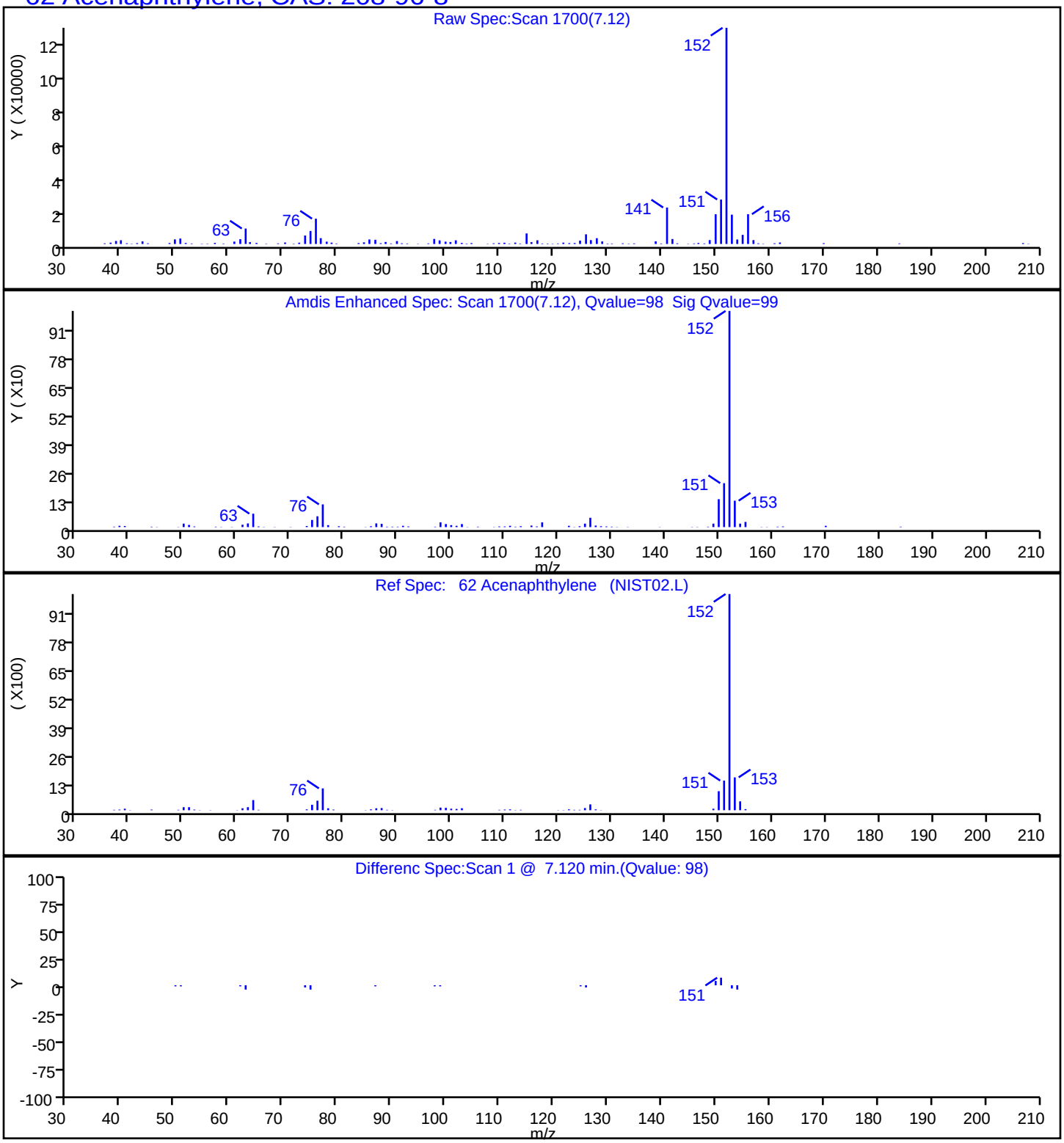


Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

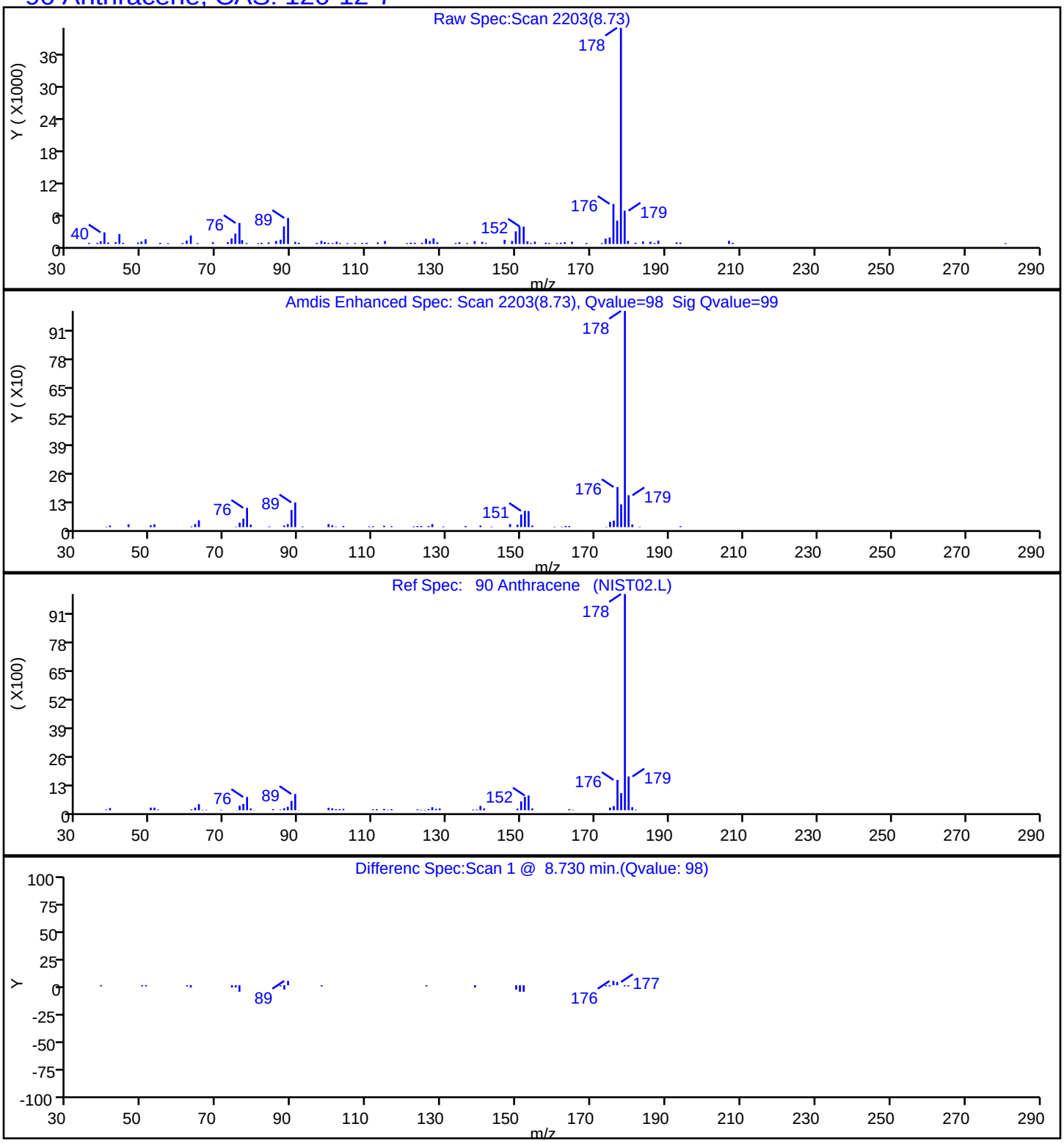


Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

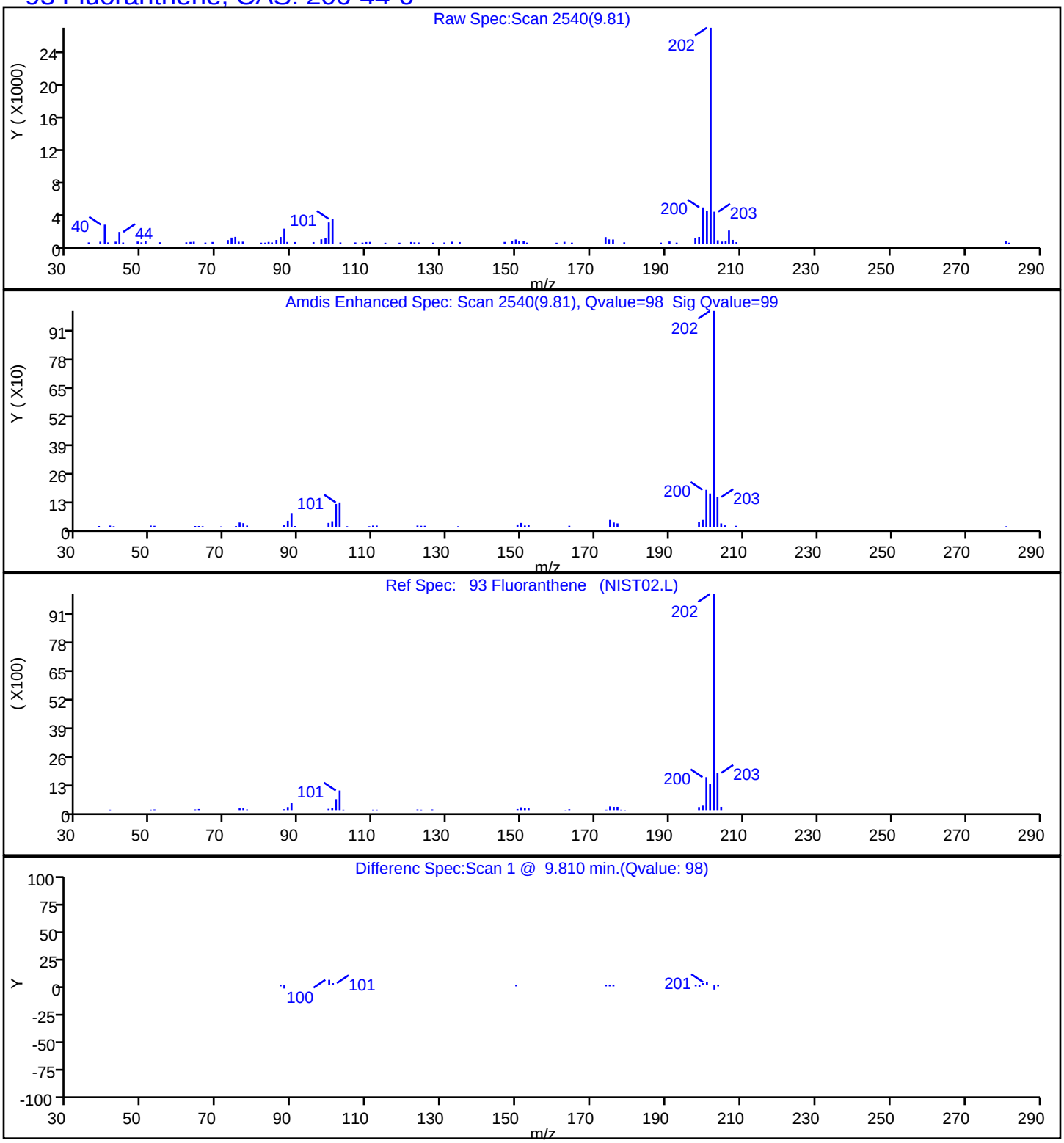


Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

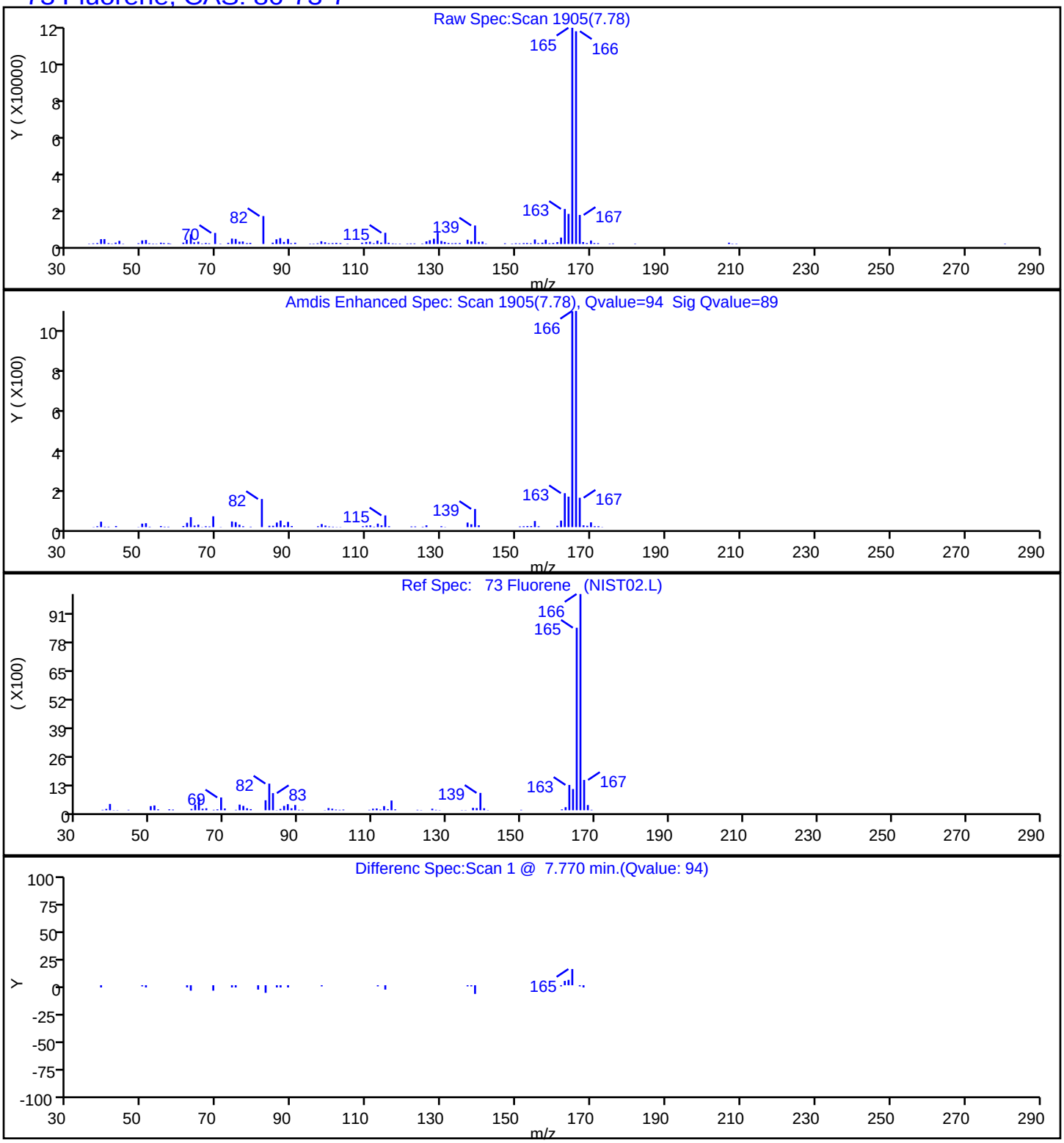


Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7

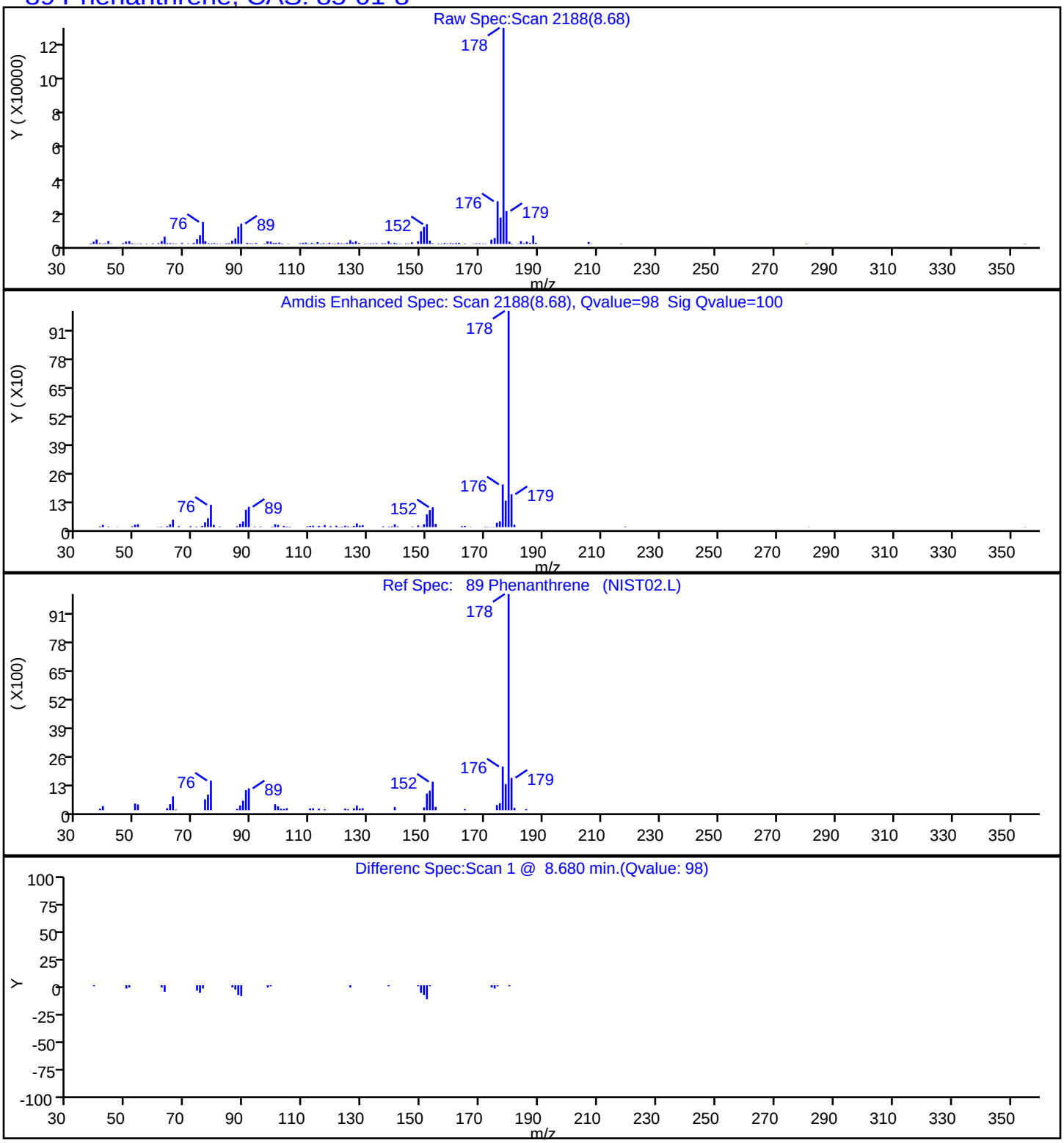


Report Date: 24-Jun-2024 06:51:45 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



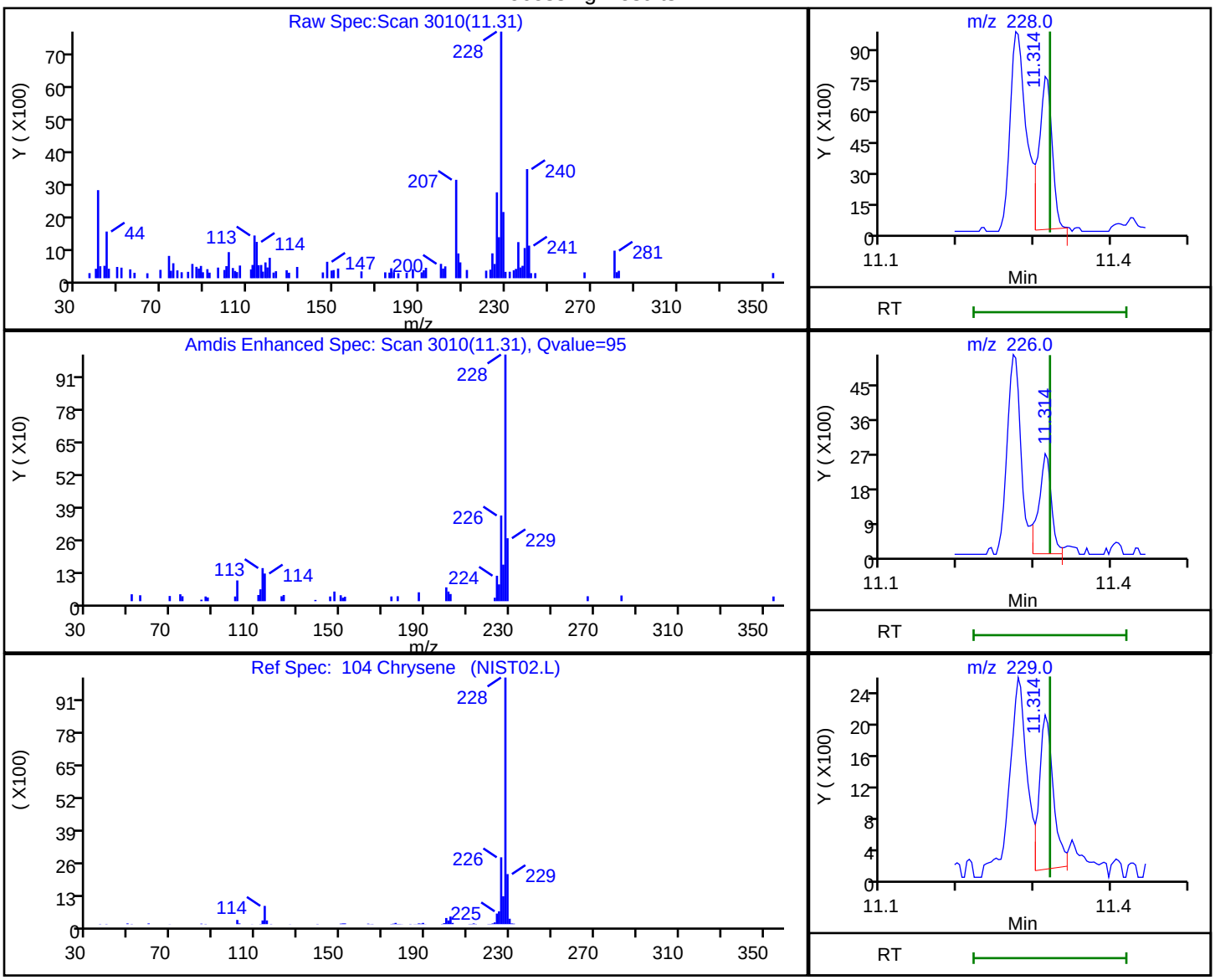
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.31	228.00	8733	0.059590
11.31	226.00	3035	
11.31	229.00	2448	

Reviewer: G4KC, 24-Jun-2024 06:51:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

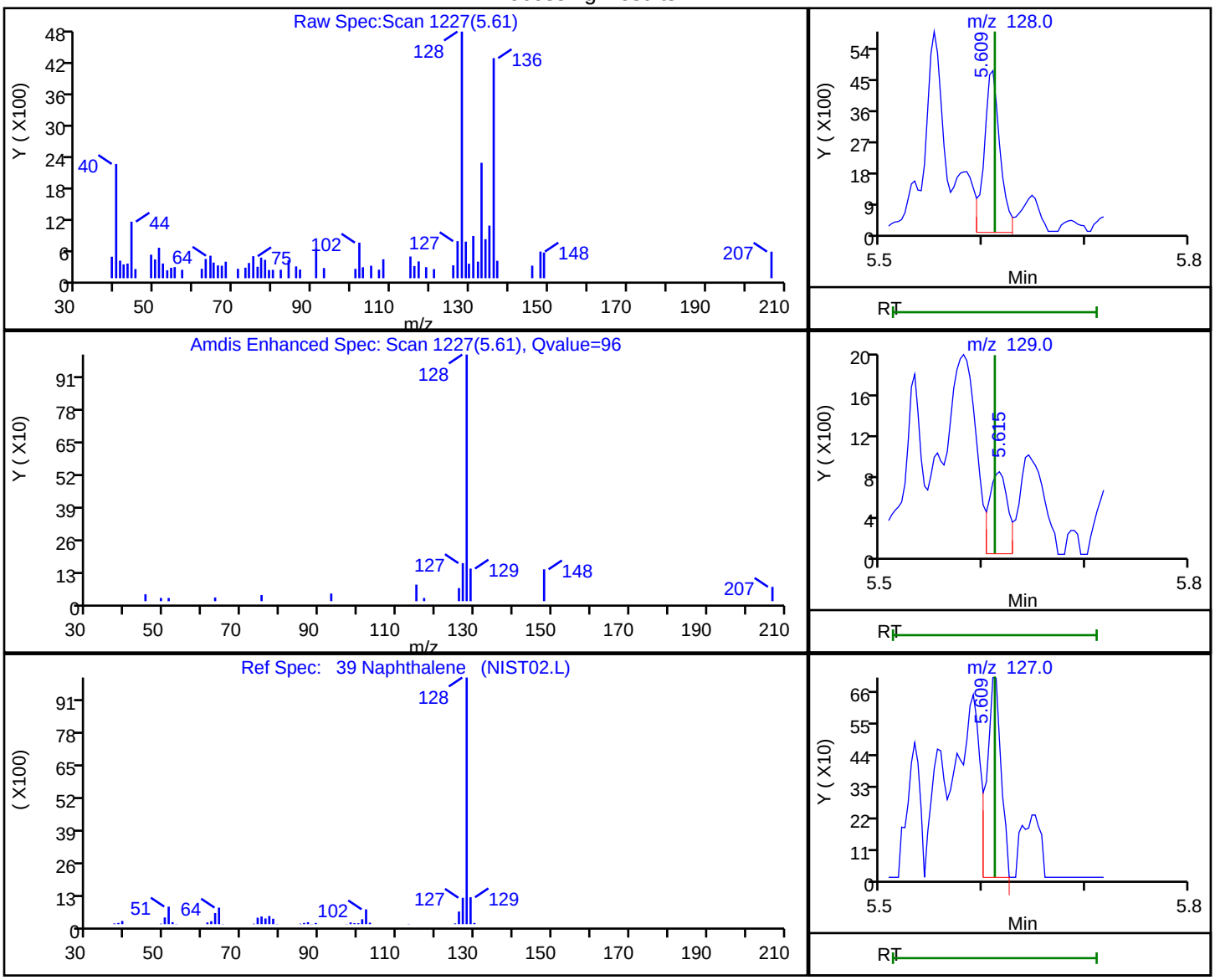
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.61	128.00	5106	0.029605
5.62	129.00	1014	
5.61	127.00	677	

Reviewer: V5XH, 24-Jun-2024 14:48:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

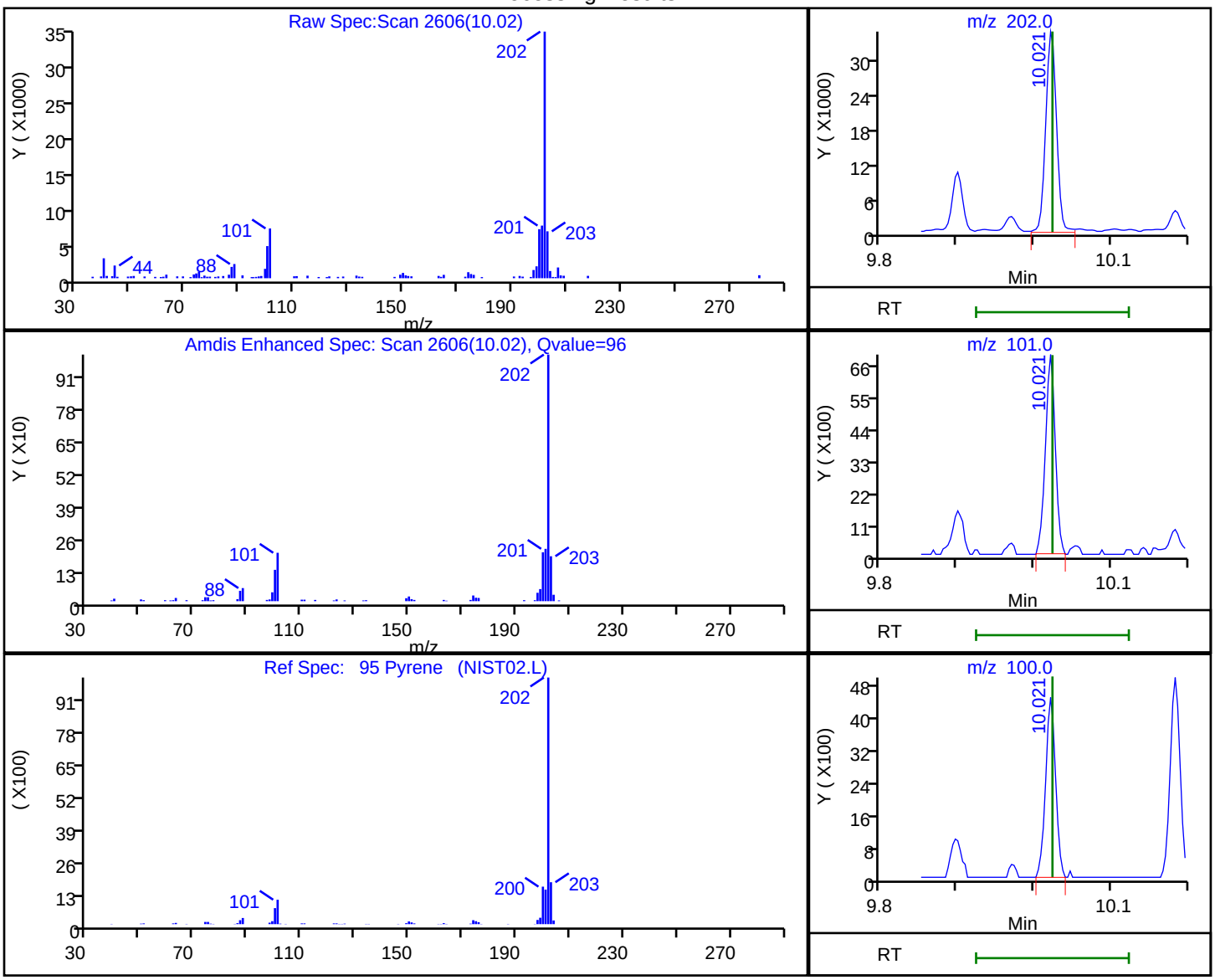
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85851.D				
Injection Date:	23-Jun-2024 22:24:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
10.02	202.00	33454	0.187580
10.02	101.00	6230	
10.02	100.00	4056	

Reviewer: G4KC, 24-Jun-2024 06:51:43 -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.: 480-220956-1
SDG No.:
Client Sample ID: MW-48S_20240618
Lab Sample ID: 480-220956-8
Matrix: Water
Lab File ID: P85852.D
Analysis Method: 8270E
Date Collected: 06/18/2024 10:40
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 22:46
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.: 981794
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	23		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	2.1	J	10	0.91
91-20-3	Naphthalene	73		2.0	0.54
85-01-8	Phenanthrene	2.8	J	10	1.3
129-00-0	Pyrene	10	U	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)	48		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D
Lims ID: 480-220956-A-8-A
Client ID: MW-48S_20240618
Sample Type: Client
Inject. Date: 23-Jun-2024 22:46:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-019
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:51:52 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.375	4.377	-0.002	95	302511	8.00	
$ 28 Nitrobenzene-d5	82	4.899	4.904	-0.005	87	513452	9.25	
* 38 Naphthalene-d8	136	5.589	5.592	-0.003	99	1227273	8.00	
39 Naphthalene	128	5.608	5.611	-0.003	99	1498131	9.18	
$ 53 2-Fluorobiphenyl	172	6.621	6.625	-0.004	97	1121547	8.70	
* 64 Acenaphthene-d10	164	7.257	7.262	-0.005	95	676819	8.00	
65 Acenaphthene	154	7.290	7.290	0.000	96	288431	2.91	
73 Fluorene	166	7.775	7.780	-0.005	95	29122	0.2592	
* 88 Phenanthrene-d10	188	8.662	8.664	-0.002	99	1269417	8.00	
89 Phenanthrene	178	8.684	8.686	-0.002	98	58934	0.3523	
$ 97 Terphenyl-d14	244	10.183	10.187	-0.004	97	695942	4.84	
* 103 Chrysene-d12	240	11.287	11.288	-0.001	99	929706	8.00	
* 110 Perylene-d12	264	13.167	13.167	0.000	99	1020462	8.00	

QC Flag Legend
Processing Flags

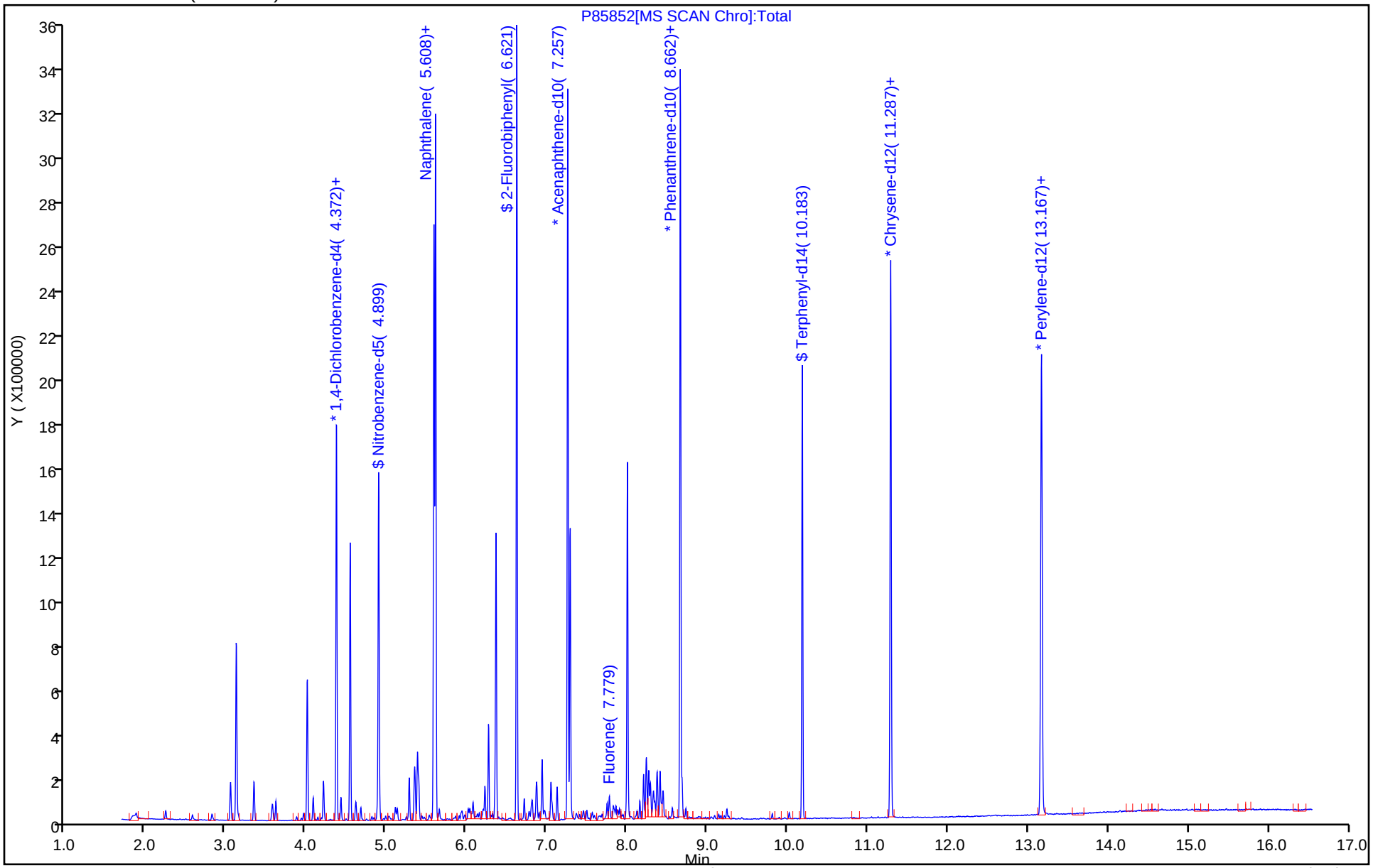
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 06:51:52 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8	Worklist Smp#:	19
Client ID:	MW-48S_20240618				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Lims ID:	480-220956-A-8-A				
Client ID:	MW-48S_20240618				
Sample Type:	Client				
Inject. Date:	23-Jun-2024 22:46:30	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-019				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 06:51:52	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:38

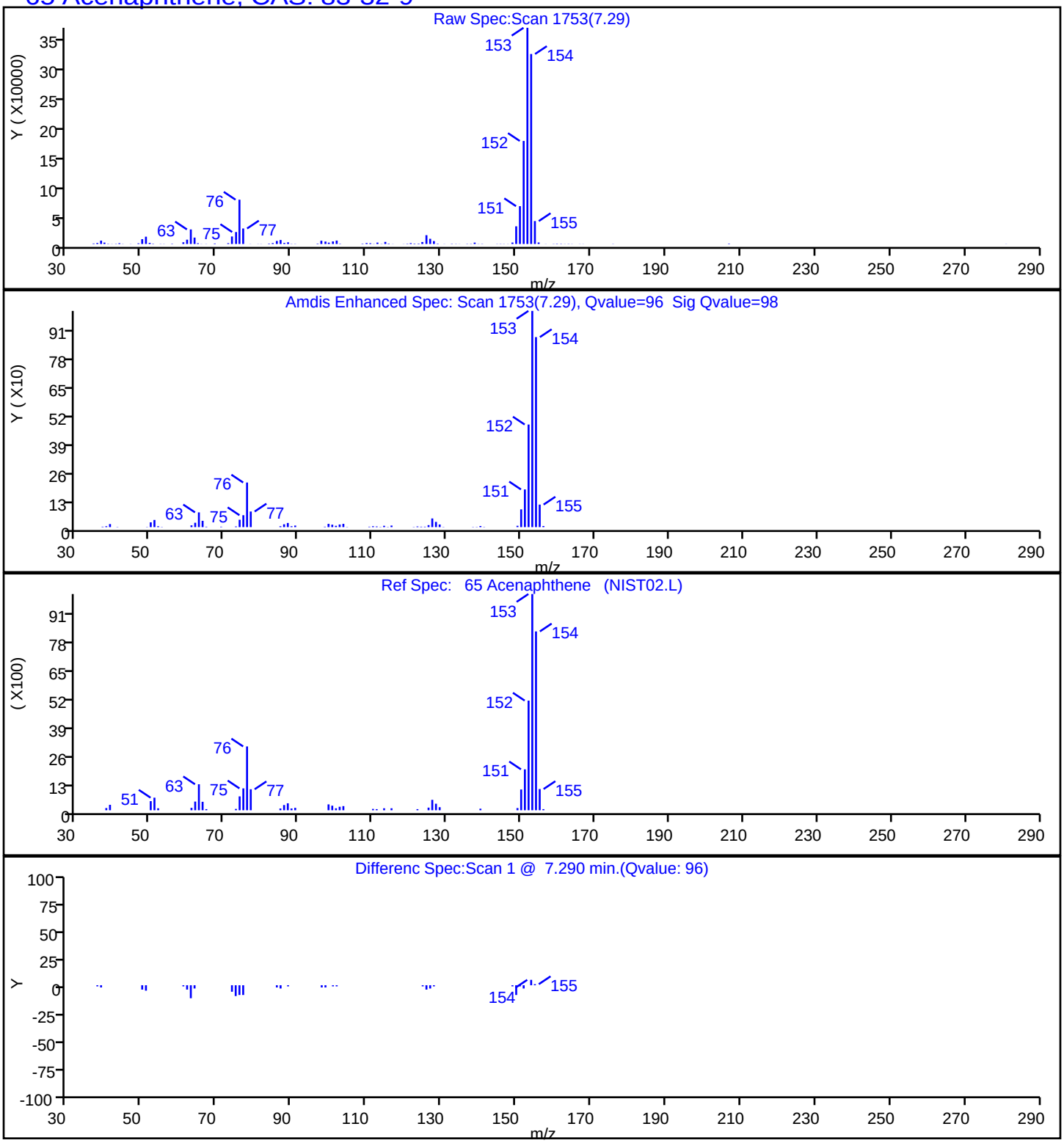
Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.25	92.52
$ 53 2-Fluorobiphenyl	10.0	8.70	87.04
$ 97 Terphenyl-d14	10.0	4.84	48.40

Report Date: 24-Jun-2024 06:51:52 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

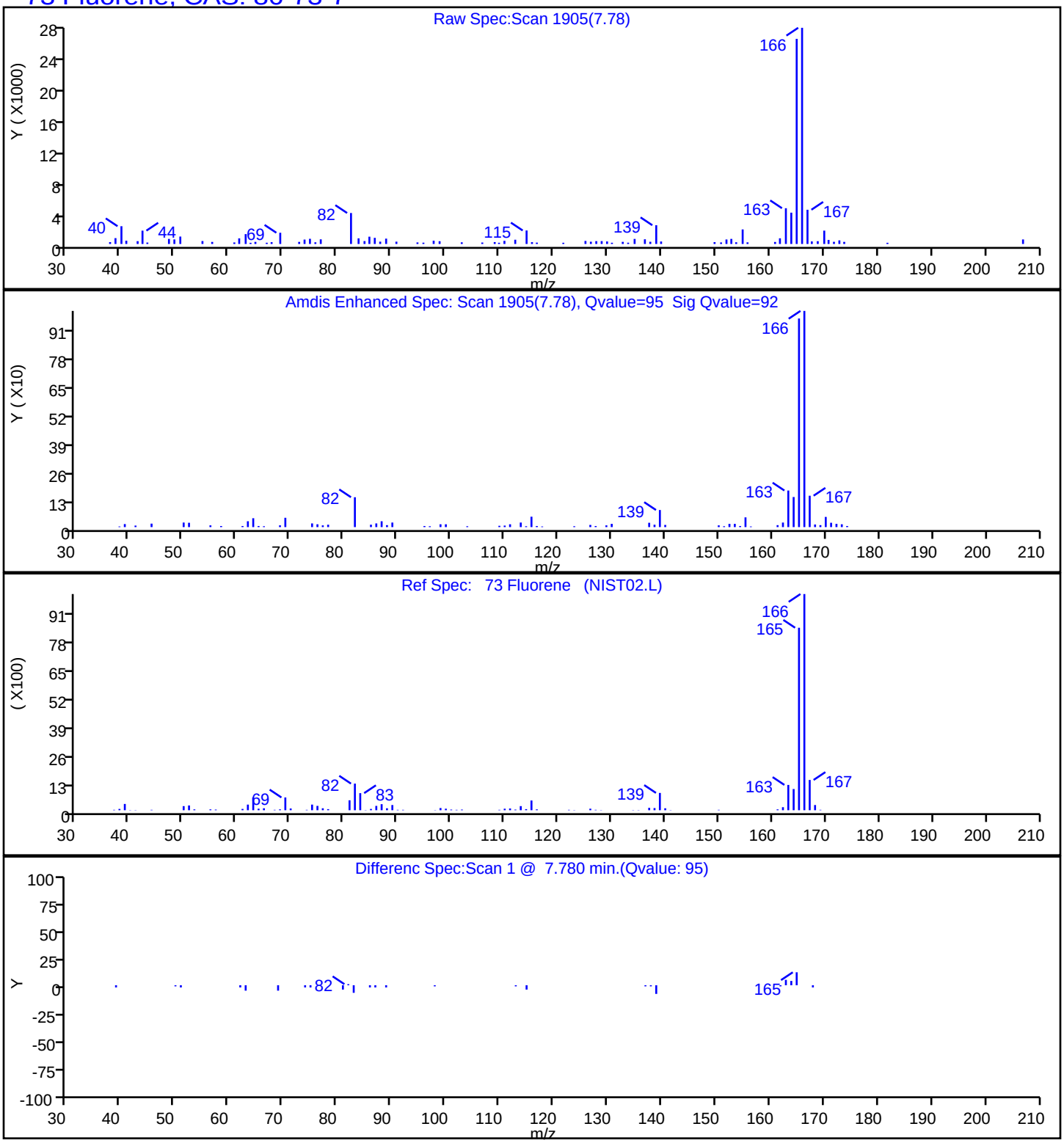


Report Date: 24-Jun-2024 06:51:52 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7

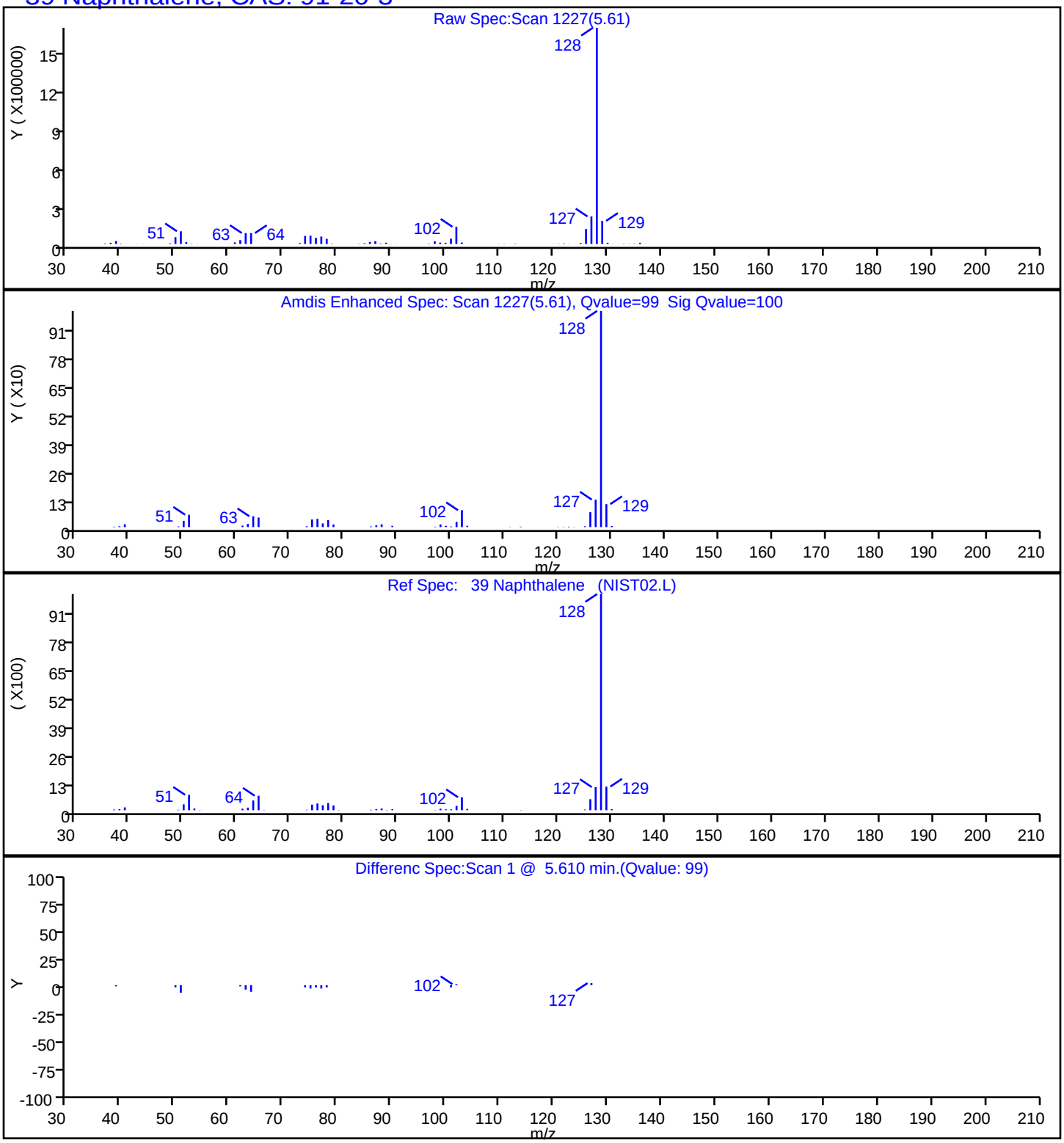


Report Date: 24-Jun-2024 06:51:52 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

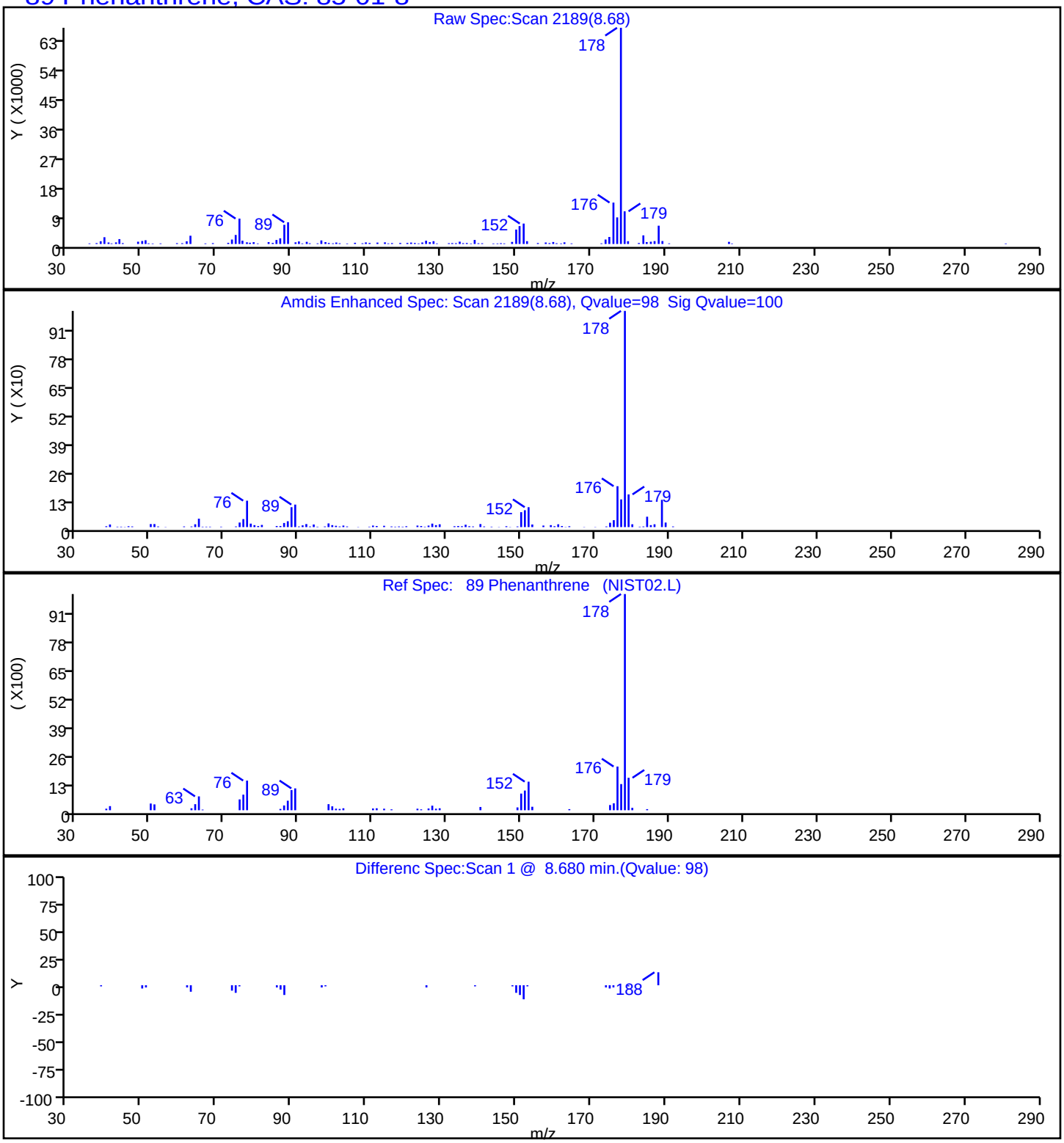


Report Date: 24-Jun-2024 06:51:52 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



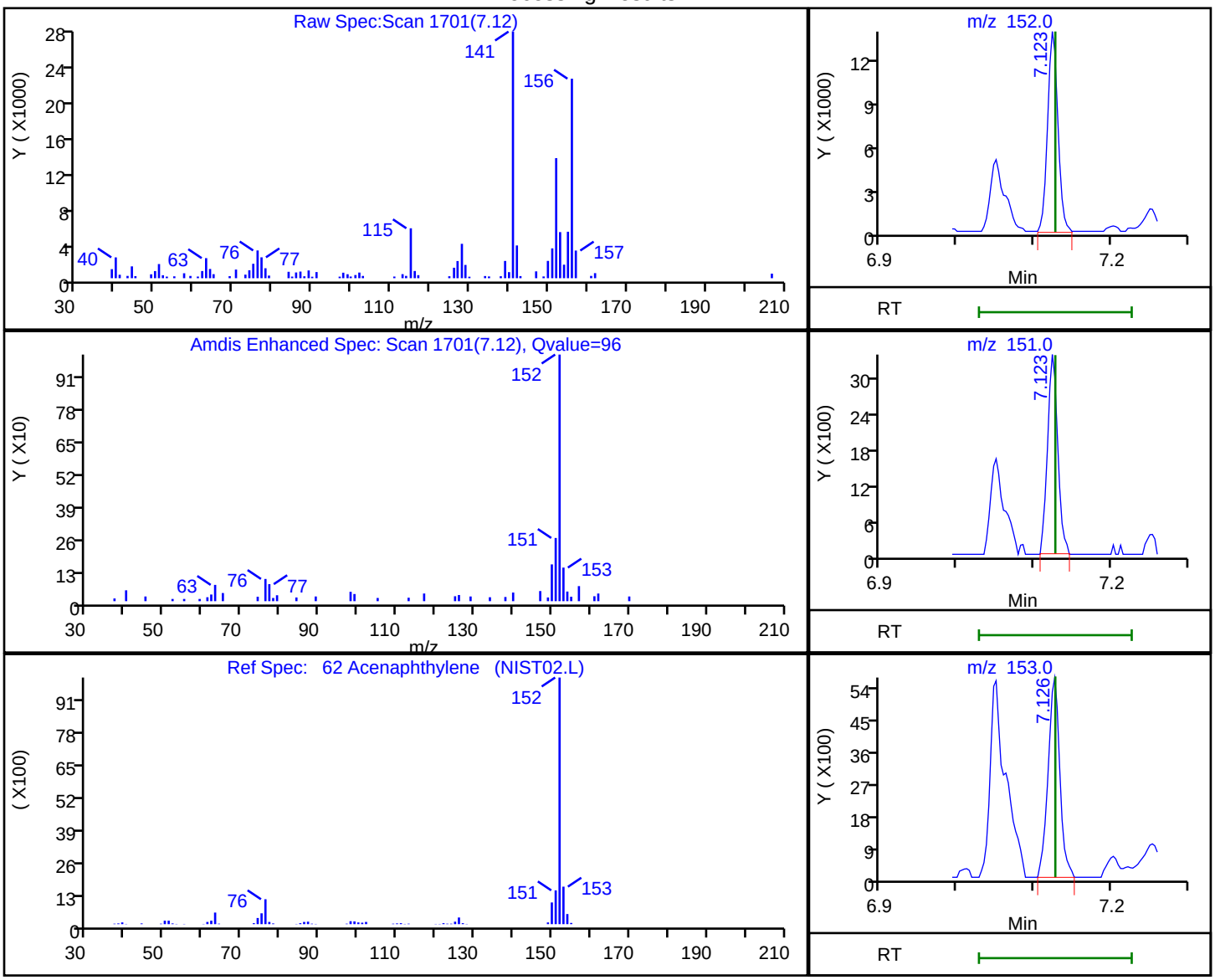
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Processing Results



RT	Mass	Response	Amount
7.12	152.00	12703	0.081032
7.12	151.00	3158	
7.13	153.00	5997	

Reviewer: G4KC, 24-Jun-2024 06:51:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

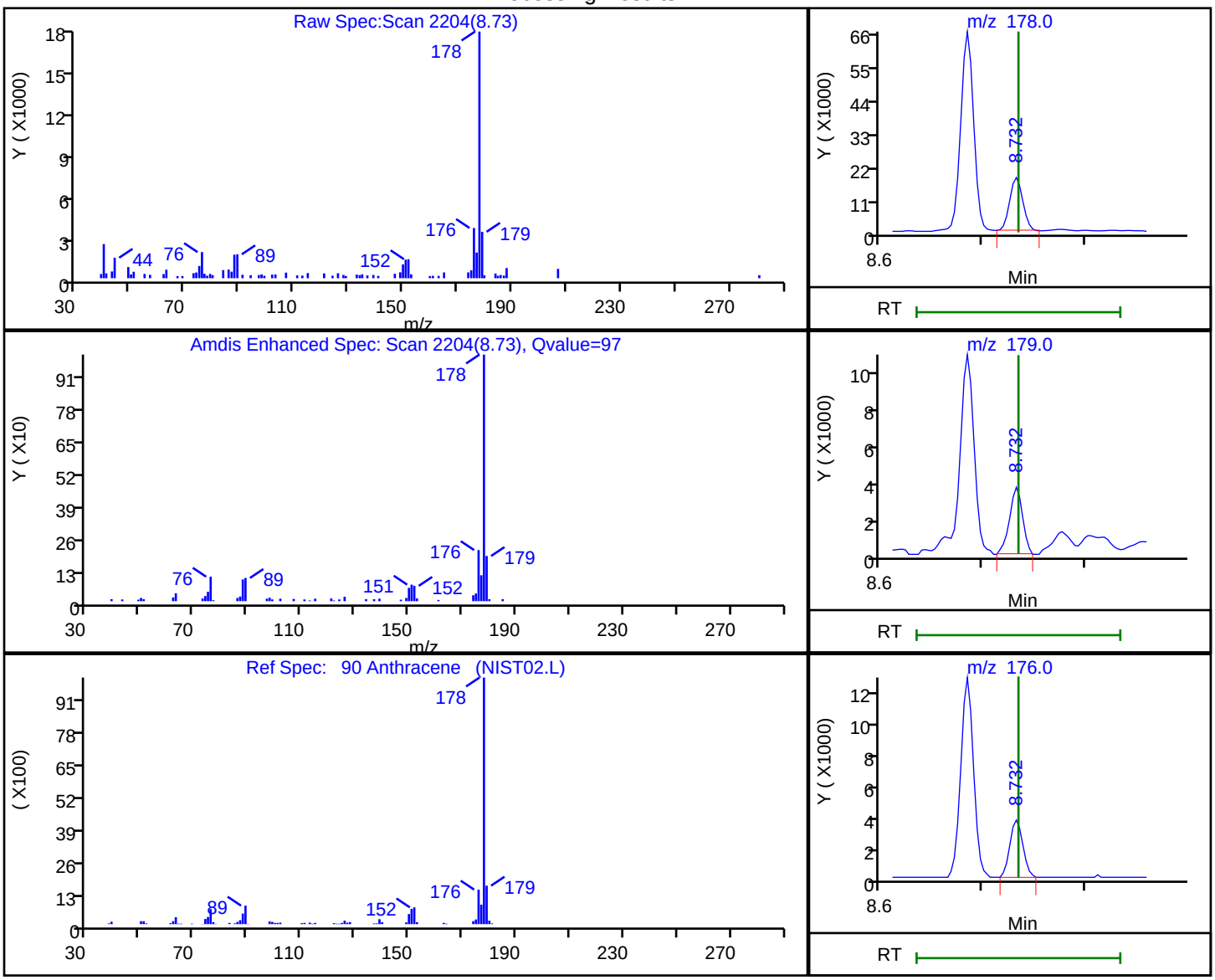
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.73	178.00	16227	0.096410
8.73	179.00	3004	
8.73	176.00	3230	

Reviewer: G4KC, 24-Jun-2024 06:51:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

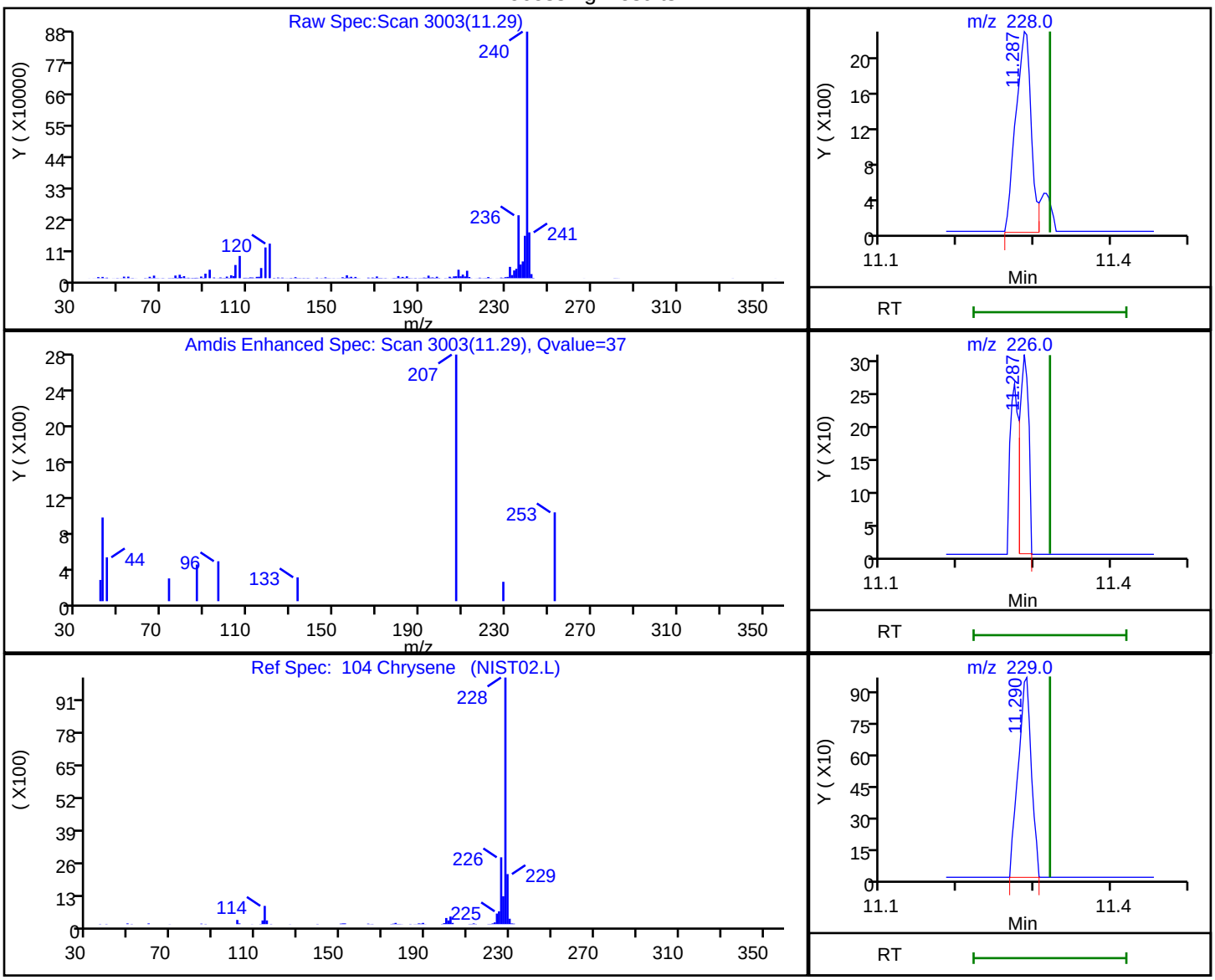
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.29	228.00	3072	0.021313
11.29	226.00	239	
11.29	229.00	1149	

Reviewer: G4KC, 24-Jun-2024 06:51:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

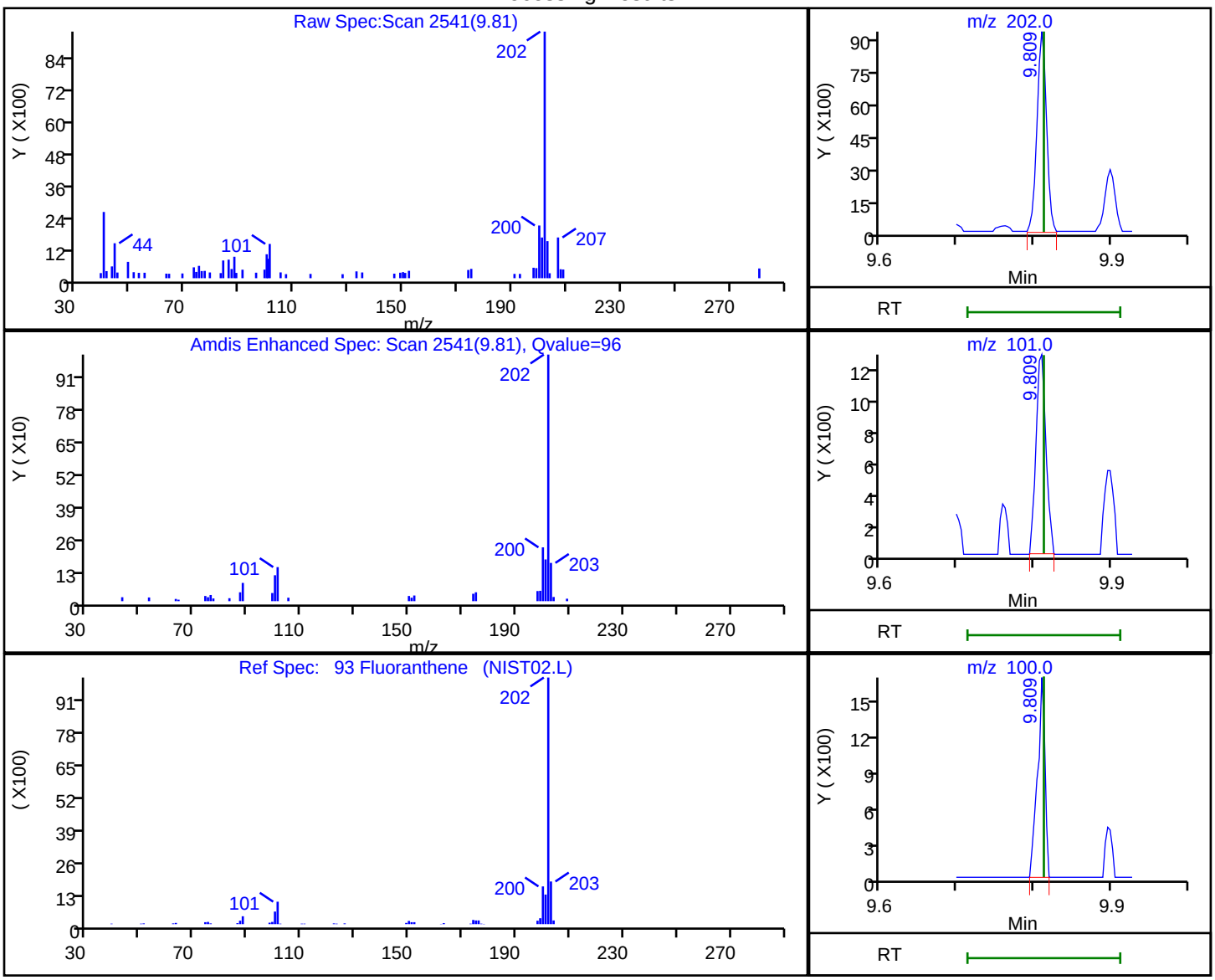
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

Processing Results



RT	Mass	Response	Amount
9.81	202.00	8033	0.050975
9.81	101.00	1174	
9.81	100.00	1111	

Reviewer: G4KC, 24-Jun-2024 06:51:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

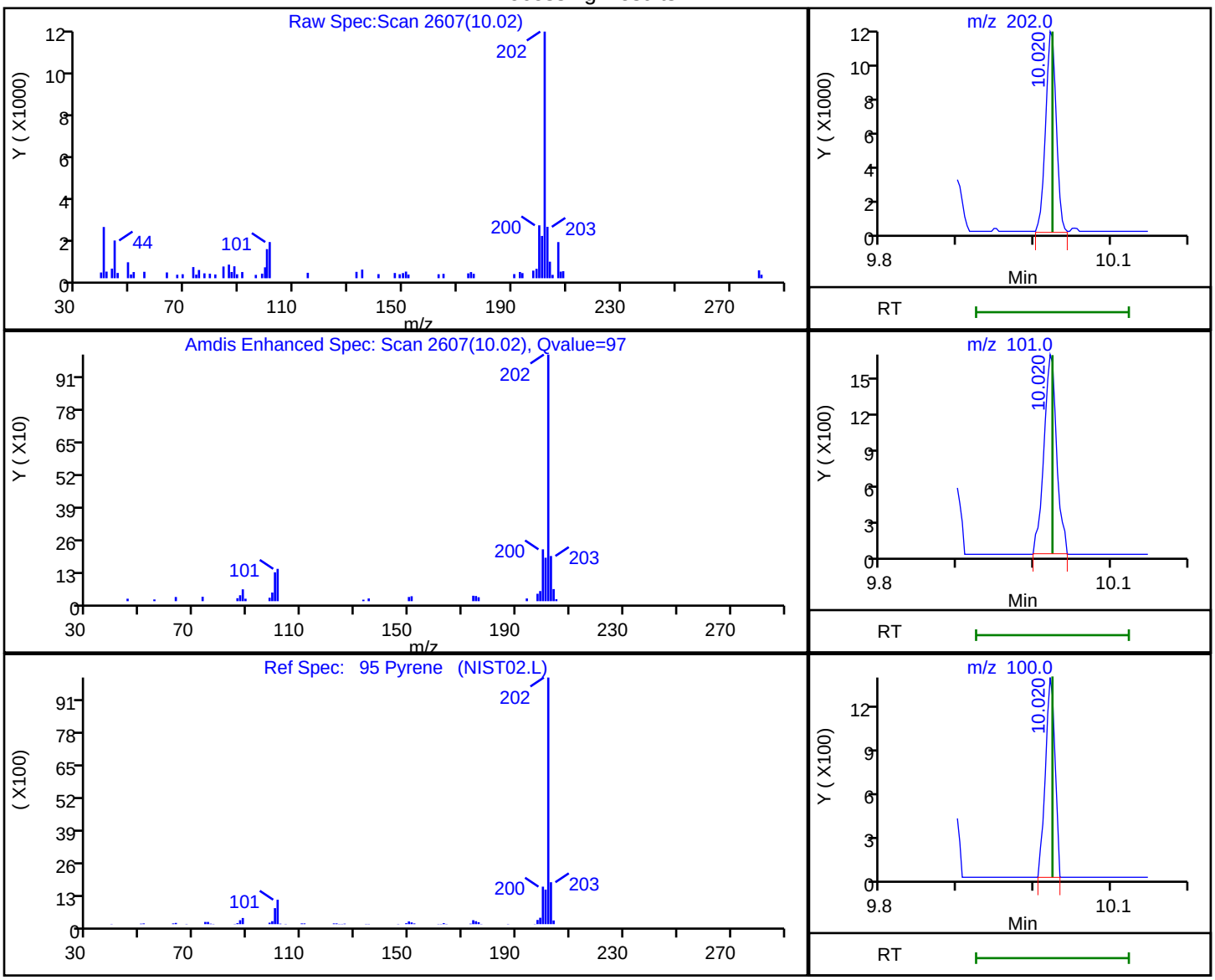
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85852.D				
Injection Date:	23-Jun-2024 22:46:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
10.02	202.00	10675	0.060857
10.02	101.00	1883	
10.02	100.00	1145	

Reviewer: G4KC, 24-Jun-2024 06:51:50 -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.: 480-220956-1
SDG No.:
Client Sample ID: DUP-1_202406
Lab Sample ID: 480-220956-9
Matrix: Water
Lab File ID: P85853.D
Analysis Method: 8270E
Date Collected: 06/18/2024 00:00
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 23:07
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.: 981794
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	52		10	1.1
208-96-8	Acenaphthylene	1.1	J	10	0.82
120-12-7	Anthracene	2.9	J	10	1.3
218-01-9	Chrysene	2.0	U	2.0	0.91
206-44-0	Fluoranthene	1.4	J	10	0.84
86-73-7	Fluorene	14		10	0.91
91-20-3	Naphthalene	20		2.0	0.54
85-01-8	Phenanthrene	12		10	1.3
129-00-0	Pyrene	1.9	J	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	102		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	108		51-145
1718-51-0	Terphenyl-d14 (Surr)	64		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D
Lims ID: 480-220956-A-9-A
Client ID: DUP-1_202406
Sample Type: Client
Inject. Date: 23-Jun-2024 23:07:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-020
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:51:57 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.375	4.377	-0.002	96	289052	8.00	
$ 28 Nitrobenzene-d5	82	4.899	4.904	-0.005	85	567361	10.8	
* 38 Naphthalene-d8	136	5.589	5.592	-0.003	99	1161117	8.00	
39 Naphthalene	128	5.609	5.611	-0.002	99	377233	2.44	
$ 53 2-Fluorobiphenyl	172	6.622	6.625	-0.003	98	1247888	10.2	
62 Acenaphthylene	152	7.125	7.127	-0.002	94	21110	0.1424	
* 64 Acenaphthene-d10	164	7.259	7.262	-0.003	96	640179	8.00	
65 Acenaphthene	154	7.288	7.290	-0.002	95	611126	6.52	
73 Fluorene	166	7.777	7.780	-0.003	95	191177	1.80	
* 88 Phenanthrene-d10	188	8.663	8.664	-0.001	98	1216149	8.00	
89 Phenanthrene	178	8.683	8.686	-0.003	98	237696	1.48	
90 Anthracene	178	8.731	8.734	-0.003	98	58584	0.3633	
93 Fluoranthene	202	9.808	9.812	-0.004	96	25910	0.1716	
95 Pyrene	202	10.022	10.021	-0.001	96	37700	0.2373	
$ 97 Terphenyl-d14	244	10.185	10.187	-0.002	97	833215	6.40	
* 103 Chrysene-d12	240	11.285	11.288	-0.003	99	841936	8.00	
* 110 Perylene-d12	264	13.166	13.167	-0.001	99	919028	8.00	

QC Flag Legend
Processing Flags

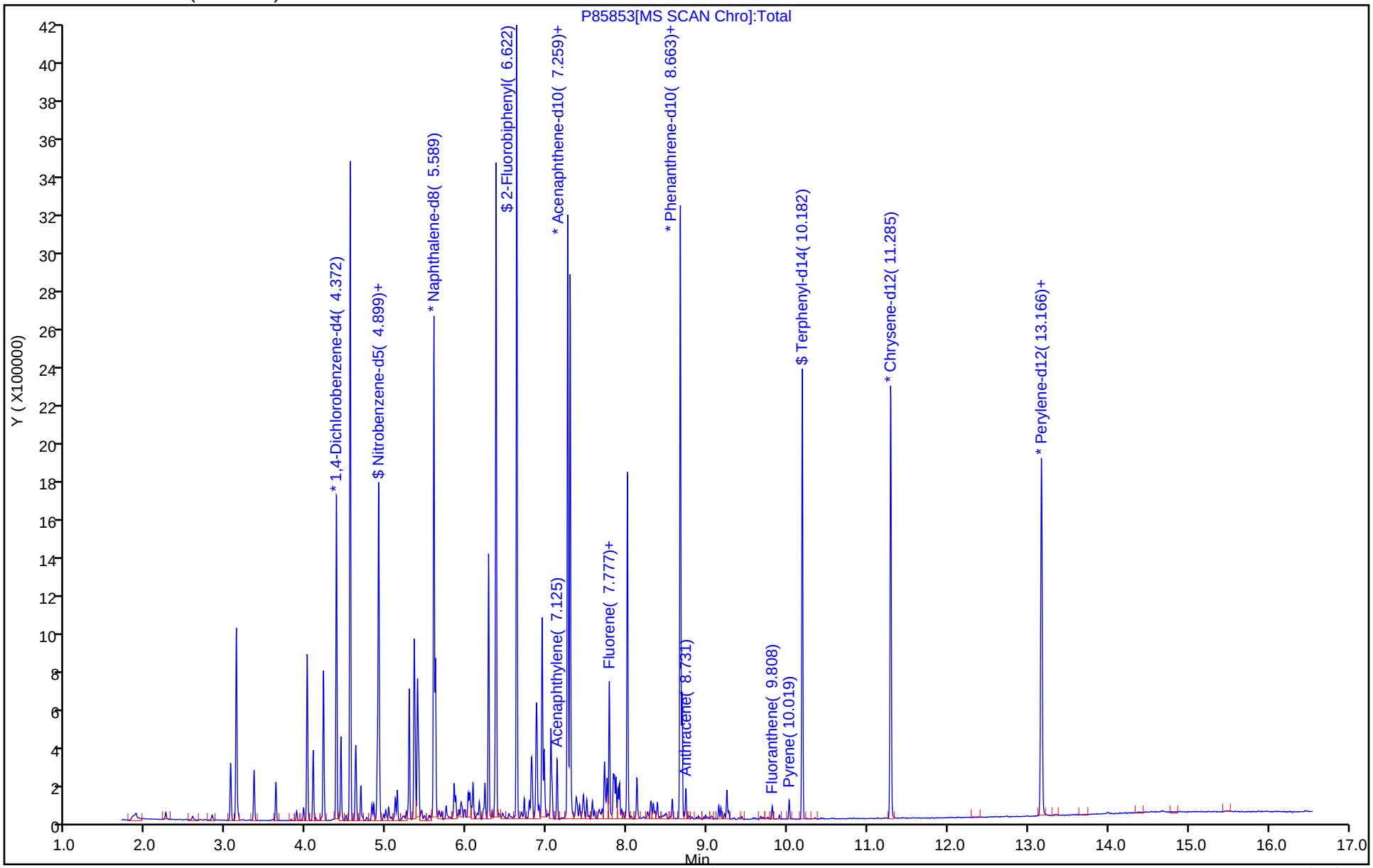
Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9	Worklist Smp#:	20
Client ID:	DUP-1_202406				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Lims ID:	480-220956-A-9-A				
Client ID:	DUP-1_202406				
Sample Type:	Client				
Inject. Date:	23-Jun-2024 23:07:30	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-020				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 06:51:57	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:48:54

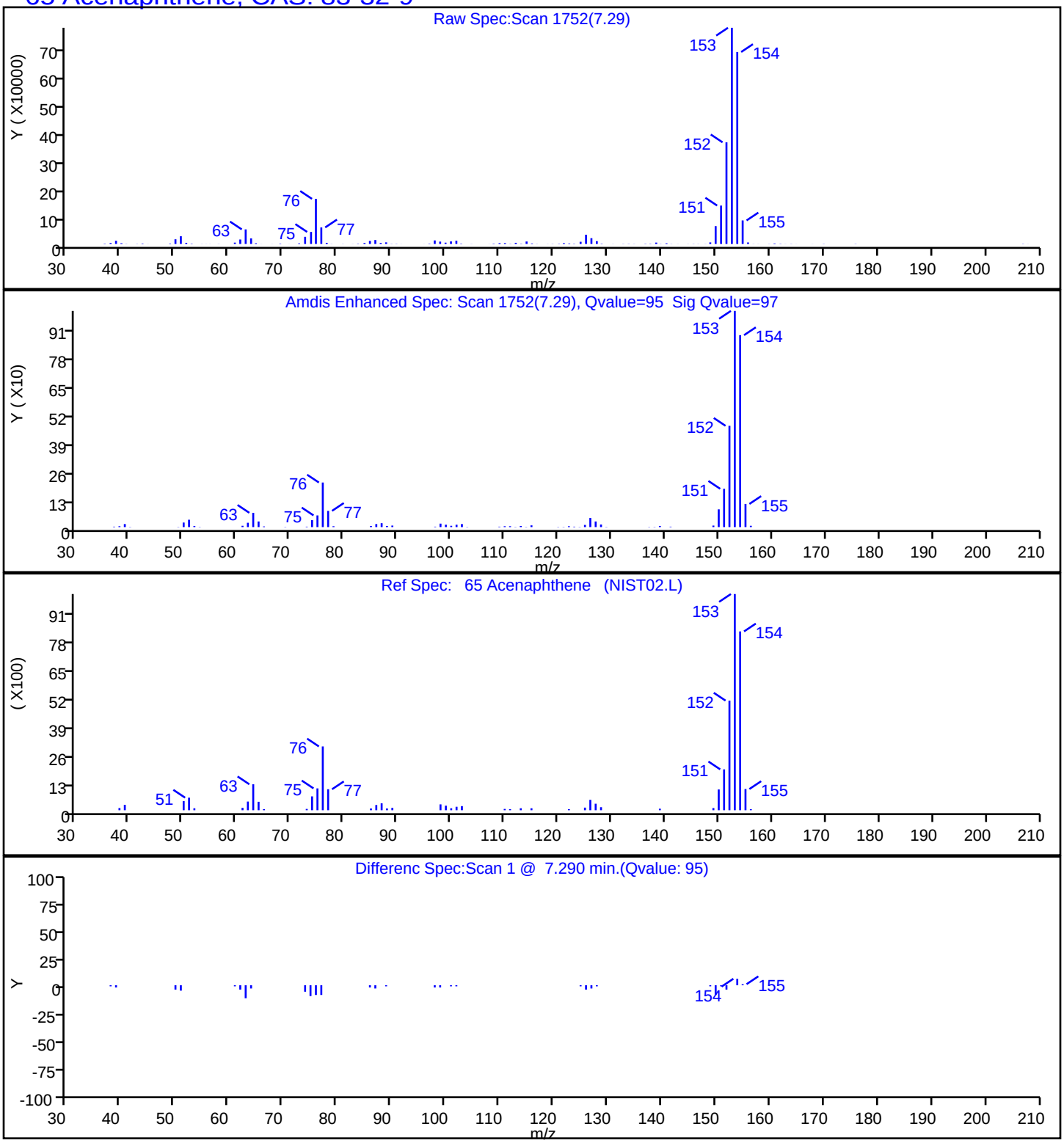
Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	10.8	108.06
$ 53 2-Fluorobiphenyl	10.0	10.2	102.38
$ 97 Terphenyl-d14	10.0	6.40	63.98

Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

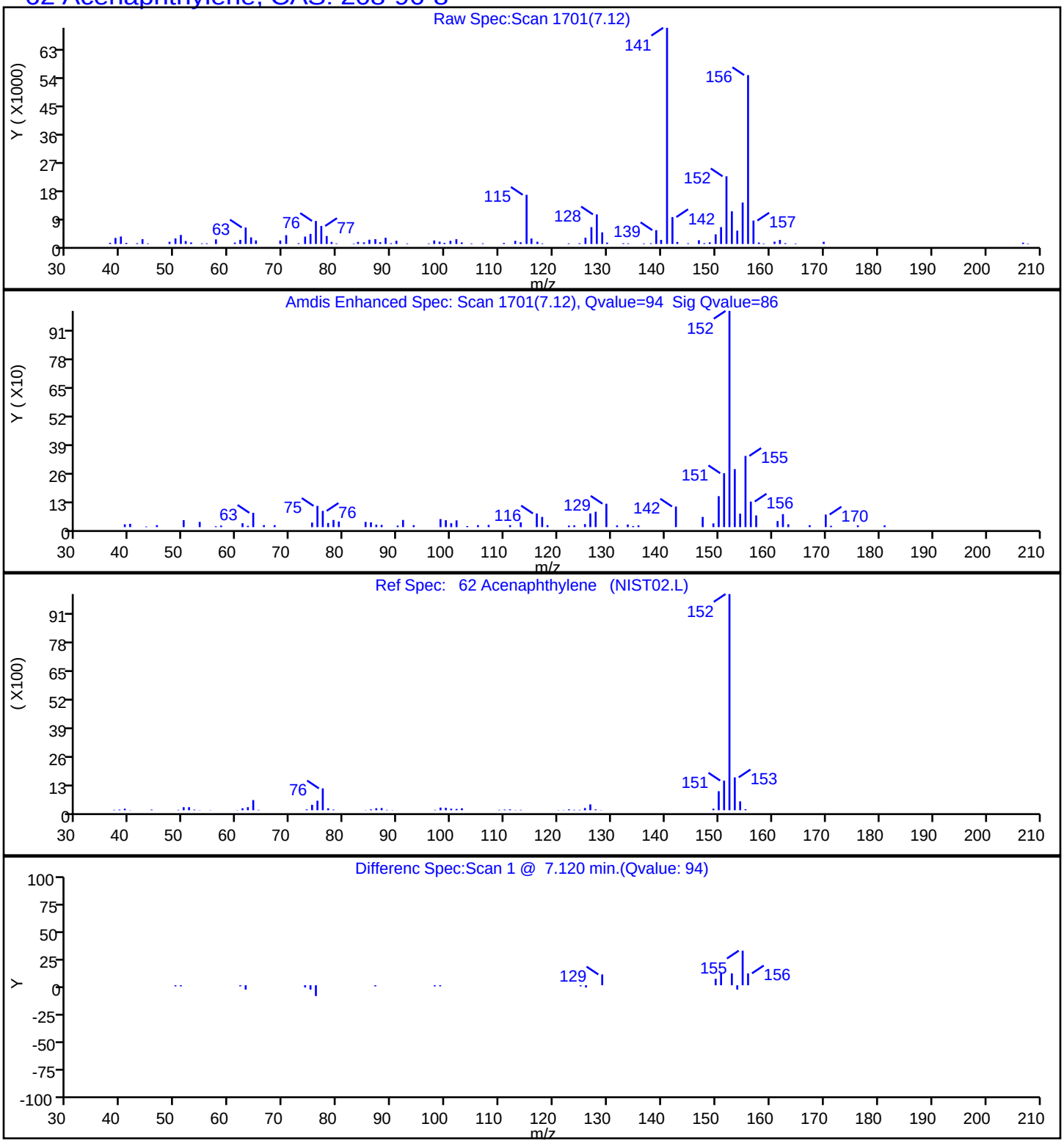


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

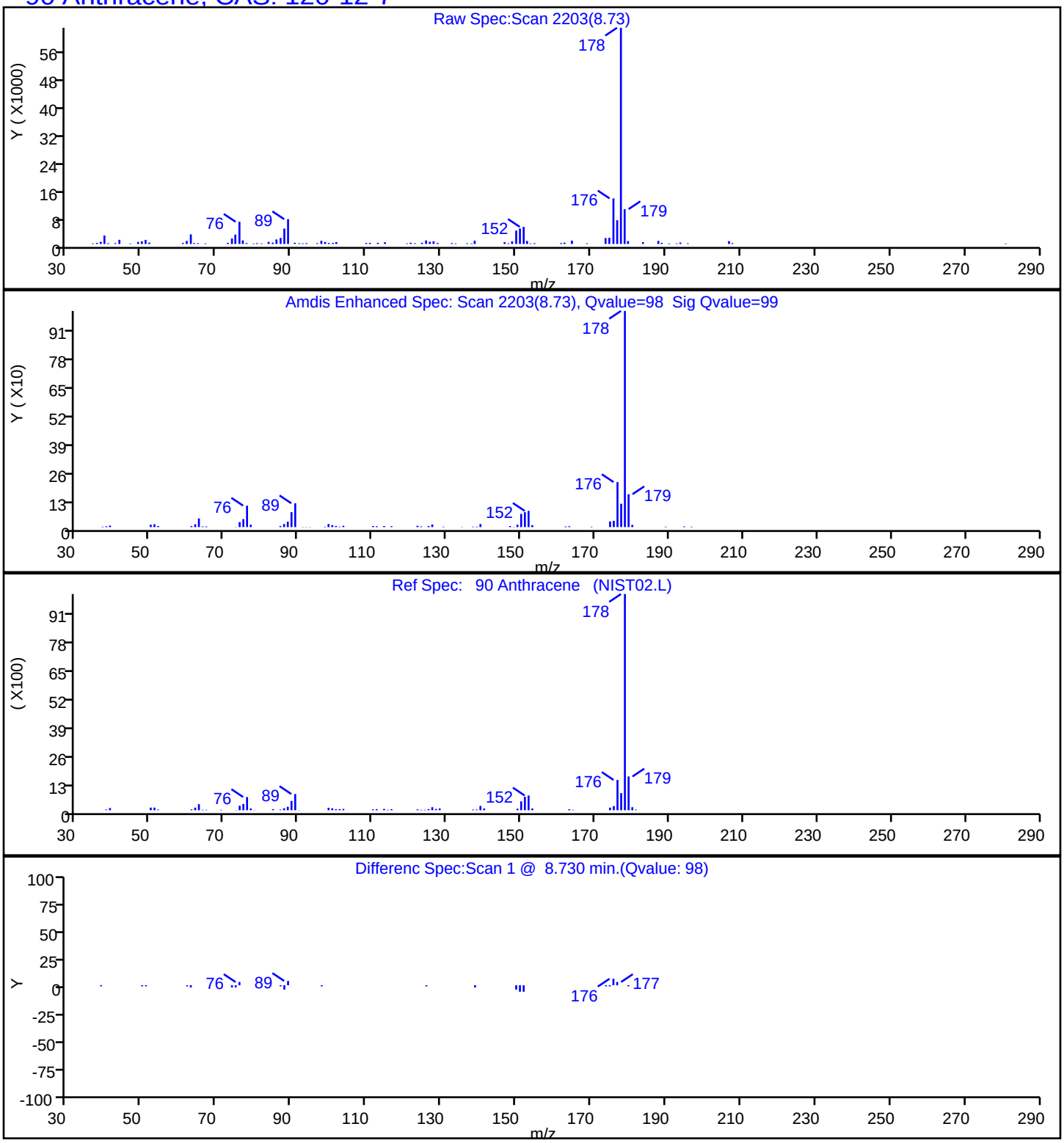


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

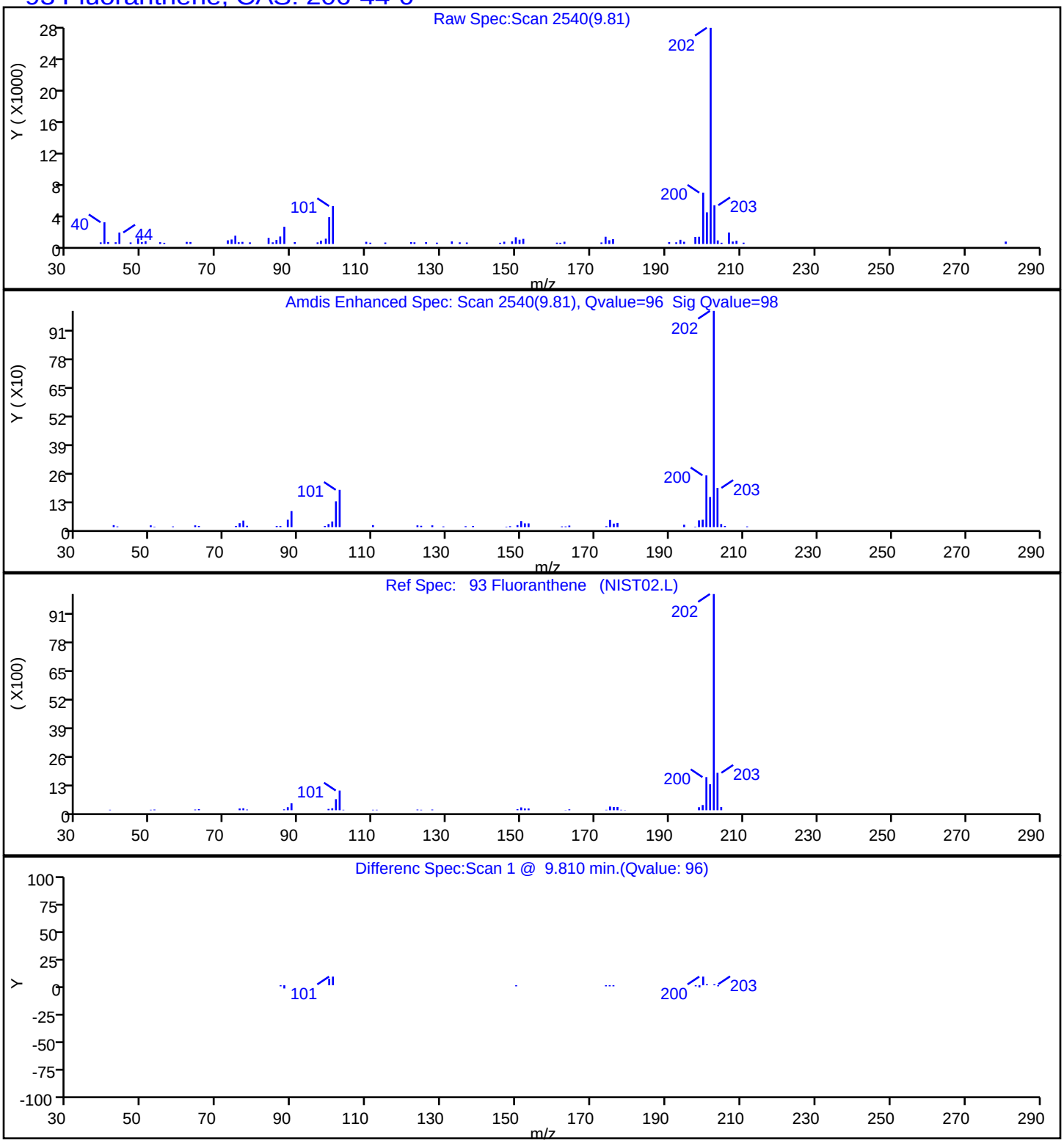


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

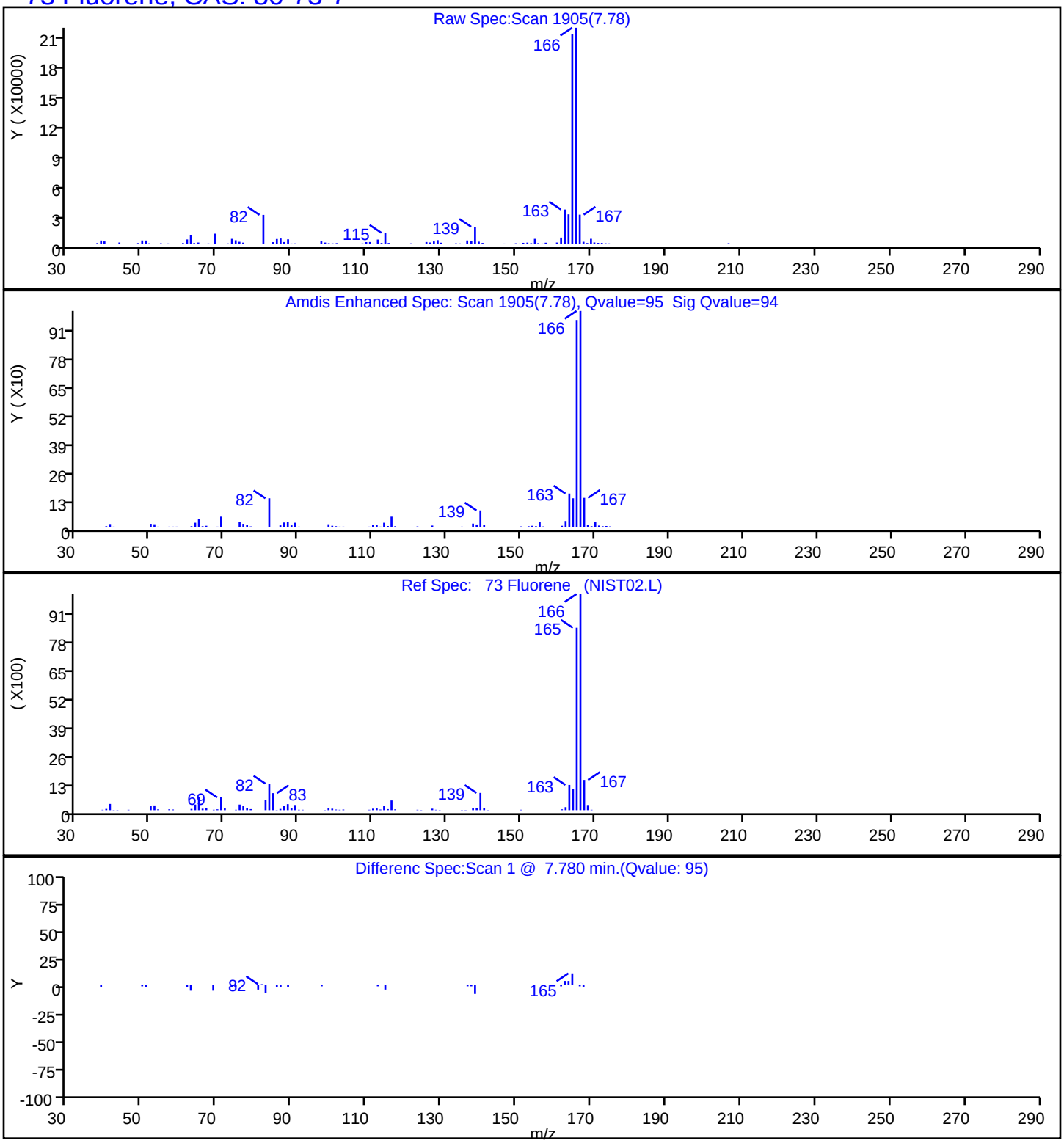


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7

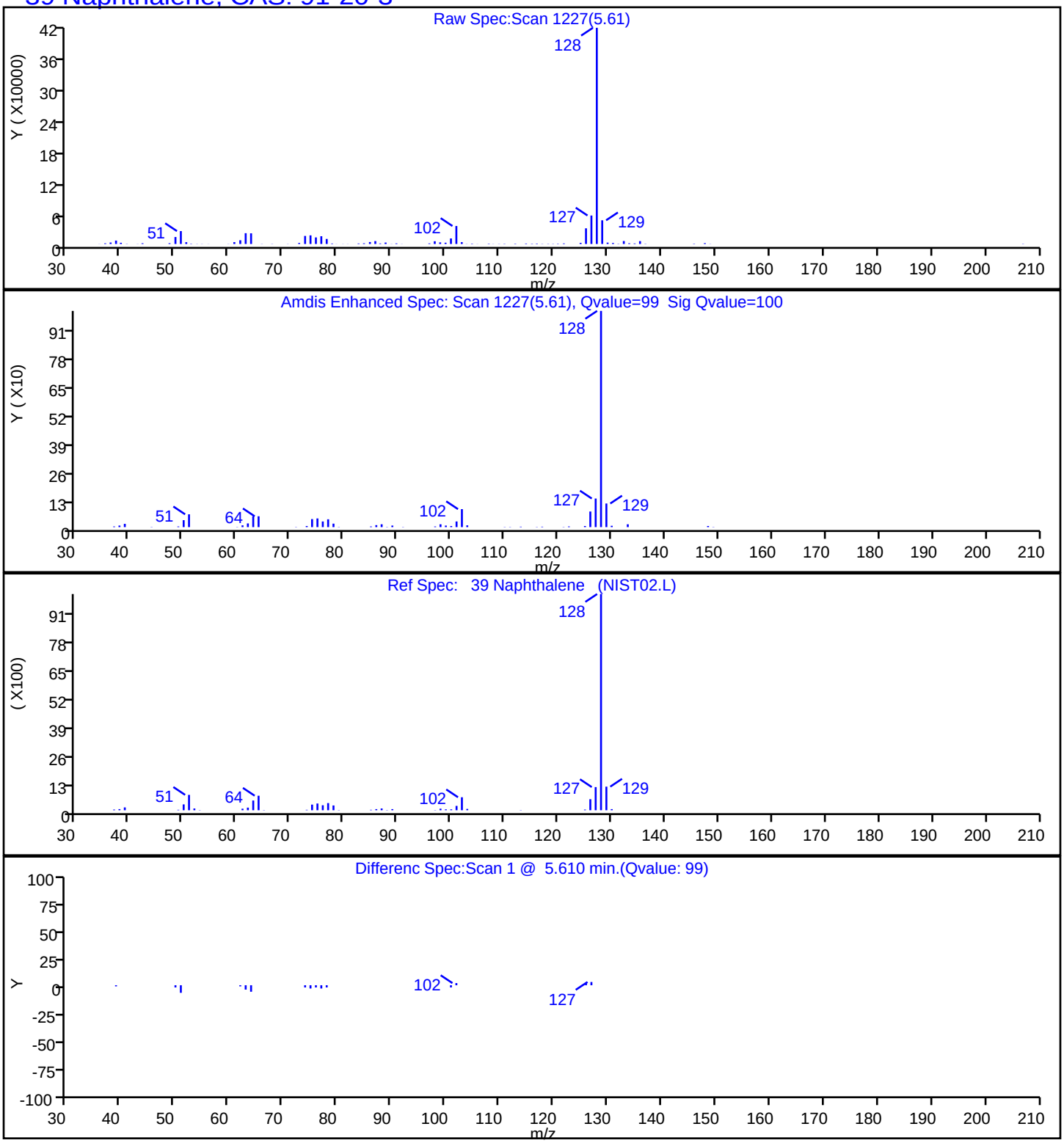


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

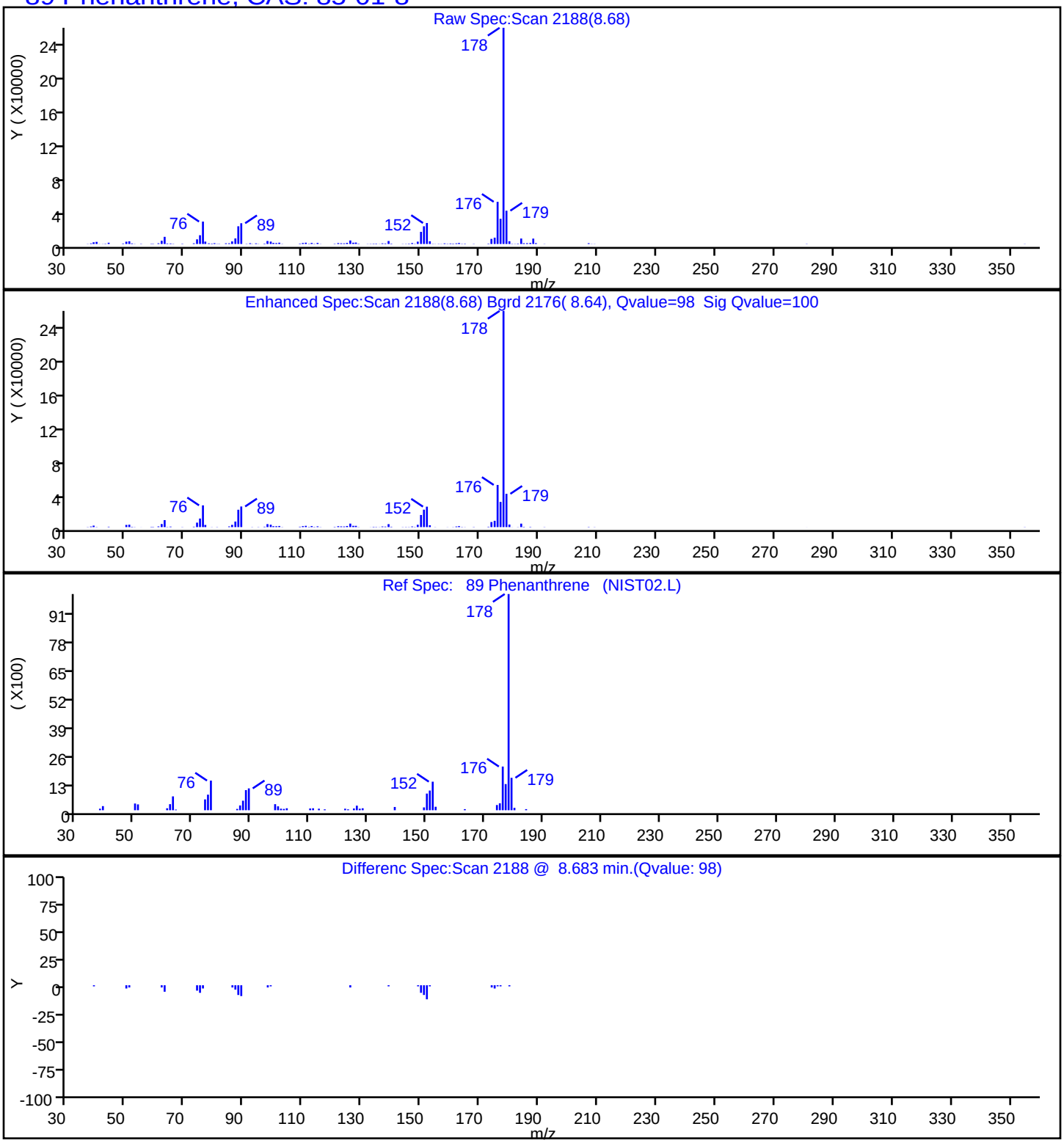


Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8

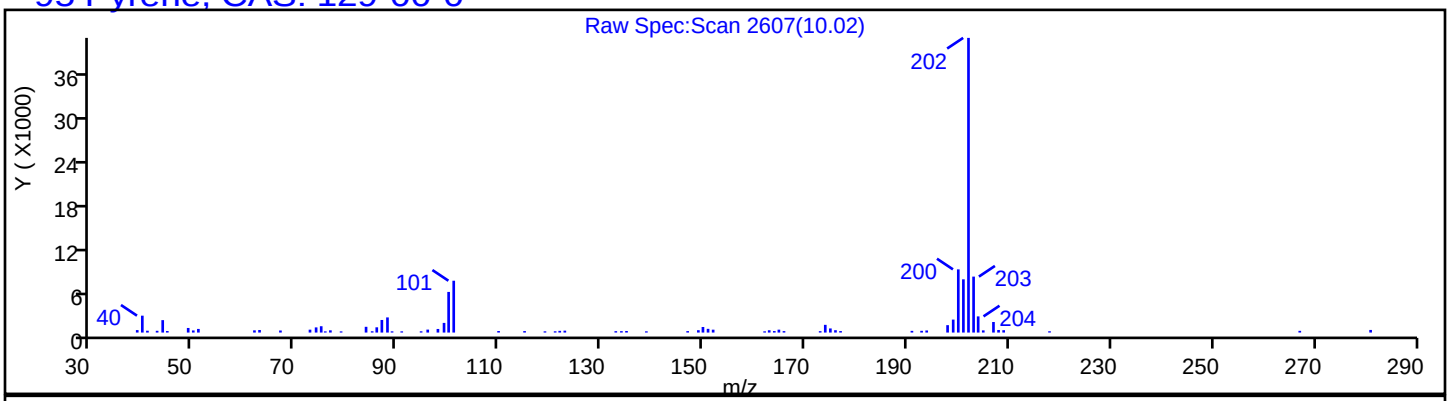


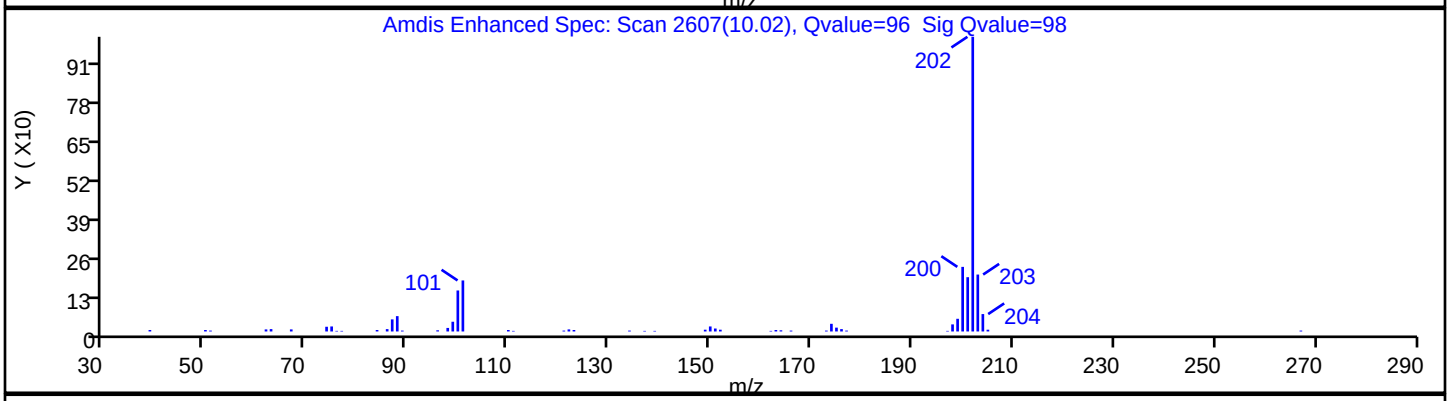
Report Date: 24-Jun-2024 06:51:57 Chrom Revision: 2.3 23-Jun-2024 11:08:02

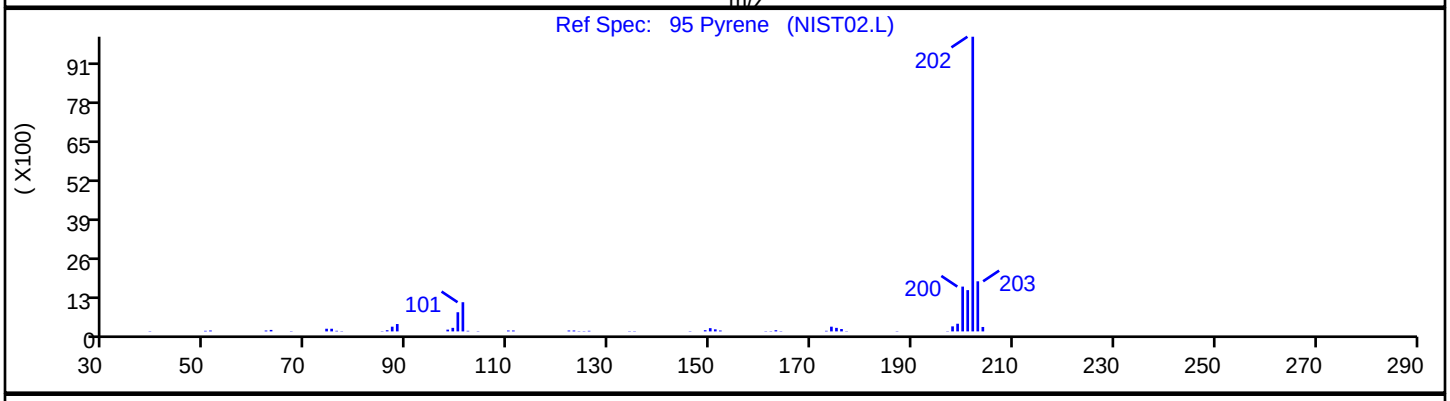
Eurofins Edison

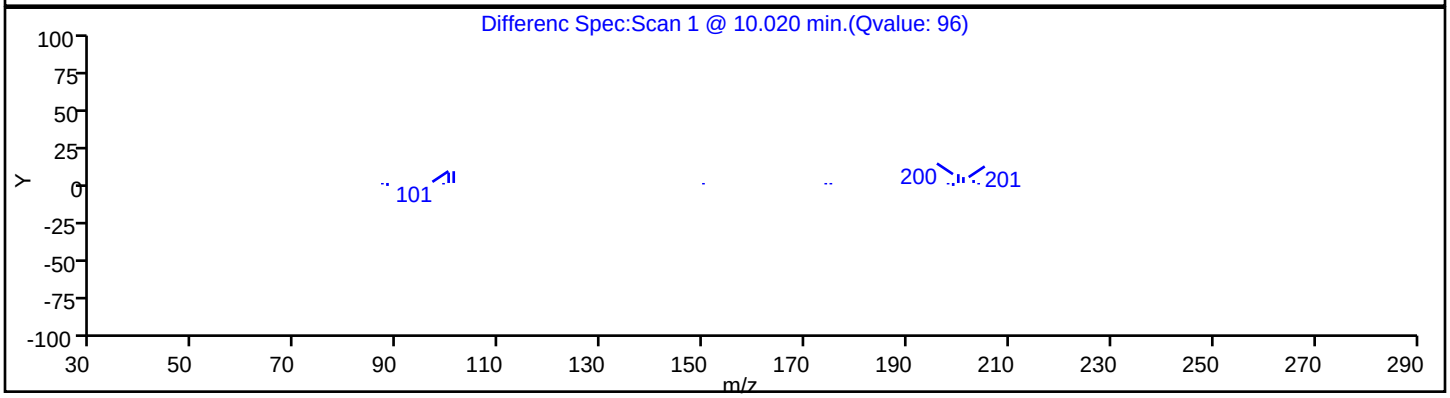
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0









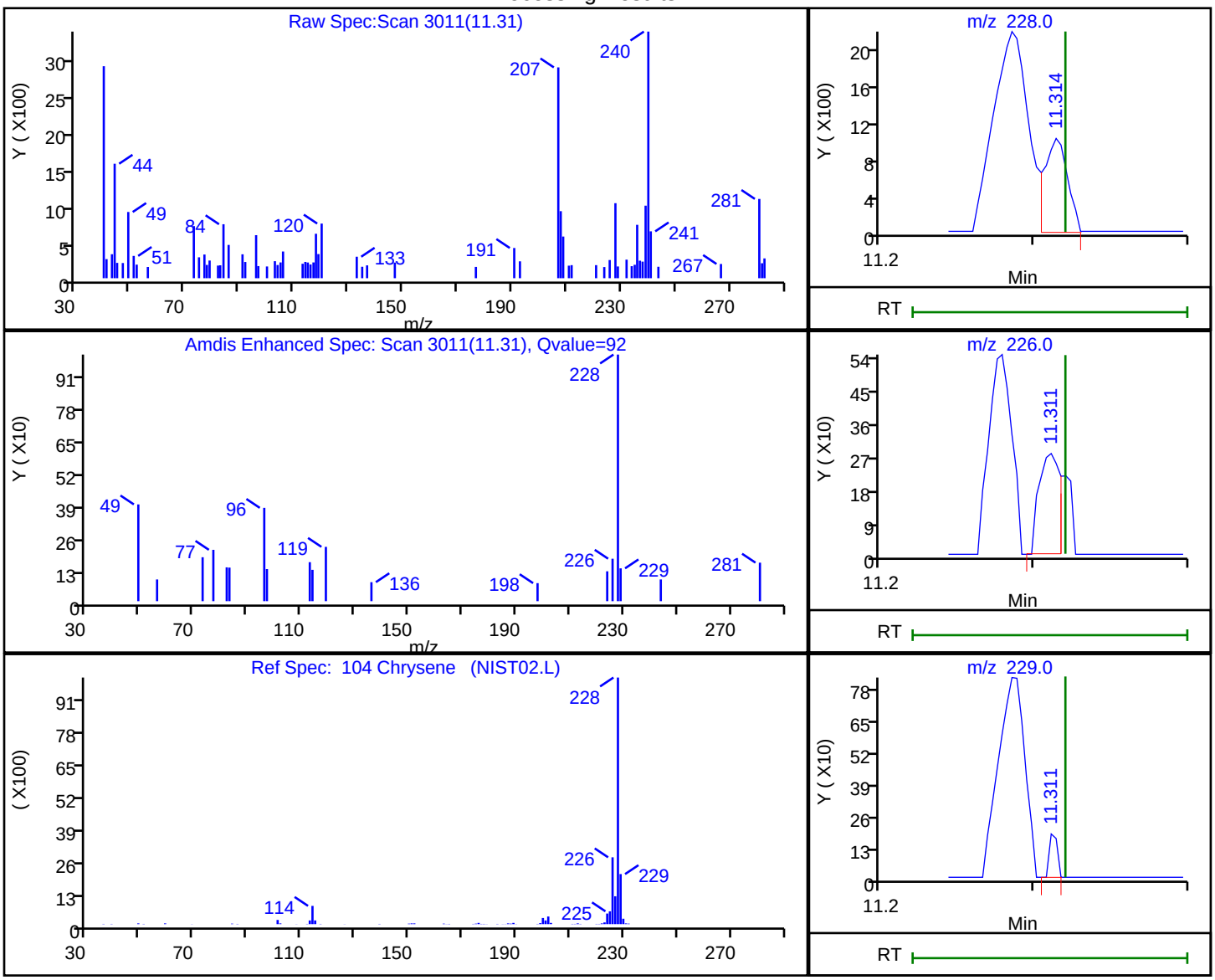
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85853.D				
Injection Date:	23-Jun-2024 23:07:30	Instrument ID:	CBNAMS18		
Lims ID:	480-220956-A-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
11.31	228.00	1075	0.008235
11.31	226.00	264	
11.31	229.00	65	

Reviewer: G4KC, 24-Jun-2024 06:51:55 -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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-979633/10	P85623.D
Level 2	STD02 460-979633/9	P85621.D
Level 3	STD04 460-979633/8	P85619.D
Level 4	STD1 460-979633/7	P85617.D
Level 5	STD2 460-979633/6	P85615.D
Level 6	STD4 460-979633/5	P85613.D
Level 7	ICIS 460-979633/2	P85607.D
Level 8	STD16 460-979633/4	P85611.D
Level 9	STD24 460-979633/3	P85609.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	0.5959 0.5402	0.5439 0.5347	0.5219	0.5067 0.5432	0.5380	Ave		0.5406			0.0100	4.8		20.0			
N-Nitrosodimethylamine	0.8198	0.8256	0.8076	0.7576 0.8494	0.7970	Ave		0.8095			0.0100	3.8		20.0			
Pyridine	1.0079 1.2668	1.1561 1.2109	1.2776	1.1987 1.3344	1.2208	Ave		1.2092			0.0100	8.1		20.0			
Benzaldehyde	1.1248	1.0730 1.1274	1.1107 1.1261	1.1184 1.0229	1.1199	Ave		1.1029			0.0100	3.3		20.0			
Phenol	1.6815	1.7236	1.6446	1.5804 1.7323	1.6409	Ave		1.6672			0.8000	3.4		20.0			
Aniline	1.9999	1.9583	1.9512	1.8678 2.0337	1.9431	Ave		1.9590			0.0100	2.9		20.0			
Bis(2-chloroethyl)ether	1.2435 1.3440	1.2898 1.3445	1.3064	1.2578 1.3615	1.3195	Ave		1.3084			0.7000	3.2		20.0			
2-Chlorophenol	1.3777	1.3766	1.3620	1.2903 1.4113	1.3363	Ave		1.3590			0.8000	3.1		20.0			
n-Decane	1.2132	1.2794	1.1911	1.2080 1.2627	1.1976	Ave		1.2253			0.0100	3.0		20.0			
1,3-Dichlorobenzene	1.5410	1.5621	1.5132	1.5132 1.5772	1.5232	Ave		1.5383			0.0100	1.7		20.0			
1,4-Dichlorobenzene	1.5820	1.5854	1.5193	1.5270 1.6071	1.5394	Ave		1.5600			0.0100	2.3		20.0			
Benzyl alcohol	0.8915	0.8868	0.8781	0.7882 0.9115	0.8590	Ave		0.8692			0.0100	5.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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	1.4880	1.4913	1.4485	1.4352 1.5262	1.4845	Ave		1.4790			0.0100	2.2		20.0			
2-Methylphenol	1.2225	1.2303	1.2033	1.1183 1.2573	1.1837	Ave		1.2026			0.7000	4.0		20.0			
2,2'-oxybis[1-chloropropane]	1.5908	1.6142	1.5242	1.5302 1.6107	1.5525	Ave		1.5704			0.0100	2.6		20.0			
N-Methylaniline	1.3107 2.1093	1.8265 2.1941	2.1254	1.9829 2.2709	2.0897	Ave		1.9887			0.0100	15.3		20.0			
3 & 4 Methylphenol	1.4307	1.4519	1.4171	1.2798 1.4966	1.4307	Ave		1.4178			0.0100	5.2		20.0			
4-Methylphenol	1.4307	1.4519	1.4171	1.2798 1.4965	1.4307	Ave		1.4178			0.6000	5.2		20.0			
N-Nitrosodi-n-propylamine	0.7462 0.9712	0.8495 0.9518	0.9281	0.9178 0.9673	0.9507	Ave		0.9103			0.5000	8.4		20.0			
Acetophenone	2.0097	2.0028	1.9482	1.9360 2.0279	2.0295	Ave		1.9924			0.0100	2.0		20.0			
Hexachloroethane	0.5729 0.5591	0.5422 0.5651	0.5466	0.5496 0.5801	0.5480	Ave		0.5580			0.3000	2.5		20.0			
Nitrobenzene	0.5596 0.6975	0.5429 0.7020	0.6808	0.6405 0.7168	0.6710	Ave		0.6514			0.2000	10.1		20.0			
n,n'-Dimethylaniline	1.7197 2.1696	2.0299 2.1903	2.1538	2.1116 2.2997	2.1655	Ave		2.1050			0.0100	8.2		20.0			
Isophorone	0.6447	0.5557 0.6426	0.6310	0.5998 0.6574	0.6264	Ave		0.6225			0.4000	5.6		20.0			
2-Nitrophenol	0.1721	0.1750	0.1764	0.1439 0.1895	0.1531	Ave		0.1683			0.1000	9.9		20.0			
2,4-Dimethylphenol	0.2552	0.2594	0.2616	0.2496 0.2754	0.2481	Ave		0.2582			0.2000	3.8		20.0			
Benzoic acid	0.1482	0.1528	0.1858	0.0908 0.2018	0.1140	Lin1	-0.141	0.1948			0.0100	12.9					
Bis(2-chloroethoxy)methane	0.4095	0.4153	0.4093	0.3888 0.4331	0.4119	Ave		0.4113			0.3000	3.4		20.0			
2,4-Dichlorophenol	0.2764	0.2798	0.2766	0.2436 0.2947	0.2655	Ave		0.2728			0.2000	6.3		20.0			
1,2,4-Trichlorobenzene	0.2961 0.3022	0.2974 0.3096	0.3024	0.2963 0.3201	0.2990	Ave		0.3029			0.0100	2.7		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	0.9997 1.0843	1.0532 1.0815	1.0519	1.0718 1.1063	1.0610	Ave		1.0637			0.7000	3.0		20.0			
4-Chloroaniline	0.2957 0.4142	0.3492 0.4171	0.4177	0.3907 0.4376	0.4002	Ave		0.3903			0.0100	11.9		20.0			
2,6-Dichlorophenol	0.2749	0.2757	0.2730	0.2549 0.2894	0.2603	Ave		0.2714				4.5		20.0			
Hexachlorobutadiene	0.1849 0.1700	0.1671 0.1733	0.1703	0.1648 0.1829	0.1641	Ave		0.1722			0.0100	4.6		20.0			
Caprolactam	0.0801	0.0329 0.0800	0.0546 0.0868	0.0657 0.0880	0.0748	Lin2	-0.011	0.0836			0.0100				0.9960		0.9900
4-Chloro-3-methylphenol	0.2681	0.2713	0.2706	0.2359 0.2837	0.2636	Ave		0.2655			0.2000	6.0		20.0			
2-Methylnaphthalene	0.6941	0.6773 0.6980	0.6783	0.6818 0.7236	0.6918	Ave		0.6921			0.4000	2.3		20.0			
1-Methylnaphthalene	0.6405	0.6110 0.6337	0.6164	0.6196 0.6571	0.6294	Ave		0.6297			0.0100	2.5		20.0			
Hexachlorocyclopentadiene	0.3710	0.3690	0.3889	0.3365 0.4008	0.3343	Ave		0.3667			0.0500	7.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.5793	0.5797	0.5828	0.5409 0.6061	0.5594	Ave		0.5747			0.0100	3.9		20.0			
2-tertbutyl-4-methylphenol	0.4005	0.3371 0.4099	0.4053	0.3716 0.4346	0.3915	Ave		0.3929			0.0100	7.9		20.0			
2,4,6-Trichlorophenol	0.3717	0.2553 0.3695	0.3802	0.3070 0.3916	0.3386	Ave		0.3448			0.2000	14.1		20.0			
2,4,5-Trichlorophenol	0.3849	0.3935	0.3993	0.3417 0.4189	0.3590	Ave		0.3829			0.2000	7.3		20.0			
1,1'-Biphenyl	1.6111	1.6459	1.6303	1.5228 1.6879	1.5752	Ave		1.6122			0.0100	3.6		20.0			
2-Chloronaphthalene	1.2484	1.2254	1.2279	1.1931 1.2680	1.1802	Ave		1.2238			0.8000	2.7		20.0			
Phenyl ether	0.8739	0.8950	0.8973	0.8293 0.9039	0.8661	Ave		0.8776			0.0100	3.2		20.0			
2-Nitroaniline	0.3863	0.3962	0.3933	0.3230 0.4088	0.3546	Ave		0.3770			0.0100	8.5		20.0			
1,3-Dimethylnaphthalene	0.9890	1.0104	1.0022	0.9671 1.0483	0.9714	Ave		0.9981			0.0100	3.0		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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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	1.2681	1.2780	1.2740	1.2308 1.3207	1.2407	Ave		1.2687			0.0100	2.5		20.0			
Coumarin	0.2230	0.2219	0.2158	0.2114 0.2306	0.2172	Ave		0.2200			0.0100	3.0		20.0			
2,6-Dinitrotoluene	0.2800	0.2079 0.2763	0.2867	0.2453 0.2916	0.2650	Ave		0.2647			0.2000	11.1		20.0			
Acenaphthylene	1.8846	1.8805	1.8882	1.7236 1.9447	1.7962	Ave		1.8530			0.9000	4.3		20.0			
3-Nitroaniline	0.3117	0.3148	0.3254	0.2546 0.3356	0.2846	Ave		0.3045			0.0100	9.8		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9400	0.9679	1.0428	0.9126 1.1398	0.9004	Ave		0.9839			0.0100	9.3		20.0			
Acenaphthene	1.1900	1.1702	1.1894	1.0988 1.2267	1.1558	Ave		1.1718			0.9000	3.7		20.0			
2,4-Dinitrophenol	0.1245	0.1407	0.1635	0.0807 0.1740	0.1029	Lin1	-0.241	0.1703			0.0100	11.9					
4-Nitrophenol	0.2017	0.2053	0.2146	0.1571 0.2245	0.1803	Ave		0.1973			0.0100	12.5		20.0			
2,4-Dinitrotoluene	0.3469	0.2297 0.3489	0.3642	0.2969 0.3854	0.3297	Ave		0.3288			0.2000	15.7		20.0			
Dibenzofuran	1.7120	1.7028	1.6920	1.6645 1.7626	1.6433	Ave		1.6962			0.8000	2.4		20.0			
2,3,4,6-Tetrachlorophenol	0.2918	0.2937	0.3040	0.2513 0.3220	0.2727	Ave		0.2892			0.0100	8.5		20.0			
Diethyl phthalate	1.2150	1.2241	1.2894	1.5518 1.2956	1.1674	Ave		1.2906			0.0100	10.6		20.0			
Fluorene	1.3315	1.2723 1.3569	1.3578	1.2534 1.4019	1.3229	Ave		1.3281			0.9000	3.9		20.0			
4-Chlorophenyl phenyl ether	0.6220	0.6275	0.6267	0.6104 0.6537	0.6054	Ave		0.6243			0.4000	2.7		20.0			
4-Nitroaniline	0.3047	0.3195	0.3219	0.2551 0.3322	0.2685	Ave		0.3003			0.0100	10.5		20.0			
4,6-Dinitro-2-methylphenol	0.1067	0.1165	0.1246	0.0683 0.1323	0.0872	Lin2	-0.126	0.1264			0.0100				0.9960		0.9900
N-Nitrosodiphenylamine	0.5617	0.5519	0.5496	0.5023 0.5750	0.5282	Ave		0.5448			0.0100	4.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7970	0.8204	0.7842	0.7383 0.8312	0.7761	Ave		0.7912			0.0100	4.2		20.0			
Azobenzene	0.7989	0.8204	0.7855	0.7383 0.8311	0.7761	Ave		0.7917				4.2		20.0			
4-Bromophenyl phenyl ether	0.2066	0.2122	0.2116	0.1988 0.2250	0.2076	Ave		0.2103			0.1000	4.1		20.0			
Hexachlorobenzene	0.2467 0.2584	0.2411 0.2574	0.2565	0.2468 0.2730	0.2537	Ave		0.2542			0.1000	3.8		20.0			
Atrazine	0.1815	0.1503 0.1928	0.1441 0.2011	0.1668 0.2110	0.1716	Ave		0.1774			0.0100	13.4		20.0			
Pentachlorophenol	0.1469	0.1579	0.1673	0.1084 0.1797	0.1319	Ave		0.1487			0.0500	17.3		20.0			
Pentachloronitrobenzene	0.0861	0.0860	0.0894	0.0740 0.0954	0.0788	Ave		0.0850			0.0100	8.9		20.0			
n-Octadecane	0.4823	0.5108	0.4973	0.4033 0.5314	0.4421	Ave		0.4778			0.0100	9.9		20.0			
Phenanthrene	1.0583	1.0621	1.0438	1.0239 1.0943	1.0432	Ave		1.0543			0.7000	2.3		20.0			
Anthracene	1.0708	1.0760	1.0682	0.9961 1.1367	1.0167	Ave		1.0607			0.7000	4.7		20.0			
Carbazole	0.9472	0.9611	0.9609	0.8637 1.0128	0.9012	Ave		0.9412			0.0100	5.5		20.0			
Di-n-butyl phthalate	1.0712	1.1502	1.1673	0.8841 1.2555	0.9794	Ave		1.0846			0.0100	12.5		20.0			
Fluoranthene	0.9988	0.9241 1.0315	1.0301	0.9248 1.1023	0.9403	Ave		0.9931			0.6000	6.8		20.0			
Benzidine	0.4979	0.4938	0.6013	0.3818 0.5747	0.4566	Ave		0.5010			0.0100	15.9		20.0			
Pyrene	1.5509	1.4113 1.5325	1.4846	1.4921 1.5717	1.5226	Ave		1.5094			0.6000	3.5		20.0			
Bisphenol-A	0.5042	0.5419	0.5640	0.3388 0.5983	0.4216	Ave		0.4948				19.7		20.0			
Butyl benzyl phthalate	0.5697	0.6188	0.6183	0.4337 0.6707	0.4863	Ave		0.5663			0.0100	15.9		20.0			
2,3,7,8-TCDD		0.2310				Ave		0.2310			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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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	0.3822	0.4687	0.5120	0.2589 0.5569	0.3090	Lin1	-0.399	0.5447			0.0100	13.1					
3,3'-Dichlorobenzidine	0.4747	0.2997 0.4991	0.5508	0.3840 0.5373	0.4374	Ave		0.4547			0.0100	19.6		20.0			
Benzo[a]anthracene	1.2109 1.2979	1.2912 1.3179	1.2910	1.2477 1.3695	1.2552	Ave		1.2852			0.8000	3.7		20.0			
Chrysene	1.2403	1.2867 1.2401	1.2099	1.2036 1.2754	1.2262	Ave		1.2403			0.7000	2.5		20.0			
Bis(2-ethylhexyl) phthalate	0.8022	0.4574 0.8803	0.8889	0.6000 0.9565	0.6880	Qua1	-0.091	0.7826	0.0074826						0.9990		0.9900
Di-n-octyl phthalate	1.1141	1.2468	1.3434	0.7129 1.4523	0.8799	Lin2	-0.720	1.3593			0.0100				0.9930		0.9900
Benzo[b]fluoranthene	0.9110 1.1080	0.9896 1.1319	1.1652	1.0258 1.2191	1.0607	Ave		1.0764			0.7000	9.3		20.0			
Benzo[k]fluoranthene	0.9883 1.1966	1.0598 1.2287	1.2276	1.1044 1.2305	1.1528	Ave		1.1486			0.7000	7.9		20.0			
Benzo[a]pyrene	0.7930 1.0287	0.8269 1.0810	1.0855	0.8922 1.1420	0.9574	Ave		0.9759			0.7000	13.2		20.0			
Indeno[1,2,3-cd]pyrene	0.8417 1.1582	0.9481 1.2036	1.2410	1.0718 1.3202	1.1352	Ave		1.1150			0.5000	14.1		20.0			
Dibenz(a,h)anthracene	0.9525 1.1590	1.0473 1.2002	1.2608	1.1114 1.3332	1.1444	Ave		1.1511			0.4000	10.4		20.0			
Benzo[g,h,i]perylene	0.8709 1.1302	1.0214 1.1483	1.1589	1.0572 1.2474	1.1050	Ave		1.0924			0.5000	10.3		20.0			
2-Fluorophenol (Surr)	1.3543	1.1053 1.4108	1.4575	1.2281 1.4772	1.3022	Ave		1.3336			0.0100	10.0		20.0			
Phenol-d5 (Surr)	1.3365 1.7338	1.3793 1.7687	1.8138	1.6187 1.8227	1.6814	Ave		1.6444			0.0100	11.5		20.0			
Nitrobenzene-d5 (Surr)	0.3036 0.3657	0.3504 0.3841	0.3922	0.3422 0.3986	0.3571	Ave		0.3617			0.0100	8.6		20.0			
2-Fluorobiphenyl	1.2870 1.5387	1.4476 1.5915	1.6603	1.4928 1.6718	1.4952	Ave		1.5231			0.0100	8.2		20.0			
2,4,6-Tribromophenol (Surr)	0.2426	0.1583 0.2518	0.2734	0.2095 0.2765	0.2240	Ave		0.2337			0.0100	17.6		20.0			
Terphenyl-d14 (Surr)	1.0585 1.2472	1.2473 1.2850	1.3193	1.1532 1.3645	1.2238	Ave		1.2373			0.0100	7.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-979633/10	P85623.D
Level 2	STD02 460-979633/9	P85621.D
Level 3	STD04 460-979633/8	P85619.D
Level 4	STD1 460-979633/7	P85617.D
Level 5	STD2 460-979633/6	P85615.D
Level 6	STD4 460-979633/5	P85613.D
Level 7	ICIS 460-979633/2	P85607.D
Level 8	STD16 460-979633/4	P85611.D
Level 9	STD24 460-979633/3	P85609.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	2101 78129	3872 202092	 310100	17441 453683	36820	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd4	Ave	 118574	 312016	 479856	26076 709369	54544	 4.00	 10.0	 16.0	1.00 24.0	2.00
Pyridine	DCBd4	Ave	7107 366451	16462 915267	 1518198	82517 2228894	167090	0.200 8.00	0.400 20.0	 32.0	2.00 48.0	4.00
Benzaldehyde	DCBd4	Ave	 130150	7639 170430	15230 200727	38494 227803	76639	 3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Phenol	DCBd4	Ave	 243211	 651385	 977198	54396 1446809	112293	 4.00	 10.0	 16.0	1.00 24.0	2.00
Aniline	DCBd4	Ave	 289251	 740095	 1159373	64288 1698511	132974	 4.00	 10.0	 16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd4	Ave	4384 194387	9183 508106	 776222	43294 1137099	90299	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd4	Ave	 199259	 520242	 809274	44412 1178651	91445	 4.00	 10.0	 16.0	1.00 24.0	2.00
n-Decane	DCBd4	Ave	 175466	 483529	 707731	41579 1054556	81952	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd4	Ave	 222880	 590363	 899100	52082 1317237	104234	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd4	Ave	 228819	 599154	 902756	52558 1342194	105346	 4.00	 10.0	 16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd4	Ave	 128946	 335127	 521754	27129 761251	58782	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd4	Ave	 215215	 563588	 860673	49400 1274653	101589	 4.00	 10.0	 16.0	1.00 24.0	2.00
2-Methylphenol	DCBd4	Ave	 176814	 464952	 714985	38490 1050027	81006	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd4	Ave				52669	106243				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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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
			230087	610059	905634	1345186		4.00	10.0	16.0	24.0	
N-Methylaniline	DCBd4	Ave	4621 305077	13004 829226	 1262893	68249 1896605	143004	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd4	Ave	 206924	 548696	 842014	44050 1249890	97905	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Methylphenol	DCBd4	Ave	 206924	 548696	 842008	44050 1249875	97905	 4.00	 10.0	 16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd4	Ave	2631 140464	6048 359722	 551451	31589 807839	65061	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Acetophenone	DCBd4	Ave	 290672	 756910	 1157599	66637 1693692	138884	 4.00	 10.0	 16.0	1.00 24.0	2.00
Hexachloroethane	DCBd4	Ave	2020 80863	3860 213567	 324775	18918 484491	37502	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Nitrobenzene	DCBd4	Ave	1973 100889	3865 265287	 404524	22047 598692	45915	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd4	Ave	6063 313802	14452 827784	 1279736	72678 1920661	148192	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	 363350	15696 936574	 1436539	80815 2089423	169944	 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	 97007	 255081	 401584	19388 602325	41543	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	 143863	 378027	 595551	33637 875135	67318	 4.00	 10.0	 16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin1	 83546	 222669	 423070	12237 641506	30924	 4.00	 10.0	 16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	 230821	 605215	 931776	52385 1376392	111758	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	 155774	 407781	 629777	32818 936620	72043	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	4099 170305	8401 451241	 688501	39930 1017431	81111	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	13840 611164	29748 1576236	 2394834	144422 3515876	287877	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	4093 233465	9862 607914	 951028	52647 1390910	108578	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	 154953	 401795	 621536	34342 919642	70636	 4.00	 10.0	 16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	2560 95797	4720 252595	 387626	22202 581283	44511	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Caprolactam	NPT	Lin2	 36135	928 46628	2944 59271	8854 74561	20285	 3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave				31782	71527				1.00	2.00
			151094	395414	616118	901598		4.00	10.0	16.0	24.0	
2-Methylnaphthalene	NPT	Ave		19132		91870	187685		0.200		1.00	2.00
			391213	1017322	1544269	2299798		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave		17258		83479	170761		0.200		1.00	2.00
			361032	923608	1403282	2088438		4.00	10.0	16.0	24.0	
Hexachlorocyclopentadiene	ANT	Ave				23404	47095				1.00	2.00
			105199	265424	429254	628404		4.00	10.0	16.0	24.0	
1,2,4,5-Tetrachlorobenzene	ANT	Ave				37623	78803				1.00	2.00
			164250	416961	643276	950248		4.00	10.0	16.0	24.0	
2-tertbutyl-4-methylphenol	NPT	Ave		9521		50066	106214		0.200		1.00	2.00
			225751	597424	922731	1381165		4.00	10.0	16.0	24.0	
2,4,6-Trichlorophenol	ANT	Ave		3852		21355	47694		0.200		1.00	2.00
			105393	265815	419653	613914		4.00	10.0	16.0	24.0	
2,4,5-Trichlorophenol	ANT	Ave				23765	50575				1.00	2.00
			109139	283066	440766	656761		4.00	10.0	16.0	24.0	
1,1'-Biphenyl	ANT	Ave				105917	221884				1.00	2.00
			456825	1183906	1799639	2646378		4.00	10.0	16.0	24.0	
2-Chloronaphthalene	ANT	Ave				82986	166247				1.00	2.00
			353988	881416	1355422	1988043		4.00	10.0	16.0	24.0	
Phenyl ether	ANT	Ave				57683	122010				1.00	2.00
			247808	643782	990436	1417215		4.00	10.0	16.0	24.0	
2-Nitroaniline	ANT	Ave				22466	49956				1.00	2.00
			109540	284969	434188	640933		4.00	10.0	16.0	24.0	
1,3-Dimethylnaphthalene	ANT	Ave				67264	136839				1.00	2.00
			280435	726810	1106246	1643587		4.00	10.0	16.0	24.0	
Dimethyl phthalate	ANT	Ave				85605	174771				1.00	2.00
			359567	919300	1406281	2070776		4.00	10.0	16.0	24.0	
Coumarin	NPT	Ave				28484	58940				1.00	2.00
			125683	323451	491402	732973		4.00	10.0	16.0	24.0	
2,6-Dinitrotoluene	ANT	Ave		3137		17062	37332		0.200		1.00	2.00
			79404	198782	316423	457238		4.00	10.0	16.0	24.0	
Acenaphthylene	ANT	Ave				119883	253017				1.00	2.00
			534398	1352700	2084295	3049061		4.00	10.0	16.0	24.0	
3-Nitroaniline	ANT	Ave				17708	40096				1.00	2.00
			88378	226476	359163	526183		4.00	10.0	16.0	24.0	
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				63472	126838				1.00	2.00
			266539	696228	1151104	1787093		4.00	10.0	16.0	24.0	
Acenaphthene	ANT	Ave				76426	162813				1.00	2.00
			337431	841739	1312900	1923325		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Lin1				11221	28980				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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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
			70632	202364	360958	545695		8.00	20.0	32.0	48.0	
4-Nitrophenol	ANT	Ave				21859	50809				2.00	4.00
			114402	295365	473788	704019		8.00	20.0	32.0	48.0	
2,4-Dinitrotoluene	ANT	Ave		3466		20647	46439		0.200		1.00	2.00
			98358	251000	402071	604191		4.00	10.0	16.0	24.0	
Dibenzofuran	ANT	Ave				115769	231490				1.00	2.00
			485432	1224832	1867774	2763511		4.00	10.0	16.0	24.0	
2,3,4,6-Tetrachlorophenol	ANT	Ave				17477	38407				1.00	2.00
			82737	211281	335546	504874		4.00	10.0	16.0	24.0	
Diethyl phthalate	ANT	Ave				107930	164449				1.00	2.00
			344517	880551	1423358	2031418		4.00	10.0	16.0	24.0	
Fluorene	ANT	Ave		19195		87176	186345		0.200		1.00	2.00
			377551	976034	1498828	2198053		4.00	10.0	16.0	24.0	
4-Chlorophenyl phenyl ether	ANT	Ave				42452	85277				1.00	2.00
			176377	451398	691826	1024985		4.00	10.0	16.0	24.0	
4-Nitroaniline	ANT	Ave				17741	37824				1.00	2.00
			86397	229823	355300	520901		4.00	10.0	16.0	24.0	
4,6-Dinitro-2-methylphenol	PHN	Lin2				16148	41134				2.00	4.00
			100514	277090	461177	688231		8.00	20.0	32.0	48.0	
N-Nitrosodiphenylamine	PHN	Ave				59378	124642				1.00	2.00
			264499	656535	1016756	1495255		4.00	10.0	16.0	24.0	
1,2-Diphenylhydrazine	PHN	Ave				87277	183146				1.00	2.00
			375302	975989	1450828	2161573		4.00	10.0	16.0	24.0	
Azobenzene	PHN	Ave				87277	183146				1.00	2.00
			376198	975989	1453207	2161394		4.00	10.0	16.0	24.0	
4-Bromophenyl phenyl ether	PHN	Ave				23500	48996				1.00	2.00
			97298	252378	391473	585012		4.00	10.0	16.0	24.0	
Hexachlorobenzene	PHN	Ave	3028	6334		29180	59858	0.100	0.200		1.00	2.00
			121671	306222	474502	710000		4.00	10.0	16.0	24.0	
Atrazine	PHN	Ave		3948	6959	19721	40491		0.200	0.400	1.00	2.00
			68389	91749	111607	146354		3.20	4.00	4.80	6.40	
Pentachlorophenol	PHN	Ave				25637	62231				2.00	4.00
			138313	375778	619032	934607		8.00	20.0	32.0	48.0	
Pentachloronitrobenzene	PHN	Ave				8752	18603				1.00	2.00
			40544	102329	165401	248143		4.00	10.0	16.0	24.0	
n-Octadecane	PHN	Ave				47673	104326				1.00	2.00
			227094	607627	919976	1381882		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave				121031	246176				1.00	2.00
			498353	1263420	1931243	2845867		4.00	10.0	16.0	24.0	
Anthracene	PHN	Ave				117744	239920				1.00	2.00
			504199	1280043	1976257	2955981		4.00	10.0	16.0	24.0	

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

Lab Name: Eurofins Edison | Job No.: 480-220956-1 | Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 | Calibration End Date: 06/12/2024 12:48 | Calibration ID: 97830

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbazole	PHN	Ave	446020	1143341	1777745	102096 2633906	212677	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	504414	1368288	2159738	104514 3264998	231131	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	470317	24280 1227067	1905811	109324 2866771	221887	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	234448	587397	1112514	45132 1494567	107760	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	489378	24226 1269805	1984567	114438 2964367	237425	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	159109	449022	753974	25986 1128411	65736	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	179774	512714	826484	33266 1265027	75823	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1914					0.100			
Carbamazepine	CRY	Lin1	120616	388376	684412	19858 1050350	48179	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	149785	5144 413580	736239	29452 1013438	68200	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	9233 409569	22165 1092014	1725748	95698 2582978	195715	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	391376	22087 1027537	1617335	92310 2405565	191195	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Qua1	253140	7852 729405	1188190	46021 1804041	107273	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Lin2	383739	1159437	1949534	60828 3012988	151821	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	7529 381612	17740 1052539	1690994	87534 2529258	183013	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	8168 412144	18999 1142558	1781513	94241 2552826	198901	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	6554 354315	14825 1005273	1575290	76128 2369326	165200	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	6956 398932	16997 1119204	1800928	91455 2738999	195869	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	7872 399192	18775 1116090	1829753	94832 2765952	197451	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	7198 389259	18311 1067774	1681790	90214 2587902	190652	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd4	Ave		7869		42271	89115		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.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

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
			195880	533172	866034	1233701		4.00	10.0	16.0	24.0	
Phenol-d5 (Surr)	DCBd4	Ave	4712 250768	9820 668426	 1077709	55713 1522305	115064	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	4203 206133	9897 559802	 892835	46114 1266772	96897	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	9179 436300	21840 1144824	 1832768	103830 2621178	210621	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	 68782	2388 181131	 301847	14570 433588	31553	 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	8071 393547	21411 1064724	 1763581	88444 2573488	190831	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 979633

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/12/2024 07:09 Calibration End Date: 06/12/2024 12:48 Calibration ID: 97830

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-979633/10	P85623.D
Level 2	STD02 460-979633/9	P85621.D
Level 3	STD04 460-979633/8	P85619.D
Level 4	STD1 460-979633/7	P85617.D
Level 5	STD2 460-979633/6	P85615.D
Level 6	STD4 460-979633/5	P85613.D
Level 7	ICIS 460-979633/2	P85607.D
Level 8	STD16 460-979633/4	P85611.D
Level 9	STD24 460-979633/3	P85609.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				18.9						30		
Caprolactam		3.1						30				
2,4-Dinitrophenol				18.1						30		
4,6-Dinitro-2-methylphenol				3.8						30		
Carbamazepine				20.8						30		
Di-n-octyl phthalate				5.4						30		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85607.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 12-Jun-2024 07:09:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:19:59 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 15:16:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.878	1.878	0.000	93	202092	10.0	9.89	
2 N-Nitrosodimethylamine	74	2.092	2.092	0.000	93	312016	10.0	10.2	
3 Pyridine	79	2.130	2.130	0.000	95	915267	20.0	20.0	
$ 4 2-Fluorophenol	112	3.213	3.213	0.000	97	533172	10.0	10.6	
5 Benzaldehyde	77	4.050	4.050	0.000	95	170430	4.00	4.09	
$ 6 Phenol-d5	99	4.094	4.094	0.000	99	668426	10.0	10.8	
7 Phenol	94	4.107	4.107	0.000	98	651385	10.0	10.3	
8 Aniline	93	4.149	4.149	0.000	98	740095	10.0	10.0	
9 Bis(2-chloroethyl)ether	93	4.210	4.210	0.000	98	508106	10.0	10.3	
10 Benzonitrile	103	4.229	4.229	0.000	98	1022564	NC	NC	
11 2-Chlorophenol	128	4.264	4.264	0.000	97	520242	10.0	10.1	
12 n-Decane	43	4.315	4.315	0.000	89	483529	10.0	10.4	
13 1,3-Dichlorobenzene	146	4.414	4.414	0.000	96	590363	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.469	4.469	0.000	95	302341	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.485	4.485	0.000	96	599154	10.0	10.2	
17 Benzyl alcohol	108	4.590	4.590	0.000	95	335127	10.0	10.2	
18 1,2-Dichlorobenzene	146	4.628	4.628	0.000	96	563588	10.0	10.1	
20 2-Methylphenol	108	4.689	4.689	0.000	89	464952	10.0	10.2	
21 2,2'-oxybis[1-chloropropane]	45	4.721	4.721	0.000	94	610059	10.0	10.3	
22 N-Methylaniline	106	4.839	4.839	0.000	78	829226	10.0	11.0	
26 4-Methylphenol	108	4.839	4.839	0.000	84	548696	10.0	10.2	
25 3 & 4 Methylphenol	108	4.839	4.839	0.000	95	548696	10.0	10.2	
24 N-Nitrosodi-n-propylamine	70	4.849	4.849	0.000	86	359722	10.0	10.5	
23 Acetophenone	105	4.849	4.849	0.000	91	756910	10.0	10.1	
27 Hexachloroethane	117	4.951	4.951	0.000	96	213567	10.0	10.1	
$ 28 Nitrobenzene-d5	82	4.993	4.993	0.000	86	559802	10.0	10.6	
29 Nitrobenzene	123	5.012	5.012	0.000	95	265287	10.0	10.8	
30 n,n'-Dimethylaniline	120	5.015	5.015	0.000	97	827784	10.0	10.4	
31 Isophorone	82	5.239	5.239	0.000	99	936574	10.0	10.3	
32 2-Nitrophenol	139	5.313	5.313	0.000	95	255081	10.0	10.4	
33 2,4-Dimethylphenol	122	5.351	5.351	0.000	92	378027	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.428	5.428	0.000	87	222669	10.0	8.57	
34 Bis(2-chloroethoxy)methane	93	5.447	5.447	0.000	98	605215	10.0	10.1	
36 2,4-Dichlorophenol	162	5.540	5.540	0.000	97	407781	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.626	5.626	0.000	94	451241	10.0	10.2	
* 38 Naphthalene-d8	136	5.680	5.680	0.000	99	1165924	8.00	8.00	
39 Naphthalene	128	5.700	5.700	0.000	99	1576236	10.0	10.2	
40 4-Chloroaniline	127	5.751	5.751	0.000	97	607914	10.0	10.7	
41 2,6-Dichlorophenol	162	5.757	5.757	0.000	98	401795	10.0	10.2	
42 Hexachlorobutadiene	225	5.821	5.821	0.000	96	252595	10.0	10.1	
44 Caprolactam	113	6.064	6.064	0.000	93	46628	4.00	3.96	
45 4-Chloro-3-methylphenol	107	6.208	6.208	0.000	96	395414	10.0	10.2	
46 2-Methylnaphthalene	142	6.361	6.361	0.000	85	1017322	10.0	10.1	
47 1-Methylnaphthalene	142	6.454	6.454	0.000	93	923608	10.0	10.1	
48 Hexachlorocyclopentadiene	237	6.512	6.512	0.000	97	265424	10.0	10.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.518	6.518	0.000	96	416961	10.0	10.1	
50 2-tertbutyl-4-methylphenol	149	6.550	6.550	0.000	91	597424	10.0	10.4	
51 2,4,6-Trichlorophenol	196	6.624	6.624	0.000	90	265815	10.0	10.7	
52 2,4,5-Trichlorophenol	196	6.656	6.656	0.000	97	283066	10.0	10.3	
$ 53 2-Fluorobiphenyl	172	6.710	6.710	0.000	97	1144824	10.0	10.4	
54 1,1'-Biphenyl	154	6.806	6.806	0.000	95	1183906	10.0	10.2	
55 2-Chloronaphthalene	162	6.822	6.822	0.000	98	881416	10.0	10.0	
56 Phenyl ether	170	6.905	6.905	0.000	87	643782	10.0	10.2	
57 2-Nitroaniline	65	6.915	6.915	0.000	98	284969	10.0	10.5	
58 1,3-Dimethylnaphthalene	156	7.030	7.030	0.000	91	726810	10.0	10.1	
59 Dimethyl phthalate	163	7.097	7.097	0.000	99	919300	10.0	10.1	
60 Coumarin	146	7.113	7.113	0.000	80	323451	10.0	10.1	
61 2,6-Dinitrotoluene	165	7.148	7.148	0.000	97	198782	10.0	10.4	
62 Acenaphthylene	152	7.212	7.212	0.000	97	1352700	10.0	10.1	
63 3-Nitroaniline	138	7.302	7.302	0.000	97	226476	10.0	10.3	
* 64 Acenaphthene-d10	164	7.347	7.347	0.000	95	575454	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.372	7.372	0.000	97	696228	10.0	9.84	
65 Acenaphthene	154	7.379	7.379	0.000	96	841739	10.0	9.99	
67 2,4-Dinitrophenol	184	7.401	7.401	0.000	95	202364	20.0	17.9	a
68 4-Nitrophenol	65	7.456	7.456	0.000	90	295365	20.0	20.8	
69 2,4-Dinitrotoluene	165	7.526	7.526	0.000	96	251000	10.0	10.6	
70 Dibenzofuran	168	7.542	7.542	0.000	96	1224832	10.0	10.0	
71 2,3,4,6-Tetrachlorophenol	232	7.654	7.654	0.000	93	211281	10.0	10.2	
72 Diethyl phthalate	149	7.769	7.769	0.000	98	880551	10.0	9.49	
73 Fluorene	166	7.868	7.868	0.000	95	976034	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.872	7.872	0.000	87	451398	10.0	10.1	
75 4-Nitroaniline	138	7.878	7.878	0.000	91	229823	10.0	10.6	
76 4,6-Dinitro-2-methylphenol	198	7.910	7.910	0.000	87	277090	20.0	19.4	
77 N-Nitrosodiphenylamine	169	7.981	7.981	0.000	99	656535	10.0	10.1	
131 Azobenzene	77	8.022	8.022	0.000	0	975989	10.0	10.4	
78 1,2-Diphenylhydrazine	77	8.022	8.022	0.000	99	975989	10.0	10.4	
$ 79 2,4,6-Tribromophenol	330	8.093	8.093	0.000	93	181131	10.0	10.8	
80 4-Bromophenyl phenyl ether	248	8.332	8.332	0.000	90	252378	10.0	10.1	
82 Hexachlorobenzene	284	8.387	8.387	0.000	97	306222	10.0	10.1	
83 Atrazine	200	8.489	8.489	0.000	93	91749	4.00	4.35	
84 Pentachlorophenol	266	8.569	8.569	0.000	95	375778	20.0	21.2	
85 Pentachloronitrobenzene	237	8.585	8.585	0.000	90	102329	10.0	10.1	
87 n-Octadecane	57	8.672	8.672	0.000	89	607627	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	8.752	8.752	0.000	99	951679	8.00	8.00	
89 Phenanthrene	178	8.774	8.774	0.000	98	1263420	10.0	10.1	
90 Anthracene	178	8.822	8.822	0.000	98	1280043	10.0	10.1	
91 Carbazole	167	8.976	8.976	0.000	96	1143341	10.0	10.2	
92 Di-n-butyl phthalate	149	9.321	9.321	0.000	99	1368288	10.0	10.6	
93 Fluoranthene	202	9.900	9.900	0.000	97	1227067	10.0	10.4	
94 Benzidine	184	10.031	10.031	0.000	100	587397	10.0	9.86	
95 Pyrene	202	10.114	10.114	0.000	96	1269805	10.0	10.2	
96 Bisphenol-A	213	10.165	10.165	0.000	98	449022	10.0	11.0	
$ 97 Terphenyl-d14	244	10.274	10.274	0.000	97	1064724	10.0	10.4	
98 Butyl benzyl phthalate	149	10.789	10.789	0.000	97	512714	10.0	10.9	
99 2,3,7,8-TCDD	320	10.866	10.866	0.000	91	1914	0.1000	0.1000	
100 Carbamazepine	193	10.888	10.888	0.000	93	388376	10.0	9.34	
101 3,3'-Dichlorobenzidine	252	11.365	11.365	0.000	100	413580	10.0	11.0	
102 Benzo[a]anthracene	228	11.384	11.384	0.000	100	1092014	10.0	10.3	
* 103 Chrysene-d12	240	11.397	11.397	0.000	99	662864	8.00	8.00	
104 Chrysene	228	11.426	11.426	0.000	98	1027537	10.0	10.0	
105 Bis(2-ethylhexyl) phthalate	149	11.465	11.465	0.000	87	729405	10.0	10.3	
106 Di-n-octyl phthalate	149	12.322	12.322	0.000	96	1159437	10.0	9.70	
107 Benzo[b]fluoranthene	252	12.776	12.776	0.000	98	1052539	10.0	10.5	
108 Benzo[k]fluoranthene	252	12.814	12.814	0.000	99	1142558	10.0	10.7	
109 Benzo[a]pyrene	252	13.230	13.230	0.000	96	1005273	10.0	11.1	
* 110 Perylene-d12	264	13.307	13.307	0.000	98	743929	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.900	14.900	0.000	99	1119204	10.0	10.8	
112 Dibenz(a,h)anthracene	278	14.948	14.948	0.000	97	1116090	10.0	10.4	
113 Benzo[g,h,i]perylene	276	15.339	15.339	0.000	97	1067774	10.0	10.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:02 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85607.D

Injection Date: 12-Jun-2024 07:09:30 Instrument ID: CBNAMS18 Operator ID:

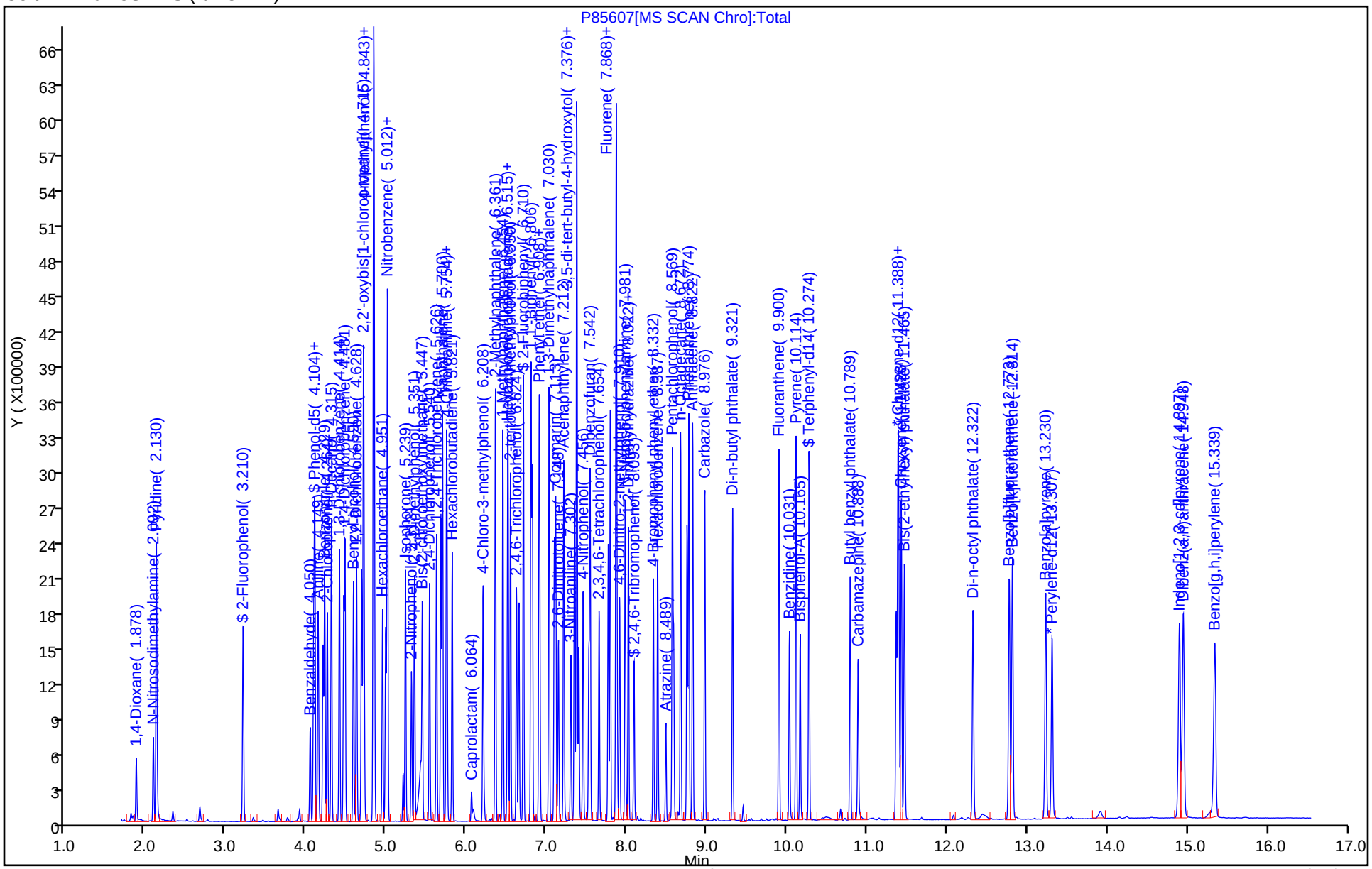
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

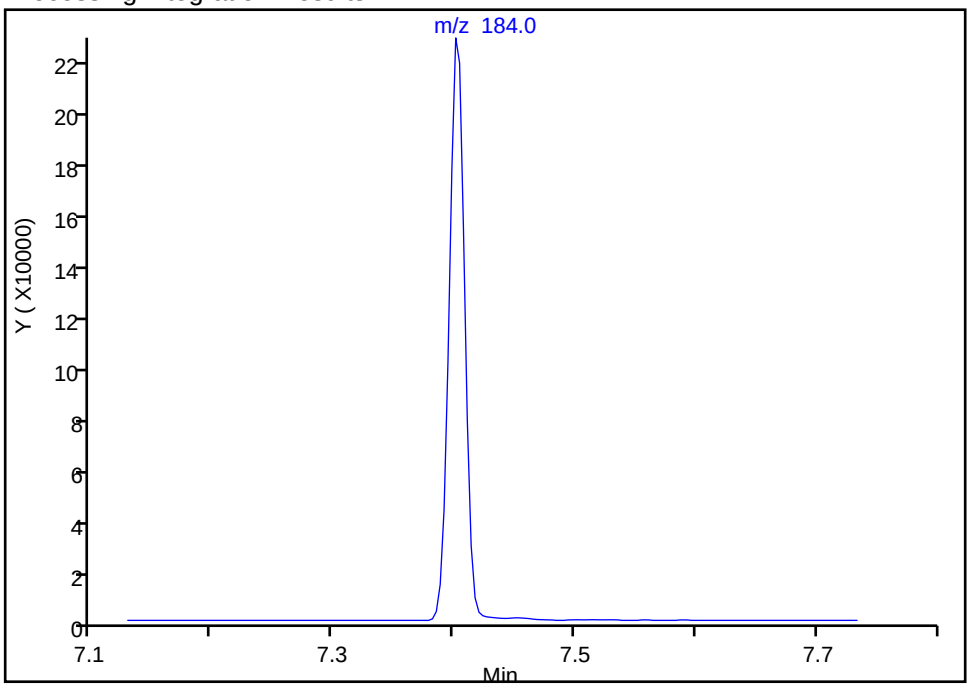
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85607.D				
Injection Date:	12-Jun-2024 07:09:30	Instrument ID:	CBNAMS18		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

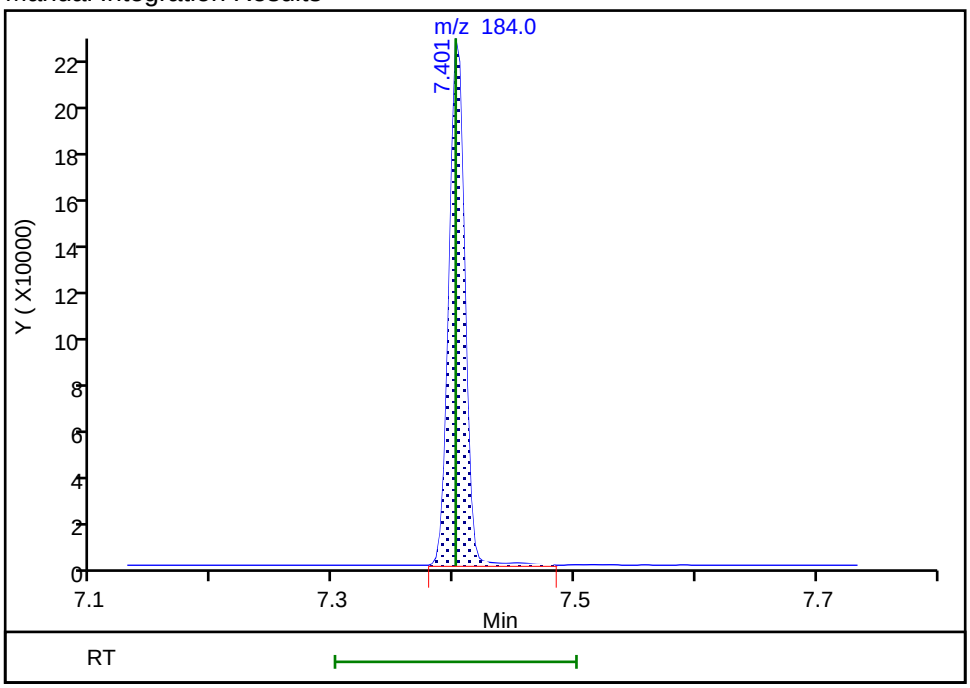
Processing Integration Results

Not Detected
Expected RT: 7.40



Manual Integration Results

RT: 7.40
Area: 202364
Amount: 17.935395
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 07:35:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85609.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 12-Jun-2024 07:52:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-003
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:06 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 09:00:48

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	1.875	1.878	-0.003	92	453683	24.0	24.1	
2 N-Nitrosodimethylamine	74	2.092	2.092	0.000	95	709369	24.0	25.2	
3 Pyridine	79	2.127	2.130	-0.003	96	2228894	48.0	53.0	
$ 4 2-Fluorophenol	112	3.216	3.213	0.003	97	1233701	24.0	26.6	
5 Benzaldehyde	77	4.050	4.050	0.000	97	227803	6.40	5.94	
$ 6 Phenol-d5	99	4.101	4.094	0.007	98	1522305	24.0	26.6	
7 Phenol	94	4.114	4.107	0.007	97	1446809	24.0	24.9	
8 Aniline	93	4.152	4.149	0.003	98	1698511	24.0	24.9	
9 Bis(2-chloroethyl)ether	93	4.216	4.210	0.006	99	1137099	24.0	25.0	
10 Benzonitrile	103	4.239	4.229	0.010	97	2300715	NC	NC	
11 2-Chlorophenol	128	4.267	4.264	0.003	98	1178651	24.0	24.9	
12 n-Decane	43	4.315	4.315	0.000	88	1054556	24.0	24.7	
13 1,3-Dichlorobenzene	146	4.418	4.414	0.004	96	1317237	24.0	24.6	
* 14 1,4-Dichlorobenzene-d4	152	4.469	4.469	0.000	95	278392	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.485	4.485	0.000	95	1342194	24.0	24.7	
17 Benzyl alcohol	108	4.593	4.590	0.003	96	761251	24.0	25.2	
18 1,2-Dichlorobenzene	146	4.629	4.628	0.001	97	1274653	24.0	24.8	
20 2-Methylphenol	108	4.696	4.689	0.007	90	1050027	24.0	25.1	
21 2,2'-oxybis[1-chloropropane]	45	4.725	4.721	0.004	95	1345186	24.0	24.6	
22 N-Methylaniline	106	4.843	4.839	0.004	93	1896605	24.0	27.4	a
26 4-Methylphenol	108	4.846	4.839	0.007	85	1249875	24.0	25.3	
25 3 & 4 Methylphenol	108	4.846	4.839	0.007	86	1249890	24.0	25.3	
24 N-Nitrosodi-n-propylamine	70	4.856	4.849	0.007	86	807839	24.0	25.5	
23 Acetophenone	105	4.856	4.849	0.007	93	1693692	24.0	24.4	
27 Hexachloroethane	117	4.955	4.951	0.004	96	484491	24.0	25.0	
$ 28 Nitrobenzene-d5	82	4.996	4.993	0.003	85	1266772	24.0	26.4	
29 Nitrobenzene	123	5.016	5.012	0.004	99	598692	24.0	26.4	
30 n,n'-Dimethylaniline	120	5.019	5.015	0.004	98	1920661	24.0	26.2	
31 Isophorone	82	5.246	5.239	0.007	99	2089423	24.0	25.3	
32 2-Nitrophenol	139	5.316	5.313	0.003	96	602325	24.0	27.0	
33 2,4-Dimethylphenol	122	5.354	5.351	0.003	92	875135	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
35 Benzoic acid	122	5.460	5.428	0.032	87	641506	24.0	25.6	
34 Bis(2-chloroethoxy)methane	93	5.450	5.447	0.003	98	1376392	24.0	25.3	
36 2,4-Dichlorophenol	162	5.543	5.540	0.003	97	936620	24.0	25.9	
37 1,2,4-Trichlorobenzene	180	5.626	5.626	0.000	95	1017431	24.0	25.4	
* 38 Naphthalene-d8	136	5.681	5.680	0.001	99	1059382	8.00	8.00	
39 Naphthalene	128	5.703	5.700	0.003	99	3515876	24.0	25.0	
40 4-Chloroaniline	127	5.754	5.751	0.003	98	1390910	24.0	26.9	
41 2,6-Dichlorophenol	162	5.761	5.757	0.004	99	919642	24.0	25.6	
42 Hexachlorobutadiene	225	5.822	5.821	0.001	97	581283	24.0	25.5	
44 Caprolactam	113	6.128	6.064	0.064	95	74561	6.40	6.86	
45 4-Chloro-3-methylphenol	107	6.211	6.208	0.003	97	901598	24.0	25.6	
46 2-Methylnaphthalene	142	6.362	6.361	0.001	85	2299798	24.0	25.1	
47 1-Methylnaphthalene	142	6.455	6.454	0.001	93	2088438	24.0	25.0	
48 Hexachlorocyclopentadiene	237	6.512	6.512	0.000	97	628404	24.0	26.2	
49 1,2,4,5-Tetrachlorobenzene	216	6.522	6.518	0.004	97	950248	24.0	25.3	
50 2-tertbutyl-4-methylphenol	149	6.551	6.550	0.001	91	1381165	24.0	26.5	
51 2,4,6-Trichlorophenol	196	6.627	6.624	0.003	91	613914	24.0	27.3	
52 2,4,5-Trichlorophenol	196	6.656	6.656	0.000	98	656761	24.0	26.3	
$ 53 2-Fluorobiphenyl	172	6.714	6.710	0.004	98	2621178	24.0	26.3	
54 1,1'-Biphenyl	154	6.807	6.806	0.001	95	2646378	24.0	25.1	
55 2-Chloronaphthalene	162	6.823	6.822	0.001	98	1988043	24.0	24.9	
56 Phenyl ether	170	6.909	6.905	0.004	87	1417215	24.0	24.7	
57 2-Nitroaniline	65	6.919	6.915	0.004	97	640933	24.0	26.0	
58 1,3-Dimethylnaphthalene	156	7.034	7.030	0.004	91	1643587	24.0	25.2	
59 Dimethyl phthalate	163	7.101	7.097	0.004	99	2070776	24.0	25.0	
60 Coumarin	146	7.117	7.113	0.004	80	732973	24.0	25.2	
61 2,6-Dinitrotoluene	165	7.152	7.148	0.004	97	457238	24.0	26.4	
62 Acenaphthylene	152	7.216	7.212	0.004	97	3049061	24.0	25.2	
63 3-Nitroaniline	138	7.306	7.302	0.004	98	526183	24.0	26.5	
* 64 Acenaphthene-d10	164	7.348	7.347	0.001	95	522631	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.376	7.372	0.004	97	1787093	24.0	27.8	
65 Acenaphthene	154	7.380	7.379	0.001	96	1923325	24.0	25.1	
67 2,4-Dinitrophenol	184	7.409	7.401	0.008	96	545695	48.0	50.5	a
68 4-Nitrophenol	65	7.463	7.456	0.007	90	704019	48.0	54.6	
69 2,4-Dinitrotoluene	165	7.530	7.526	0.004	97	604191	24.0	28.1	
70 Dibenzofuran	168	7.546	7.542	0.004	96	2763511	24.0	24.9	
71 2,3,4,6-Tetrachlorophenol	232	7.658	7.654	0.004	94	504874	24.0	26.7	
72 Diethyl phthalate	149	7.773	7.769	0.004	98	2031418	24.0	24.1	
73 Fluorene	166	7.870	7.868	0.002	95	2198053	24.0	25.3	
74 4-Chlorophenyl phenyl ether	204	7.873	7.872	0.001	88	1024985	24.0	25.1	
75 4-Nitroaniline	138	7.889	7.878	0.011	89	520901	24.0	26.6	
76 4,6-Dinitro-2-methylphenol	198	7.918	7.910	0.008	88	688231	48.0	51.2	
77 N-Nitrosodiphenylamine	169	7.985	7.981	0.004	99	1495255	24.0	25.3	
131 Azobenzene	77	8.023	8.022	0.001	0	2161394	24.0	25.2	
78 1,2-Diphenylhydrazine	77	8.023	8.022	0.001	98	2161573	24.0	25.2	
$ 79 2,4,6-Tribromophenol	330	8.094	8.093	0.001	92	433588	24.0	28.4	
80 4-Bromophenyl phenyl ether	248	8.334	8.332	0.002	92	585012	24.0	25.7	
82 Hexachlorobenzene	284	8.388	8.387	0.001	96	710000	24.0	25.8	
83 Atrazine	200	8.491	8.489	0.002	93	146354	6.40	7.61	
84 Pentachlorophenol	266	8.574	8.569	0.005	95	934607	48.0	58.0	
85 Pentachloronitrobenzene	237	8.587	8.585	0.002	90	248143	24.0	27.0	
87 n-Octadecane	57	8.673	8.672	0.001	88	1381882	24.0	26.7	

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	8.753	8.752	0.001	99	866868	8.00	8.00	
89 Phenanthrene	178	8.779	8.774	0.005	98	2845867	24.0	24.9	
90 Anthracene	178	8.827	8.822	0.005	98	2955981	24.0	25.7	
91 Carbazole	167	8.977	8.976	0.001	96	2633906	24.0	25.8	
92 Di-n-butyl phthalate	149	9.323	9.321	0.002	99	3264998	24.0	27.8	
93 Fluoranthene	202	9.902	9.900	0.002	97	2866771	24.0	26.6	
94 Benzidine	184	10.033	10.031	0.002	100	1494567	24.0	27.5	
95 Pyrene	202	10.116	10.114	0.002	96	2964367	24.0	25.0	
96 Bisphenol-A	213	10.167	10.165	0.002	98	1128411	24.0	29.0	
$ 97 Terphenyl-d14	244	10.276	10.274	0.002	97	2573488	24.0	26.5	
98 Butyl benzyl phthalate	149	10.792	10.789	0.003	97	1265027	24.0	28.4	
100 Carbamazepine	193	10.891	10.888	0.003	93	1050350	24.0	25.3	
101 3,3'-Dichlorobenzidine	252	11.368	11.365	0.003	100	1013438	24.0	28.4	
102 Benzo[a]anthracene	228	11.387	11.384	0.003	100	2582978	24.0	25.6	
* 103 Chrysene-d12	240	11.400	11.397	0.003	99	628690	8.00	8.00	
104 Chrysene	228	11.432	11.426	0.006	98	2405565	24.0	24.7	
105 Bis(2-ethylhexyl) phthalate	149	11.467	11.465	0.002	89	1804041	24.0	24.0	
106 Di-n-octyl phthalate	149	12.321	12.322	-0.001	96	3012988	24.0	26.2	
107 Benzo[b]fluoranthene	252	12.779	12.776	0.003	99	2529258	24.0	27.2	
108 Benzo[k]fluoranthene	252	12.821	12.814	0.007	99	2552826	24.0	25.7	
109 Benzo[a]pyrene	252	13.233	13.230	0.003	97	2369326	24.0	28.1	
* 110 Perylene-d12	264	13.310	13.307	0.003	98	691556	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.910	14.900	0.010	99	2738999	24.0	28.4	
112 Dibenz(a,h)anthracene	278	14.955	14.948	0.007	97	2765952	24.0	27.8	
113 Benzo[g,h,i]perylene	276	15.355	15.339	0.016	97	2587902	24.0	27.4	
S 115 Total Cresols	1				0			50.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:09 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85609.D

Injection Date: 12-Jun-2024 07:52:30 Instrument ID: CBNAMS18 Operator ID:

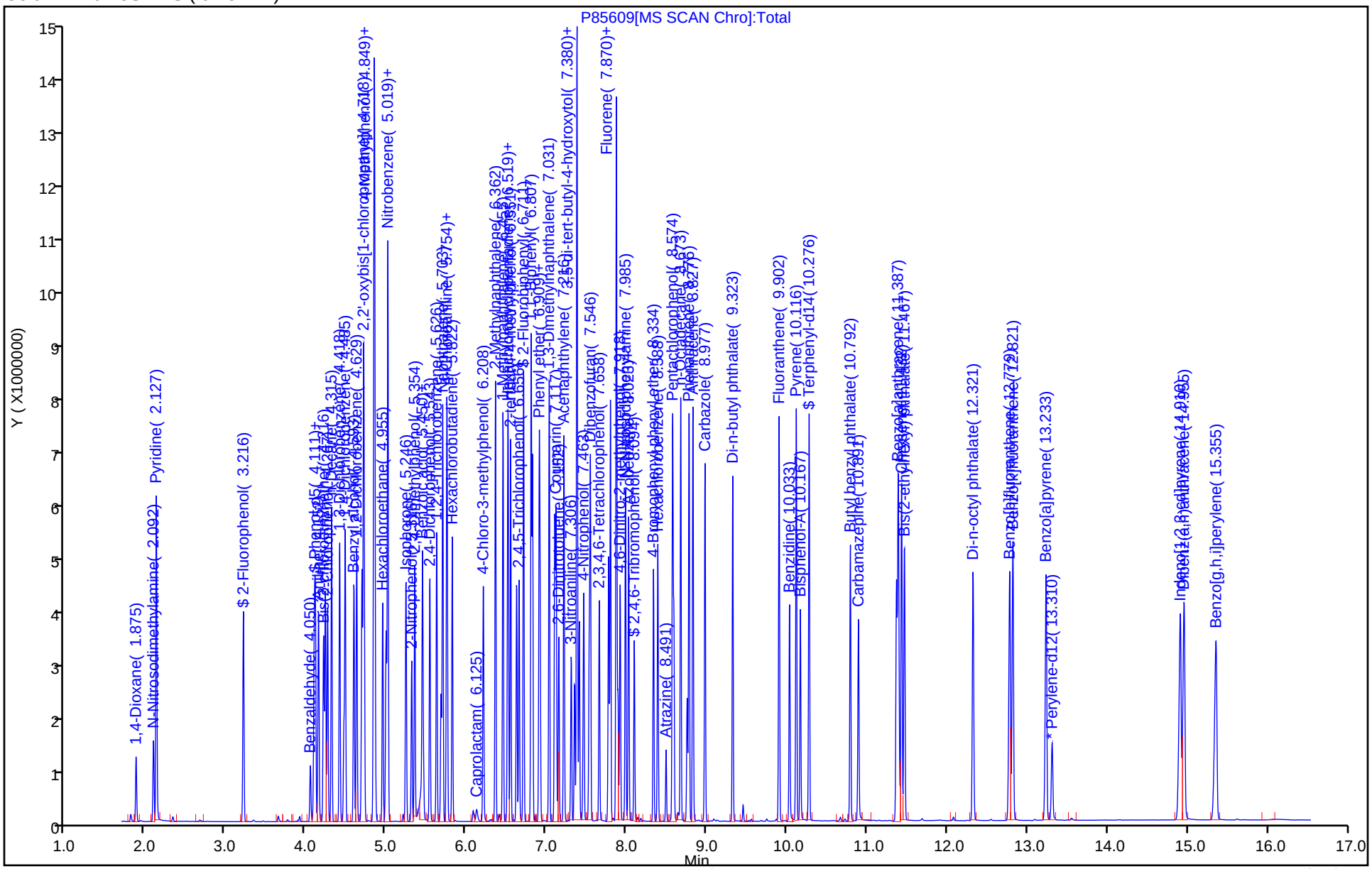
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

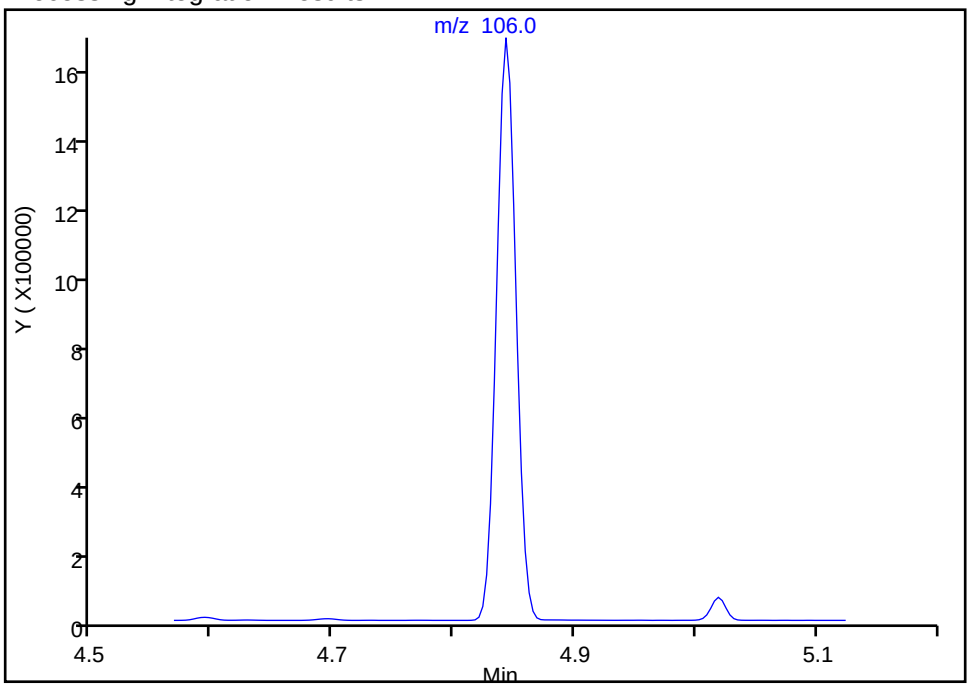
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85609.D				
Injection Date:	12-Jun-2024 07:52:30	Instrument ID:	CBNAMS18		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

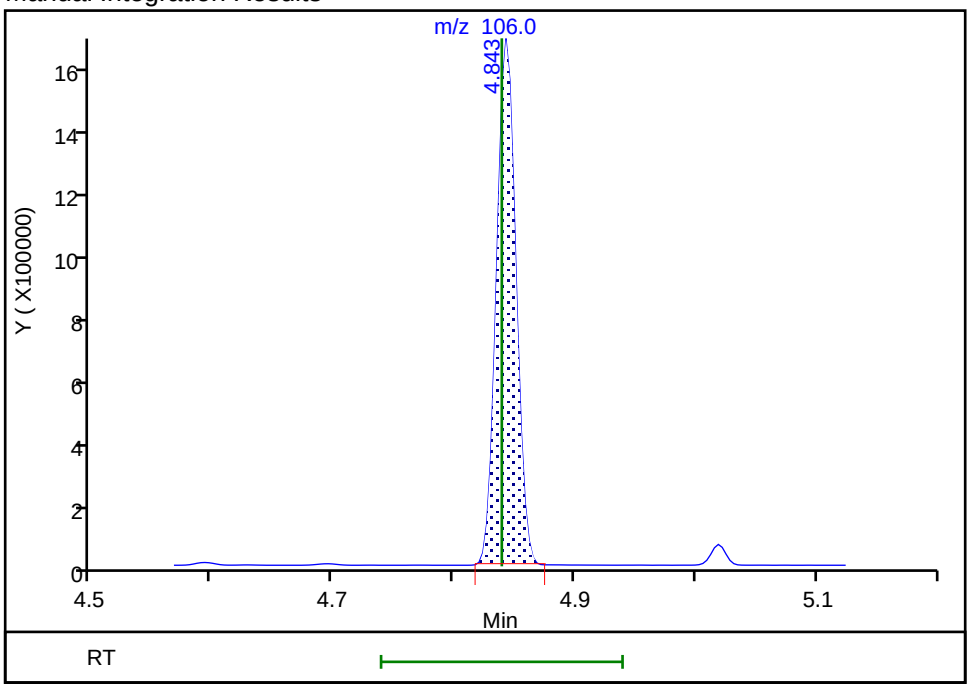
Processing Integration Results

Not Detected
Expected RT: 4.84



Manual Integration Results

RT:	4.84
Area:	1896605
Amount:	27.405737
Amount Units:	ug/ml



Reviewer: G4KC, 12-Jun-2024 08:59:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

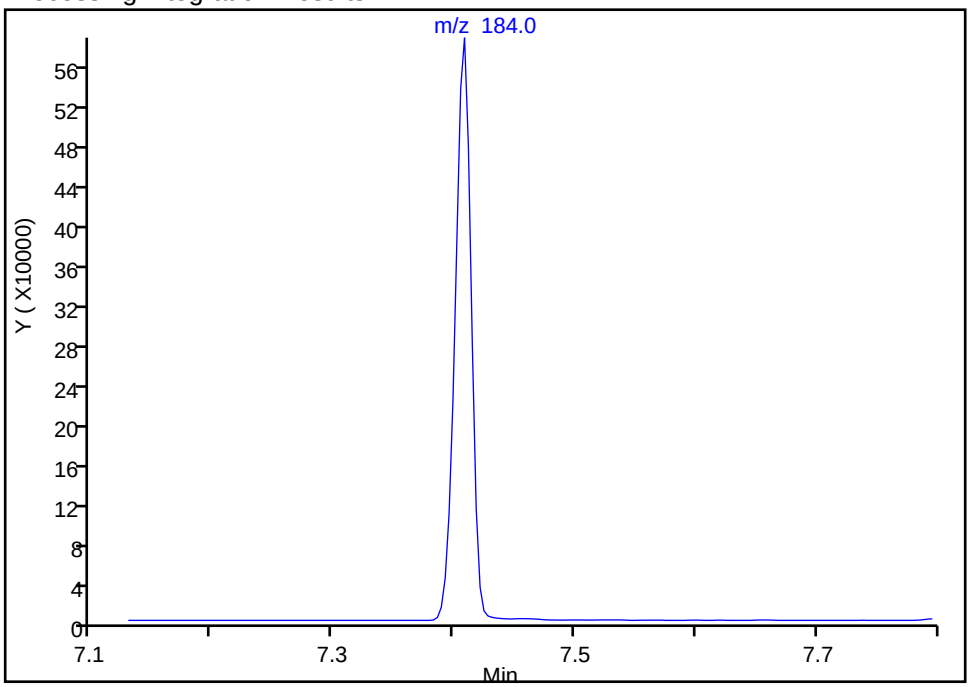
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85609.D				
Injection Date:	12-Jun-2024 07:52:30	Instrument ID:	CBNAMS18		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

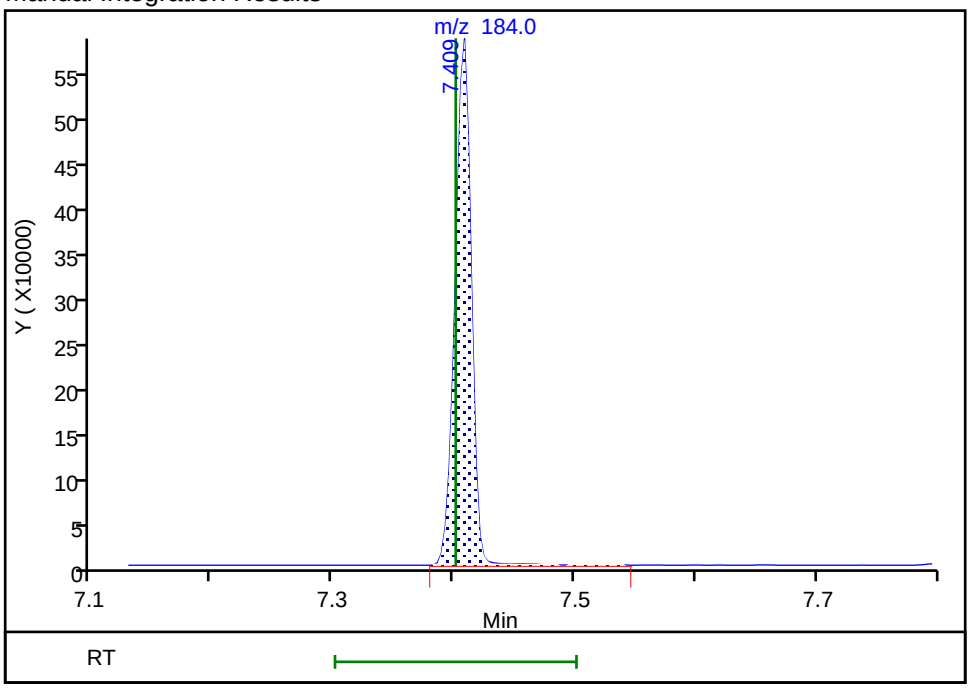
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.41
Area: 545695
Amount: 50.465777
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 09:00:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85611.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Jun-2024 08:34:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-004
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:12 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 09:02:02

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	1.878	1.878	0.000	93	310100	16.0	15.4	
2 N-Nitrosodimethylamine	74	2.092	2.092	0.000	94	479856	16.0	16.0	
3 Pyridine	79	2.127	2.130	-0.003	96	1518198	32.0	33.8	
$ 4 2-Fluorophenol	112	3.213	3.213	0.000	97	866034	16.0	17.5	
5 Benzaldehyde	77	4.050	4.050	0.000	96	200727	4.80	4.90	
$ 6 Phenol-d5	99	4.098	4.094	0.004	98	1077709	16.0	17.6	
7 Phenol	94	4.110	4.107	0.003	97	977198	16.0	15.8	
8 Aniline	93	4.152	4.149	0.003	98	1159373	16.0	15.9	
9 Bis(2-chloroethyl)ether	93	4.213	4.210	0.003	98	776222	16.0	16.0	
10 Benzonitrile	103	4.232	4.229	0.003	97	1548952	NC	NC	
11 2-Chlorophenol	128	4.264	4.264	0.000	98	809274	16.0	16.0	
12 n-Decane	43	4.315	4.315	0.000	88	707731	16.0	15.6	
13 1,3-Dichlorobenzene	146	4.414	4.414	0.000	97	899100	16.0	15.7	
* 14 1,4-Dichlorobenzene-d4	152	4.468	4.469	-0.001	95	297089	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.484	4.485	-0.001	95	902756	16.0	15.6	
17 Benzyl alcohol	108	4.593	4.590	0.003	95	521754	16.0	16.2	
18 1,2-Dichlorobenzene	146	4.628	4.628	0.000	97	860673	16.0	15.7	
20 2-Methylphenol	108	4.692	4.689	0.003	90	714985	16.0	16.0	
21 2,2'-oxybis[1-chloropropane]	45	4.721	4.721	0.000	95	905634	16.0	15.5	
22 N-Methylaniline	106	4.842	4.839	0.003	78	1262893	16.0	17.1	
26 4-Methylphenol	108	4.842	4.839	0.003	84	842008	16.0	16.0	
25 3 & 4 Methylphenol	108	4.842	4.839	0.003	94	842014	16.0	16.0	
24 N-Nitrosodi-n-propylamine	70	4.852	4.849	0.003	86	551451	16.0	16.3	
23 Acetophenone	105	4.852	4.849	0.003	92	1157599	16.0	15.6	
27 Hexachloroethane	117	4.951	4.951	0.000	96	324775	16.0	15.7	
$ 28 Nitrobenzene-d5	82	4.993	4.993	0.000	85	892835	16.0	17.3	
29 Nitrobenzene	123	5.012	5.012	0.000	98	404524	16.0	16.7	
30 n,n'-Dimethylaniline	120	5.015	5.015	0.000	92	1279736	16.0	16.4	
31 Isophorone	82	5.239	5.239	0.000	99	1436539	16.0	16.2	
32 2-Nitrophenol	139	5.316	5.313	0.003	95	401584	16.0	16.8	
33 2,4-Dimethylphenol	122	5.351	5.351	0.000	92	595551	16.0	16.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.444	5.428	0.016	87	423070	16.0	16.0	
34 Bis(2-chloroethoxy)methane	93	5.450	5.447	0.003	98	931776	16.0	15.9	
36 2,4-Dichlorophenol	162	5.539	5.540	-0.001	97	629777	16.0	16.2	
37 1,2,4-Trichlorobenzene	180	5.626	5.626	0.000	94	688501	16.0	16.0	
* 38 Naphthalene-d8	136	5.680	5.680	0.000	99	1138345	8.00	8.00	
39 Naphthalene	128	5.703	5.700	0.003	99	2394834	16.0	15.8	
40 4-Chloroaniline	127	5.751	5.751	0.000	97	951028	16.0	17.1	
41 2,6-Dichlorophenol	162	5.757	5.757	0.000	99	621536	16.0	16.1	
42 Hexachlorobutadiene	225	5.821	5.821	0.000	96	387626	16.0	15.8	
44 Caprolactam	113	6.070	6.064	0.006	94	59271	4.80	5.11	
45 4-Chloro-3-methylphenol	107	6.208	6.208	0.000	96	616118	16.0	16.3	
46 2-Methylnaphthalene	142	6.361	6.361	0.000	85	1544269	16.0	15.7	
47 1-Methylnaphthalene	142	6.454	6.454	0.000	93	1403282	16.0	15.7	
48 Hexachlorocyclopentadiene	237	6.512	6.512	0.000	97	429254	16.0	17.0	
49 1,2,4,5-Tetrachlorobenzene	216	6.518	6.518	0.000	97	643276	16.0	16.2	
50 2-tertbutyl-4-methylphenol	149	6.550	6.550	0.000	91	922731	16.0	16.5	
51 2,4,6-Trichlorophenol	196	6.624	6.624	0.000	90	419653	16.0	17.6	
52 2,4,5-Trichlorophenol	196	6.656	6.656	0.000	97	440766	16.0	16.7	
$ 53 2-Fluorobiphenyl	172	6.710	6.710	0.000	97	1832768	16.0	17.4	
54 1,1'-Biphenyl	154	6.806	6.806	0.000	95	1799639	16.0	16.2	
55 2-Chloronaphthalene	162	6.822	6.822	0.000	98	1355422	16.0	16.1	
56 Phenyl ether	170	6.908	6.905	0.003	87	990436	16.0	16.4	
57 2-Nitroaniline	65	6.915	6.915	0.000	99	434188	16.0	16.7	
58 1,3-Dimethylnaphthalene	156	7.030	7.030	0.000	91	1106246	16.0	16.1	
59 Dimethyl phthalate	163	7.097	7.097	0.000	99	1406281	16.0	16.1	
60 Coumarin	146	7.113	7.113	0.000	83	491402	16.0	15.7	
61 2,6-Dinitrotoluene	165	7.148	7.148	0.000	97	316423	16.0	17.3	
62 Acenaphthylene	152	7.216	7.212	0.004	97	2084295	16.0	16.3	
63 3-Nitroaniline	138	7.305	7.302	0.003	98	359163	16.0	17.1	
* 64 Acenaphthene-d10	164	7.347	7.347	0.000	95	551928	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.376	7.372	0.004	97	1151104	16.0	17.0	
65 Acenaphthene	154	7.379	7.379	0.000	96	1312900	16.0	16.2	
67 2,4-Dinitrophenol	184	7.404	7.401	0.003	97	360958	32.0	32.1	a
68 4-Nitrophenol	65	7.459	7.456	0.003	89	473788	32.0	34.8	
69 2,4-Dinitrotoluene	165	7.529	7.526	0.003	96	402071	16.0	17.7	
70 Dibenzofuran	168	7.542	7.542	0.000	96	1867774	16.0	16.0	
71 2,3,4,6-Tetrachlorophenol	232	7.654	7.654	0.000	94	335546	16.0	16.8	
72 Diethyl phthalate	149	7.769	7.769	0.000	98	1423358	16.0	16.0	
73 Fluorene	166	7.869	7.868	0.001	95	1498828	16.0	16.4	
74 4-Chlorophenyl phenyl ether	204	7.872	7.872	0.000	89	691826	16.0	16.1	
75 4-Nitroaniline	138	7.885	7.878	0.007	90	355300	16.0	17.1	
76 4,6-Dinitro-2-methylphenol	198	7.913	7.910	0.003	88	461177	32.0	32.5	
77 N-Nitrosodiphenylamine	169	7.981	7.981	0.000	99	1016756	16.0	16.1	
131 Azobenzene	77	8.022	8.022	0.000	0	1453207	16.0	15.9	
78 1,2-Diphenylhydrazine	77	8.022	8.022	0.000	98	1450828	16.0	15.9	
$ 79 2,4,6-Tribromophenol	330	8.093	8.093	0.000	92	301847	16.0	18.7	
80 4-Bromophenyl phenyl ether	248	8.333	8.332	0.001	91	391473	16.0	16.1	
82 Hexachlorobenzene	284	8.387	8.387	0.000	96	474502	16.0	16.1	
83 Atrazine	200	8.489	8.489	0.000	93	111607	4.80	5.44	
84 Pentachlorophenol	266	8.569	8.569	0.000	95	619032	32.0	36.0	
85 Pentachloronitrobenzene	237	8.586	8.585	0.001	90	165401	16.0	16.8	
87 n-Octadecane	57	8.672	8.672	0.000	88	919976	16.0	16.6	

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	8.752	8.752	0.000	99	925062	8.00	8.00	
89 Phenanthrene	178	8.775	8.774	0.000	98	1931243	16.0	15.8	
90 Anthracene	178	8.823	8.822	0.001	98	1976257	16.0	16.1	
91 Carbazole	167	8.973	8.976	-0.003	96	1777745	16.0	16.3	
92 Di-n-butyl phthalate	149	9.321	9.321	0.000	99	2159738	16.0	17.2	
93 Fluoranthene	202	9.900	9.900	0.000	97	1905811	16.0	16.6	
94 Benzidine	184	10.031	10.031	0.000	100	1112514	16.0	19.2	
95 Pyrene	202	10.114	10.114	0.000	97	1984567	16.0	15.7	
96 Bisphenol-A	213	10.166	10.165	0.001	98	753974	16.0	18.2	
$ 97 Terphenyl-d14	244	10.275	10.274	0.001	97	1763581	16.0	17.1	
98 Butyl benzyl phthalate	149	10.790	10.789	0.001	97	826484	16.0	17.5	
100 Carbamazepine	193	10.889	10.888	0.001	92	684412	16.0	15.8	
101 3,3'-Dichlorobenzidine	252	11.362	11.365	-0.003	100	736239	16.0	19.4	
102 Benzo[a]anthracene	228	11.385	11.384	0.001	100	1725748	16.0	16.1	
* 103 Chrysene-d12	240	11.398	11.397	0.001	99	668371	8.00	8.00	
104 Chrysene	228	11.427	11.426	0.001	98	1617335	16.0	15.6	
105 Bis(2-ethylhexyl) phthalate	149	11.465	11.465	0.000	87	1188190	16.0	15.9	
106 Di-n-octyl phthalate	149	12.319	12.322	-0.003	96	1949534	16.0	16.3	
107 Benzo[b]fluoranthene	252	12.776	12.776	0.000	98	1690994	16.0	17.3	
108 Benzo[k]fluoranthene	252	12.815	12.814	0.001	99	1781513	16.0	17.1	
109 Benzo[a]pyrene	252	13.231	13.230	0.001	96	1575290	16.0	17.8	
* 110 Perylene-d12	264	13.308	13.307	0.001	99	725616	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.904	14.900	0.004	99	1800928	16.0	17.8	
112 Dibenz(a,h)anthracene	278	14.952	14.948	0.004	98	1829753	16.0	17.5	
113 Benzo[g,h,i]perylene	276	15.346	15.339	0.007	97	1681790	16.0	17.0	
S 115 Total Cresols	1				0			32.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:15 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85611.D

Injection Date: 12-Jun-2024 08:34:30 Instrument ID: CBNAMS18 Operator ID:

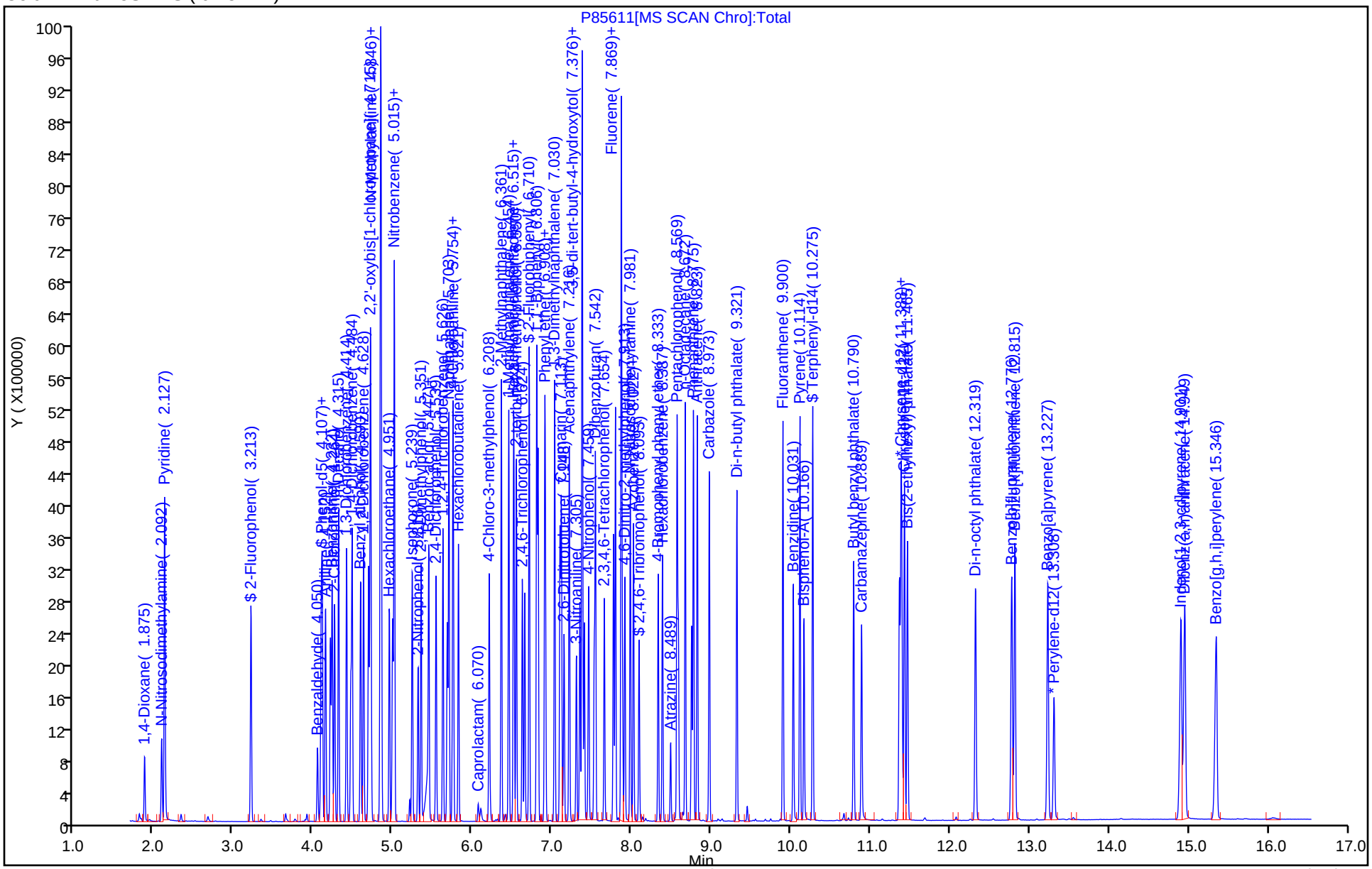
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

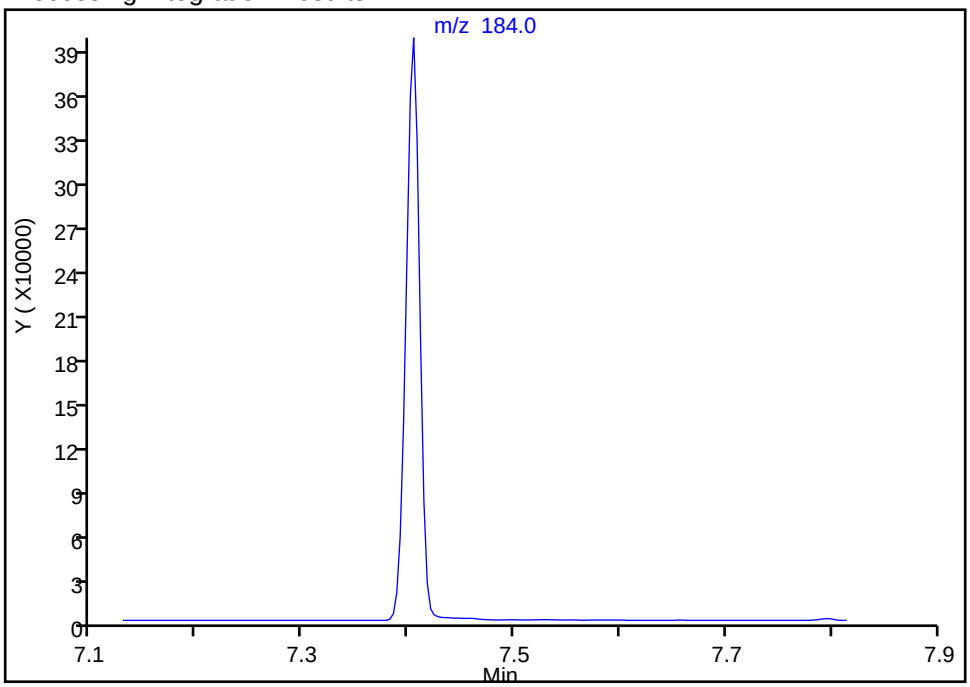
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85611.D				
Injection Date:	12-Jun-2024 08:34:30	Instrument ID:	CBNAMS18		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

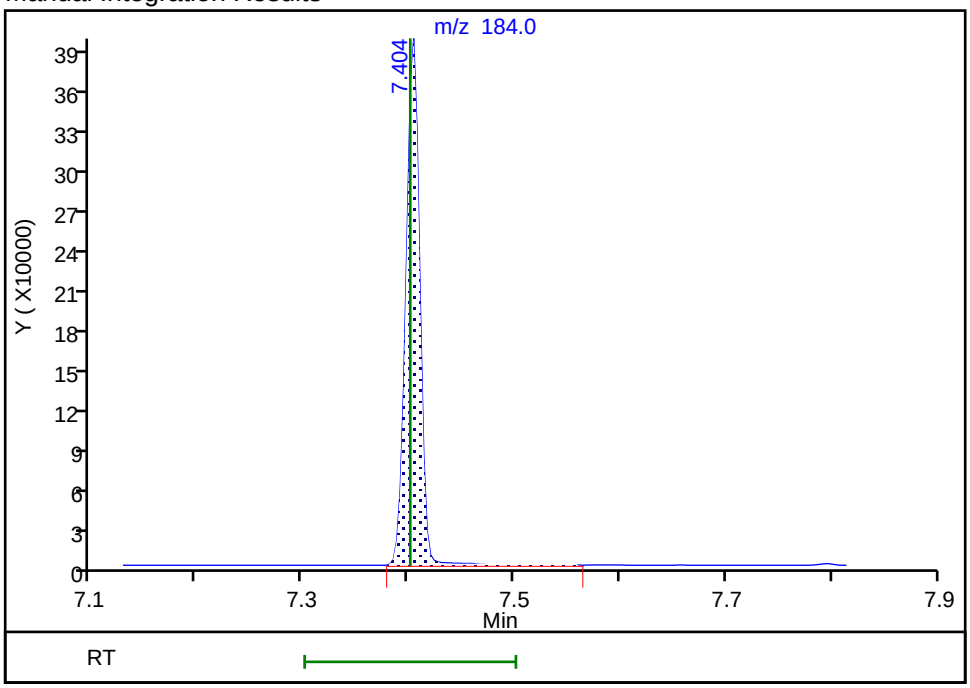
Not Detected
Expected RT: 7.40

Processing Integration Results



RT: 7.40
Area: 360958
Amount: 32.138265
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 12-Jun-2024 09:01:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85613.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Jun-2024 09:17:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-005
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:19 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 09:48:13

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	1.875	1.878	-0.003	93	78129	4.00	4.00	
2 N-Nitrosodimethylamine	74	2.089	2.092	-0.003	94	118574	4.00	4.05	
3 Pyridine	79	2.127	2.130	-0.003	96	366451	8.00	8.38	
$ 4 2-Fluorophenol	112	3.213	3.213	0.000	97	195880	4.00	4.06	
5 Benzaldehyde	77	4.049	4.050	-0.001	96	130150	3.20	3.26	
$ 6 Phenol-d5	99	4.091	4.094	-0.003	98	250768	4.00	4.22	
7 Phenol	94	4.104	4.107	-0.003	97	243211	4.00	4.03	
8 Aniline	93	4.148	4.149	-0.001	98	289251	4.00	4.08	
9 Bis(2-chloroethyl)ether	93	4.206	4.210	-0.004	99	194387	4.00	4.11	
10 Benzonitrile	103	4.225	4.229	-0.004	97	387921	NC	NC	
11 2-Chlorophenol	128	4.260	4.264	-0.004	98	199259	4.00	4.05	
12 n-Decane	43	4.314	4.315	-0.001	88	175466	4.00	3.96	
13 1,3-Dichlorobenzene	146	4.414	4.414	0.000	96	222880	4.00	4.01	
* 14 1,4-Dichlorobenzene-d4	152	4.468	4.469	-0.001	95	289272	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.484	4.485	-0.001	96	228819	4.00	4.06	
17 Benzyl alcohol	108	4.586	4.590	-0.004	95	128946	4.00	4.10	
18 1,2-Dichlorobenzene	146	4.628	4.628	0.000	97	215215	4.00	4.02	
20 2-Methylphenol	108	4.688	4.689	-0.001	90	176814	4.00	4.07	
21 2,2'-oxybis[1-chloropropane]	45	4.720	4.721	-0.001	95	230087	4.00	4.05	
22 N-Methylaniline	106	4.835	4.839	-0.004	84	305077	4.00	4.24	
26 4-Methylphenol	108	4.835	4.839	-0.004	85	206924	4.00	4.04	
25 3 & 4 Methylphenol	108	4.835	4.839	-0.004	96	206924	4.00	4.04	
24 N-Nitrosodi-n-propylamine	70	4.845	4.849	-0.004	87	140464	4.00	4.27	
23 Acetophenone	105	4.845	4.849	-0.004	92	290672	4.00	4.03	
27 Hexachloroethane	117	4.950	4.951	-0.001	95	80863	4.00	4.01	
$ 28 Nitrobenzene-d5	82	4.989	4.993	-0.004	85	206133	4.00	4.04	
29 Nitrobenzene	123	5.008	5.012	-0.004	98	100889	4.00	4.28	
30 n,n'-Dimethylaniline	120	5.011	5.015	-0.004	92	313802	4.00	4.12	
31 Isophorone	82	5.235	5.239	-0.004	99	363350	4.00	4.14	
32 2-Nitrophenol	139	5.311	5.313	-0.002	95	97007	4.00	4.09	
33 2,4-Dimethylphenol	122	5.350	5.351	-0.001	91	143863	4.00	3.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.398	5.428	-0.030	89	83546	4.00	3.77	
34 Bis(2-chloroethoxy)methane	93	5.446	5.447	-0.001	98	230821	4.00	3.98	
36 2,4-Dichlorophenol	162	5.538	5.540	-0.002	97	155774	4.00	4.05	
37 1,2,4-Trichlorobenzene	180	5.625	5.626	-0.001	95	170305	4.00	3.99	
* 38 Naphthalene-d8	136	5.679	5.680	-0.001	99	1127278	8.00	8.00	
39 Naphthalene	128	5.698	5.700	-0.002	99	611164	4.00	4.08	
40 4-Chloroaniline	127	5.746	5.751	-0.005	96	233465	4.00	4.25	
41 2,6-Dichlorophenol	162	5.756	5.757	-0.001	99	154953	4.00	4.05	
42 Hexachlorobutadiene	225	5.820	5.821	-0.001	96	95797	4.00	3.95	
44 Caprolactam	113	6.053	6.064	-0.011	94	36135	3.20	3.20	
45 4-Chloro-3-methylphenol	107	6.206	6.208	-0.002	96	151094	4.00	4.04	
46 2-Methylnaphthalene	142	6.359	6.361	-0.002	85	391213	4.00	4.01	
47 1-Methylnaphthalene	142	6.452	6.454	-0.002	93	361032	4.00	4.07	
48 Hexachlorocyclopentadiene	237	6.510	6.512	-0.002	97	105199	4.00	4.05	
49 1,2,4,5-Tetrachlorobenzene	216	6.516	6.518	-0.002	97	164250	4.00	4.03	
50 2-tertbutyl-4-methylphenol	149	6.548	6.550	-0.002	91	225751	4.00	4.08	
51 2,4,6-Trichlorophenol	196	6.622	6.624	-0.002	90	105393	4.00	4.31	
52 2,4,5-Trichlorophenol	196	6.654	6.656	-0.002	96	109139	4.00	4.02	
$ 53 2-Fluorobiphenyl	172	6.708	6.710	-0.002	98	436300	4.00	4.04	
54 1,1'-Biphenyl	154	6.804	6.806	-0.002	96	456825	4.00	4.00	
55 2-Chloronaphthalene	162	6.820	6.822	-0.002	98	353988	4.00	4.08	
56 Phenyl ether	170	6.906	6.905	0.001	88	247808	4.00	3.98	
57 2-Nitroaniline	65	6.909	6.915	-0.006	98	109540	4.00	4.10	
58 1,3-Dimethylnaphthalene	156	7.028	7.030	-0.002	92	280435	4.00	3.96	
59 Dimethyl phthalate	163	7.092	7.097	-0.005	99	359567	4.00	4.00	
60 Coumarin	146	7.108	7.113	-0.005	80	125683	4.00	4.05	
61 2,6-Dinitrotoluene	165	7.146	7.148	-0.002	97	79404	4.00	4.23	
62 Acenaphthylene	152	7.213	7.212	0.001	98	534398	4.00	4.07	
63 3-Nitroaniline	138	7.299	7.302	-0.003	97	88378	4.00	4.09	
* 64 Acenaphthene-d10	164	7.347	7.347	0.000	96	567108	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.373	7.372	0.001	97	266539	4.00	3.82	
65 Acenaphthene	154	7.376	7.379	-0.003	96	337431	4.00	4.06	
67 2,4-Dinitrophenol	184	7.399	7.401	-0.002	96	70632	8.00	7.27	a
68 4-Nitrophenol	65	7.450	7.456	-0.006	89	114402	8.00	8.18	
69 2,4-Dinitrotoluene	165	7.523	7.526	-0.003	96	98358	4.00	4.22	
70 Dibenzofuran	168	7.539	7.542	-0.003	96	485432	4.00	4.04	
71 2,3,4,6-Tetrachlorophenol	232	7.654	7.654	0.000	94	82737	4.00	4.04	
72 Diethyl phthalate	149	7.763	7.769	-0.006	98	344517	4.00	3.77	
73 Fluorene	166	7.865	7.868	-0.003	95	377551	4.00	4.01	
74 4-Chlorophenyl phenyl ether	204	7.869	7.872	-0.003	88	176377	4.00	3.99	
75 4-Nitroaniline	138	7.872	7.878	-0.006	93	86397	4.00	4.06	
76 4,6-Dinitro-2-methylphenol	198	7.907	7.910	-0.003	87	100514	8.00	7.75	
77 N-Nitrosodiphenylamine	169	7.977	7.981	-0.004	99	264499	4.00	4.12	
131 Azobenzene	77	8.019	8.022	-0.003	0	376198	4.00	4.04	
78 1,2-Diphenylhydrazine	77	8.019	8.022	-0.003	99	375302	4.00	4.03	
$ 79 2,4,6-Tribromophenol	330	8.089	8.093	-0.004	92	68782	4.00	4.15	
80 4-Bromophenyl phenyl ether	248	8.332	8.332	0.000	90	97298	4.00	3.93	
82 Hexachlorobenzene	284	8.383	8.387	-0.004	96	121671	4.00	4.07	
83 Atrazine	200	8.486	8.489	-0.003	93	68389	3.20	3.27	
84 Pentachlorophenol	266	8.566	8.569	-0.003	94	138313	8.00	7.90	
85 Pentachloronitrobenzene	237	8.582	8.585	-0.003	90	40544	4.00	4.05	
87 n-Octadecane	57	8.671	8.672	-0.001	89	227094	4.00	4.04	

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	8.751	8.752	-0.001	99	941767	8.00	8.00	
89 Phenanthrene	178	8.774	8.774	0.000	98	498353	4.00	4.02	
90 Anthracene	178	8.822	8.822	0.000	98	504199	4.00	4.04	
91 Carbazole	167	8.972	8.976	-0.004	96	446020	4.00	4.03	
92 Di-n-butyl phthalate	149	9.320	9.321	-0.001	99	504414	4.00	3.95	
93 Fluoranthene	202	9.898	9.900	-0.002	97	470317	4.00	4.02	
94 Benzidine	184	10.029	10.031	-0.002	99	234448	4.00	3.98	
95 Pyrene	202	10.113	10.114	-0.001	96	489378	4.00	4.11	
96 Bisphenol-A	213	10.164	10.165	-0.001	98	159109	4.00	4.08	
$ 97 Terphenyl-d14	244	10.272	10.274	-0.002	97	393547	4.00	4.03	
98 Butyl benzyl phthalate	149	10.787	10.789	-0.002	97	179774	4.00	4.02	
100 Carbamazepine	193	10.883	10.888	-0.005	93	120616	4.00	3.54	
101 3,3'-Dichlorobenzidine	252	11.359	11.365	-0.006	100	149785	4.00	4.18	
102 Benzo[a]anthracene	228	11.382	11.384	-0.002	100	409569	4.00	4.04	
* 103 Chrysene-d12	240	11.391	11.397	-0.006	99	631102	8.00	8.00	
104 Chrysene	228	11.423	11.426	-0.003	98	391376	4.00	4.00	
105 Bis(2-ethylhexyl) phthalate	149	11.465	11.465	0.000	87	253140	4.00	4.06	
106 Di-n-octyl phthalate	149	12.318	12.322	-0.004	96	383739	4.00	3.81	
107 Benzo[b]fluoranthene	252	12.769	12.776	-0.007	98	381612	4.00	4.12	
108 Benzo[k]fluoranthene	252	12.807	12.814	-0.007	99	412144	4.00	4.17	
109 Benzo[a]pyrene	252	13.223	13.230	-0.007	96	354315	4.00	4.22	
* 110 Perylene-d12	264	13.306	13.307	-0.001	99	688859	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.889	14.900	-0.011	98	398932	4.00	4.16	
112 Dibenz(a,h)anthracene	278	14.940	14.948	-0.008	98	399192	4.00	4.03	
113 Benzo[g,h,i]perylene	276	15.330	15.339	-0.009	97	389259	4.00	4.14	
S 115 Total Cresols	1				0			8.10	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL6_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:21 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85613.D

Injection Date: 12-Jun-2024 09:17:30 Instrument ID: CBNAMS18 Operator ID:

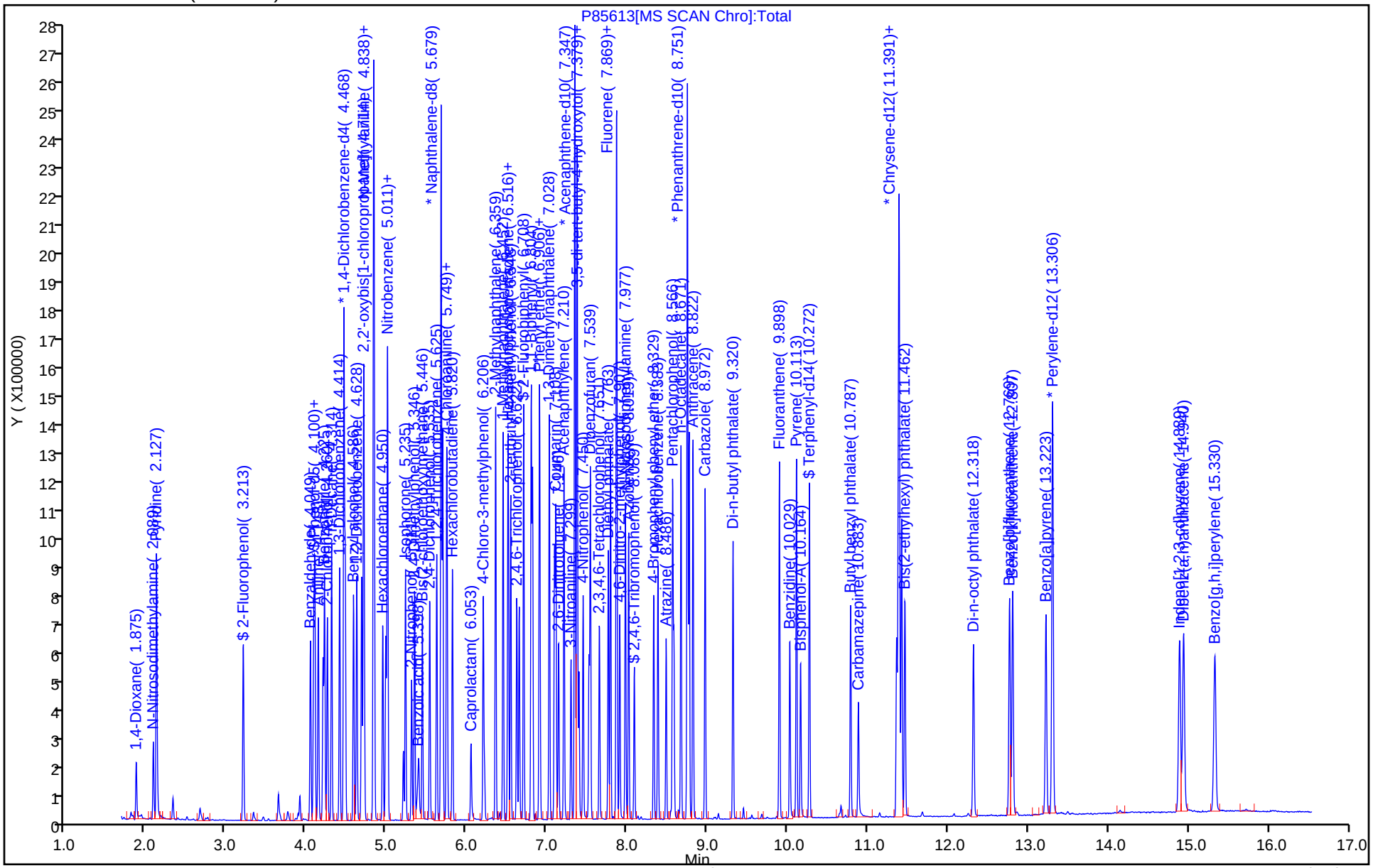
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

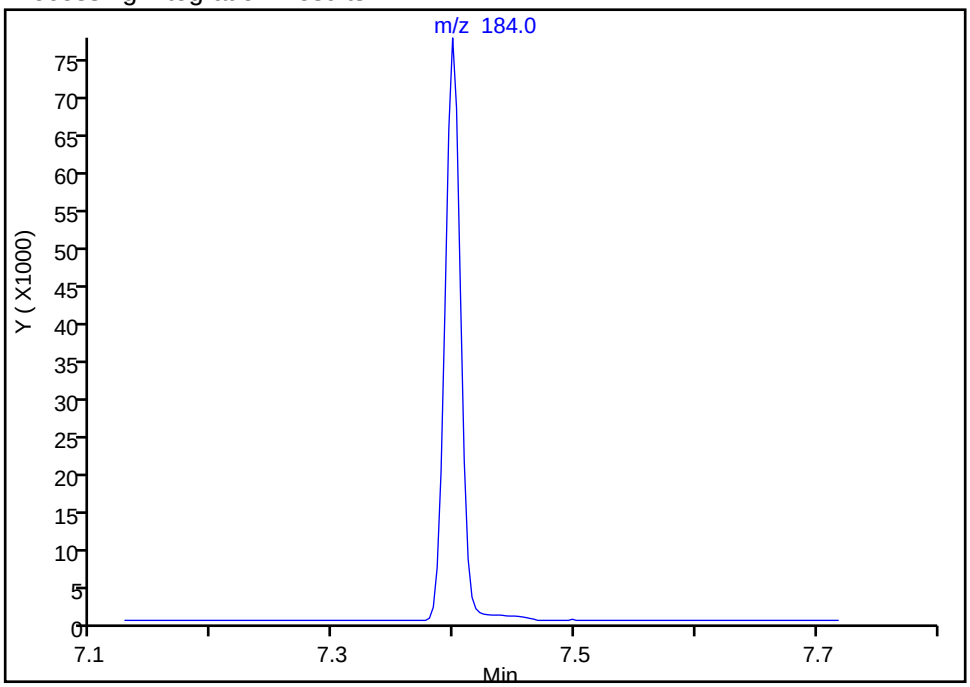
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85613.D				
Injection Date:	12-Jun-2024 09:17:30	Instrument ID:	CBNAMS18		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

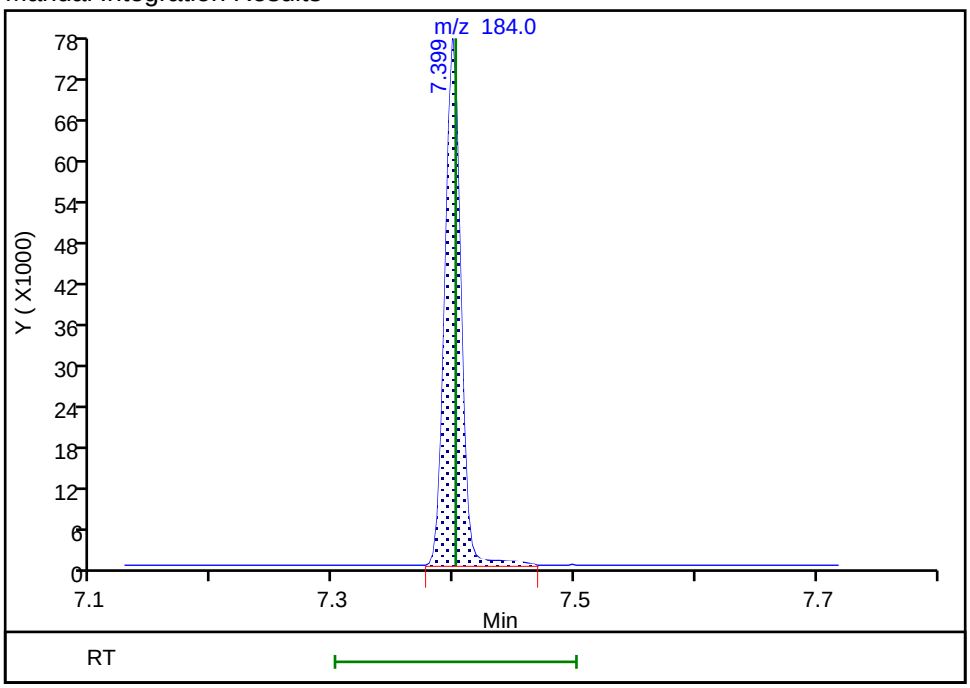
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 70632
Amount: 7.266294
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 09:47:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85615.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 12-Jun-2024 09:59:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-006
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:25 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 10:20:32

	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	1.875	1.878	-0.003	92	36820	2.00	1.99	
	2 N-Nitrosodimethylamine	74	2.089	2.092	-0.003	93	54544	2.00	1.97	
	3 Pyridine	79	2.130	2.130	0.000	95	167090	4.00	4.04	
$	4 2-Fluorophenol	112	3.213	3.213	0.000	97	89115	2.00	1.95	
	5 Benzaldehyde	77	4.049	4.050	-0.001	96	76639	2.00	2.03	
$	6 Phenol-d5	99	4.087	4.094	-0.007	98	115064	2.00	2.05	
	7 Phenol	94	4.100	4.107	-0.007	98	112293	2.00	1.97	
	8 Aniline	93	4.145	4.149	-0.004	98	132974	2.00	1.98	
	9 Bis(2-chloroethyl)ether	93	4.206	4.210	-0.004	99	90299	2.00	2.02	
	10 Benzonitrile	103	4.222	4.229	-0.007	97	184944	NC	NC	
	11 2-Chlorophenol	128	4.260	4.264	-0.004	97	91445	2.00	1.97	
	12 n-Decane	43	4.311	4.315	-0.004	89	81952	2.00	1.95	
	13 1,3-Dichlorobenzene	146	4.413	4.414	-0.001	96	104234	2.00	1.98	
*	14 1,4-Dichlorobenzene-d4	152	4.468	4.469	-0.001	95	273731	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.484	4.485	-0.001	96	105346	2.00	1.97	
	17 Benzyl alcohol	108	4.586	4.590	-0.004	95	58782	2.00	1.98	
	18 1,2-Dichlorobenzene	146	4.627	4.628	-0.001	96	101589	2.00	2.01	
	20 2-Methylphenol	108	4.688	4.689	-0.001	91	81006	2.00	1.97	
	21 2,2'-oxybis[1-chloropropane]	45	4.720	4.721	-0.001	94	106243	2.00	1.98	
	22 N-Methylaniline	106	4.835	4.839	-0.004	82	143004	2.00	2.10	
	26 4-Methylphenol	108	4.835	4.839	-0.004	85	97905	2.00	2.02	
	25 3 & 4 Methylphenol	108	4.835	4.839	-0.004	95	97905	2.00	2.02	
	24 N-Nitrosodi-n-propylamine	70	4.841	4.849	-0.008	89	65061	2.00	2.09	
	23 Acetophenone	105	4.845	4.849	-0.004	94	138884	2.00	2.04	
	27 Hexachloroethane	117	4.950	4.951	-0.001	95	37502	2.00	1.96	
$	28 Nitrobenzene-d5	82	4.988	4.993	-0.005	85	96897	2.00	1.97	
	29 Nitrobenzene	123	5.007	5.012	-0.005	95	45915	2.00	2.06	
	30 n,n'-Dimethylaniline	120	5.011	5.015	-0.004	92	148192	2.00	2.06	
	31 Isophorone	82	5.234	5.239	-0.005	99	169944	2.00	2.01	
	32 2-Nitrophenol	139	5.311	5.313	-0.002	94	41543	2.00	1.82	
	33 2,4-Dimethylphenol	122	5.346	5.351	-0.005	92	67318	2.00	1.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.384	5.428	-0.044	87	30924	2.00	1.89	
34 Bis(2-chloroethoxy)methane	93	5.445	5.447	-0.002	97	111758	2.00	2.00	
36 2,4-Dichlorophenol	162	5.535	5.540	-0.005	97	72043	2.00	1.95	
37 1,2,4-Trichlorobenzene	180	5.624	5.626	-0.002	94	81111	2.00	1.97	
* 38 Naphthalene-d8	136	5.678	5.680	-0.002	99	1085267	8.00	8.00	
39 Naphthalene	128	5.698	5.700	-0.002	99	287877	2.00	1.99	
40 4-Chloroaniline	127	5.745	5.751	-0.006	97	108578	2.00	2.05	
41 2,6-Dichlorophenol	162	5.752	5.757	-0.005	96	70636	2.00	1.92	
42 Hexachlorobutadiene	225	5.819	5.821	-0.002	96	44511	2.00	1.91	
44 Caprolactam	113	6.046	6.064	-0.018	94	20285	2.00	1.92	
45 4-Chloro-3-methylphenol	107	6.202	6.208	-0.006	96	71527	2.00	1.99	
46 2-Methylnaphthalene	142	6.359	6.361	-0.002	85	187685	2.00	2.00	
47 1-Methylnaphthalene	142	6.451	6.454	-0.003	92	170761	2.00	2.00	
48 Hexachlorocyclopentadiene	237	6.509	6.512	-0.003	96	47095	2.00	1.82	
49 1,2,4,5-Tetrachlorobenzene	216	6.515	6.518	-0.003	97	78803	2.00	1.95	
50 2-tertbutyl-4-methylphenol	149	6.547	6.550	-0.003	91	106214	2.00	1.99	
51 2,4,6-Trichlorophenol	196	6.624	6.624	0.000	89	47694	2.00	1.96	
52 2,4,5-Trichlorophenol	196	6.653	6.656	-0.003	96	50575	2.00	1.88	
$ 53 2-Fluorobiphenyl	172	6.707	6.710	-0.003	98	210621	2.00	1.96	
54 1,1'-Biphenyl	154	6.803	6.806	-0.003	95	221884	2.00	1.95	
55 2-Chloronaphthalene	162	6.819	6.822	-0.003	98	166247	2.00	1.93	
56 Phenyl ether	170	6.905	6.905	0.000	88	122010	2.00	1.97	
57 2-Nitroaniline	65	6.909	6.915	-0.006	97	49956	2.00	1.88	
58 1,3-Dimethylnaphthalene	156	7.027	7.030	-0.003	92	136839	2.00	1.95	
59 Dimethyl phthalate	163	7.091	7.097	-0.006	99	174771	2.00	1.96	
60 Coumarin	146	7.107	7.113	-0.006	79	58940	2.00	1.97	
61 2,6-Dinitrotoluene	165	7.145	7.148	-0.003	96	37332	2.00	2.00	
62 Acenaphthylene	152	7.212	7.212	0.000	98	253017	2.00	1.94	
63 3-Nitroaniline	138	7.298	7.302	-0.004	97	40096	2.00	1.87	
* 64 Acenaphthene-d10	164	7.346	7.347	-0.001	95	563460	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.372	7.372	0.000	97	126838	2.00	1.83	
65 Acenaphthene	154	7.375	7.379	-0.004	96	162813	2.00	1.97	
67 2,4-Dinitrophenol	184	7.398	7.401	-0.003	95	28980	4.00	3.83	a
68 4-Nitrophenol	65	7.449	7.456	-0.007	90	50809	4.00	3.66	
69 2,4-Dinitrotoluene	165	7.522	7.526	-0.004	96	46439	2.00	2.01	
70 Dibenzofuran	168	7.538	7.542	-0.004	96	231490	2.00	1.94	
71 2,3,4,6-Tetrachlorophenol	232	7.653	7.654	-0.001	93	38407	2.00	1.89	
72 Diethyl phthalate	149	7.762	7.769	-0.007	98	164449	2.00	1.81	
73 Fluorene	166	7.864	7.868	-0.004	97	186345	2.00	1.99	
74 4-Chlorophenyl phenyl ether	204	7.867	7.872	-0.005	88	85277	2.00	1.94	
75 4-Nitroaniline	138	7.871	7.878	-0.007	95	37824	2.00	1.79	
76 4,6-Dinitro-2-methylphenol	198	7.906	7.910	-0.004	86	41134	4.00	3.75	
77 N-Nitrosodiphenylamine	169	7.976	7.981	-0.005	99	124642	2.00	1.94	
131 Azobenzene	77	8.018	8.022	-0.004	0	183146	2.00	1.96	
78 1,2-Diphenylhydrazine	77	8.018	8.022	-0.004	99	183146	2.00	1.96	
$ 79 2,4,6-Tribromophenol	330	8.088	8.093	-0.005	93	31553	2.00	1.92	
80 4-Bromophenyl phenyl ether	248	8.331	8.332	-0.001	91	48996	2.00	1.97	
82 Hexachlorobenzene	284	8.382	8.387	-0.005	96	59858	2.00	2.00	
83 Atrazine	200	8.484	8.489	-0.005	93	40491	2.00	1.93	
84 Pentachlorophenol	266	8.567	8.569	-0.002	95	62231	4.00	3.55	
85 Pentachloronitrobenzene	237	8.583	8.585	-0.002	89	18603	2.00	1.86	
87 n-Octadecane	57	8.670	8.672	-0.002	89	104326	2.00	1.85	

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	8.750	8.752	-0.002	99	943930	8.00	8.00	
89 Phenanthrene	178	8.772	8.774	-0.002	98	246176	2.00	1.98	
90 Anthracene	178	8.820	8.822	-0.002	98	239920	2.00	1.92	
91 Carbazole	167	8.970	8.976	-0.006	96	212677	2.00	1.92	
92 Di-n-butyl phthalate	149	9.318	9.321	-0.003	99	231131	2.00	1.81	
93 Fluoranthene	202	9.896	9.900	-0.004	97	221887	2.00	1.89	
94 Benzidine	184	10.027	10.031	-0.004	100	107760	2.00	1.82	
95 Pyrene	202	10.111	10.114	-0.003	97	237425	2.00	2.02	
96 Bisphenol-A	213	10.162	10.165	-0.003	98	65736	2.00	1.70	
$ 97 Terphenyl-d14	244	10.274	10.274	0.000	97	190831	2.00	1.98	
98 Butyl benzyl phthalate	149	10.785	10.789	-0.004	97	75823	2.00	1.72	
100 Carbamazepine	193	10.881	10.888	-0.007	92	48179	2.00	1.87	
101 3,3'-Dichlorobenzidine	252	11.360	11.365	-0.005	100	68200	2.00	1.92	
102 Benzo[a]anthracene	228	11.382	11.384	-0.002	100	195715	2.00	1.95	
* 103 Chrysene-d12	240	11.392	11.397	-0.005	99	623716	8.00	8.00	
104 Chrysene	228	11.424	11.426	-0.002	98	191195	2.00	1.98	
105 Bis(2-ethylhexyl) phthalate	149	11.466	11.465	0.001	87	107273	2.00	1.84	
106 Di-n-octyl phthalate	149	12.319	12.322	-0.003	96	151821	2.00	1.82	
107 Benzo[b]fluoranthene	252	12.769	12.776	-0.007	98	183013	2.00	1.97	
108 Benzo[k]fluoranthene	252	12.808	12.814	-0.006	99	198901	2.00	2.01	
109 Benzo[a]pyrene	252	13.223	13.230	-0.007	97	165200	2.00	1.96	
* 110 Perylene-d12	264	13.307	13.307	-0.001	98	690167	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.889	14.900	-0.011	99	195869	2.00	2.04	
112 Dibenz(a,h)anthracene	278	14.937	14.948	-0.011	97	197451	2.00	1.99	
113 Benzo[g,h,i]perylene	276	15.327	15.339	-0.012	97	190652	2.00	2.02	
S 115 Total Cresols	1				0			3.99	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:29 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85615.D

Injection Date: 12-Jun-2024 09:59:30 Instrument ID: CBNAMS18 Operator ID:

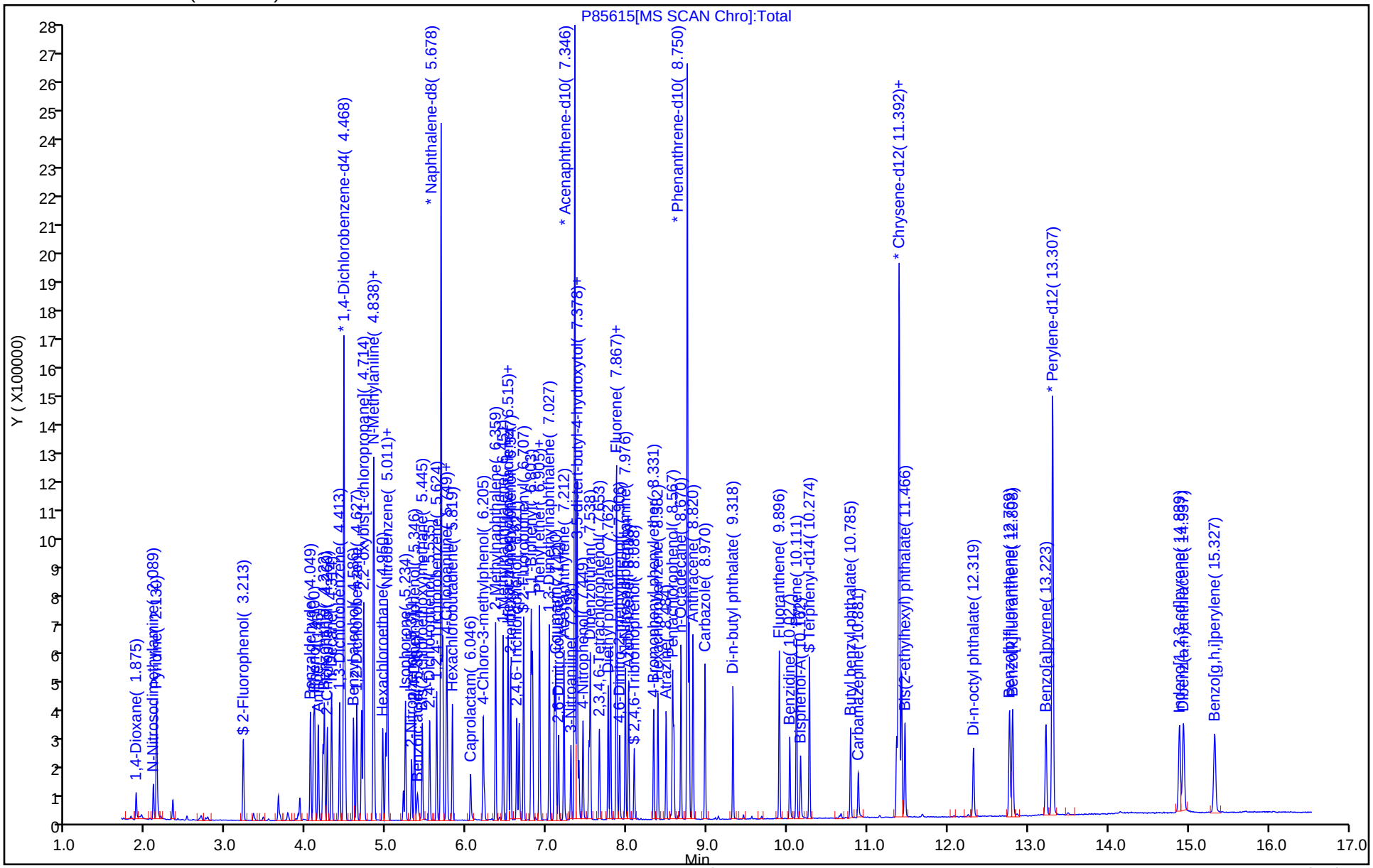
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

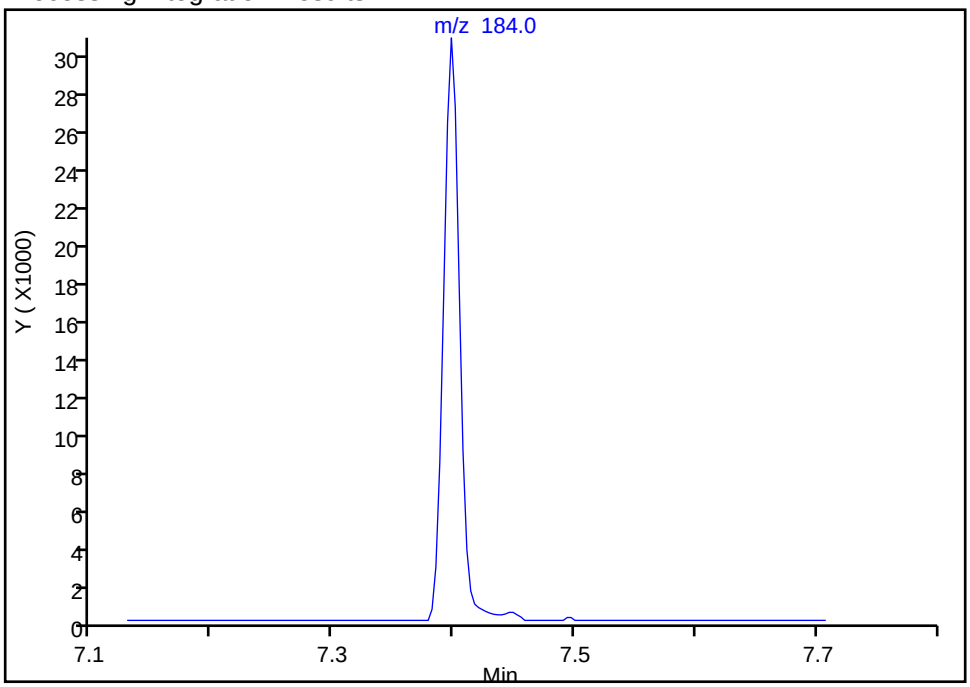
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85615.D				
Injection Date:	12-Jun-2024 09:59:30	Instrument ID:	CBNAMS18		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

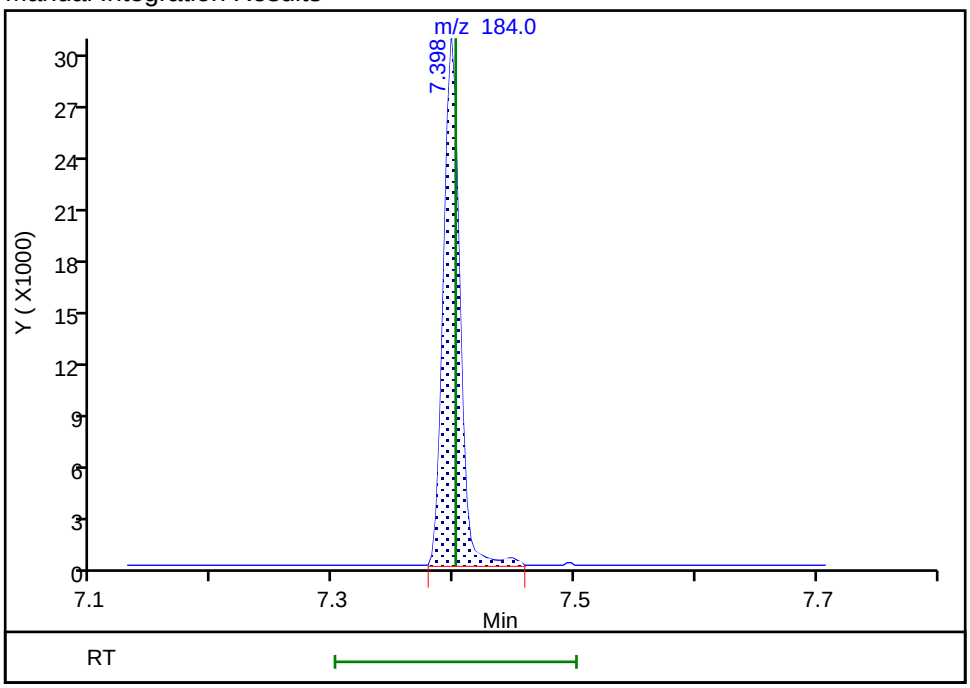
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 28980
Amount: 3.831529
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 10:19:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85617.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Jun-2024 10:41:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-007
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:32 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 11:14:48

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	1.878	1.878	0.000	96	17441	1.00	0.9374	
2 N-Nitrosodimethylamine	74	2.092	2.092	0.000	92	26076	1.00	0.9359	
3 Pyridine	79	2.133	2.130	0.003	95	82517	2.00	1.98	
$ 4 2-Fluorophenol	112	3.212	3.213	-0.001	97	42271	1.00	0.9209	
5 Benzaldehyde	77	4.049	4.050	-0.001	97	38494	1.00	1.01	
$ 6 Phenol-d5	99	4.087	4.094	-0.007	98	55713	1.00	0.9844	
7 Phenol	94	4.100	4.107	-0.007	98	54396	1.00	0.9479	
8 Aniline	93	4.145	4.149	-0.004	99	64288	1.00	0.9534	
9 Bis(2-chloroethyl)ether	93	4.205	4.210	-0.005	99	43294	1.00	0.9614	
10 Benzonitrile	103	4.221	4.229	-0.008	97	90079	NC	NC	
11 2-Chlorophenol	128	4.260	4.264	-0.004	97	44412	1.00	0.9495	
12 n-Decane	43	4.314	4.315	-0.001	88	41579	1.00	0.9859	
13 1,3-Dichlorobenzene	146	4.413	4.414	-0.001	97	52082	1.00	0.9837	
* 14 1,4-Dichlorobenzene-d4	152	4.467	4.469	-0.002	96	275354	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.483	4.485	-0.002	96	52558	1.00	0.9788	
17 Benzyl alcohol	108	4.586	4.590	-0.004	96	27129	1.00	0.9068	
18 1,2-Dichlorobenzene	146	4.627	4.628	-0.001	97	49400	1.00	0.9704	
20 2-Methylphenol	108	4.688	4.689	-0.001	89	38490	1.00	0.9299	
21 2,2'-oxybis[1-chloropropane]	45	4.720	4.721	-0.001	93	52669	1.00	0.9744	
22 N-Methylaniline	106	4.835	4.839	-0.004	76	68249	1.00	1.00	
26 4-Methylphenol	108	4.835	4.839	-0.004	82	44050	1.00	0.9027	
25 3 & 4 Methylphenol	108	4.835	4.839	-0.004	95	44050	1.00	0.9027	
24 N-Nitrosodi-n-propylamine	70	4.841	4.849	-0.008	86	31589	1.00	1.01	
23 Acetophenone	105	4.844	4.849	-0.005	92	66637	1.00	0.9717	
27 Hexachloroethane	117	4.950	4.951	-0.001	95	18918	1.00	0.9851	
$ 28 Nitrobenzene-d5	82	4.988	4.993	-0.005	86	46114	1.00	0.9461	
29 Nitrobenzene	123	5.007	5.012	-0.005	95	22047	1.00	0.9833	
30 n,n'-Dimethylaniline	120	5.010	5.015	-0.005	93	72678	1.00	1.00	
31 Isophorone	82	5.234	5.239	-0.005	99	80815	1.00	0.9635	
32 2-Nitrophenol	139	5.311	5.313	-0.002	94	19388	1.00	0.8548	
33 2,4-Dimethylphenol	122	5.349	5.351	-0.002	93	33637	1.00	0.9668	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.378	5.428	-0.050	83	12237	1.00	1.19	
34 Bis(2-chloroethoxy)methane	93	5.445	5.447	-0.002	97	52385	1.00	0.9452	
36 2,4-Dichlorophenol	162	5.537	5.540	-0.003	96	32818	1.00	0.8929	
37 1,2,4-Trichlorobenzene	180	5.624	5.626	-0.002	95	39930	1.00	0.9784	
* 38 Naphthalene-d8	136	5.678	5.680	-0.002	99	1077929	8.00	8.00	
39 Naphthalene	128	5.697	5.700	-0.003	99	144422	1.00	1.01	
40 4-Chloroaniline	127	5.745	5.751	-0.006	97	52647	1.00	1.00	
41 2,6-Dichlorophenol	162	5.755	5.757	-0.002	98	34342	1.00	0.9392	
42 Hexachlorobutadiene	225	5.822	5.821	0.001	94	22202	1.00	0.9571	
44 Caprolactam	113	6.045	6.064	-0.019	94	8854	1.00	0.9138	
45 4-Chloro-3-methylphenol	107	6.205	6.208	-0.003	96	31782	1.00	0.8883	
46 2-Methylnaphthalene	142	6.358	6.361	-0.003	86	91870	1.00	0.9851	
47 1-Methylnaphthalene	142	6.451	6.454	-0.003	93	83479	1.00	0.9839	
48 Hexachlorocyclopentadiene	237	6.508	6.512	-0.004	97	23404	1.00	0.9175	
49 1,2,4,5-Tetrachlorobenzene	216	6.518	6.518	0.000	96	37623	1.00	0.9413	
50 2-tertbutyl-4-methylphenol	149	6.547	6.550	-0.003	91	50066	1.00	0.9457	
51 2,4,6-Trichlorophenol	196	6.623	6.624	-0.001	89	21355	1.00	0.8904	
52 2,4,5-Trichlorophenol	196	6.652	6.656	-0.004	96	23765	1.00	0.8924	
$ 53 2-Fluorobiphenyl	172	6.706	6.710	-0.004	98	103830	1.00	0.9801	
54 1,1'-Biphenyl	154	6.802	6.806	-0.004	95	105917	1.00	0.9446	
55 2-Chloronaphthalene	162	6.818	6.822	-0.004	98	82986	1.00	0.9749	
56 Phenyl ether	170	6.905	6.905	0.000	87	57683	1.00	0.9450	
57 2-Nitroaniline	65	6.908	6.915	-0.007	97	22466	1.00	0.8567	
58 1,3-Dimethylnaphthalene	156	7.029	7.030	-0.001	91	67264	1.00	0.9690	
59 Dimethyl phthalate	163	7.090	7.097	-0.007	99	85605	1.00	0.9701	
60 Coumarin	146	7.106	7.113	-0.007	80	28484	1.00	0.9609	
61 2,6-Dinitrotoluene	165	7.144	7.148	-0.004	96	17062	1.00	0.9267	
62 Acenaphthylene	152	7.211	7.212	-0.001	97	119883	1.00	0.9302	
63 3-Nitroaniline	138	7.297	7.302	-0.005	95	17708	1.00	0.8362	
* 64 Acenaphthene-d10	164	7.345	7.347	-0.002	95	556424	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.371	7.372	-0.001	97	63472	1.00	0.9275	
65 Acenaphthene	154	7.374	7.379	-0.005	96	76426	1.00	0.9377	
67 2,4-Dinitrophenol	184	7.397	7.401	-0.004	93	11221	2.00	2.36	a
68 4-Nitrophenol	65	7.448	7.456	-0.008	91	21859	2.00	1.59	
69 2,4-Dinitrotoluene	165	7.521	7.526	-0.005	95	20647	1.00	0.9028	
70 Dibenzofuran	168	7.540	7.542	-0.002	97	115769	1.00	0.9813	
71 2,3,4,6-Tetrachlorophenol	232	7.652	7.654	-0.002	94	17477	1.00	0.8688	
72 Diethyl phthalate	149	7.761	7.769	-0.008	99	107930	1.00	1.20	
73 Fluorene	166	7.863	7.868	-0.005	95	87176	1.00	0.9437	
74 4-Chlorophenyl phenyl ether	204	7.869	7.872	-0.003	88	42452	1.00	0.9777	
75 4-Nitroaniline	138	7.869	7.878	-0.009	91	17741	1.00	0.8494	
76 4,6-Dinitro-2-methylphenol	198	7.905	7.910	-0.005	85	16148	2.00	2.08	
77 N-Nitrosodiphenylamine	169	7.975	7.981	-0.006	99	59378	1.00	0.9221	
131 Azobenzene	77	8.017	8.022	-0.005	0	87277	1.00	0.9325	
78 1,2-Diphenylhydrazine	77	8.017	8.022	-0.005	98	87277	1.00	0.9332	
$ 79 2,4,6-Tribromophenol	330	8.087	8.093	-0.006	92	14570	1.00	0.8962	
80 4-Bromophenyl phenyl ether	248	8.330	8.332	-0.002	91	23500	1.00	0.9453	
82 Hexachlorobenzene	284	8.384	8.387	-0.003	96	29180	1.00	0.9711	
83 Atrazine	200	8.486	8.489	-0.003	92	19721	1.00	0.9404	
84 Pentachlorophenol	266	8.566	8.569	-0.003	94	25637	2.00	1.46	
85 Pentachloronitrobenzene	237	8.582	8.585	-0.003	88	8752	1.00	0.8714	
87 n-Octadecane	57	8.671	8.672	-0.001	89	47673	1.00	0.8440	

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	8.751	8.752	-0.001	99	945678	8.00	8.00	
89 Phenanthrene	178	8.771	8.774	-0.003	97	121031	1.00	0.9712	
90 Anthracene	178	8.819	8.822	-0.004	99	117744	1.00	0.9390	
91 Carbazole	167	8.972	8.976	-0.004	96	102096	1.00	0.9177	
92 Di-n-butyl phthalate	149	9.320	9.321	-0.001	99	104514	1.00	0.8151	
93 Fluoranthene	202	9.898	9.900	-0.002	97	109324	1.00	0.9312	
94 Benzidine	184	10.026	10.031	-0.005	100	45132	1.00	0.7620	
95 Pyrene	202	10.112	10.114	-0.002	96	114438	1.00	0.9885	
96 Bisphenol-A	213	10.163	10.165	-0.002	98	25986	1.00	0.6847	
$ 97 Terphenyl-d14	244	10.272	10.274	-0.002	97	88444	1.00	0.9320	
98 Butyl benzyl phthalate	149	10.786	10.789	-0.003	97	33266	1.00	0.7660	
100 Carbamazepine	193	10.879	10.888	-0.009	93	19858	1.00	1.21	
101 3,3'-Dichlorobenzidine	252	11.358	11.365	-0.007	99	29452	1.00	0.8445	
102 Benzo[a]anthracene	228	11.380	11.384	-0.004	100	95698	1.00	0.9709	
* 103 Chrysene-d12	240	11.390	11.397	-0.007	99	613574	8.00	8.00	
104 Chrysene	228	11.422	11.426	-0.004	98	92310	1.00	0.9704	
105 Bis(2-ethylhexyl) phthalate	149	11.464	11.465	-0.001	87	46021	1.00	0.8757	
106 Di-n-octyl phthalate	149	12.320	12.322	-0.002	97	60828	1.00	1.05	
107 Benzo[b]fluoranthene	252	12.767	12.776	-0.009	98	87534	1.00	0.9530	
108 Benzo[k]fluoranthene	252	12.805	12.814	-0.009	98	94241	1.00	0.9616	
109 Benzo[a]pyrene	252	13.221	13.230	-0.009	96	76128	1.00	0.9142	
* 110 Perylene-d12	264	13.304	13.307	-0.003	98	682643	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.886	14.900	-0.014	99	91455	1.00	0.9613	
112 Dibenz(a,h)anthracene	278	14.934	14.948	-0.014	98	94832	1.00	0.9655	
113 Benzo[g,h,i]perylene	276	15.324	15.339	-0.015	97	90214	1.00	0.9678	
S 115 Total Cresols	1				0			1.83	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:34 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85617.D

Injection Date: 12-Jun-2024 10:41:30 Instrument ID: CBNAMS18 Operator ID:

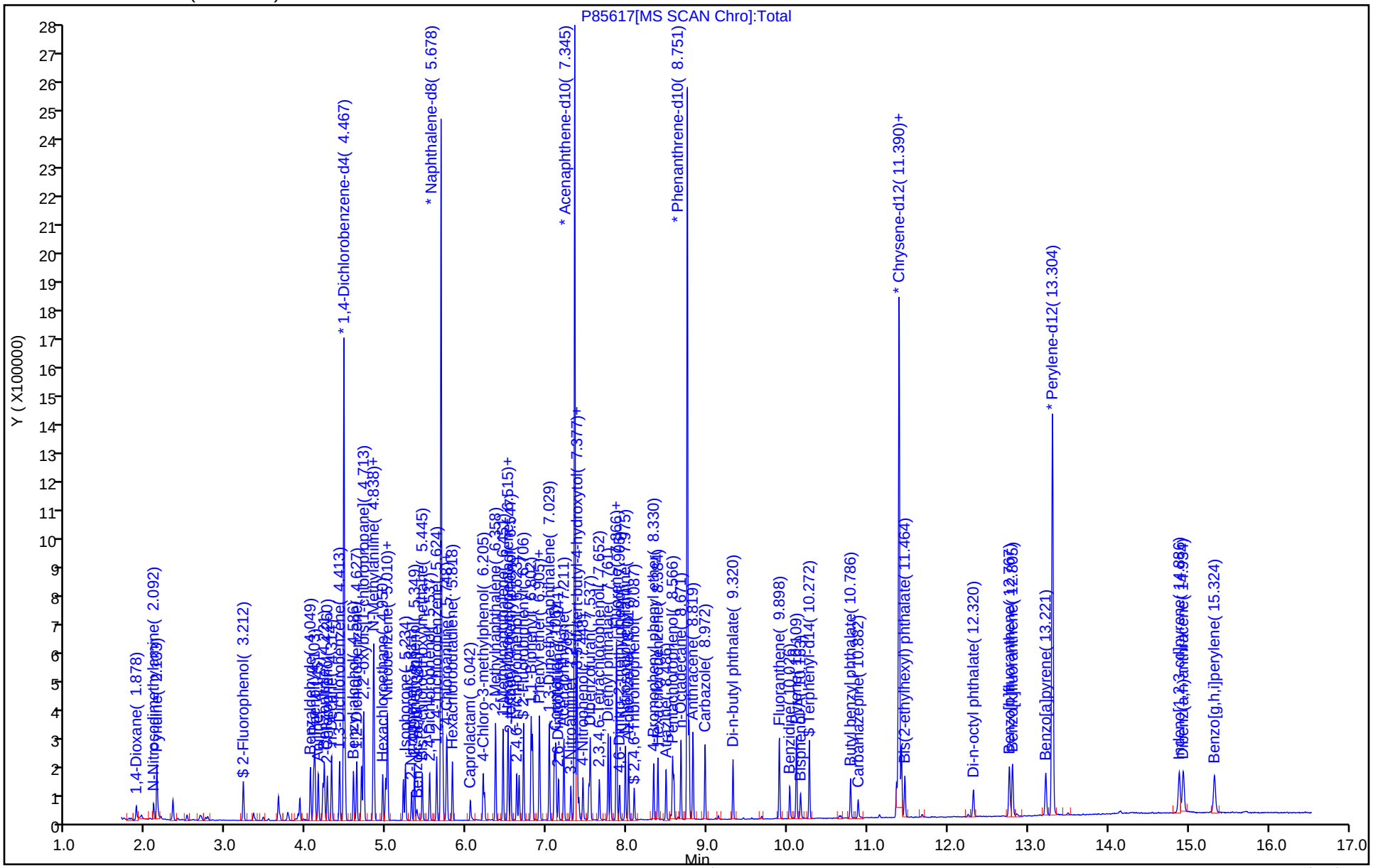
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

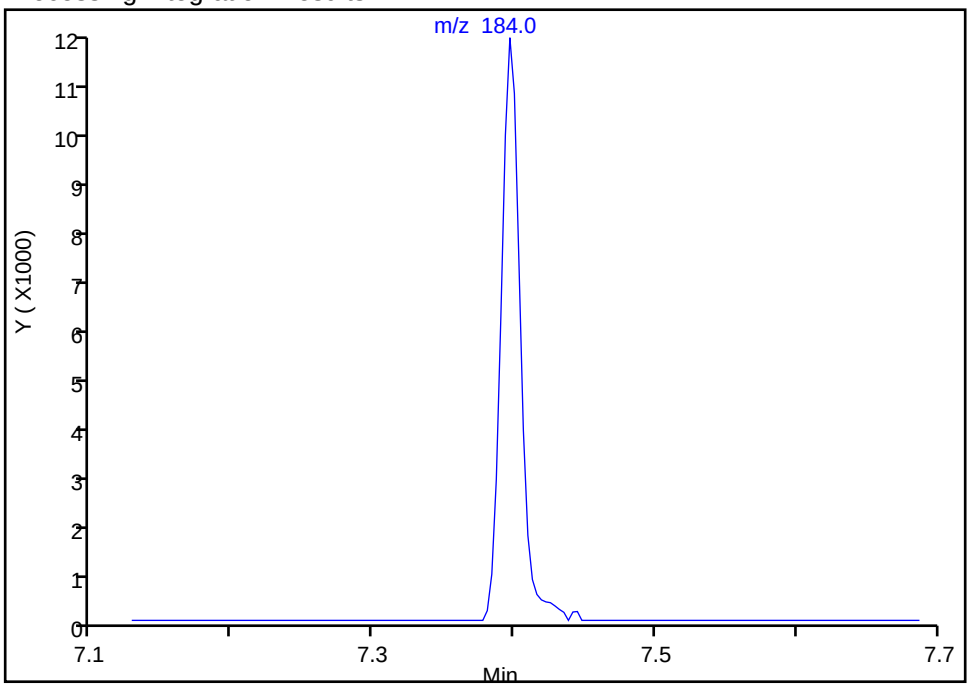
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85617.D				
Injection Date:	12-Jun-2024 10:41:30	Instrument ID:	CBNAMS18		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

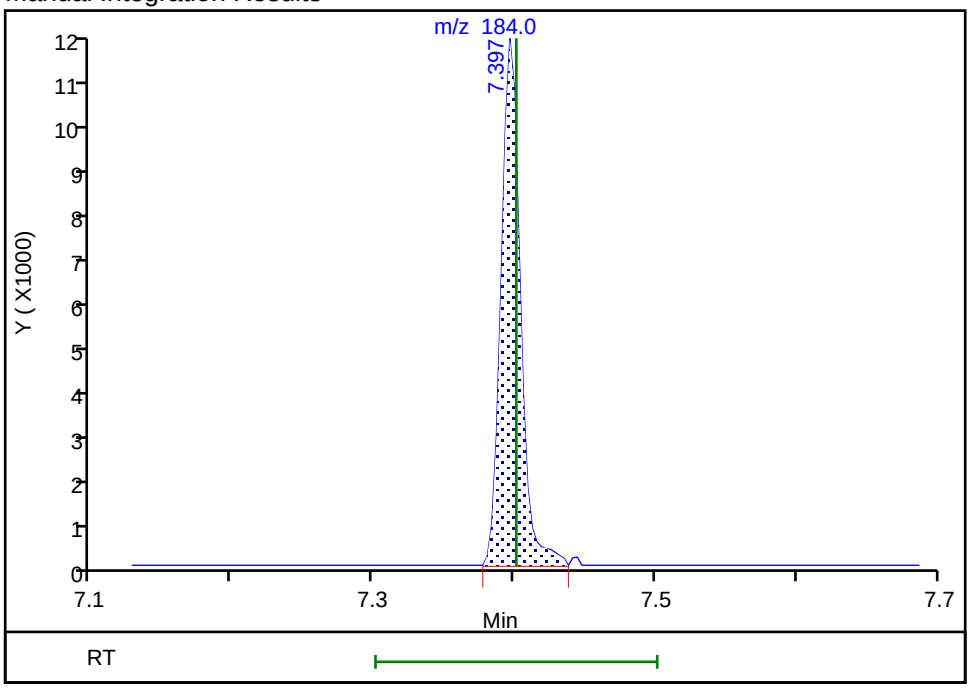
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 11221
Amount: 2.362740
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 11:13:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85619.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Jun-2024 11:24:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-008
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:38 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 11:46:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.049	4.050	-0.001	96	15230	0.4000	0.4028	
* 14 1,4-Dichlorobenzene-d4	152	4.467	4.469	-0.002	96	274235	8.00	8.00	
* 38 Naphthalene-d8	136	5.677	5.680	-0.003	99	1078403	8.00	8.00	
44 Caprolactam	113	6.041	6.064	-0.023	92	2944	0.4000	0.3889	
* 64 Acenaphthene-d10	164	7.345	7.347	-0.002	95	566354	8.00	8.00	
83 Atrazine	200	8.485	8.489	-0.004	92	6959	0.4000	0.3248	
* 88 Phenanthrene-d10	188	8.750	8.752	-0.002	99	966107	8.00	8.00	
* 103 Chrysene-d12	240	11.391	11.397	-0.006	99	619948	8.00	8.00	
* 110 Perylene-d12	264	13.305	13.307	-0.002	99	678412	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:39 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85619.D

Injection Date: 12-Jun-2024 11:24:30 Instrument ID: CBNAMS18 Operator ID:

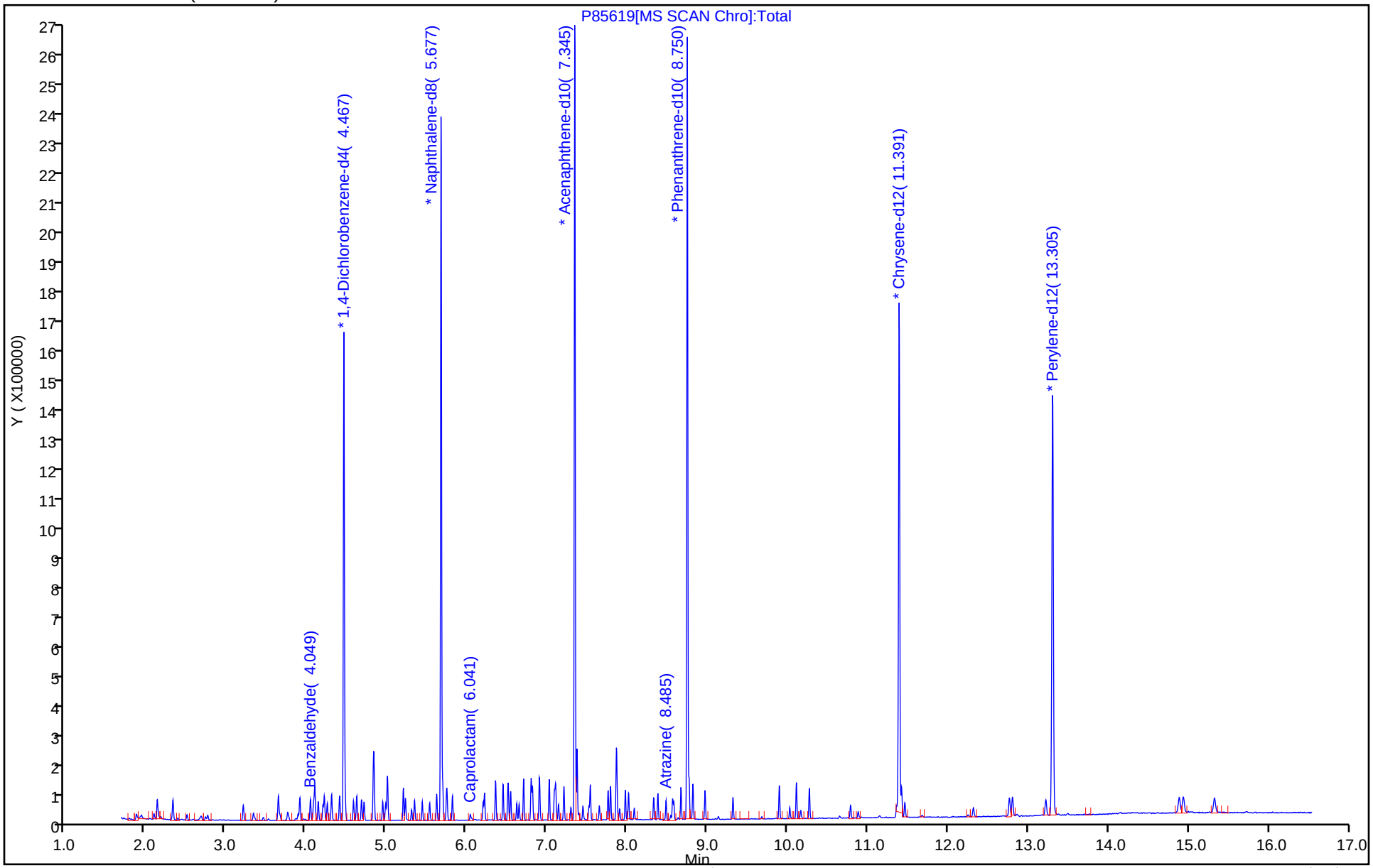
Lims ID: STD04 Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85621.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Jun-2024 12:06:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-009
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:40 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 12:50:25

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	1.878	1.878	0.000	93	3872	0.2000	0.2012	
3 Pyridine	79	2.143	2.130	0.013	96	16462	0.4000	0.3825	
$ 4 2-Fluorophenol	112	3.212	3.213	-0.001	96	7869	0.2000	0.1658	
5 Benzaldehyde	77	4.049	4.050	-0.001	96	7639	0.2000	0.1946	
$ 6 Phenol-d5	99	4.087	4.094	-0.007	98	9820	0.2000	0.1678	
9 Bis(2-chloroethyl)ether	93	4.205	4.210	-0.005	97	9183	0.2000	0.1972	
* 14 1,4-Dichlorobenzene-d4	152	4.467	4.469	-0.002	98	284778	8.00	8.00	
22 N-Methylaniline	106	4.834	4.839	-0.005	79	13004	0.2000	0.1837	
24 N-Nitrosodi-n-propylamine	70	4.841	4.849	-0.008	67	6048	0.2000	0.1866	
27 Hexachloroethane	117	4.949	4.951	-0.002	91	3860	0.2000	0.1943	
$ 28 Nitrobenzene-d5	82	4.988	4.993	-0.005	82	9897	0.2000	0.1937	
29 Nitrobenzene	123	5.007	5.012	-0.005	93	3865	0.2000	0.1667	
30 n,n'-Dimethylaniline	120	5.010	5.015	-0.005	92	14452	0.2000	0.1929	
31 Isophorone	82	5.233	5.239	-0.006	99	15696	0.2000	0.1785	
37 1,2,4-Trichlorobenzene	180	5.623	5.626	-0.003	95	8401	0.2000	0.1964	
* 38 Naphthalene-d8	136	5.677	5.680	-0.003	99	1129823	8.00	8.00	
39 Naphthalene	128	5.696	5.700	-0.004	97	29748	0.2000	0.1980	
40 4-Chloroaniline	127	5.748	5.751	-0.003	96	9862	0.2000	0.1789	
42 Hexachlorobutadiene	225	5.821	5.821	0.000	93	4720	0.2000	0.1941	
44 Caprolactam	113	6.048	6.064	-0.016	86	928	0.2000	0.2062	
46 2-Methylnaphthalene	142	6.357	6.361	-0.004	84	19132	0.2000	0.1957	
47 1-Methylnaphthalene	142	6.450	6.454	-0.004	91	17258	0.2000	0.1941	
50 2-tertbutyl-4-methylphenol	149	6.546	6.550	-0.004	91	9521	0.2000	0.1716	
51 2,4,6-Trichlorophenol	196	6.622	6.624	-0.002	88	3852	0.2000	0.1481	
$ 53 2-Fluorobiphenyl	172	6.709	6.710	-0.001	97	21840	0.2000	0.1901	
61 2,6-Dinitrotoluene	165	7.143	7.148	-0.005	94	3137	0.2000	0.1571	
* 64 Acenaphthene-d10	164	7.344	7.347	-0.003	95	603489	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.523	7.526	-0.003	91	3466	0.2000	0.1397	a
73 Fluorene	166	7.865	7.868	-0.003	96	19195	0.2000	0.1916	
$ 79 2,4,6-Tribromophenol	330	8.088	8.093	-0.005	87	2388	0.2000	0.1354	
82 Hexachlorobenzene	284	8.382	8.387	-0.005	93	6334	0.2000	0.1897	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
83 Atrazine	200	8.484	8.489	-0.005	91	3948	0.2000	0.1694	
* 88 Phenanthrene-d10	188	8.749	8.752	-0.003	99	1050939	8.00	8.00	
93 Fluoranthene	202	9.896	9.900	-0.004	97	24280	0.2000	0.1861	
95 Pyrene	202	10.110	10.114	-0.004	96	24226	0.2000	0.1870	
$ 97 Terphenyl-d14	244	10.272	10.274	-0.002	97	21411	0.2000	0.2016	
101 3,3'-Dichlorobenzidine	252	11.358	11.365	-0.007	97	5144	0.2000	0.1318	
102 Benzo[a]anthracene	228	11.381	11.384	-0.003	99	22165	0.2000	0.2009	
* 103 Chrysene-d12	240	11.390	11.397	-0.007	99	686633	8.00	8.00	
104 Chrysene	228	11.422	11.426	-0.004	99	22087	0.2000	0.2075	
105 Bis(2-ethylhexyl) phthalate	149	11.464	11.465	-0.001	88	7852	0.2000	0.2326	
107 Benzo[b]fluoranthene	252	12.767	12.776	-0.009	98	17740	0.2000	0.1839	
108 Benzo[k]fluoranthene	252	12.805	12.814	-0.009	98	18999	0.2000	0.1845	
109 Benzo[a]pyrene	252	13.221	13.230	-0.009	96	14825	0.2000	0.1695	
* 110 Perylene-d12	264	13.307	13.307	0.000	98	717093	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.886	14.900	-0.014	97	16997	0.2000	0.1701	
112 Dibenz(a,h)anthracene	278	14.937	14.948	-0.011	98	18775	0.2000	0.1820	
113 Benzo[g,h,i]perylene	276	15.324	15.339	-0.015	97	18311	0.2000	0.1870	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:42 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85621.D

Injection Date: 12-Jun-2024 12:06:30 Instrument ID: CBNAMS18 Operator ID:

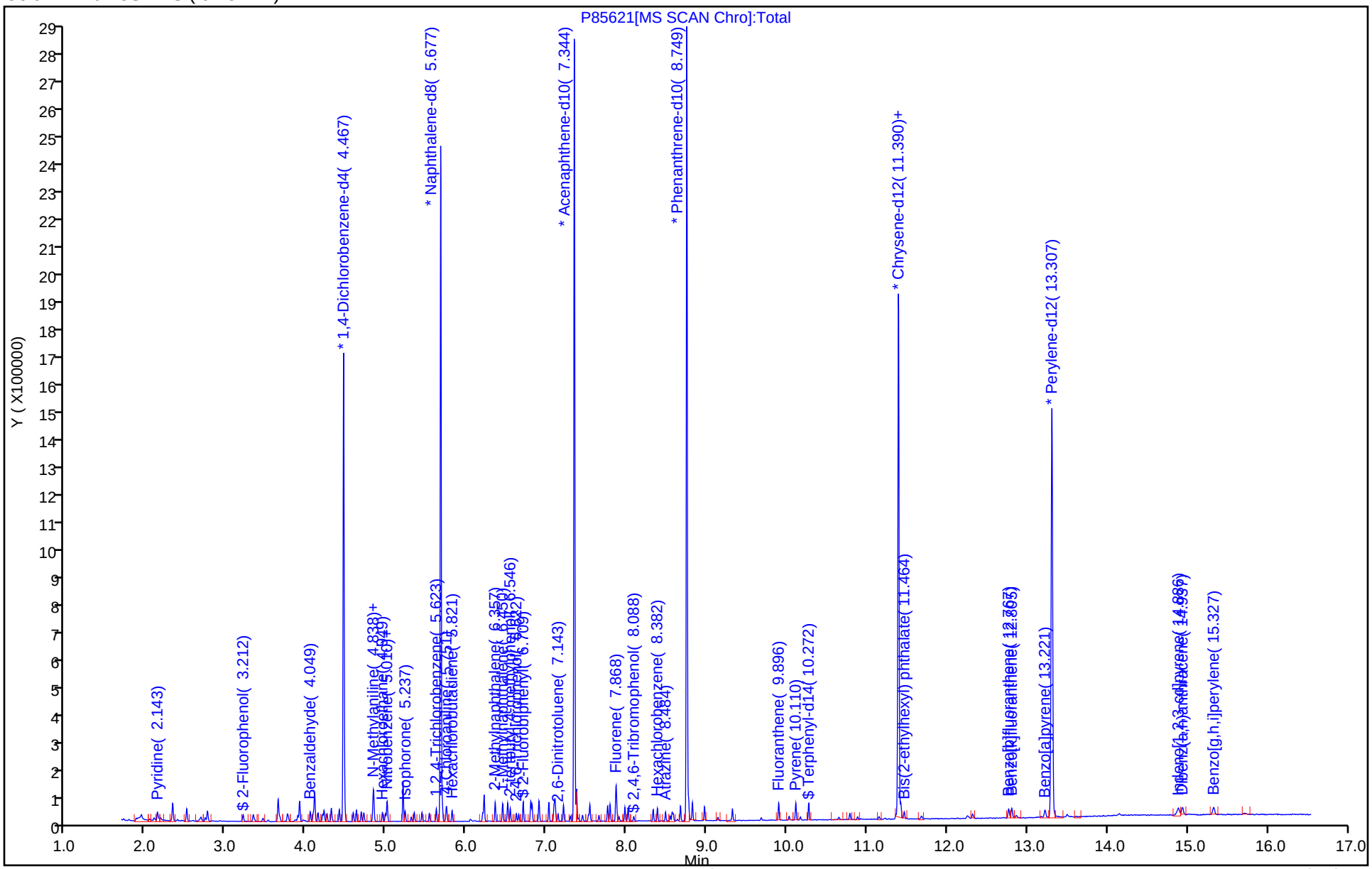
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

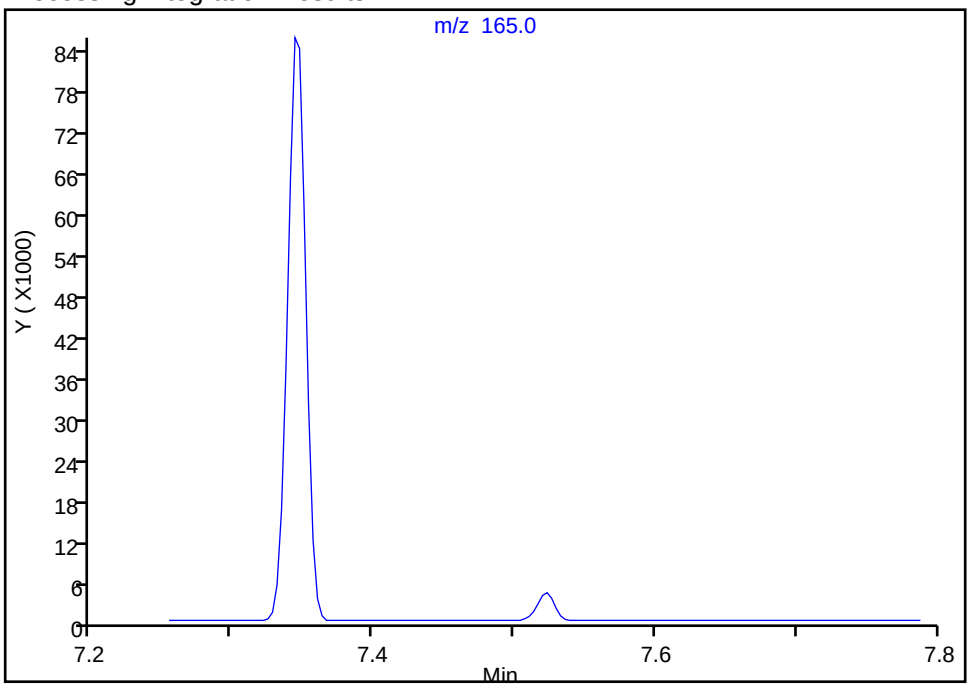
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85621.D				
Injection Date:	12-Jun-2024 12:06:30	Instrument ID:	CBNAMS18		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

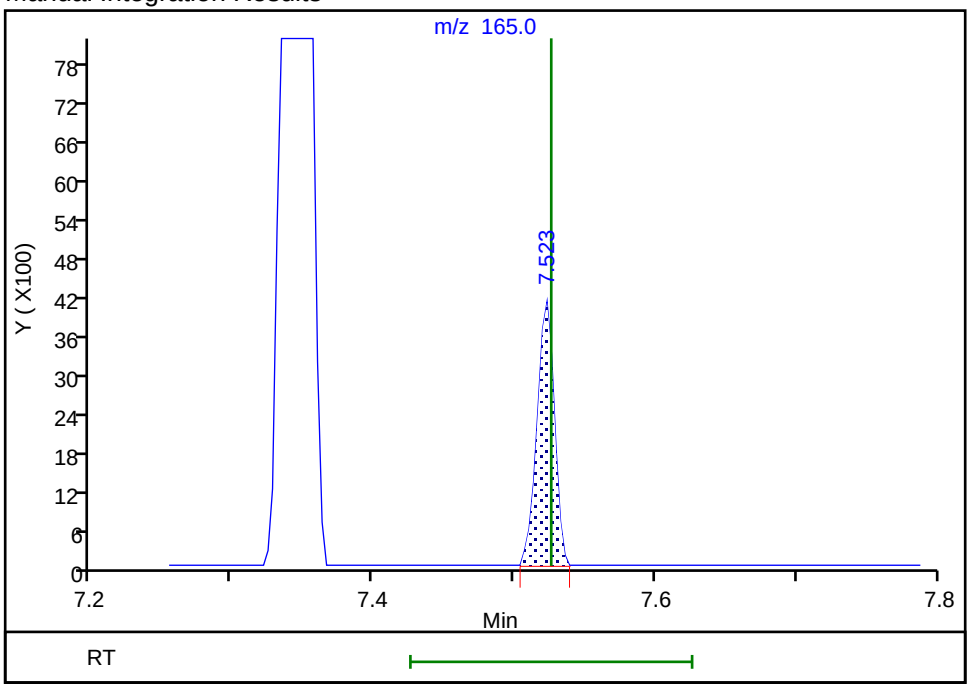
Not Detected
Expected RT: 7.53

Processing Integration Results



Manual Integration Results

RT: 7.52
Area: 3466
Amount: 0.139735
Amount Units: ug/ml



Reviewer: G4KC, 12-Jun-2024 12:50:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Jun-2024 12:48:30 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-010
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:20:45 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 13:17:31

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	1.884	1.878	0.006	88	2101	0.1000	0.1102	
3 Pyridine	79	2.152	2.130	0.022	95	7107	0.2000	0.1667	
$ 6 Phenol-d5	99	4.087	4.094	-0.007	97	4712	0.1000	0.0813	
9 Bis(2-chloroethyl)ether	93	4.205	4.210	-0.005	96	4384	0.1000	0.0950	
* 14 1,4-Dichlorobenzene-d4	152	4.467	4.469	-0.002	96	282051	8.00	8.00	
22 N-Methylaniline	106	4.837	4.839	-0.002	75	4621	0.1000	0.0659	
24 N-Nitrosodi-n-propylamine	70	4.843	4.849	-0.006	76	2631	0.1000	0.0820	
27 Hexachloroethane	117	4.949	4.951	-0.002	91	2020	0.1000	0.1027	
$ 28 Nitrobenzene-d5	82	4.987	4.993	-0.006	85	4203	0.1000	0.0839	
29 Nitrobenzene	123	5.006	5.012	-0.006	94	1973	0.1000	0.0859	
30 n,n'-Dimethylaniline	120	5.009	5.015	-0.006	87	6063	0.1000	0.0817	
37 1,2,4-Trichlorobenzene	180	5.625	5.626	-0.001	93	4099	0.1000	0.0978	
* 38 Naphthalene-d8	136	5.680	5.680	0.000	99	1107509	8.00	8.00	
39 Naphthalene	128	5.699	5.700	-0.001	97	13840	0.1000	0.0940	
40 4-Chloroaniline	127	5.747	5.751	-0.004	93	4093	0.1000	0.0757	
42 Hexachlorobutadiene	225	5.820	5.821	-0.001	93	2560	0.1000	0.1074	
$ 53 2-Fluorobiphenyl	172	6.708	6.710	-0.002	97	9179	0.1000	0.0845	
* 64 Acenaphthene-d10	164	7.346	7.347	-0.001	96	570553	8.00	8.00	
82 Hexachlorobenzene	284	8.384	8.387	-0.003	94	3028	0.1000	0.0970	
* 88 Phenanthrene-d10	188	8.751	8.752	-0.001	99	981934	8.00	8.00	
$ 97 Terphenyl-d14	244	10.271	10.274	-0.003	96	8071	0.1000	0.0855	
102 Benzo[a]anthracene	228	11.382	11.384	-0.002	98	9233	0.1000	0.0942	
* 103 Chrysene-d12	240	11.391	11.397	-0.006	99	609976	8.00	8.00	
107 Benzo[b]fluoranthene	252	12.768	12.776	-0.008	98	7529	0.1000	0.0846	
108 Benzo[k]fluoranthene	252	12.806	12.814	-0.008	99	8168	0.1000	0.0860	
109 Benzo[a]pyrene	252	13.222	13.230	-0.008	97	6554	0.1000	0.0813	
* 110 Perylene-d12	264	13.305	13.307	-0.002	99	661167	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.880	14.900	-0.020	95	6956	0.1000	0.0755	
112 Dibenz(a,h)anthracene	278	14.934	14.948	-0.014	96	7872	0.1000	0.0827	
113 Benzo[g,h,i]perylene	276	15.324	15.339	-0.015	95	7198	0.1000	0.0797	

QC Flag Legend

Processing Flags

Reagents:

SV_BNAL1_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:20:46 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Injection Date: 12-Jun-2024 12:48:30 Instrument ID: CBNAMS18 Operator ID:

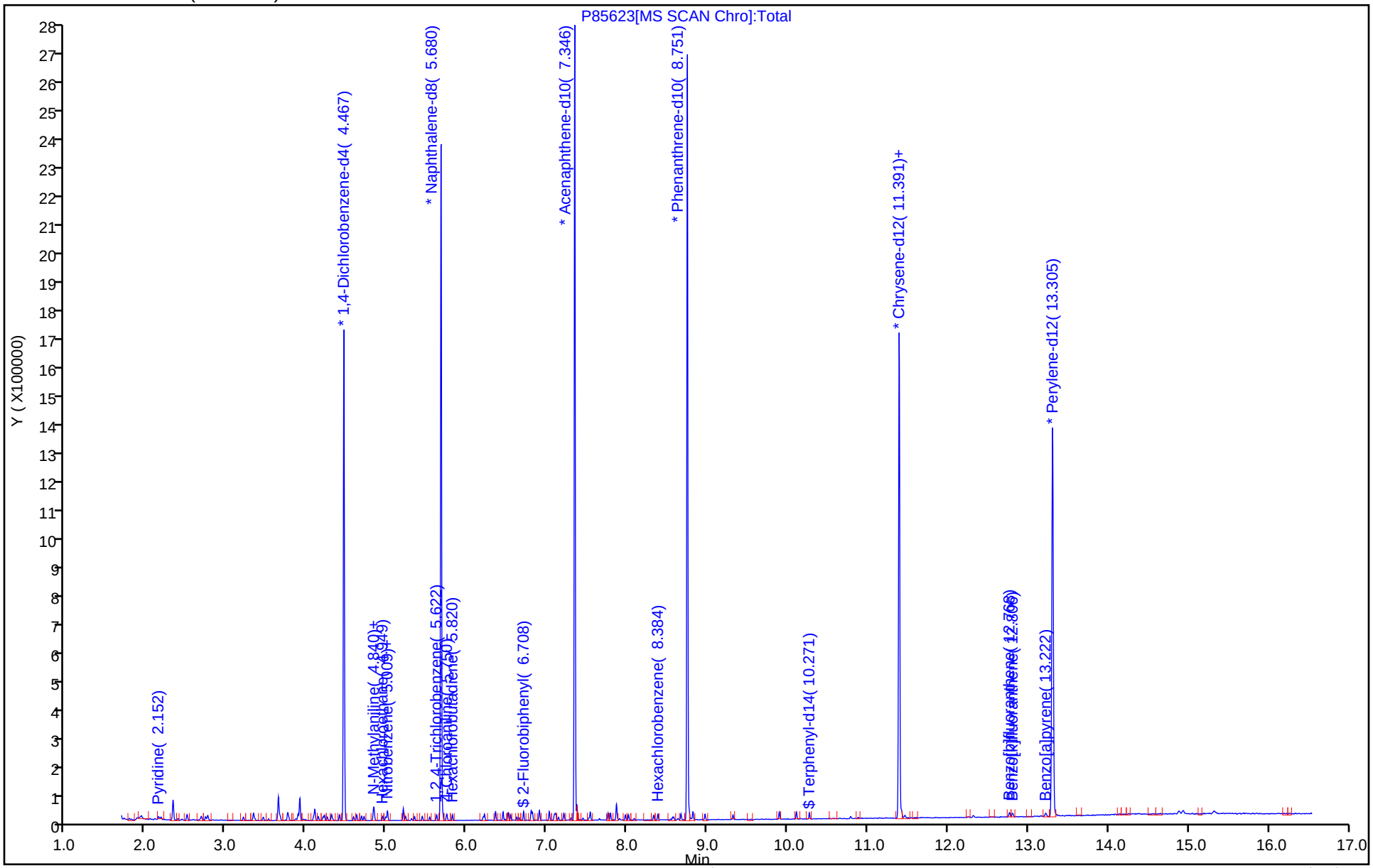
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Calibration / 1,4-Dioxane

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

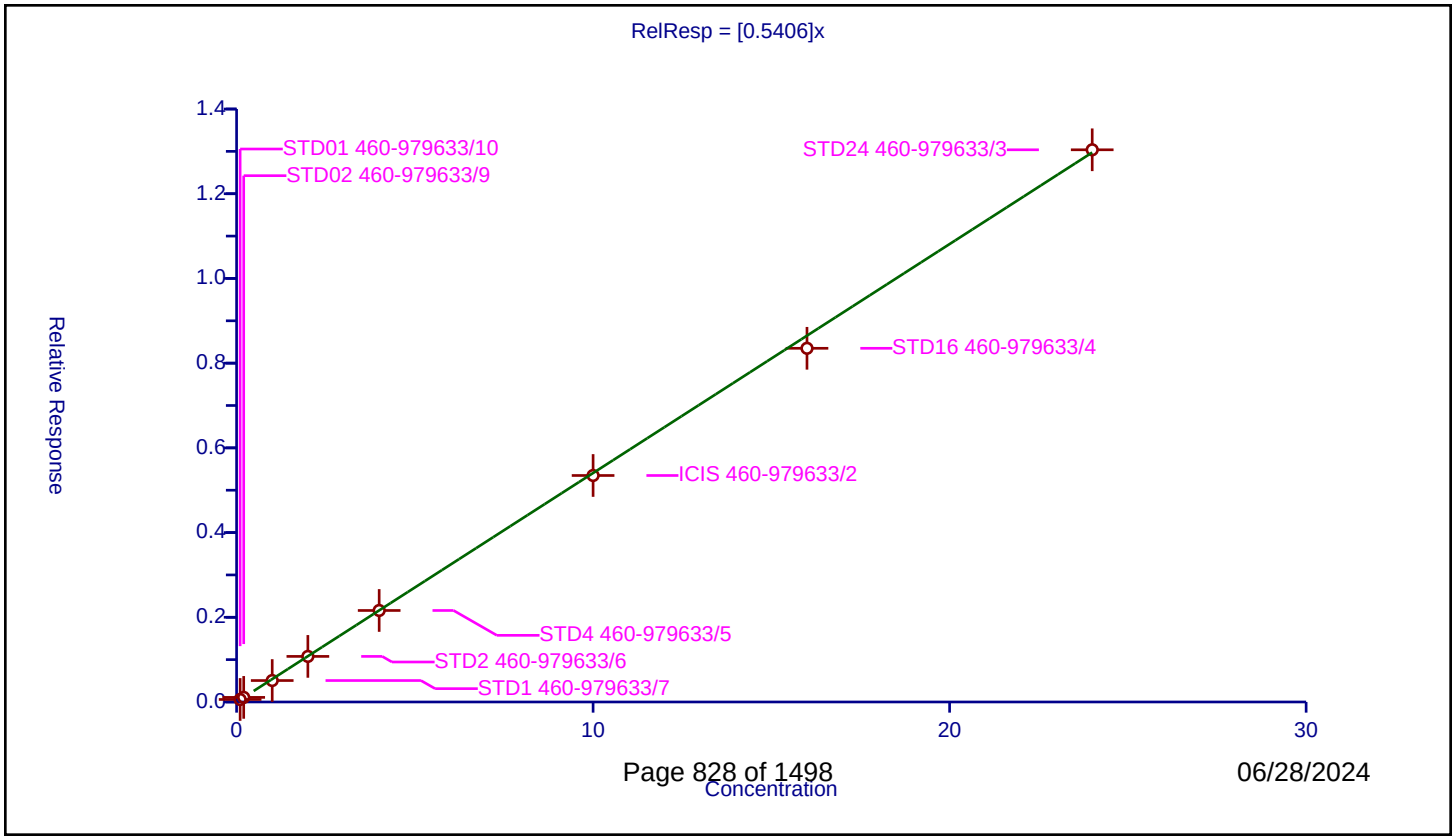
Curve Coefficients

Intercept:	0
Slope:	0.5406

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.059592	8.0	282051.0	0.595921	Y
2	STD02 460-979633/9	0.2	0.108772	8.0	284778.0	0.543862	Y
3	STD1 460-979633/7	1.0	0.506722	8.0	275354.0	0.506722	Y
4	STD2 460-979633/6	2.0	1.076093	8.0	273731.0	0.538046	Y
5	STD4 460-979633/5	4.0	2.160707	8.0	289272.0	0.540177	Y
6	ICIS 460-979633/2	10.0	5.347393	8.0	302341.0	0.534739	Y
7	STD16 460-979633/4	16.0	8.35036	8.0	297089.0	0.521897	Y
8	STD24 460-979633/3	24.0	13.037242	8.0	278392.0	0.543218	Y



Calibration / N-Nitrosodimethylamine

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

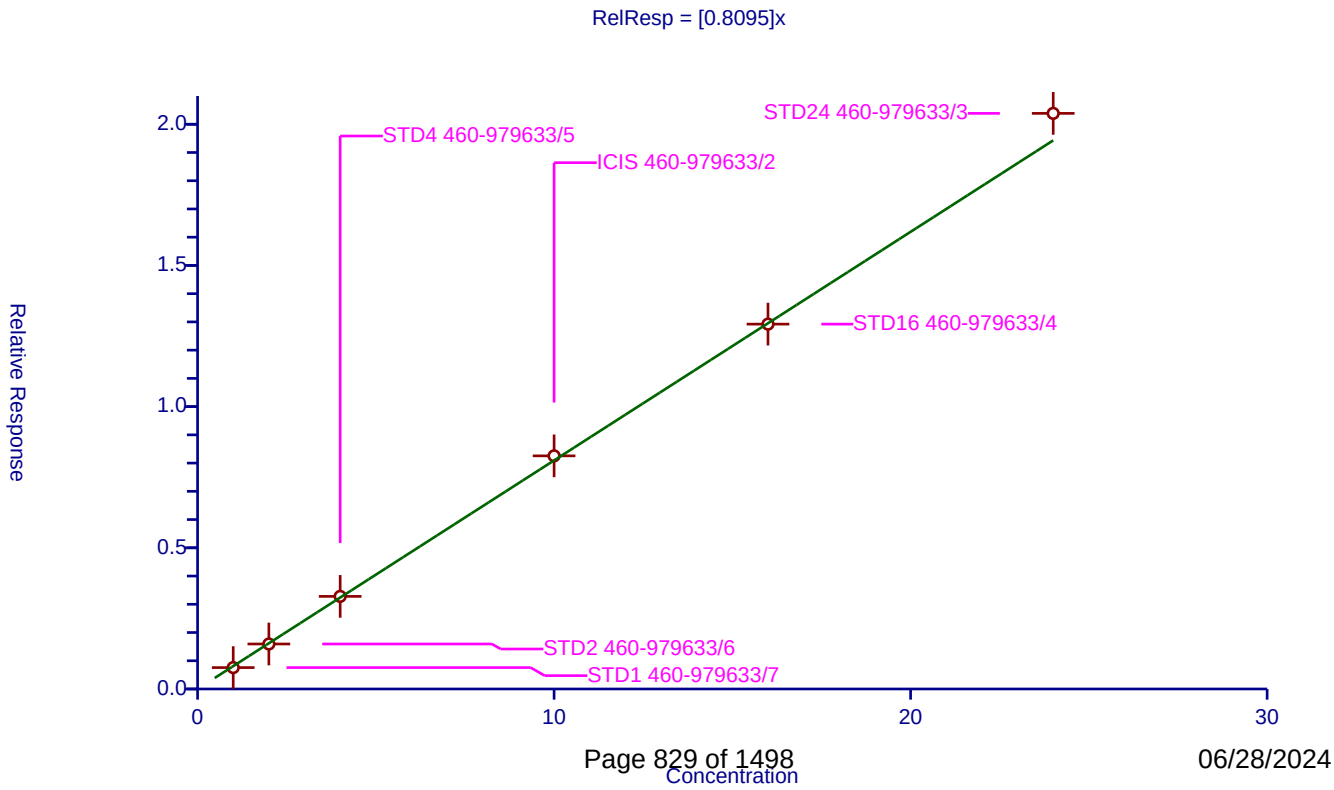
Curve Coefficients

Intercept:	0
Slope:	0.8095

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.757599	8.0	275354.0	0.757599	Y
2	STD2 460-979633/6	2.0	1.594091	8.0	273731.0	0.797045	Y
3	STD4 460-979633/5	4.0	3.279239	8.0	289272.0	0.81981	Y
4	ICIS 460-979633/2	10.0	8.256002	8.0	302341.0	0.8256	Y
5	STD16 460-979633/4	16.0	12.921542	8.0	297089.0	0.807596	Y
6	STD24 460-979633/3	24.0	20.384752	8.0	278392.0	0.849365	Y



Calibration / Pyridine

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

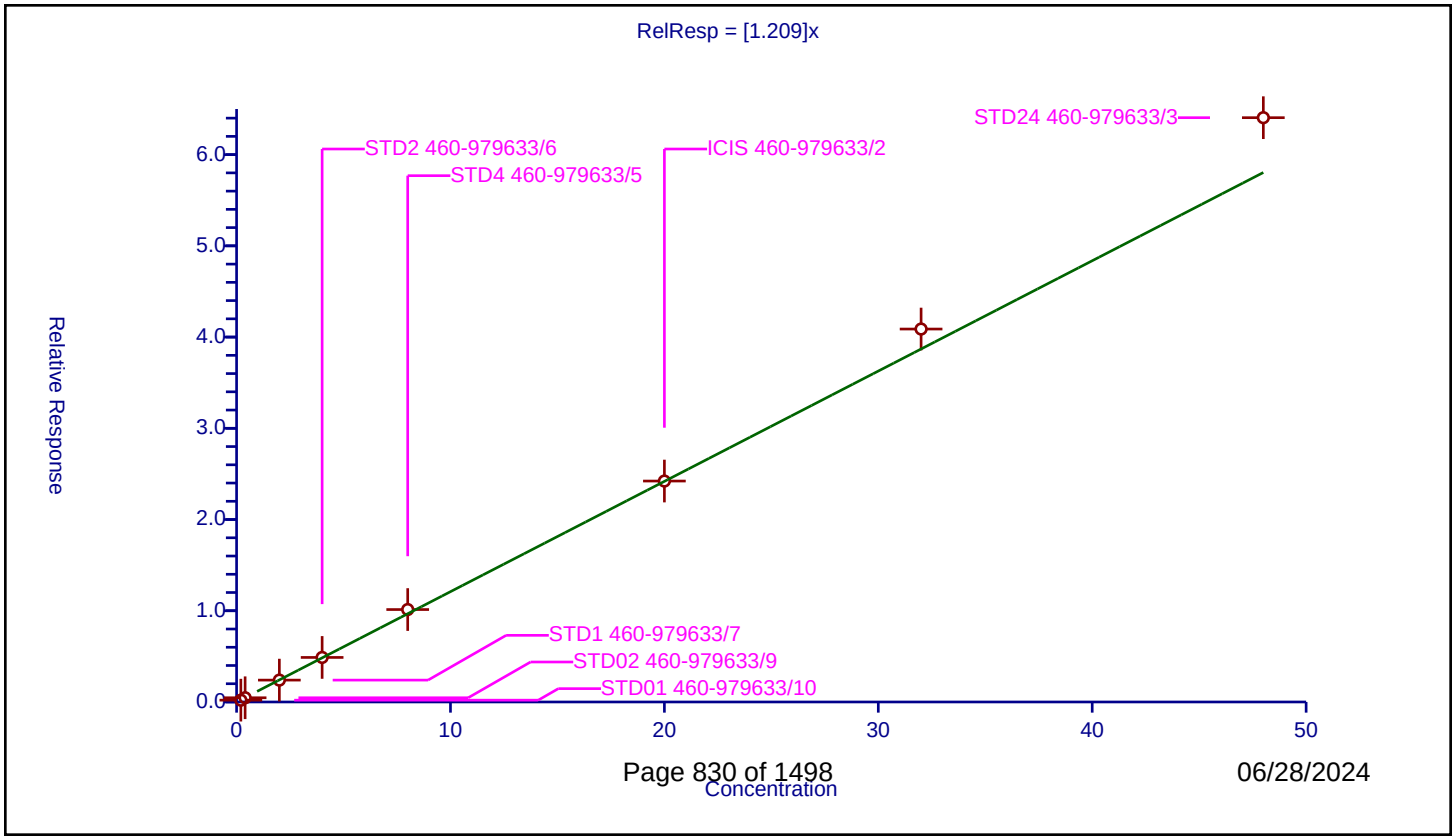
Curve Coefficients

Intercept:	0
Slope:	1.209

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.2	0.201581	8.0	282051.0	1.007903	Y
2	STD02 460-979633/9	0.4	0.462451	8.0	284778.0	1.156129	Y
3	STD1 460-979633/7	2.0	2.397408	8.0	275354.0	1.198704	Y
4	STD2 460-979633/6	4.0	4.883334	8.0	273731.0	1.220834	Y
5	STD4 460-979633/5	8.0	10.134434	8.0	289272.0	1.266804	Y
6	ICIS 460-979633/2	20.0	24.218138	8.0	302341.0	1.210907	Y
7	STD16 460-979633/4	32.0	40.881971	8.0	297089.0	1.277562	Y
8	STD24 460-979633/3	48.0	64.050519	8.0	278392.0	1.334386	Y



Calibration / 2-Fluorophenol

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

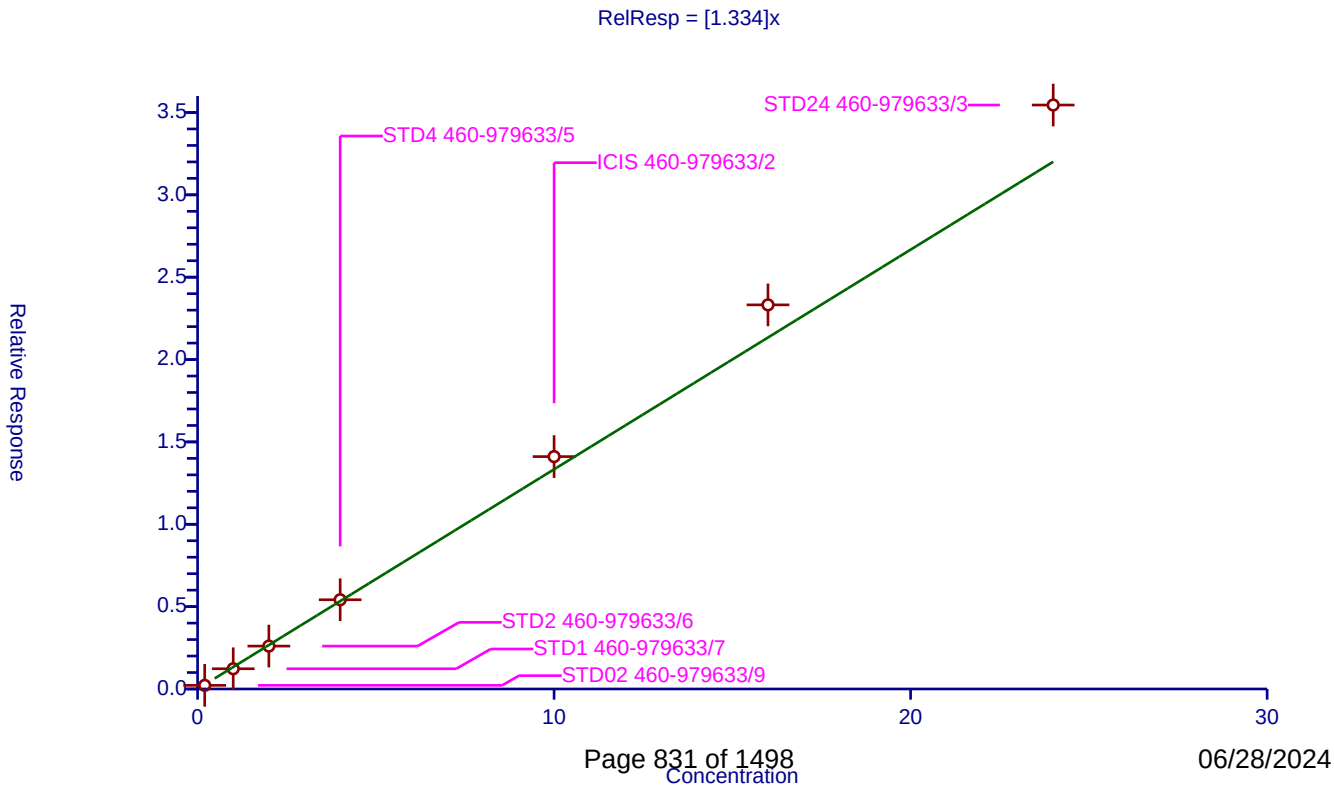
Curve Coefficients

Intercept:	0
Slope:	1.334

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.221056	8.0	284778.0	1.105282	Y
2	STD1 460-979633/7	1.0	1.228121	8.0	275354.0	1.228121	Y
3	STD2 460-979633/6	2.0	2.604455	8.0	273731.0	1.302227	Y
4	STD4 460-979633/5	4.0	5.417185	8.0	289272.0	1.354296	Y
5	ICIS 460-979633/2	10.0	14.107832	8.0	302341.0	1.410783	Y
6	STD16 460-979633/4	16.0	23.320527	8.0	297089.0	1.457533	Y
7	STD24 460-979633/3	24.0	35.452197	8.0	278392.0	1.477175	Y



Calibration / Benzaldehyde

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

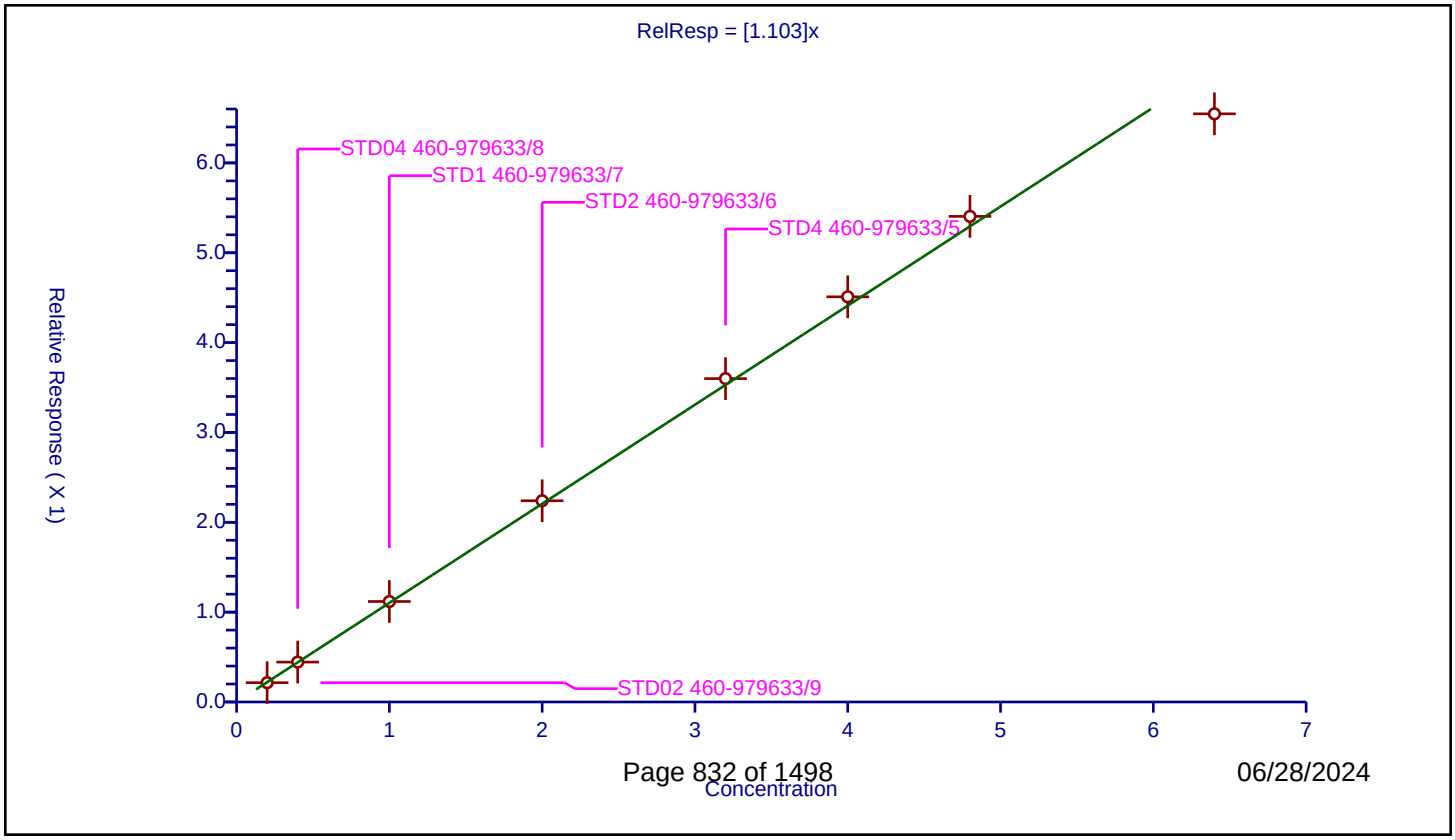
Curve Coefficients

Intercept:	0
Slope:	1.103

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.214595	8.0	284778.0	1.072976	Y
2	STD04 460-979633/8	0.4	0.44429	8.0	274235.0	1.110726	Y
3	STD1 460-979633/7	1.0	1.118386	8.0	275354.0	1.118386	Y
4	STD2 460-979633/6	2.0	2.239834	8.0	273731.0	1.119917	Y
5	STD4 460-979633/5	3.2	3.599381	8.0	289272.0	1.124806	Y
6	ICIS 460-979633/2	4.0	4.50961	8.0	302341.0	1.127403	Y
7	STD16 460-979633/4	4.8	5.405168	8.0	297089.0	1.126077	Y
8	STD24 460-979633/3	6.4	6.546251	8.0	278392.0	1.022852	Y



Calibration / Phenol-d5

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

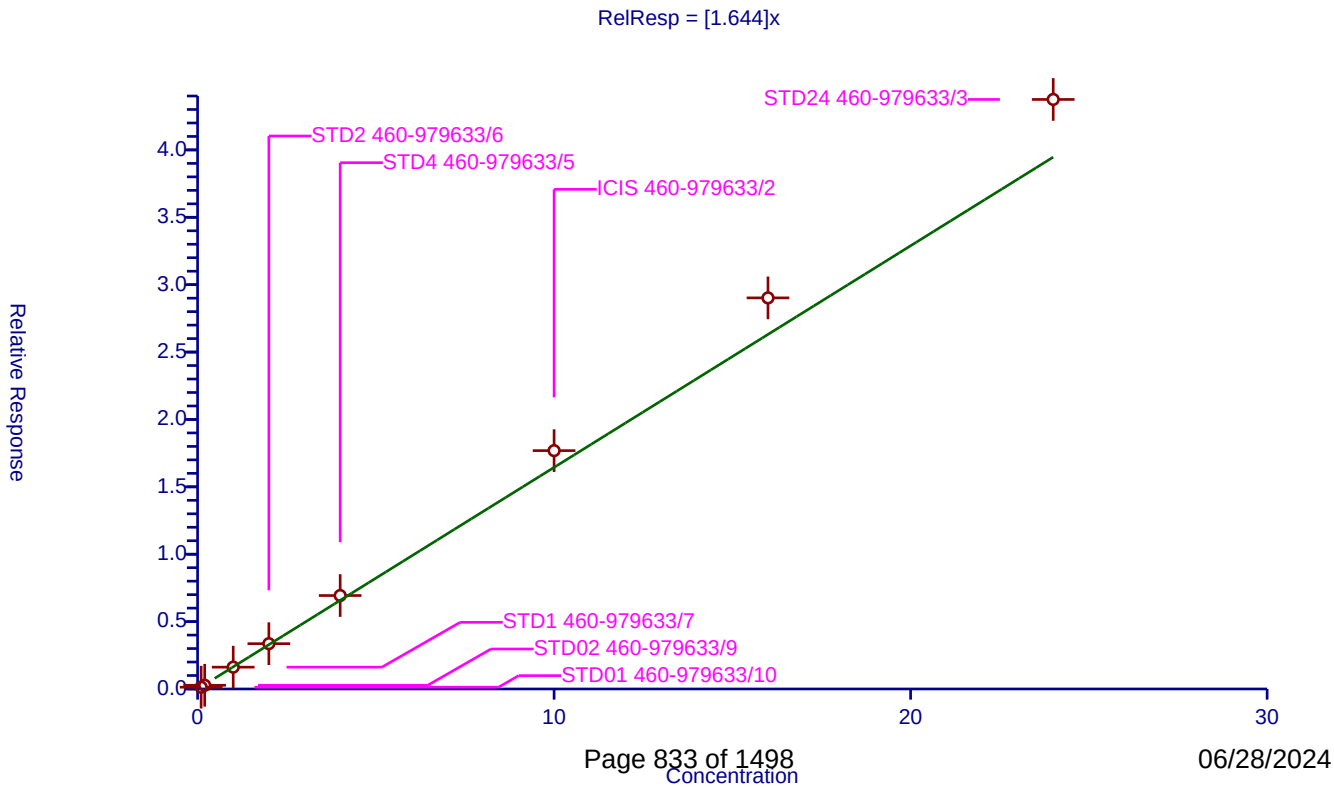
Curve Coefficients

Intercept:	0
Slope:	1.644

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.13365	8.0	282051.0	1.336496	Y
2	STD02 460-979633/9	0.2	0.275864	8.0	284778.0	1.37932	Y
3	STD1 460-979633/7	1.0	1.618658	8.0	275354.0	1.618658	Y
4	STD2 460-979633/6	2.0	3.362834	8.0	273731.0	1.681417	Y
5	STD4 460-979633/5	4.0	6.935148	8.0	289272.0	1.733787	Y
6	ICIS 460-979633/2	10.0	17.686678	8.0	302341.0	1.768668	Y
7	STD16 460-979633/4	16.0	29.020502	8.0	297089.0	1.813781	Y
8	STD24 460-979633/3	24.0	43.745654	8.0	278392.0	1.822736	Y



Calibration / Phenol

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

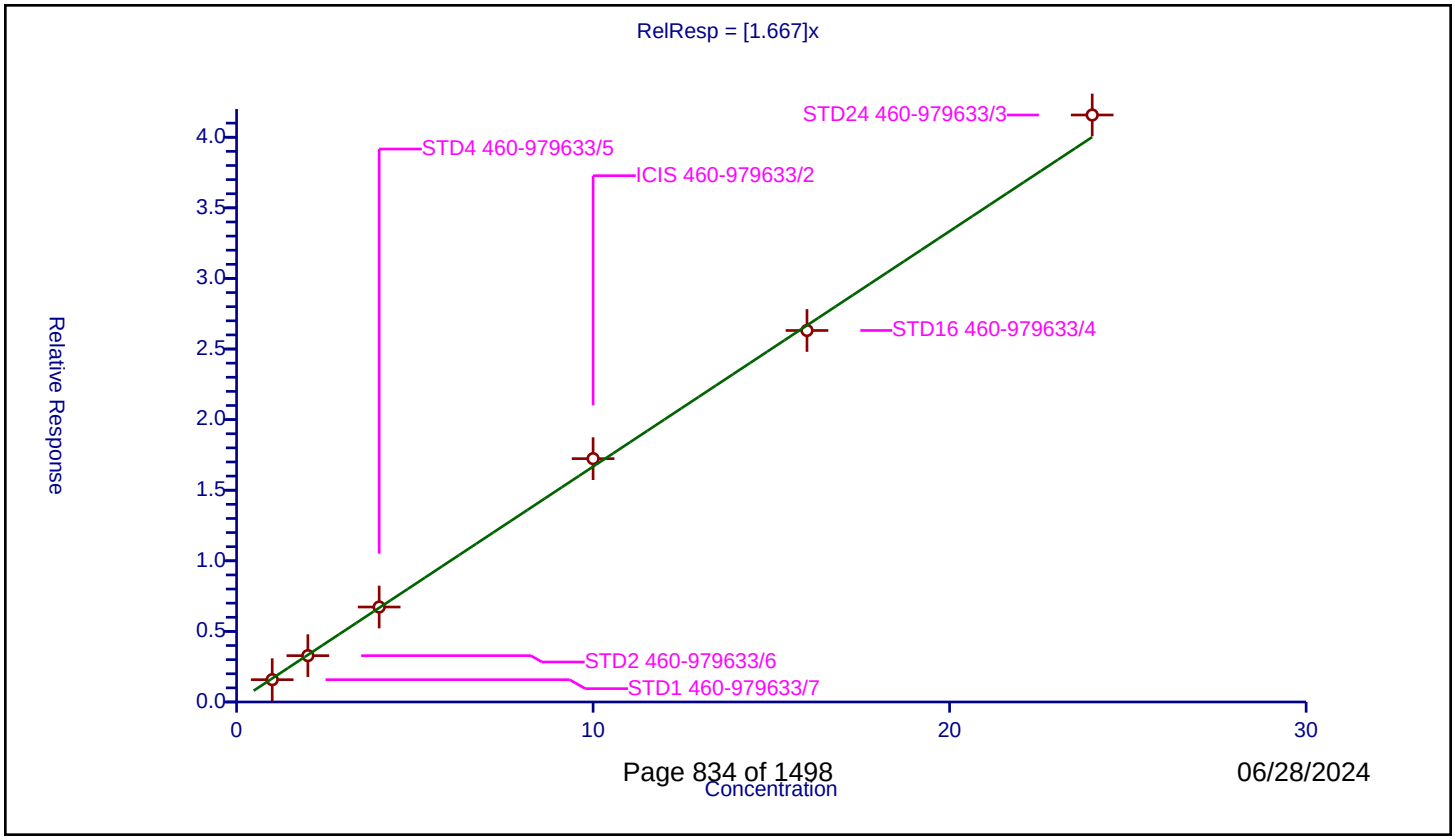
Curve Coefficients

Intercept:	0
Slope:	1.667

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.580395	8.0	275354.0	1.580395	Y
2	STD2 460-979633/6	2.0	3.28185	8.0	273731.0	1.640925	Y
3	STD4 460-979633/5	4.0	6.726154	8.0	289272.0	1.681538	Y
4	ICIS 460-979633/2	10.0	17.23577	8.0	302341.0	1.723577	Y
5	STD16 460-979633/4	16.0	26.313946	8.0	297089.0	1.644622	Y
6	STD24 460-979633/3	24.0	41.576166	8.0	278392.0	1.73234	Y



Calibration / Aniline

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

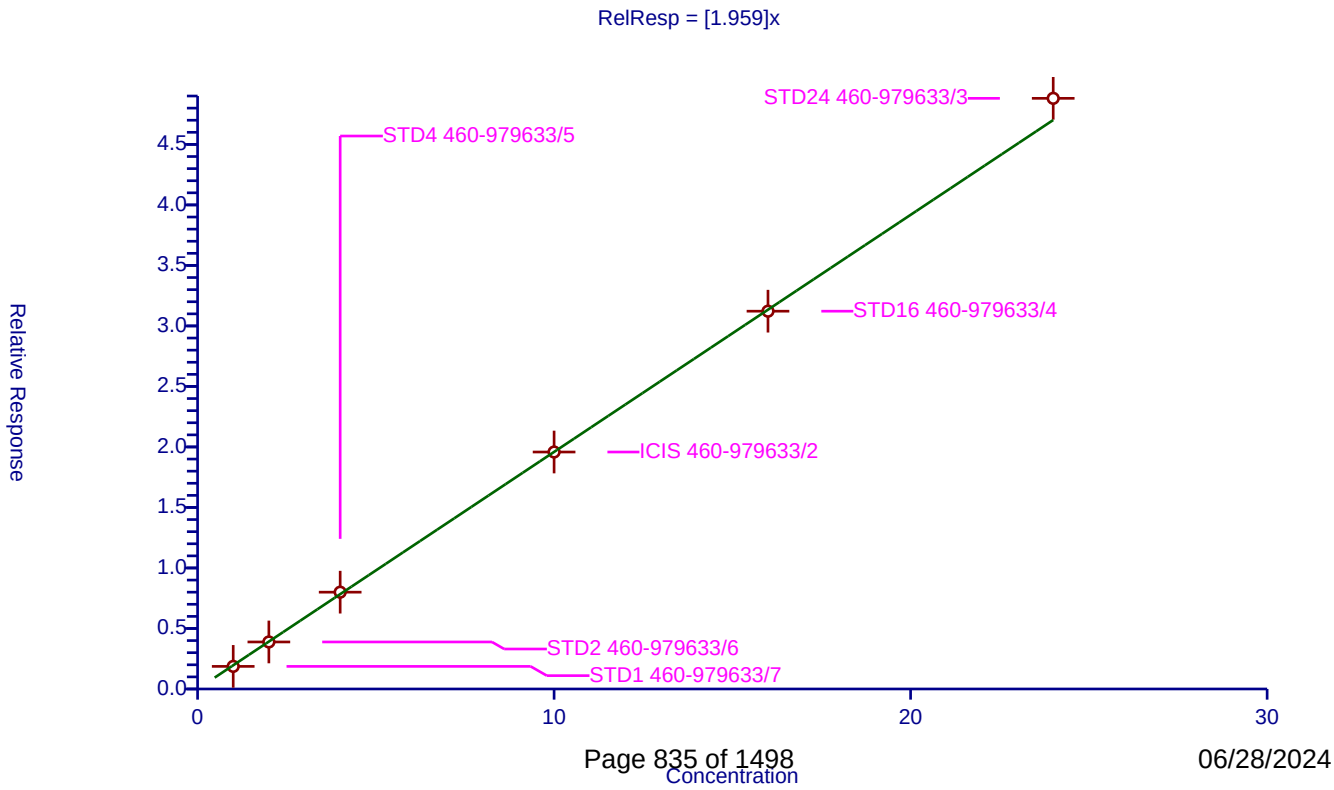
Curve Coefficients

Intercept:	0
Slope:	1.959

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.867792	8.0	275354.0	1.867792	Y
2	STD2 460-979633/6	2.0	3.886268	8.0	273731.0	1.943134	Y
3	STD4 460-979633/5	4.0	7.999419	8.0	289272.0	1.999855	Y
4	ICIS 460-979633/2	10.0	19.583054	8.0	302341.0	1.958305	Y
5	STD16 460-979633/4	16.0	31.219547	8.0	297089.0	1.951222	Y
6	STD24 460-979633/3	24.0	48.80919	8.0	278392.0	2.033716	Y



Calibration / Bis(2-chloroethyl)ether

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

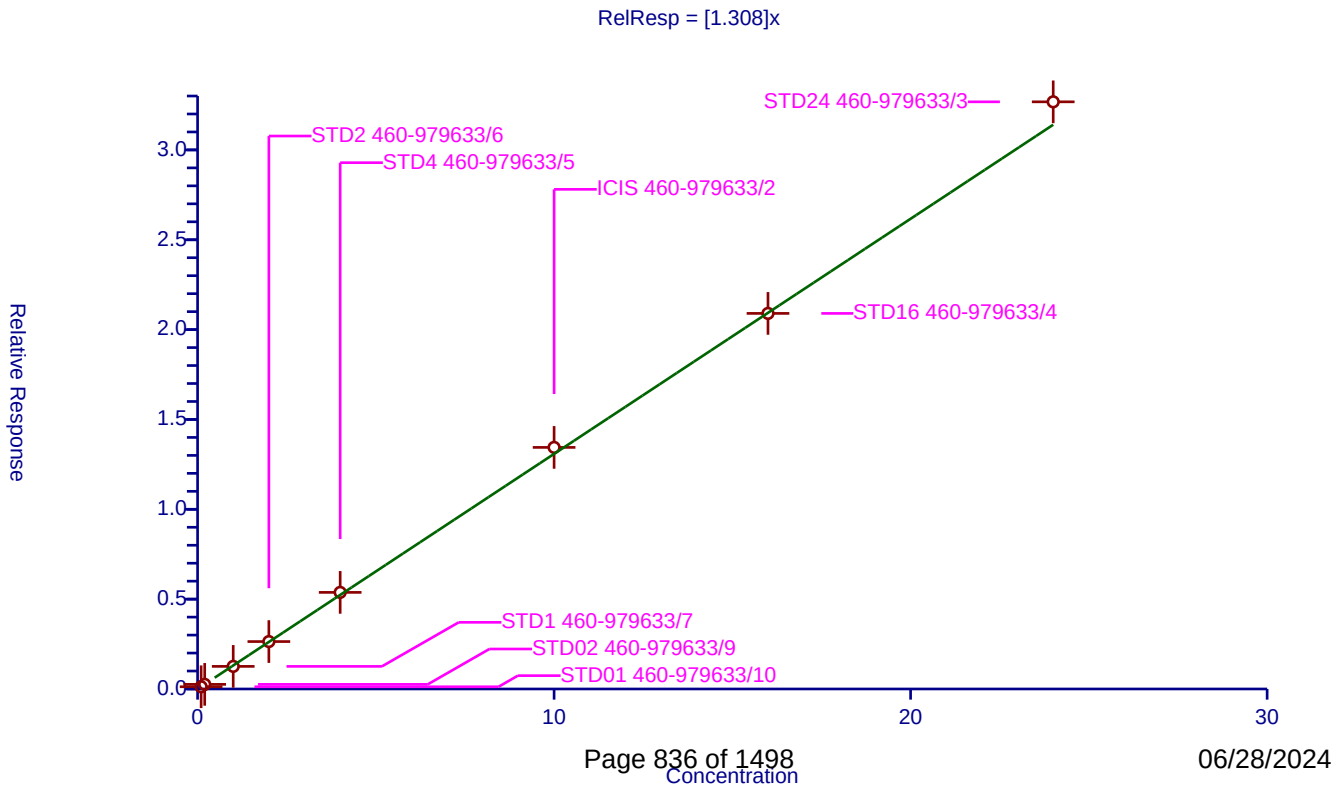
Curve Coefficients

Intercept:	0
Slope:	1.308

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.124346	8.0	282051.0	1.243463	Y
2	STD02 460-979633/9	0.2	0.257969	8.0	284778.0	1.289847	Y
3	STD1 460-979633/7	1.0	1.257843	8.0	275354.0	1.257843	Y
4	STD2 460-979633/6	2.0	2.639058	8.0	273731.0	1.319529	Y
5	STD4 460-979633/5	4.0	5.375895	8.0	289272.0	1.343974	Y
6	ICIS 460-979633/2	10.0	13.444581	8.0	302341.0	1.344458	Y
7	STD16 460-979633/4	16.0	20.902073	8.0	297089.0	1.30638	Y
8	STD24 460-979633/3	24.0	32.676198	8.0	278392.0	1.361508	Y



Calibration / 2-Chlorophenol

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

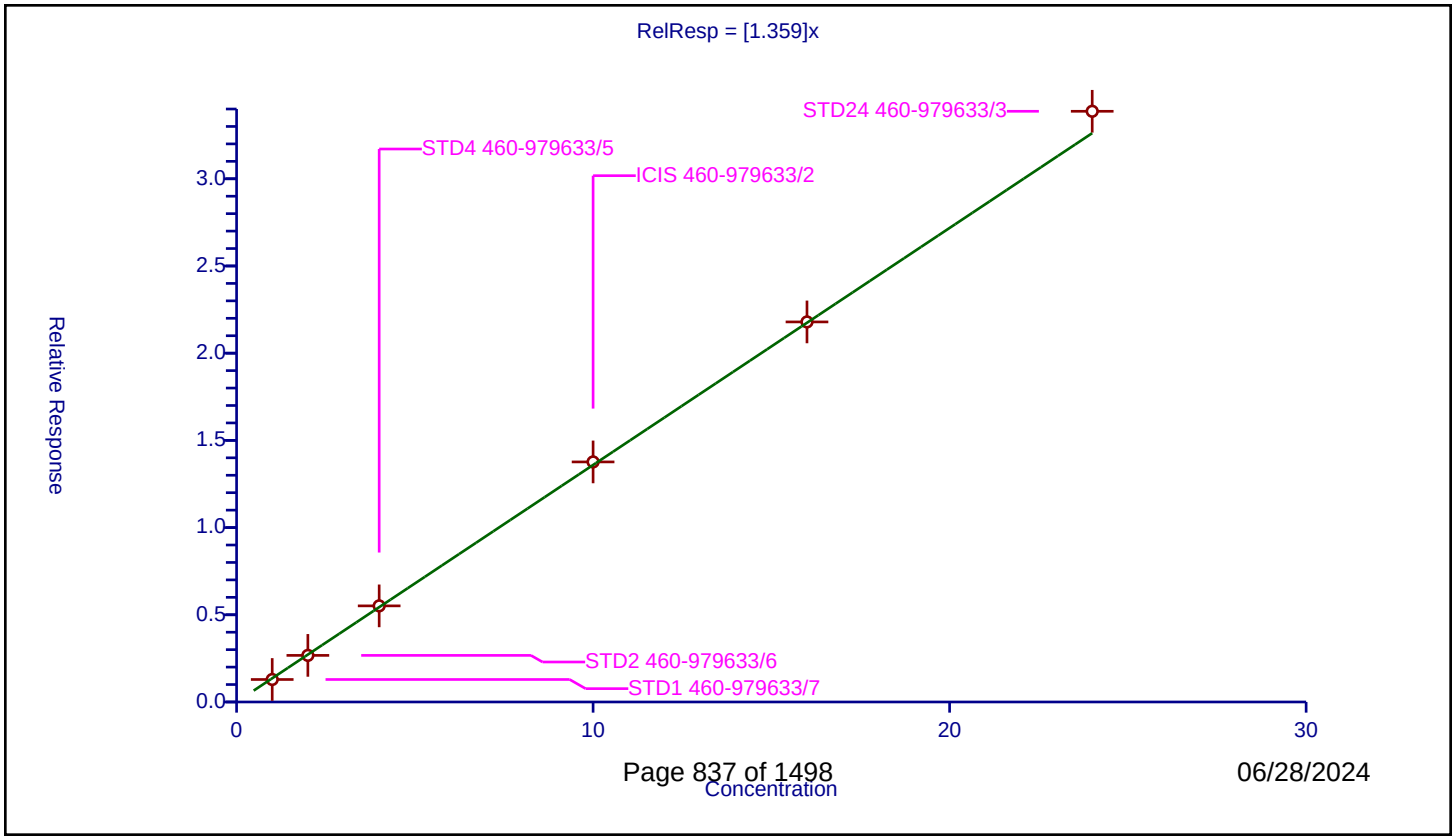
Curve Coefficients

Intercept:	0
Slope:	1.359

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.290324	8.0	275354.0	1.290324	Y
2	STD2 460-979633/6	2.0	2.672551	8.0	273731.0	1.336275	Y
3	STD4 460-979633/5	4.0	5.510634	8.0	289272.0	1.377658	Y
4	ICIS 460-979633/2	10.0	13.765702	8.0	302341.0	1.37657	Y
5	STD16 460-979633/4	16.0	21.792096	8.0	297089.0	1.362006	Y
6	STD24 460-979633/3	24.0	33.870255	8.0	278392.0	1.411261	Y



Calibration / n-Decane

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

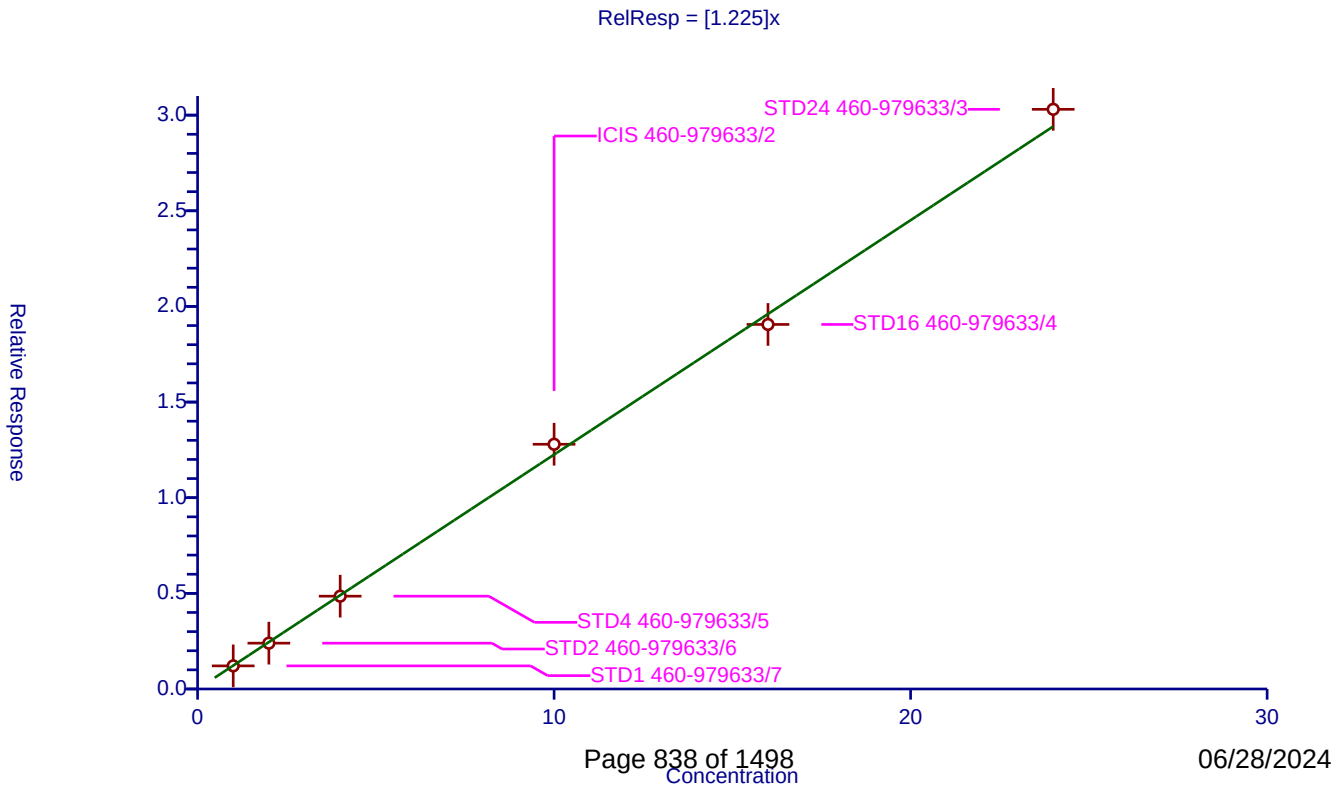
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.208016	8.0	275354.0	1.208016	Y
2	STD2 460-979633/6	2.0	2.395111	8.0	273731.0	1.197555	Y
3	STD4 460-979633/5	4.0	4.852623	8.0	289272.0	1.213156	Y
4	ICIS 460-979633/2	10.0	12.794269	8.0	302341.0	1.279427	Y
5	STD16 460-979633/4	16.0	19.05775	8.0	297089.0	1.191109	Y
6	STD24 460-979633/3	24.0	30.304204	8.0	278392.0	1.262675	Y



Calibration / 1,3-Dichlorobenzene

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

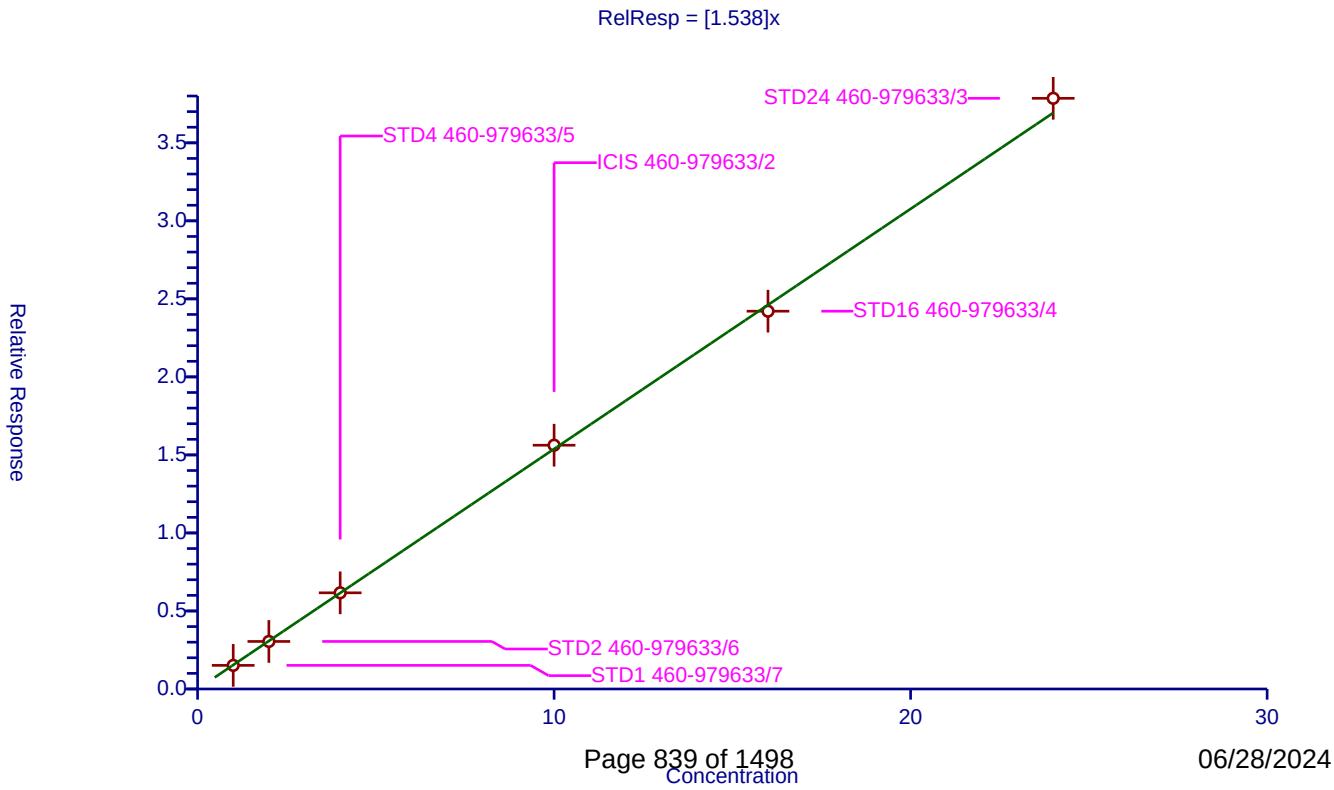
Curve Coefficients

Intercept:	0
Slope:	1.538

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.513165	8.0	275354.0	1.513165	Y
2	STD2 460-979633/6	2.0	3.046319	8.0	273731.0	1.52316	Y
3	STD4 460-979633/5	4.0	6.163887	8.0	289272.0	1.540972	Y
4	ICIS 460-979633/2	10.0	15.621117	8.0	302341.0	1.562112	Y
5	STD16 460-979633/4	16.0	24.210927	8.0	297089.0	1.513183	Y
6	STD24 460-979633/3	24.0	37.852726	8.0	278392.0	1.577197	Y



Calibration / 1,4-Dichlorobenzene

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

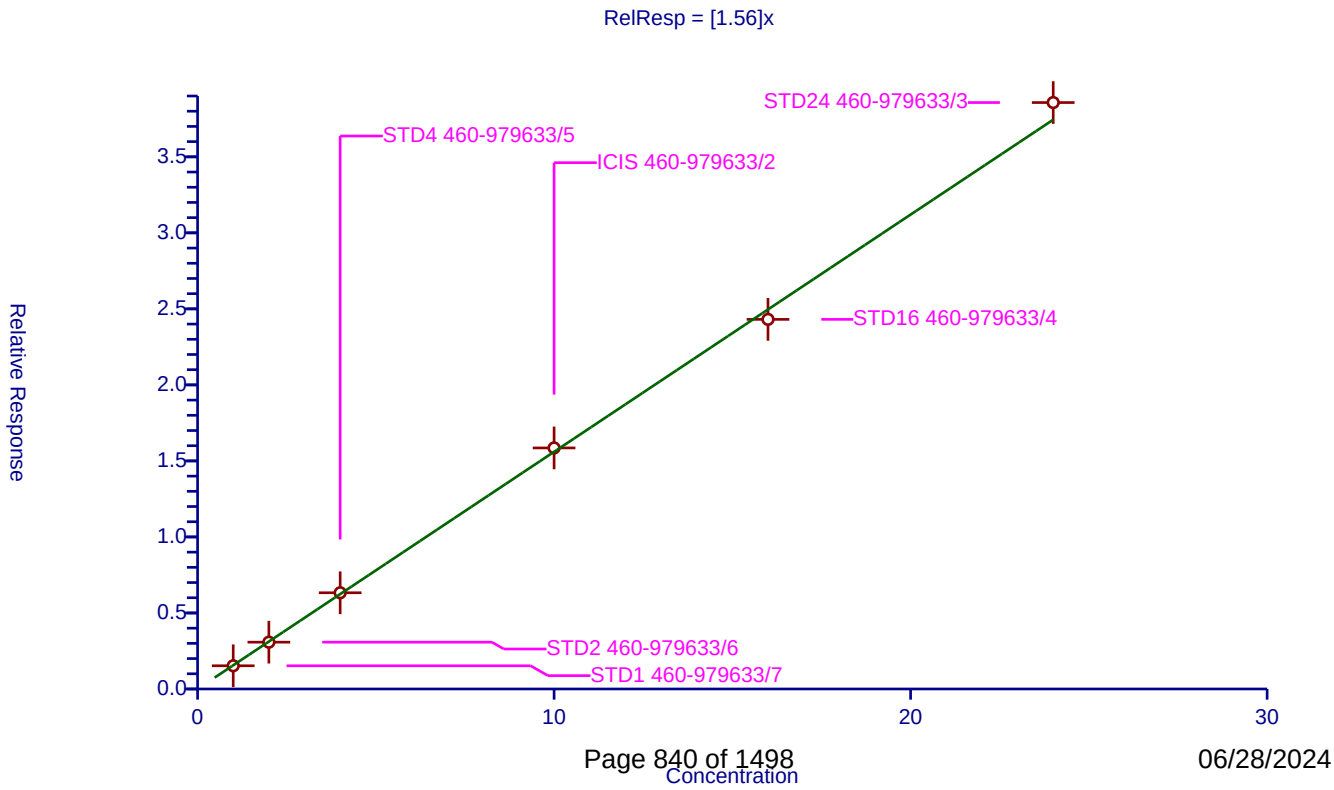
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.526994	8.0	275354.0	1.526994	Y
2	STD2 460-979633/6	2.0	3.078818	8.0	273731.0	1.539409	Y
3	STD4 460-979633/5	4.0	6.328134	8.0	289272.0	1.582034	Y
4	ICIS 460-979633/2	10.0	15.853728	8.0	302341.0	1.585373	Y
5	STD16 460-979633/4	16.0	24.309375	8.0	297089.0	1.519336	Y
6	STD24 460-979633/3	24.0	38.569901	8.0	278392.0	1.607079	Y



Calibration / Benzyl alcohol

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

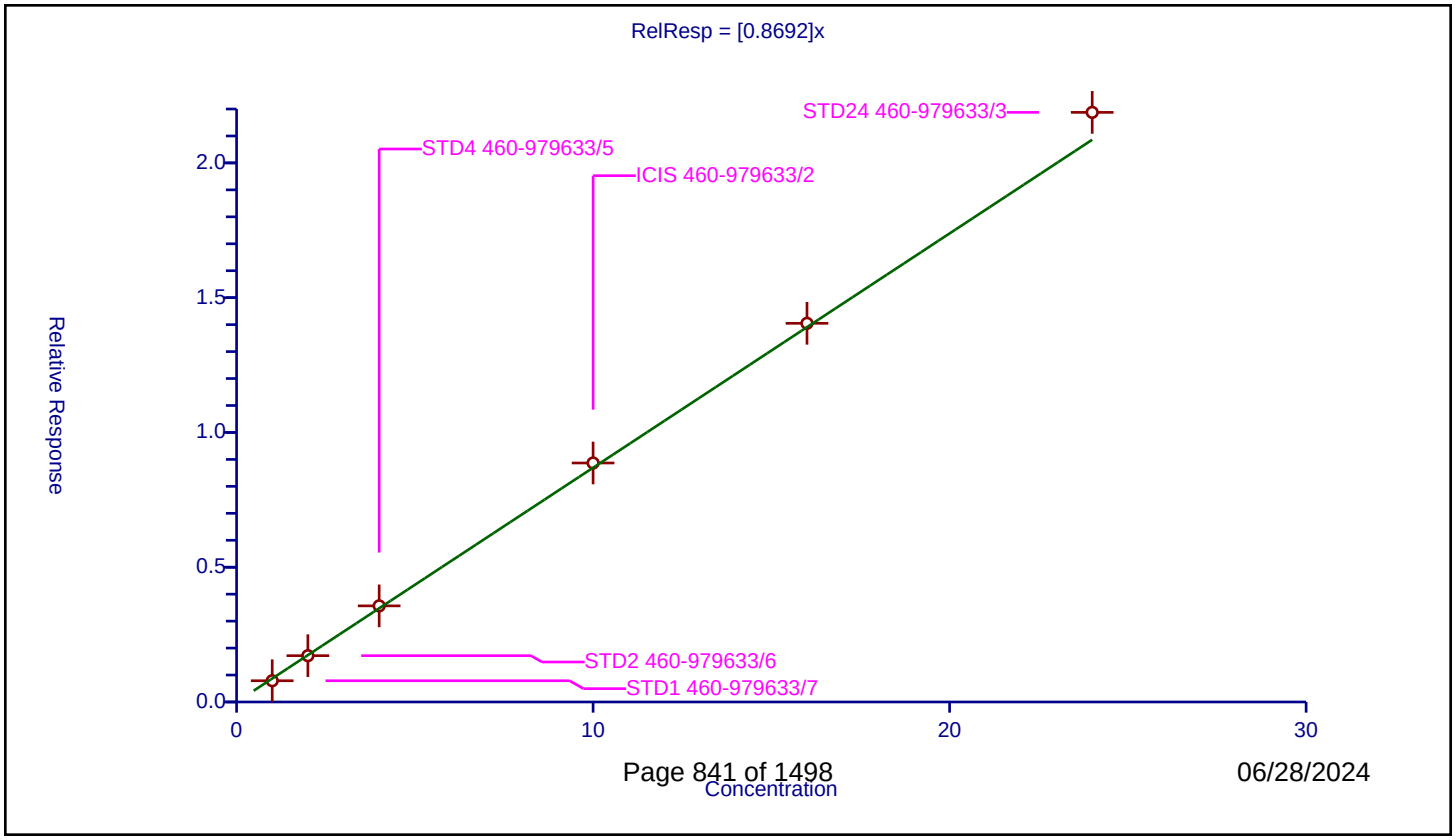
Curve Coefficients

Intercept:	0
Slope:	0.8692

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.788193	8.0	275354.0	0.788193	Y
2	STD2 460-979633/6	2.0	1.717949	8.0	273731.0	0.858975	Y
3	STD4 460-979633/5	4.0	3.566083	8.0	289272.0	0.891521	Y
4	ICIS 460-979633/2	10.0	8.867524	8.0	302341.0	0.886752	Y
5	STD16 460-979633/4	16.0	14.04977	8.0	297089.0	0.878111	Y
6	STD24 460-979633/3	24.0	21.875657	8.0	278392.0	0.911486	Y



Calibration / 1,2-Dichlorobenzene

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

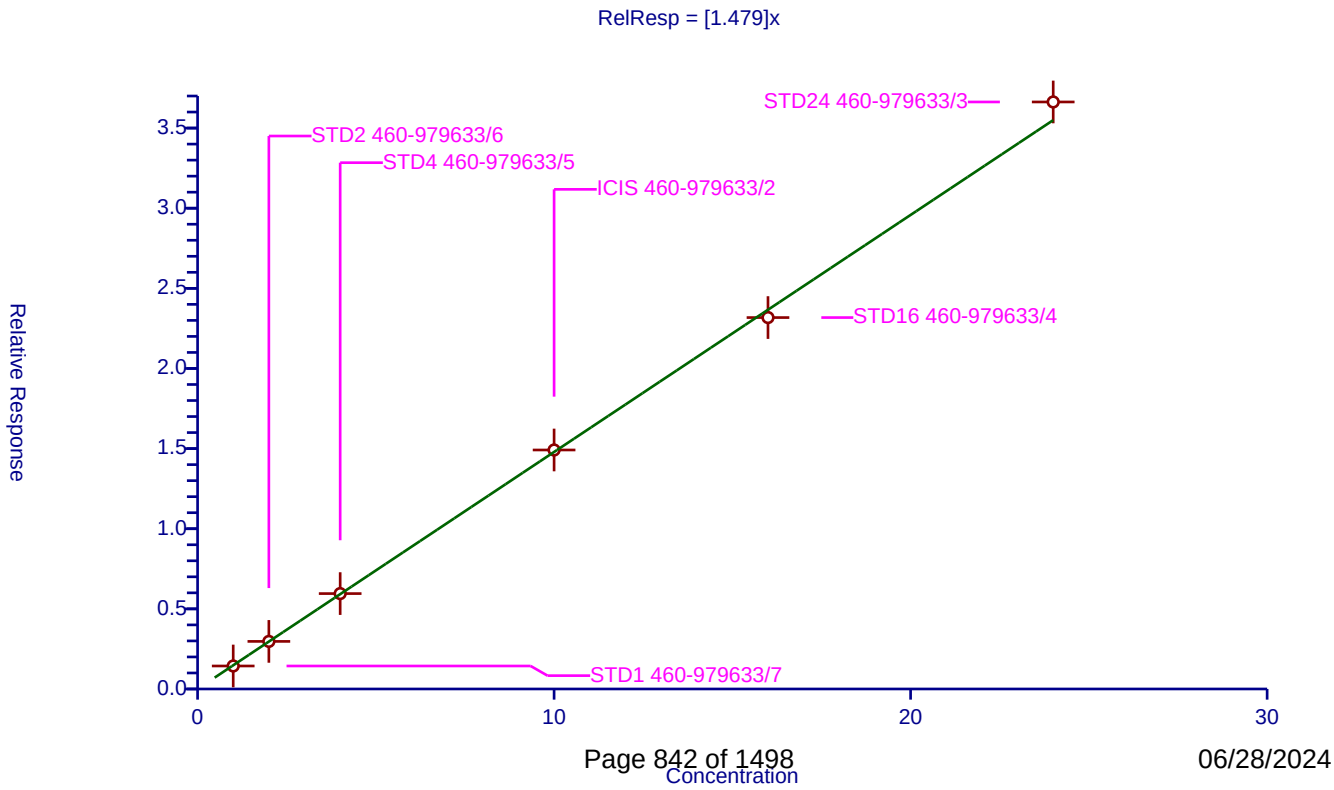
Curve Coefficients

Intercept:	0
Slope:	1.479

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.435243	8.0	275354.0	1.435243	Y
2	STD2 460-979633/6	2.0	2.969017	8.0	273731.0	1.484509	Y
3	STD4 460-979633/5	4.0	5.951907	8.0	289272.0	1.487977	Y
4	ICIS 460-979633/2	10.0	14.912645	8.0	302341.0	1.491264	Y
5	STD16 460-979633/4	16.0	23.176166	8.0	297089.0	1.44851	Y
6	STD24 460-979633/3	24.0	36.629012	8.0	278392.0	1.526209	Y



06/28/2024

Calibration / 2-Methylphenol

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

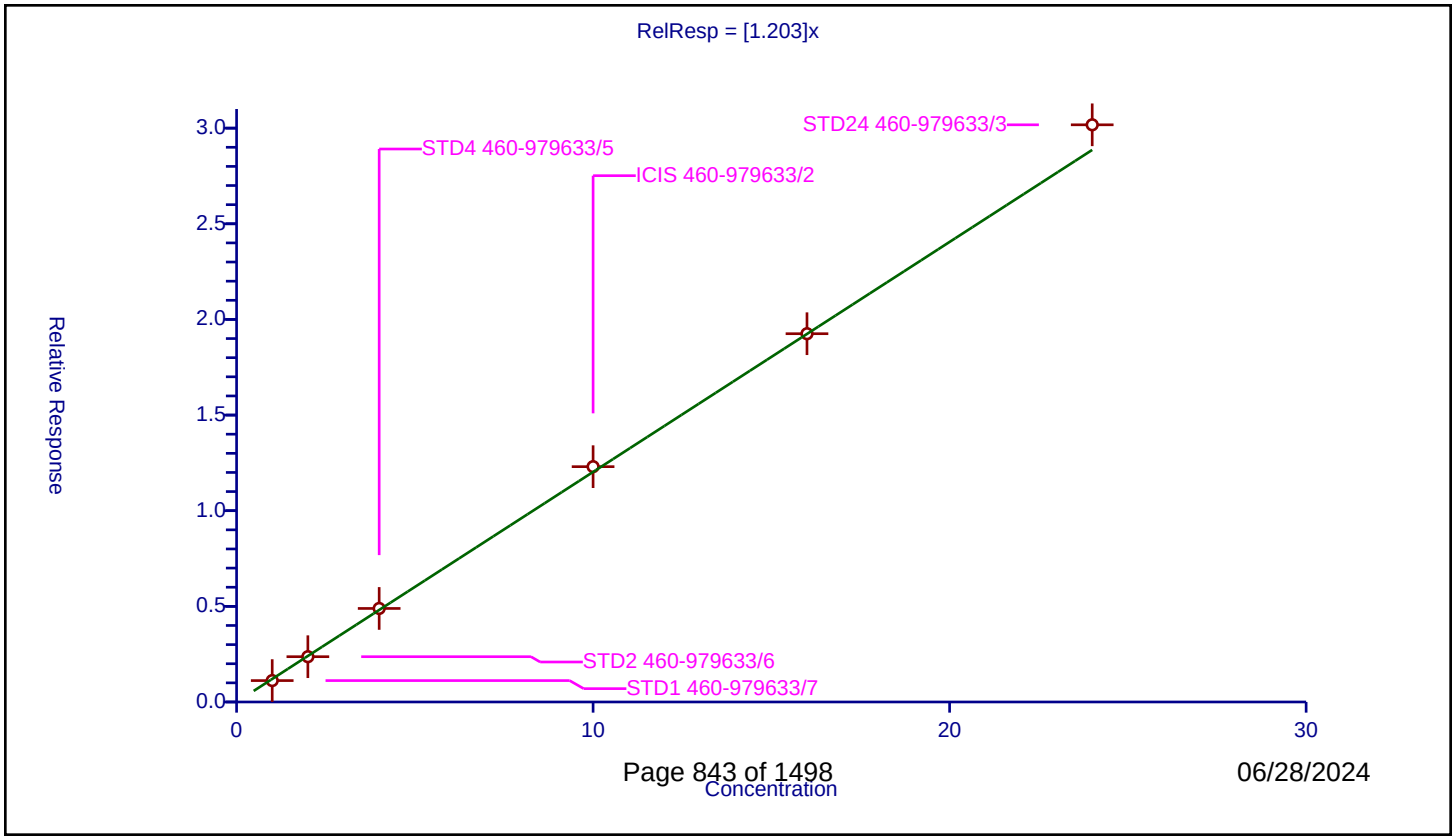
Curve Coefficients

Intercept:	0
Slope:	1.203

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.11827	8.0	275354.0	1.11827	Y
2	STD2 460-979633/6	2.0	2.367463	8.0	273731.0	1.183731	Y
3	STD4 460-979633/5	4.0	4.889903	8.0	289272.0	1.222476	Y
4	ICIS 460-979633/2	10.0	12.302718	8.0	302341.0	1.230272	Y
5	STD16 460-979633/4	16.0	19.253086	8.0	297089.0	1.203318	Y
6	STD24 460-979633/3	24.0	30.174057	8.0	278392.0	1.257252	Y



06/28/2024

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

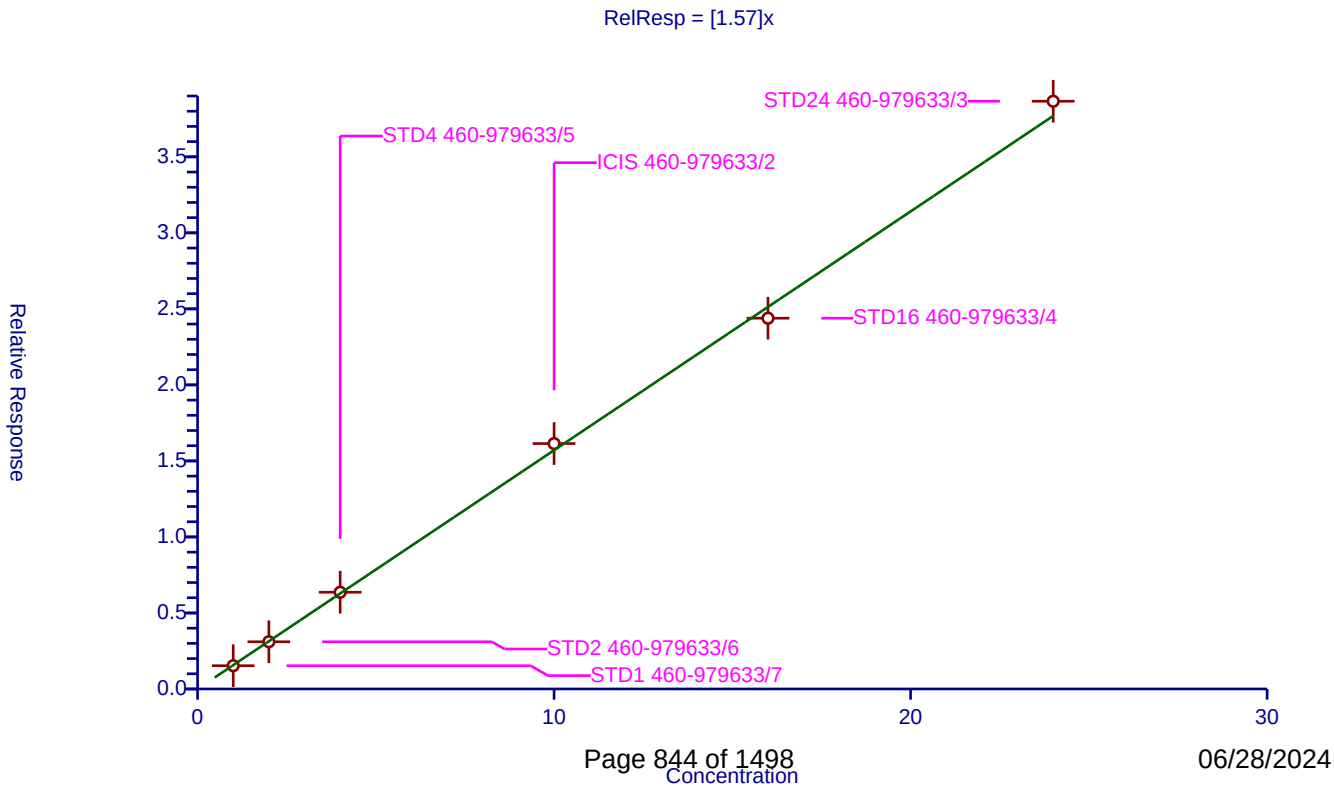
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.530219	8.0	275354.0	1.530219	Y
2	STD2 460-979633/6	2.0	3.105034	8.0	273731.0	1.552517	Y
3	STD4 460-979633/5	4.0	6.363201	8.0	289272.0	1.5908	Y
4	ICIS 460-979633/2	10.0	16.142276	8.0	302341.0	1.614228	Y
5	STD16 460-979633/4	16.0	24.386874	8.0	297089.0	1.52418	Y
6	STD24 460-979633/3	24.0	38.655881	8.0	278392.0	1.610662	Y



06/28/2024

Calibration / N-Methylaniline

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

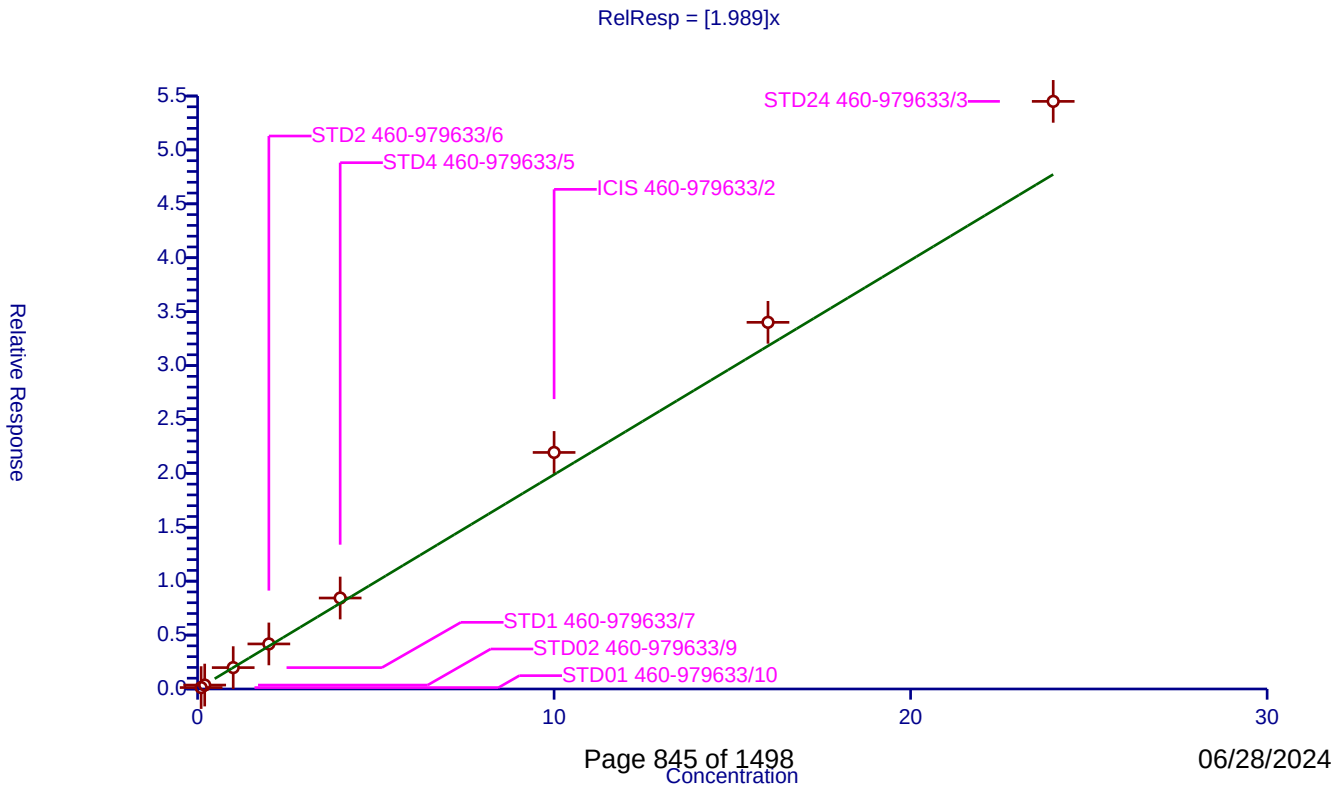
Curve Coefficients

Intercept:	0
Slope:	1.989

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.131068	8.0	282051.0	1.310685	Y
2	STD02 460-979633/9	0.2	0.365309	8.0	284778.0	1.826546	Y
3	STD1 460-979633/7	1.0	1.982873	8.0	275354.0	1.982873	Y
4	STD2 460-979633/6	2.0	4.179402	8.0	273731.0	2.089701	Y
5	STD4 460-979633/5	4.0	8.437097	8.0	289272.0	2.109274	Y
6	ICIS 460-979633/2	10.0	21.941477	8.0	302341.0	2.194148	Y
7	STD16 460-979633/4	16.0	34.007129	8.0	297089.0	2.125446	Y
8	STD24 460-979633/3	24.0	54.50171	8.0	278392.0	2.270905	Y



Calibration / 3 & 4 Methylphenol

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

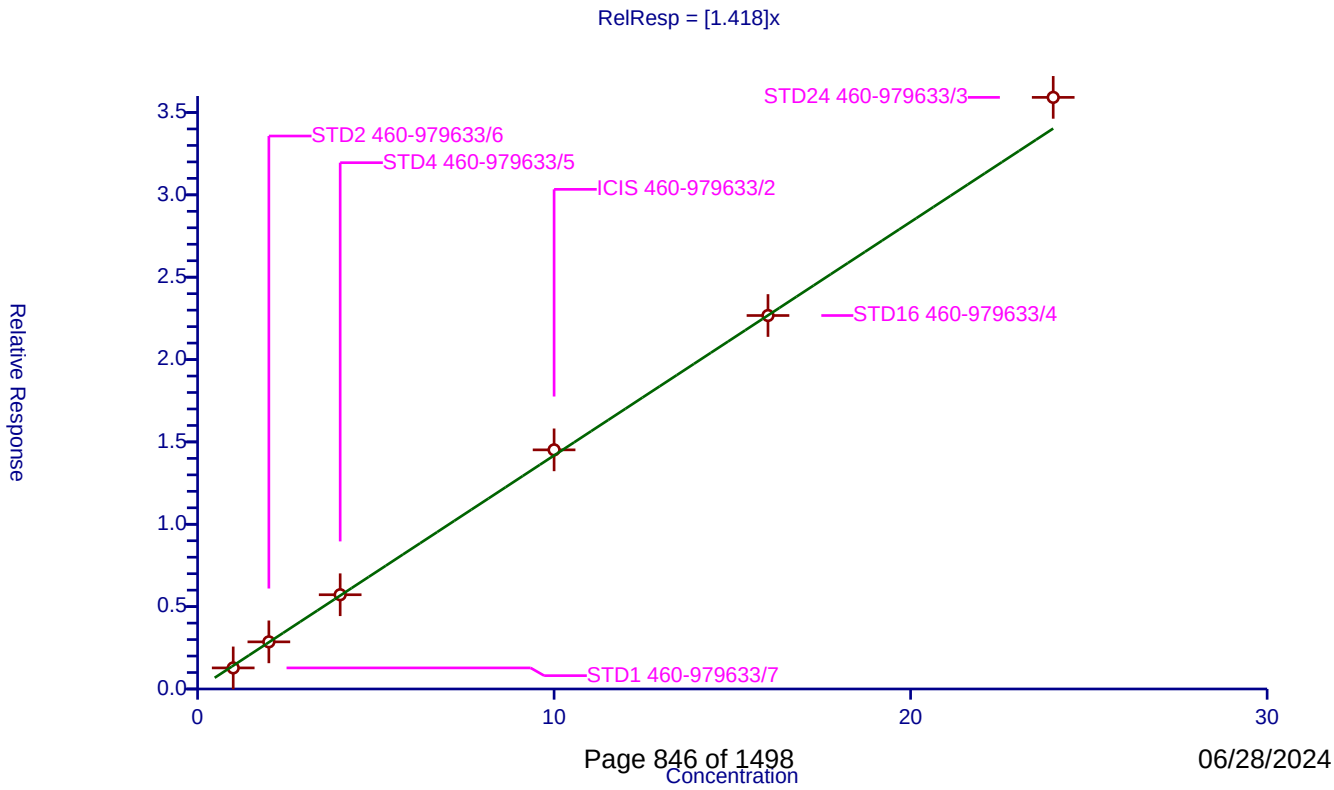
Curve Coefficients

Intercept:	0
Slope:	1.418

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.279807	8.0	275354.0	1.279807	Y
2	STD2 460-979633/6	2.0	2.861349	8.0	273731.0	1.430675	Y
3	STD4 460-979633/5	4.0	5.722614	8.0	289272.0	1.430654	Y
4	ICIS 460-979633/2	10.0	14.5186	8.0	302341.0	1.45186	Y
5	STD16 460-979633/4	16.0	22.673717	8.0	297089.0	1.417107	Y
6	STD24 460-979633/3	24.0	35.917411	8.0	278392.0	1.496559	Y



Calibration / 4-Methylphenol

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

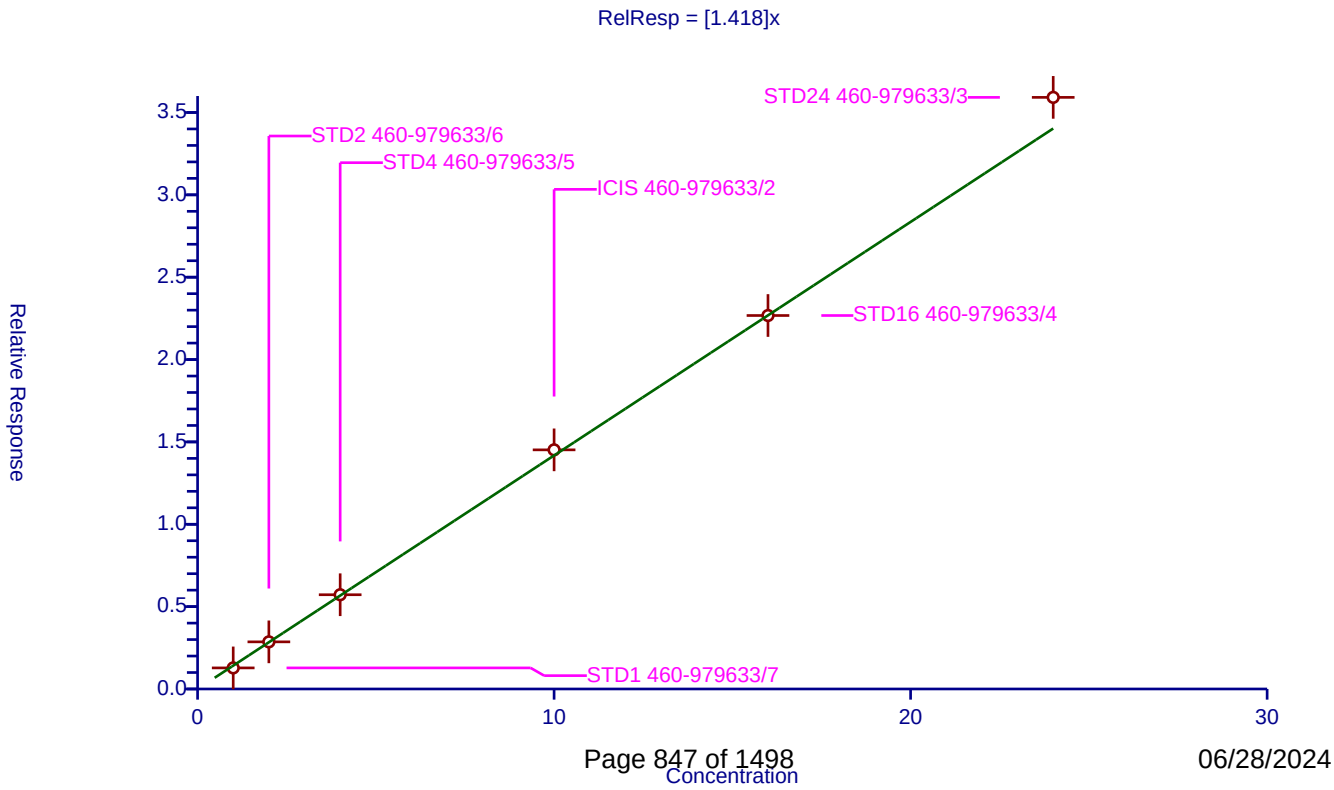
Curve Coefficients

Intercept:	0
Slope:	1.418

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.279807	8.0	275354.0	1.279807	Y
2	STD2 460-979633/6	2.0	2.861349	8.0	273731.0	1.430675	Y
3	STD4 460-979633/5	4.0	5.722614	8.0	289272.0	1.430654	Y
4	ICIS 460-979633/2	10.0	14.5186	8.0	302341.0	1.45186	Y
5	STD16 460-979633/4	16.0	22.673556	8.0	297089.0	1.417097	Y
6	STD24 460-979633/3	24.0	35.91698	8.0	278392.0	1.496541	Y



06/28/2024

Calibration / N-Nitrosodi-n-propylamine

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

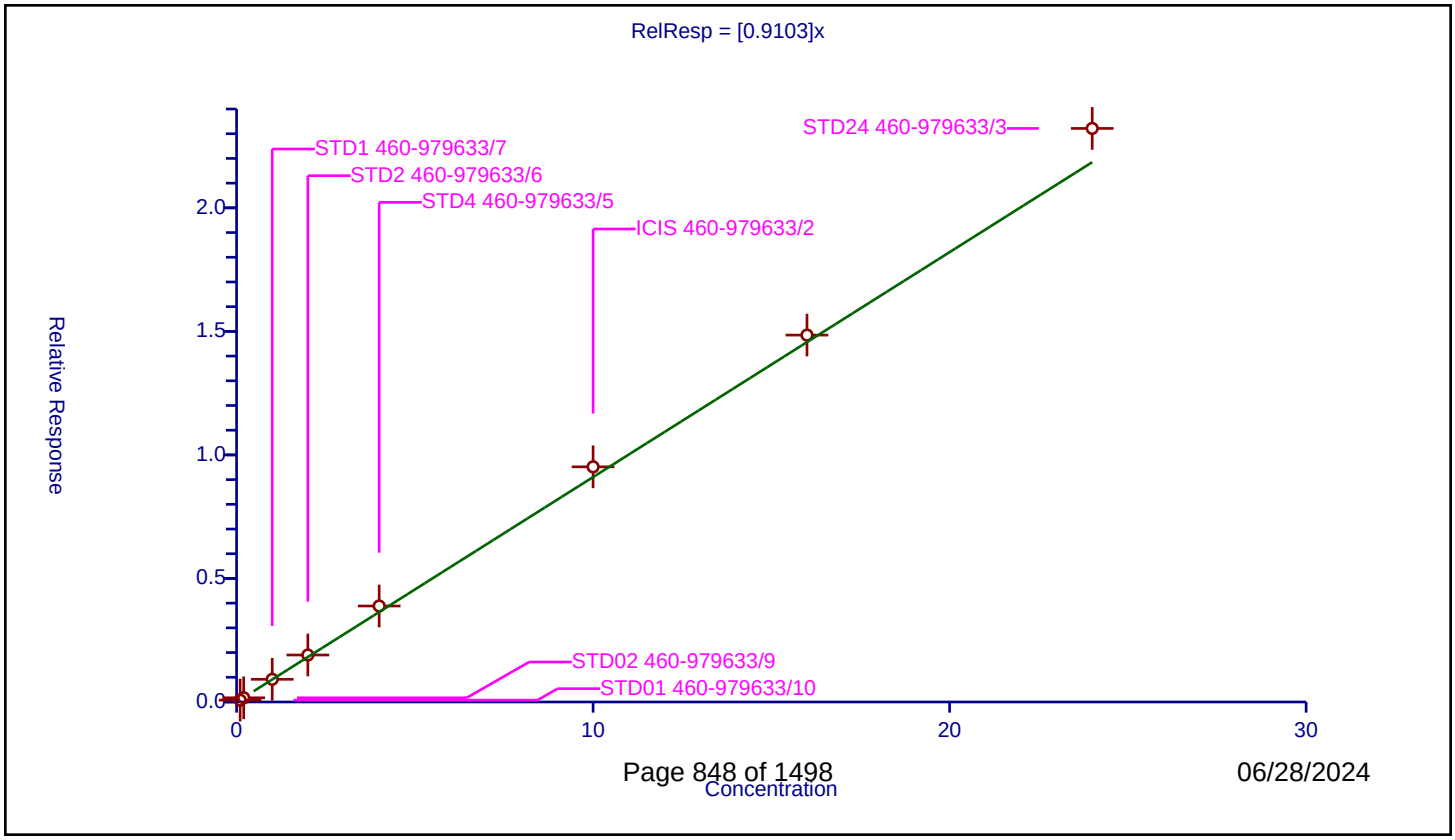
Curve Coefficients

Intercept:	0
Slope:	0.9103

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.074625	8.0	282051.0	0.746248	Y
2	STD02 460-979633/9	0.2	0.169901	8.0	284778.0	0.849504	Y
3	STD1 460-979633/7	1.0	0.917771	8.0	275354.0	0.917771	Y
4	STD2 460-979633/6	2.0	1.901458	8.0	273731.0	0.950729	Y
5	STD4 460-979633/5	4.0	3.884621	8.0	289272.0	0.971155	Y
6	ICIS 460-979633/2	10.0	9.518312	8.0	302341.0	0.951831	Y
7	STD16 460-979633/4	16.0	14.849449	8.0	297089.0	0.928091	Y
8	STD24 460-979633/3	24.0	23.214431	8.0	278392.0	0.967268	Y



06/28/2024

Calibration / Acetophenone

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

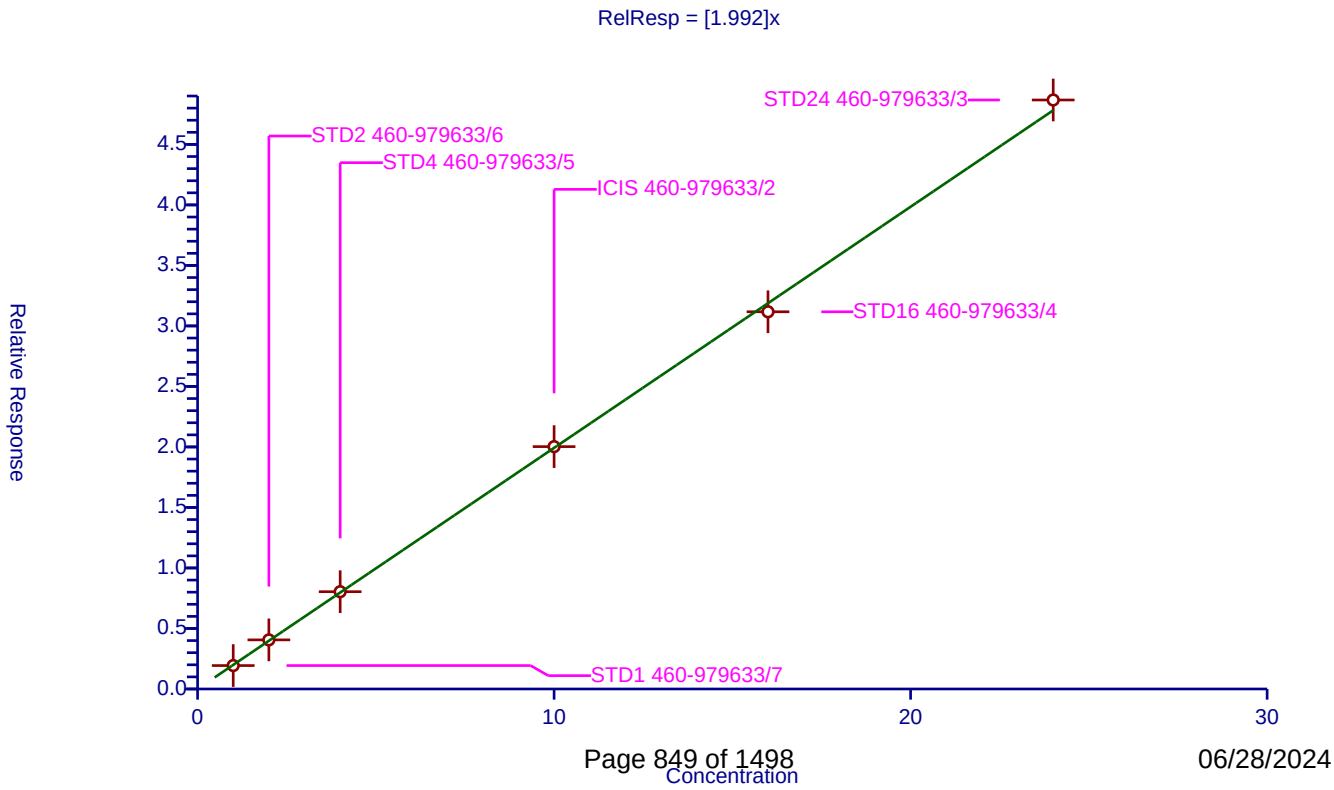
Curve Coefficients

Intercept:	0
Slope:	1.992

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.936039	8.0	275354.0	1.936039	Y
2	STD2 460-979633/6	2.0	4.058992	8.0	273731.0	2.029496	Y
3	STD4 460-979633/5	4.0	8.038718	8.0	289272.0	2.009679	Y
4	ICIS 460-979633/2	10.0	20.027982	8.0	302341.0	2.002798	Y
5	STD16 460-979633/4	16.0	31.171777	8.0	297089.0	1.948236	Y
6	STD24 460-979633/3	24.0	48.670709	8.0	278392.0	2.027946	Y



06/28/2024

Calibration / Hexachloroethane

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

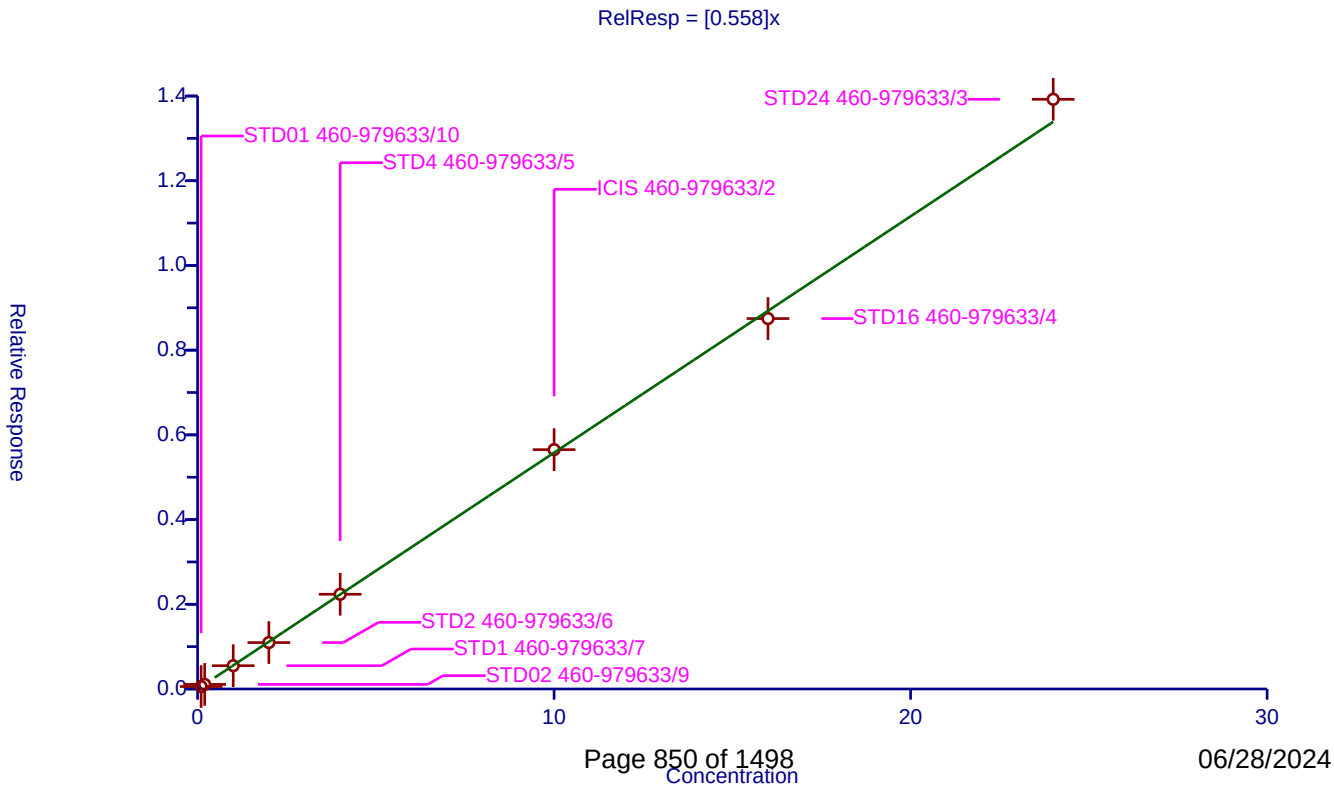
Curve Coefficients

Intercept:	0
Slope:	0.558

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.057295	8.0	282051.0	0.572946	Y
2	STD02 460-979633/9	0.2	0.108435	8.0	284778.0	0.542177	Y
3	STD1 460-979633/7	1.0	0.549634	8.0	275354.0	0.549634	Y
4	STD2 460-979633/6	2.0	1.096025	8.0	273731.0	0.548012	Y
5	STD4 460-979633/5	4.0	2.236317	8.0	289272.0	0.559079	Y
6	ICIS 460-979633/2	10.0	5.651023	8.0	302341.0	0.565102	Y
7	STD16 460-979633/4	16.0	8.745527	8.0	297089.0	0.546595	Y
8	STD24 460-979633/3	24.0	13.922555	8.0	278392.0	0.580106	Y



Calibration / Nitrobenzene-d5

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

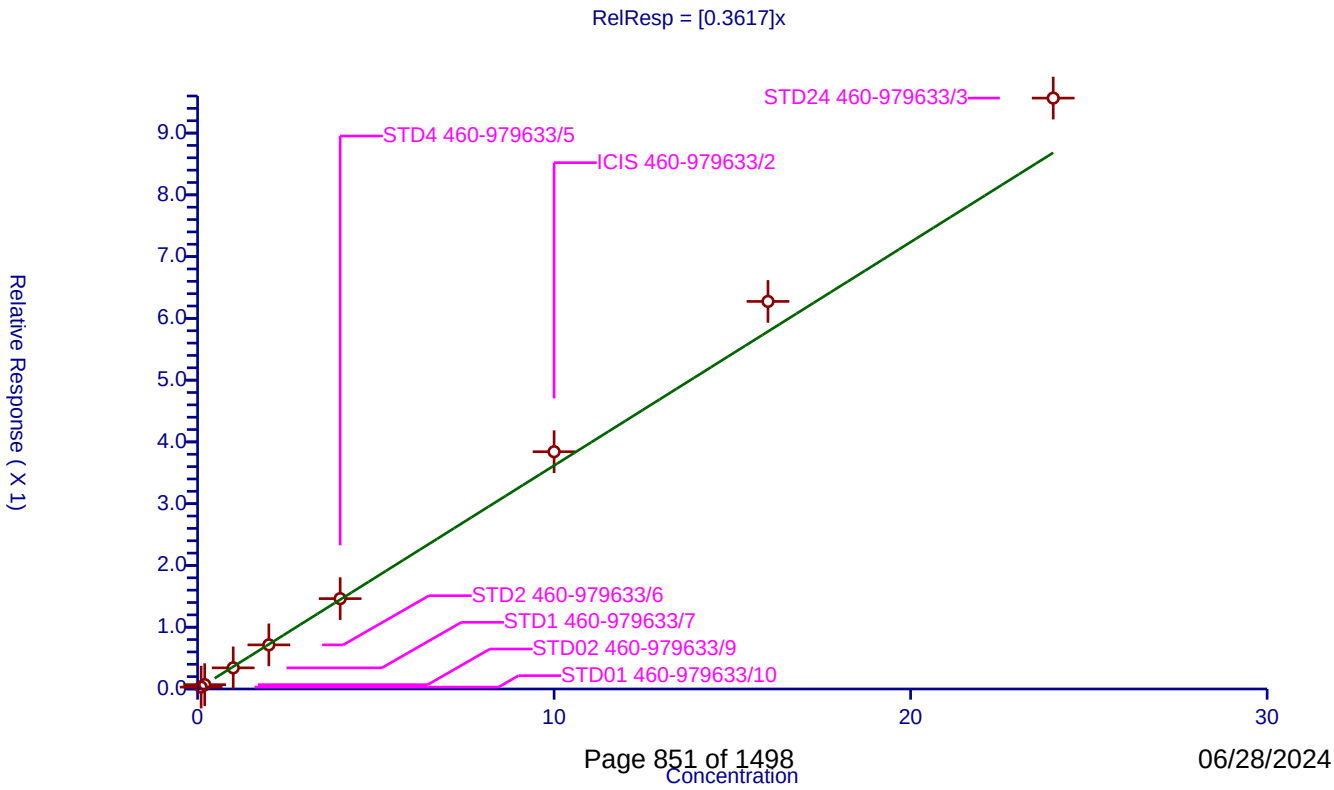
Curve Coefficients

Intercept:	0
Slope:	0.3617

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.03036	8.0	1107509.0	0.3036	Y
2	STD02 460-979633/9	0.2	0.070078	8.0	1129823.0	0.350391	Y
3	STD1 460-979633/7	1.0	0.342241	8.0	1077929.0	0.342241	Y
4	STD2 460-979633/6	2.0	0.714272	8.0	1085267.0	0.357136	Y
5	STD4 460-979633/5	4.0	1.462873	8.0	1127278.0	0.365718	Y
6	ICIS 460-979633/2	10.0	3.841087	8.0	1165924.0	0.384109	Y
7	STD16 460-979633/4	16.0	6.274618	8.0	1138345.0	0.392164	Y
8	STD24 460-979633/3	24.0	9.566121	8.0	1059382.0	0.398588	Y



06/28/2024

Calibration / Nitrobenzene

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

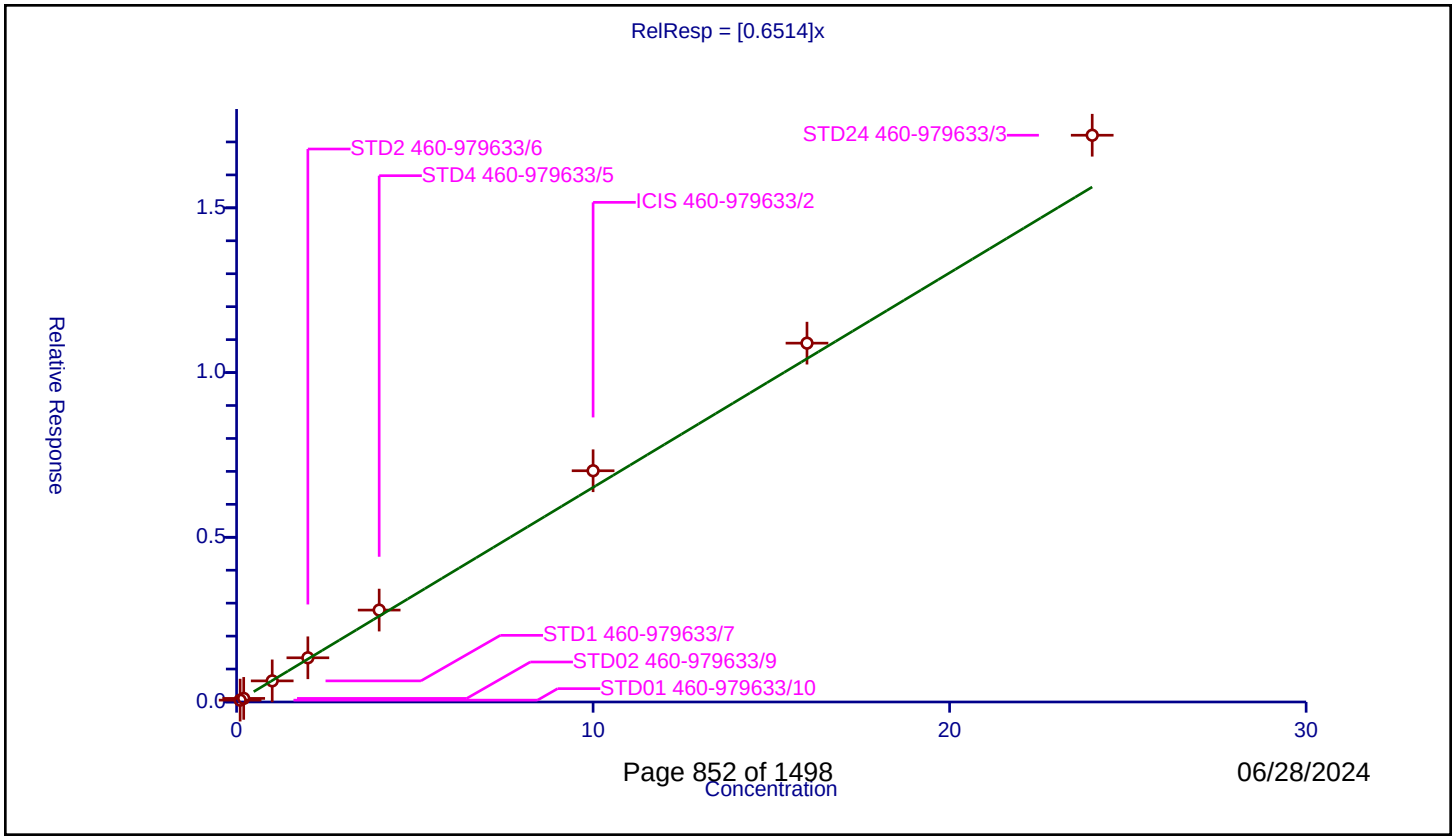
Curve Coefficients

Intercept:	0
Slope:	0.6514

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.055962	8.0	282051.0	0.559615	Y
2	STD02 460-979633/9	0.2	0.108576	8.0	284778.0	0.542879	Y
3	STD1 460-979633/7	1.0	0.640543	8.0	275354.0	0.640543	Y
4	STD2 460-979633/6	2.0	1.341901	8.0	273731.0	0.670951	Y
5	STD4 460-979633/5	4.0	2.790149	8.0	289272.0	0.697537	Y
6	ICIS 460-979633/2	10.0	7.019544	8.0	302341.0	0.701954	Y
7	STD16 460-979633/4	16.0	10.893005	8.0	297089.0	0.680813	Y
8	STD24 460-979633/3	24.0	17.204287	8.0	278392.0	0.716845	Y



06/28/2024

Calibration / n,n'-Dimethylaniline

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

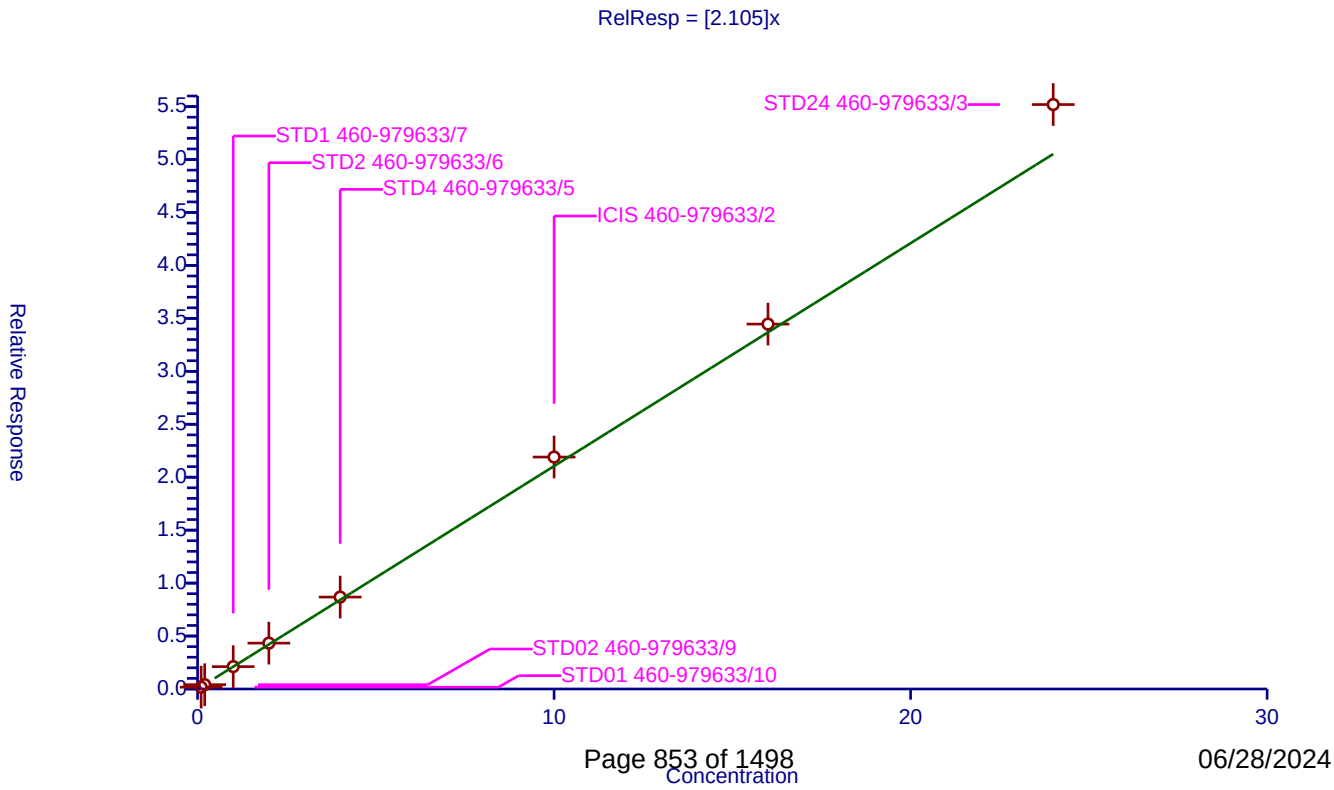
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.171969	8.0	282051.0	1.719689	Y
2	STD02 460-979633/9	0.2	0.405986	8.0	284778.0	2.029932	Y
3	STD1 460-979633/7	1.0	2.111551	8.0	275354.0	2.111551	Y
4	STD2 460-979633/6	2.0	4.331026	8.0	273731.0	2.165513	Y
5	STD4 460-979633/5	4.0	8.678393	8.0	289272.0	2.169598	Y
6	ICIS 460-979633/2	10.0	21.903321	8.0	302341.0	2.190332	Y
7	STD16 460-979633/4	16.0	34.460677	8.0	297089.0	2.153792	Y
8	STD24 460-979633/3	24.0	55.192994	8.0	278392.0	2.299708	Y



06/28/2024

Calibration / Isophorone

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

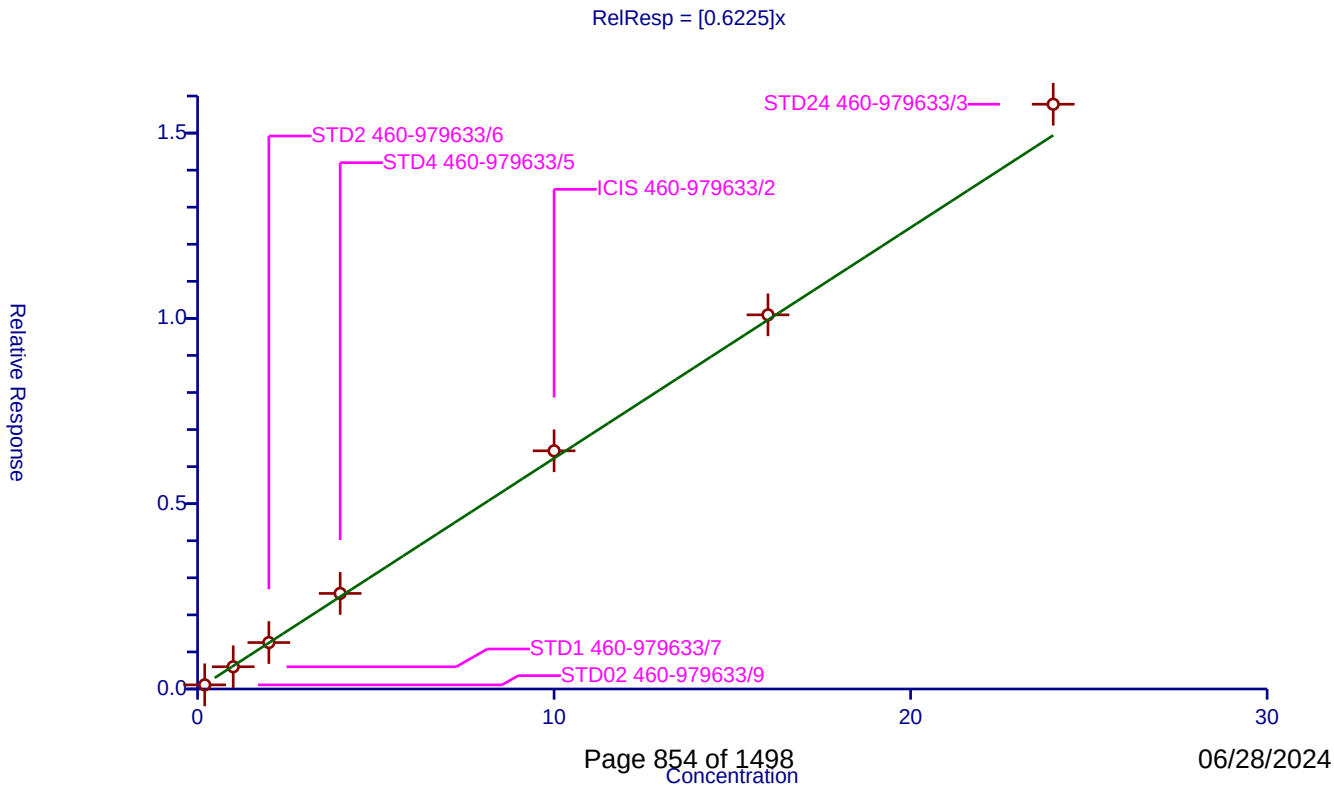
Curve Coefficients

Intercept:	0
Slope:	0.6225

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.11114	8.0	1129823.0	0.555698	Y
2	STD1 460-979633/7	1.0	0.59978	8.0	1077929.0	0.59978	Y
3	STD2 460-979633/6	2.0	1.252735	8.0	1085267.0	0.626368	Y
4	STD4 460-979633/5	4.0	2.578601	8.0	1127278.0	0.64465	Y
5	ICIS 460-979633/2	10.0	6.426313	8.0	1165924.0	0.642631	Y
6	STD16 460-979633/4	16.0	10.095632	8.0	1138345.0	0.630977	Y
7	STD24 460-979633/3	24.0	15.778429	8.0	1059382.0	0.657435	Y



Calibration / 2-Nitrophenol

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

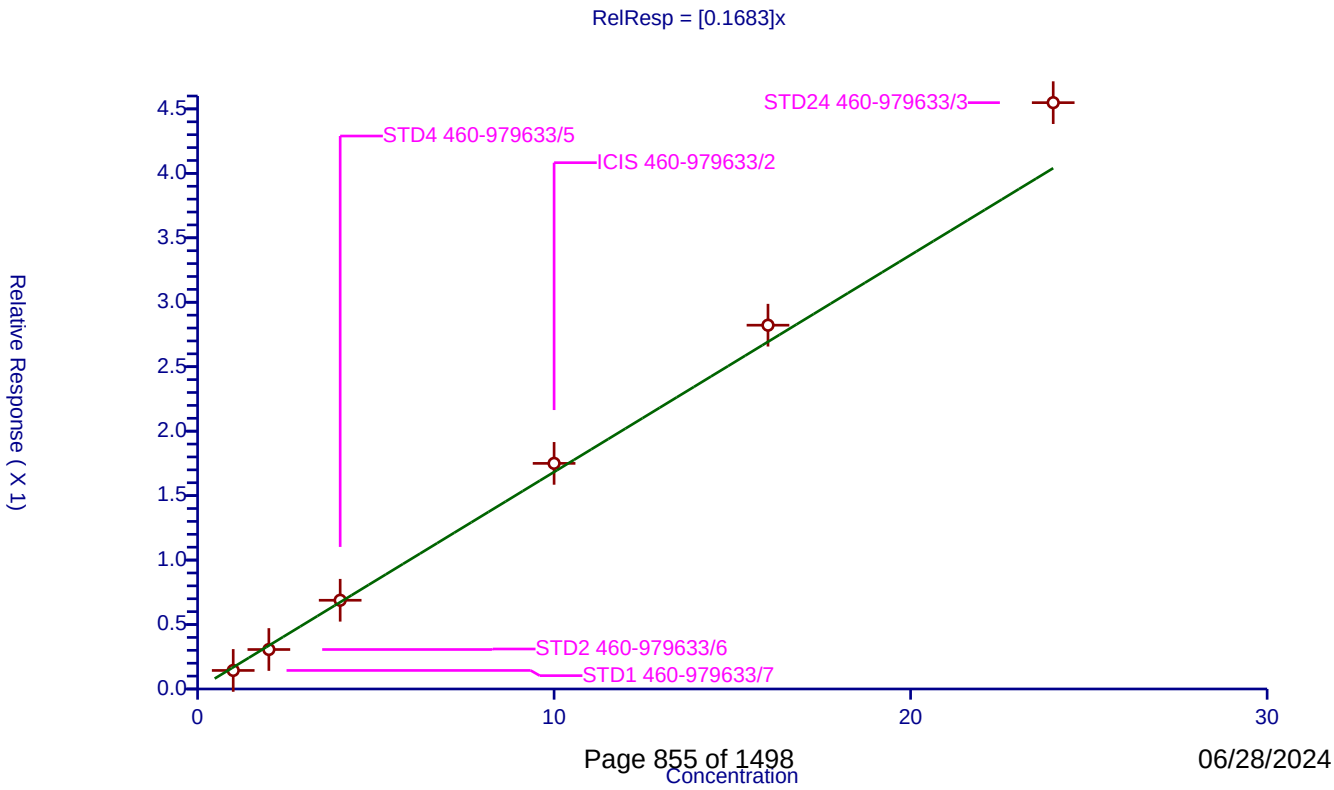
Curve Coefficients

Intercept:	0
Slope:	0.1683

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.143891	8.0	1077929.0	0.143891	Y
2	STD2 460-979633/6	2.0	0.306232	8.0	1085267.0	0.153116	Y
3	STD4 460-979633/5	4.0	0.688434	8.0	1127278.0	0.172108	Y
4	ICIS 460-979633/2	10.0	1.750241	8.0	1165924.0	0.175024	Y
5	STD16 460-979633/4	16.0	2.822231	8.0	1138345.0	0.176389	Y
6	STD24 460-979633/3	24.0	4.548501	8.0	1059382.0	0.189521	Y



Calibration / 2,4-Dimethylphenol

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

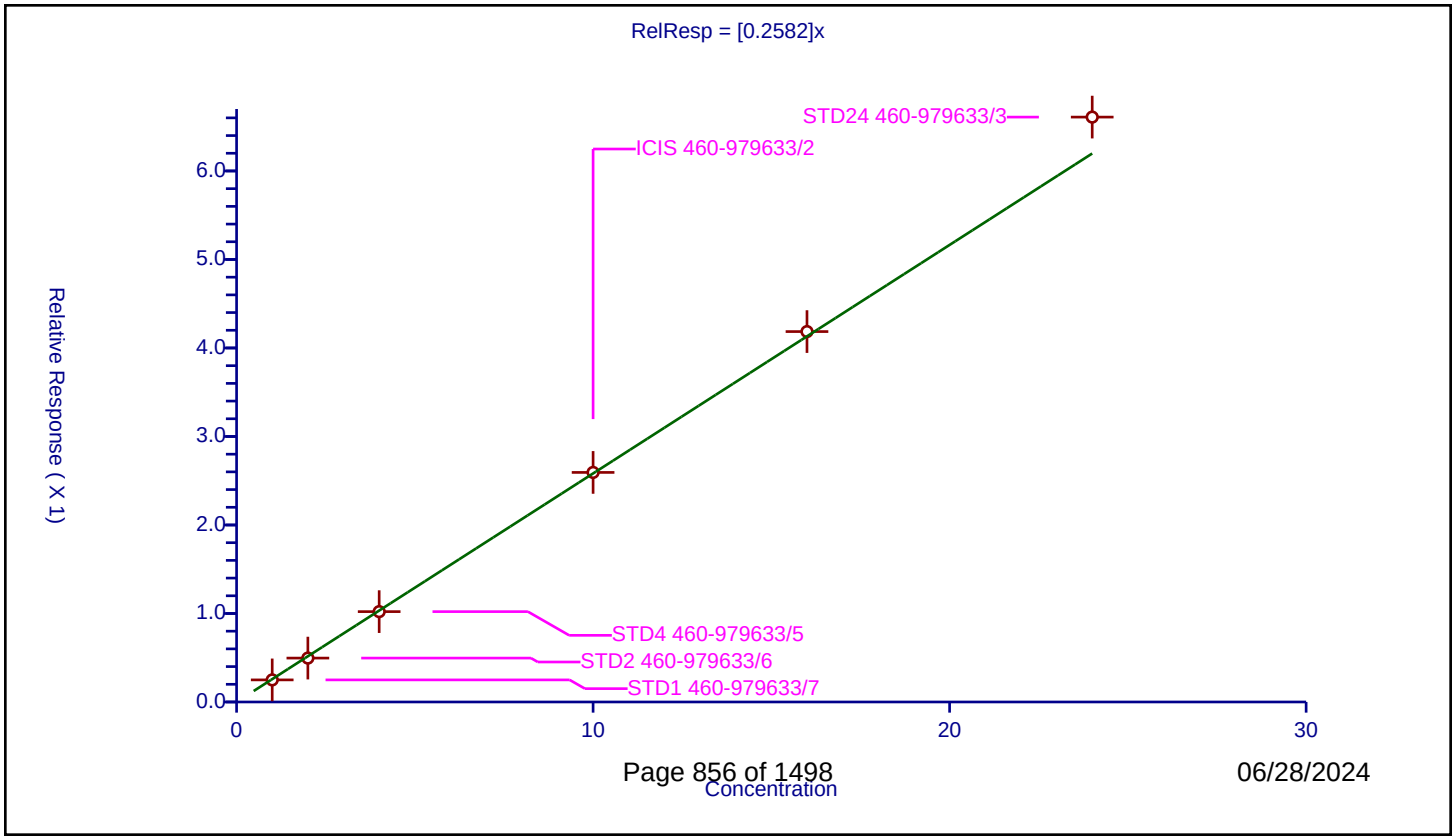
Curve Coefficients

Intercept:	0
Slope:	0.2582

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.249642	8.0	1077929.0	0.249642	Y
2	STD2 460-979633/6	2.0	0.496232	8.0	1085267.0	0.248116	Y
3	STD4 460-979633/5	4.0	1.020958	8.0	1127278.0	0.25524	Y
4	ICIS 460-979633/2	10.0	2.593836	8.0	1165924.0	0.259384	Y
5	STD16 460-979633/4	16.0	4.185381	8.0	1138345.0	0.261586	Y
6	STD24 460-979633/3	24.0	6.608645	8.0	1059382.0	0.27536	Y



Calibration / Benzoic acid

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

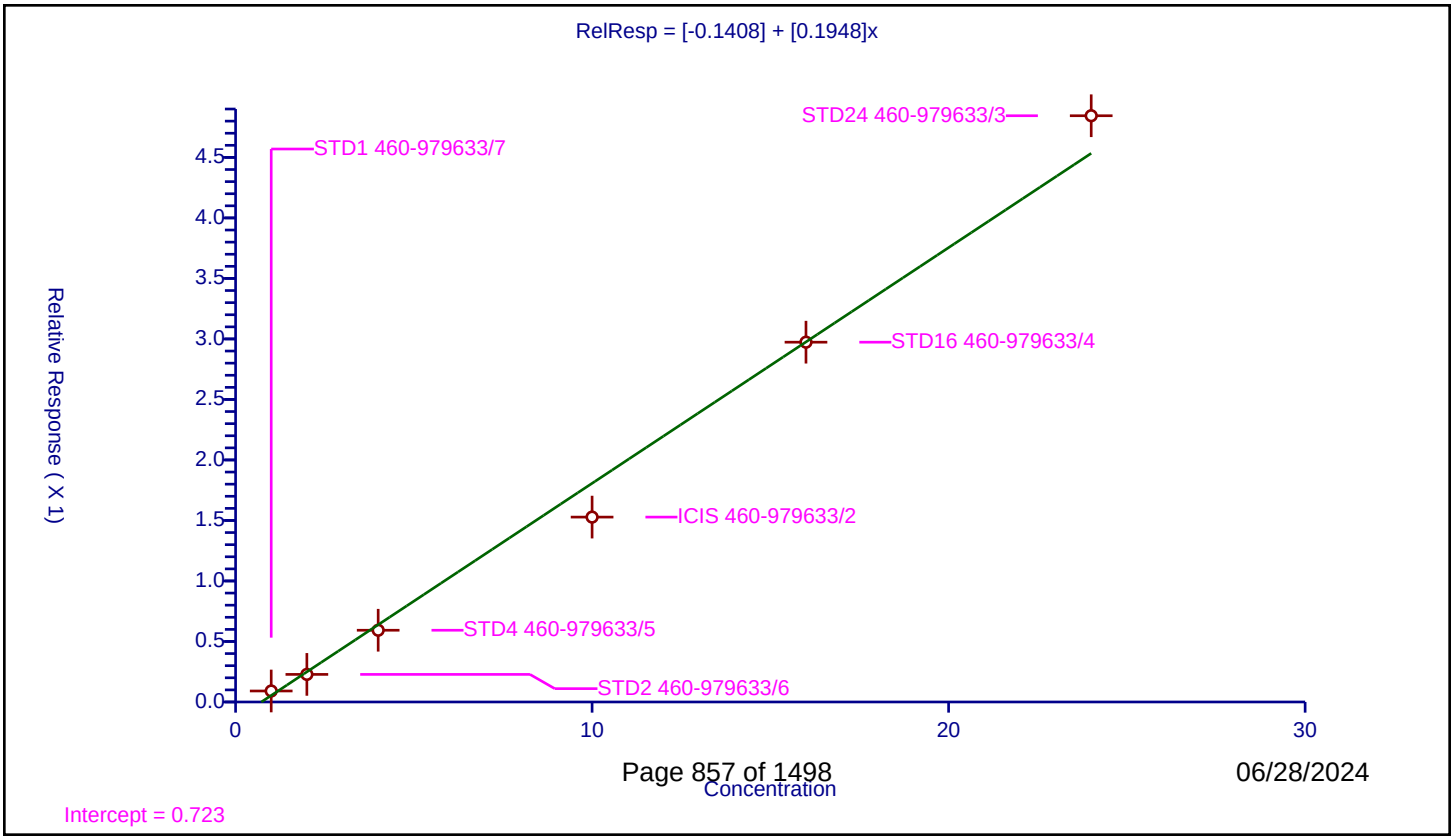
Curve Coefficients

Intercept:	-0.1408
Slope:	0.1948

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.090819	8.0	1077929.0	0.090819	Y
2	STD2 460-979633/6	2.0	0.227955	8.0	1085267.0	0.113977	Y
3	STD4 460-979633/5	4.0	0.592904	8.0	1127278.0	0.148226	Y
4	ICIS 460-979633/2	10.0	1.527846	8.0	1165924.0	0.152785	Y
5	STD16 460-979633/4	16.0	2.973229	8.0	1138345.0	0.185827	Y
6	STD24 460-979633/3	24.0	4.844379	8.0	1059382.0	0.201849	Y



Calibration / Bis(2-chloroethoxy)methane

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

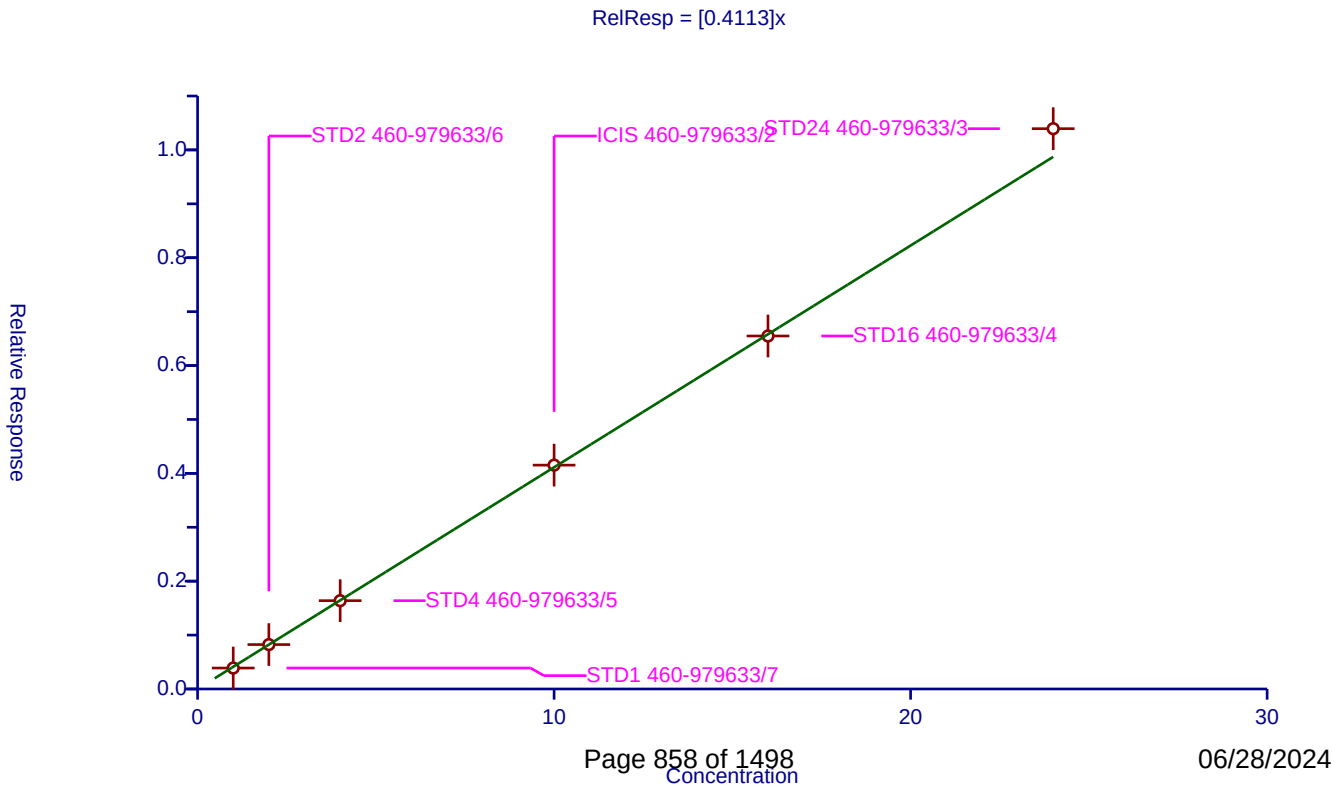
Curve Coefficients

Intercept:	0
Slope:	0.4113

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.388783	8.0	1077929.0	0.388783	Y
2	STD2 460-979633/6	2.0	0.823819	8.0	1085267.0	0.41191	Y
3	STD4 460-979633/5	4.0	1.638077	8.0	1127278.0	0.409519	Y
4	ICIS 460-979633/2	10.0	4.152689	8.0	1165924.0	0.415269	Y
5	STD16 460-979633/4	16.0	6.548285	8.0	1138345.0	0.409268	Y
6	STD24 460-979633/3	24.0	10.393924	8.0	1059382.0	0.43308	Y



Calibration / 2,4-Dichlorophenol

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

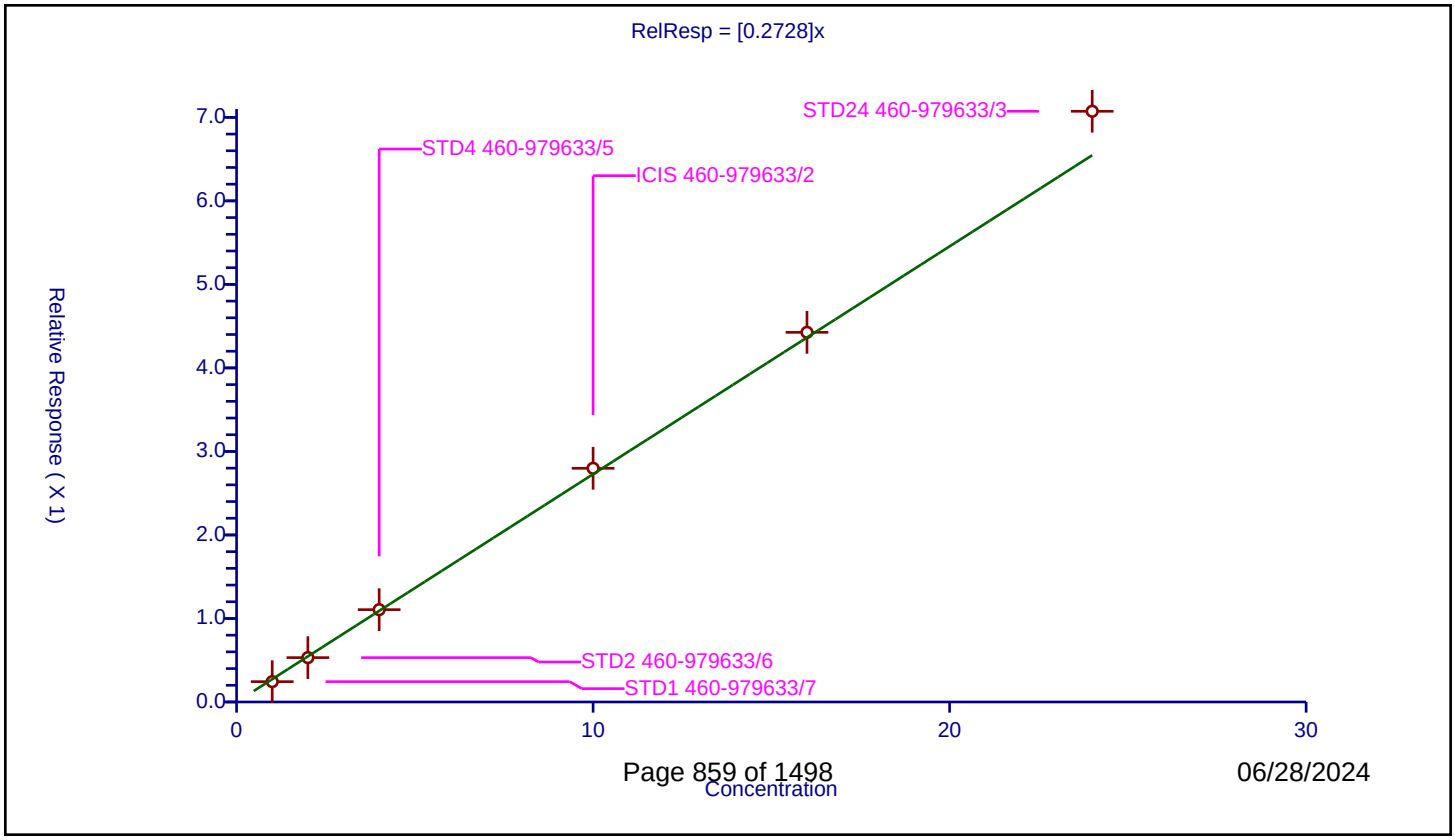
Curve Coefficients

Intercept:	0
Slope:	0.2728

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.243563	8.0	1077929.0	0.243563	Y
2	STD2 460-979633/6	2.0	0.531062	8.0	1085267.0	0.265531	Y
3	STD4 460-979633/5	4.0	1.105488	8.0	1127278.0	0.276372	Y
4	ICIS 460-979633/2	10.0	2.797994	8.0	1165924.0	0.279799	Y
5	STD16 460-979633/4	16.0	4.425913	8.0	1138345.0	0.27662	Y
6	STD24 460-979633/3	24.0	7.072954	8.0	1059382.0	0.294706	Y



Calibration / 1,2,4-Trichlorobenzene

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

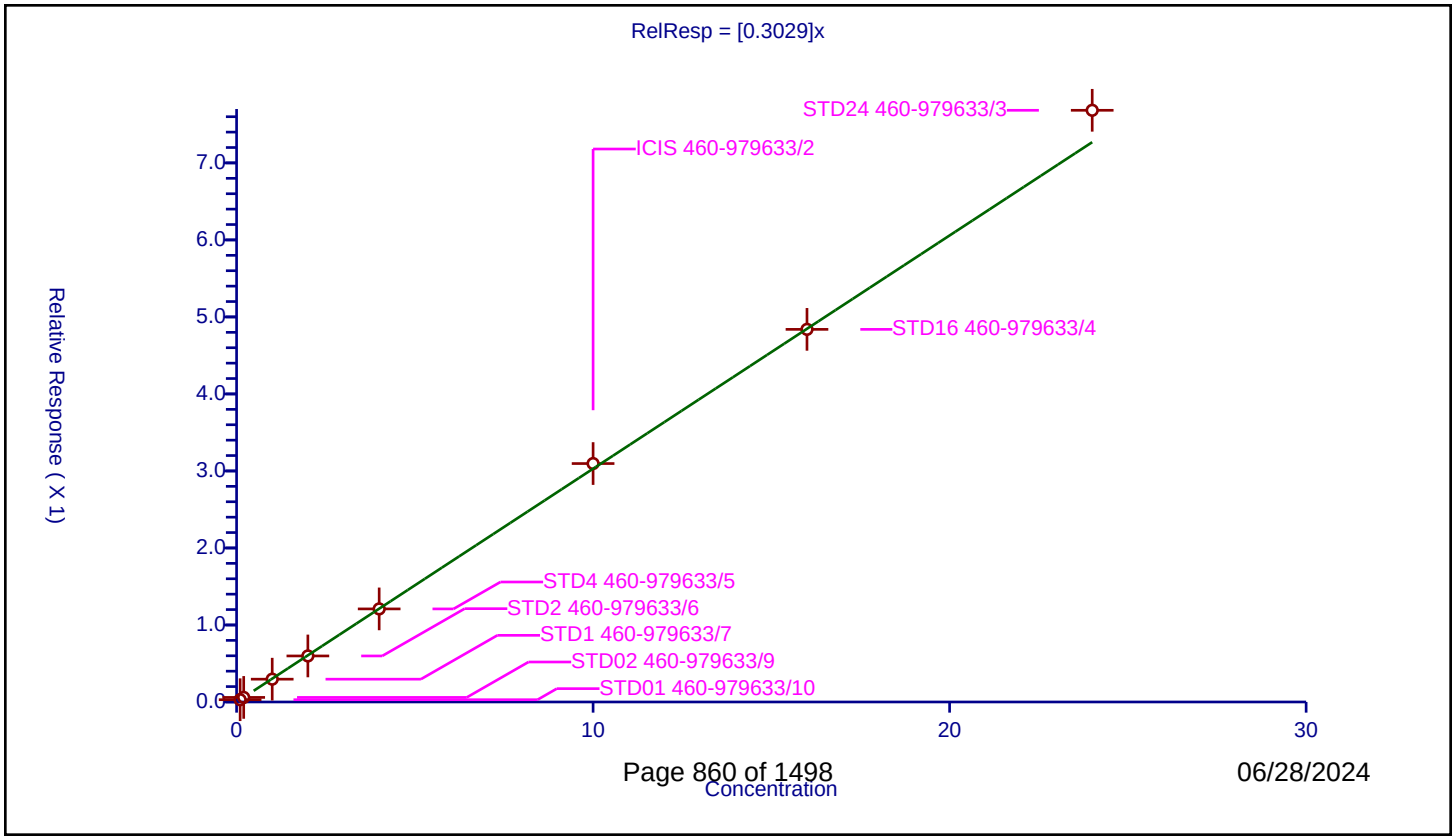
Curve Coefficients

Intercept:	0
Slope:	0.3029

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.029609	8.0	1107509.0	0.296088	Y
2	STD02 460-979633/9	0.2	0.059485	8.0	1129823.0	0.297427	Y
3	STD1 460-979633/7	1.0	0.296346	8.0	1077929.0	0.296346	Y
4	STD2 460-979633/6	2.0	0.597906	8.0	1085267.0	0.298953	Y
5	STD4 460-979633/5	4.0	1.20861	8.0	1127278.0	0.302153	Y
6	ICIS 460-979633/2	10.0	3.096195	8.0	1165924.0	0.309619	Y
7	STD16 460-979633/4	16.0	4.83861	8.0	1138345.0	0.302413	Y
8	STD24 460-979633/3	24.0	7.683204	8.0	1059382.0	0.320133	Y



Calibration / Naphthalene

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

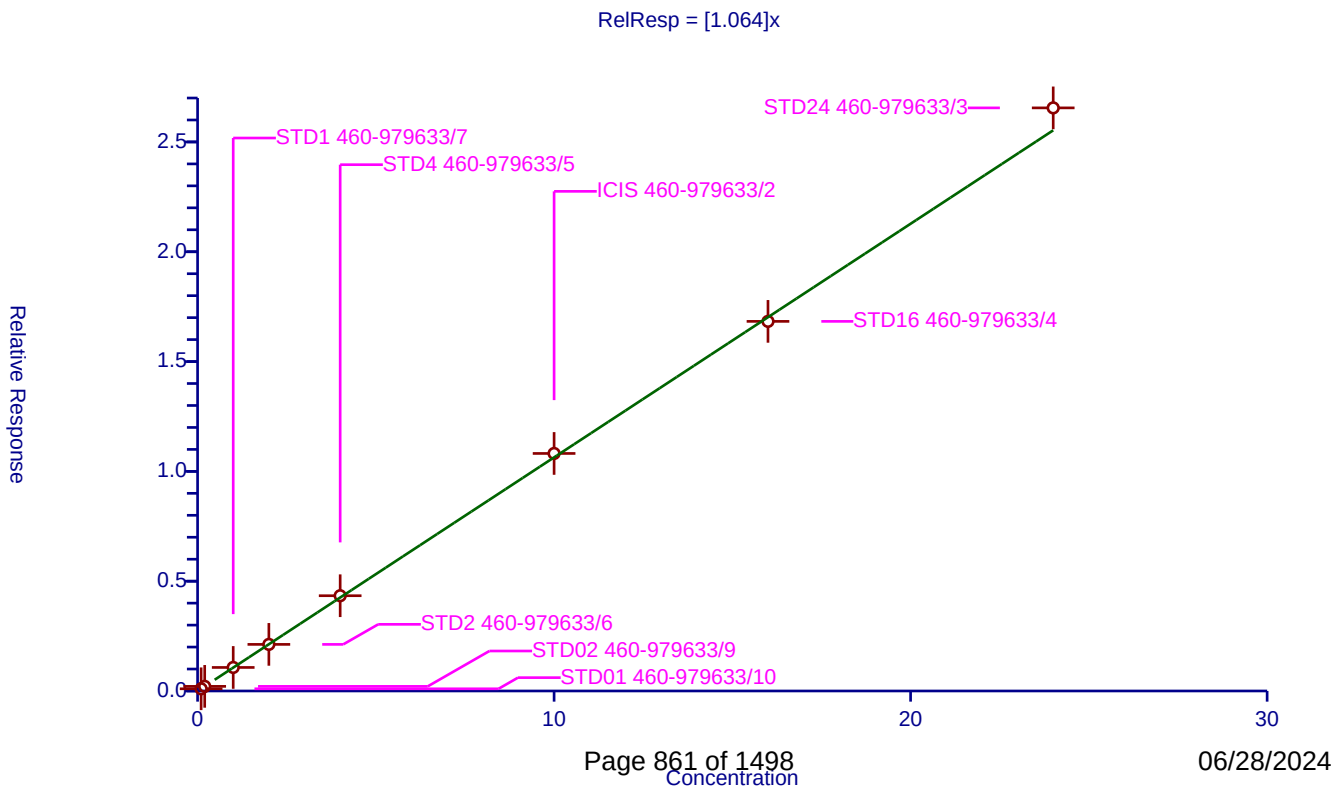
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.099972	8.0	1107509.0	0.999721	Y
2	STD02 460-979633/9	0.2	0.210638	8.0	1129823.0	1.053192	Y
3	STD1 460-979633/7	1.0	1.071848	8.0	1077929.0	1.071848	Y
4	STD2 460-979633/6	2.0	2.122073	8.0	1085267.0	1.061037	Y
5	STD4 460-979633/5	4.0	4.337273	8.0	1127278.0	1.084318	Y
6	ICIS 460-979633/2	10.0	10.81536	8.0	1165924.0	1.081536	Y
7	STD16 460-979633/4	16.0	16.830286	8.0	1138345.0	1.051893	Y
8	STD24 460-979633/3	24.0	26.550393	8.0	1059382.0	1.106266	Y



Calibration / 4-Chloroaniline

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

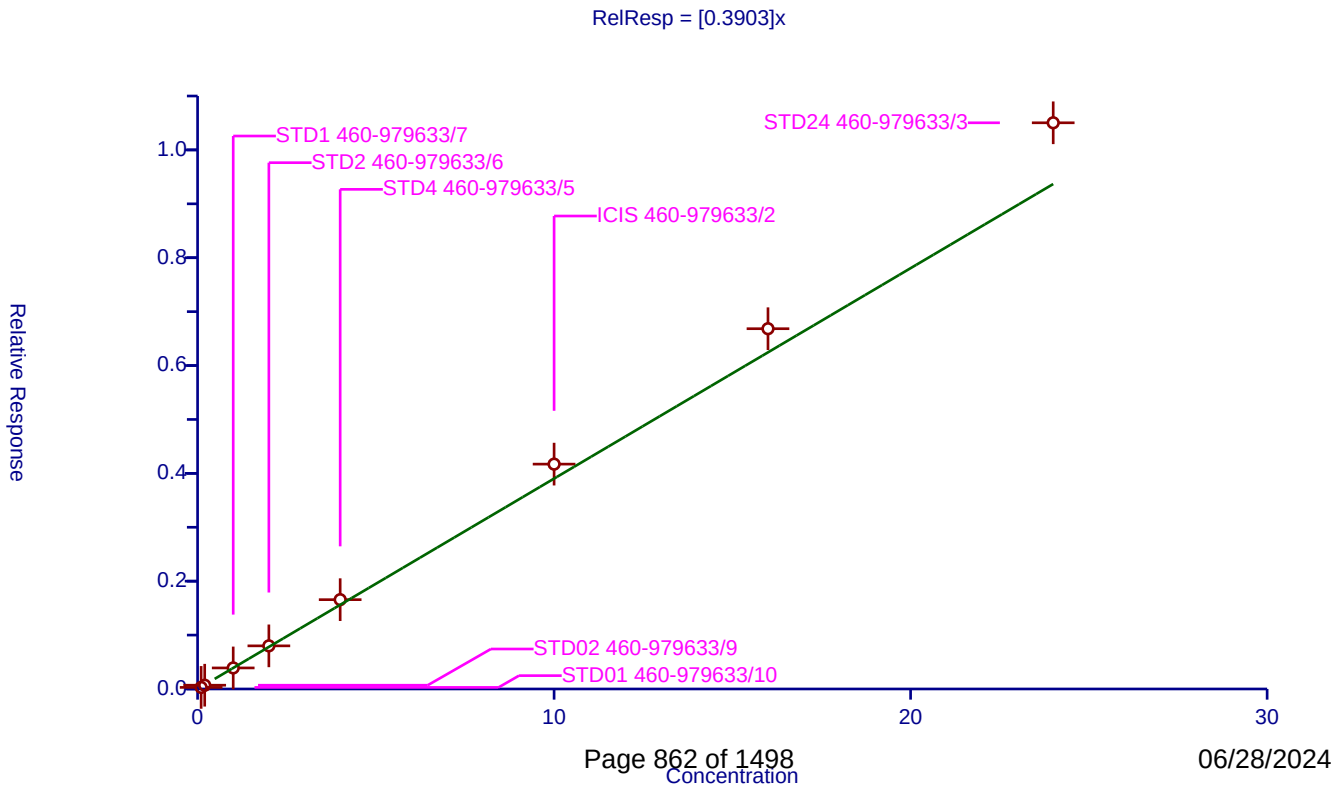
Curve Coefficients

Intercept:	0
Slope:	0.3903

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.029565	8.0	1107509.0	0.295654	Y
2	STD02 460-979633/9	0.2	0.06983	8.0	1129823.0	0.349152	Y
3	STD1 460-979633/7	1.0	0.390727	8.0	1077929.0	0.390727	Y
4	STD2 460-979633/6	2.0	0.800378	8.0	1085267.0	0.400189	Y
5	STD4 460-979633/5	4.0	1.656841	8.0	1127278.0	0.41421	Y
6	ICIS 460-979633/2	10.0	4.171208	8.0	1165924.0	0.417121	Y
7	STD16 460-979633/4	16.0	6.683584	8.0	1138345.0	0.417724	Y
8	STD24 460-979633/3	24.0	10.503558	8.0	1059382.0	0.437648	Y



Calibration / 2,6-Dichlorophenol

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

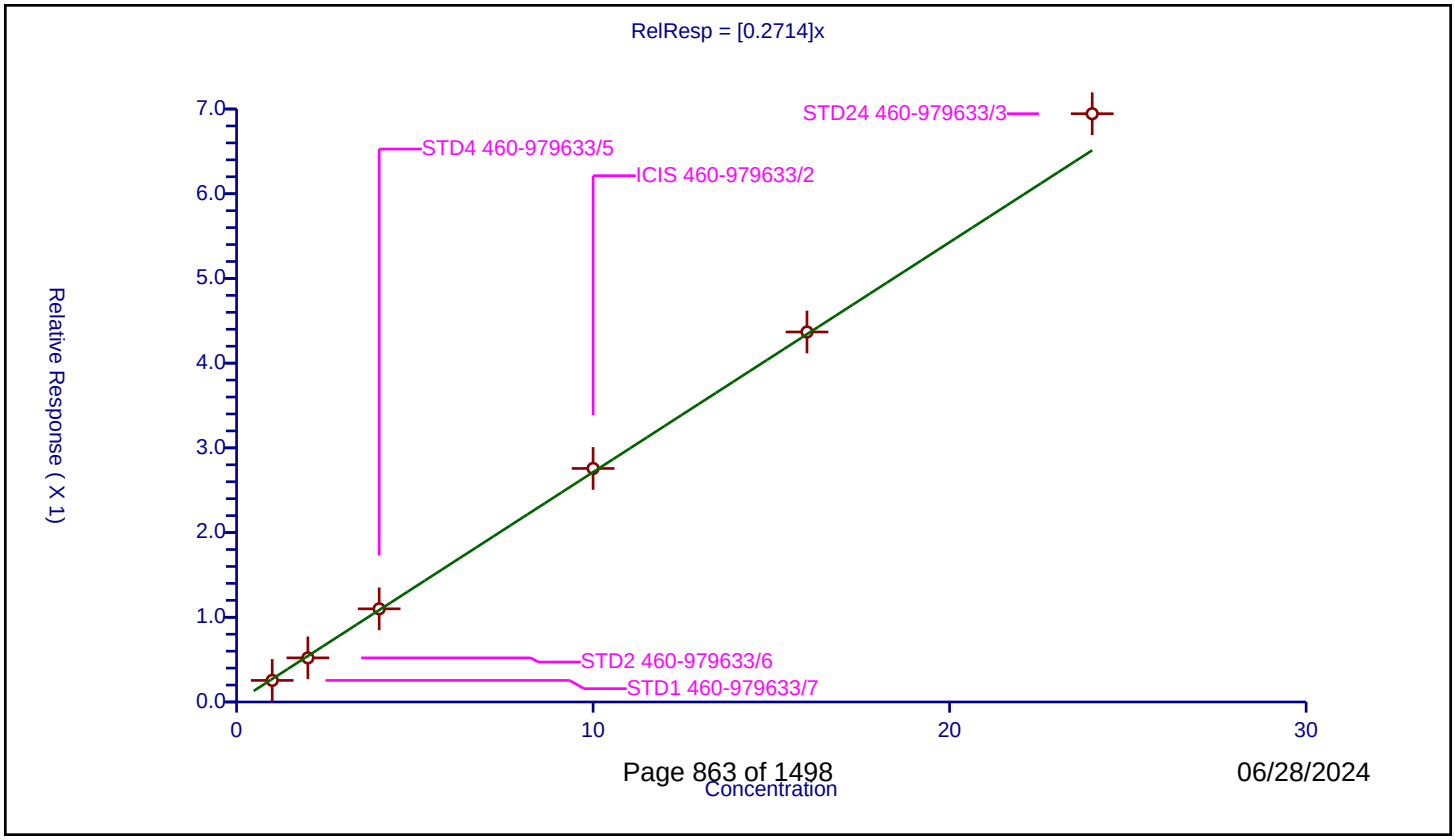
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.254874	8.0	1077929.0	0.254874	Y
2	STD2 460-979633/6	2.0	0.52069	8.0	1085267.0	0.260345	Y
3	STD4 460-979633/5	4.0	1.099661	8.0	1127278.0	0.274915	Y
4	ICIS 460-979633/2	10.0	2.756921	8.0	1165924.0	0.275692	Y
5	STD16 460-979633/4	16.0	4.367997	8.0	1138345.0	0.273	Y
6	STD24 460-979633/3	24.0	6.944743	8.0	1059382.0	0.289364	Y



Calibration / Hexachlorobutadiene

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

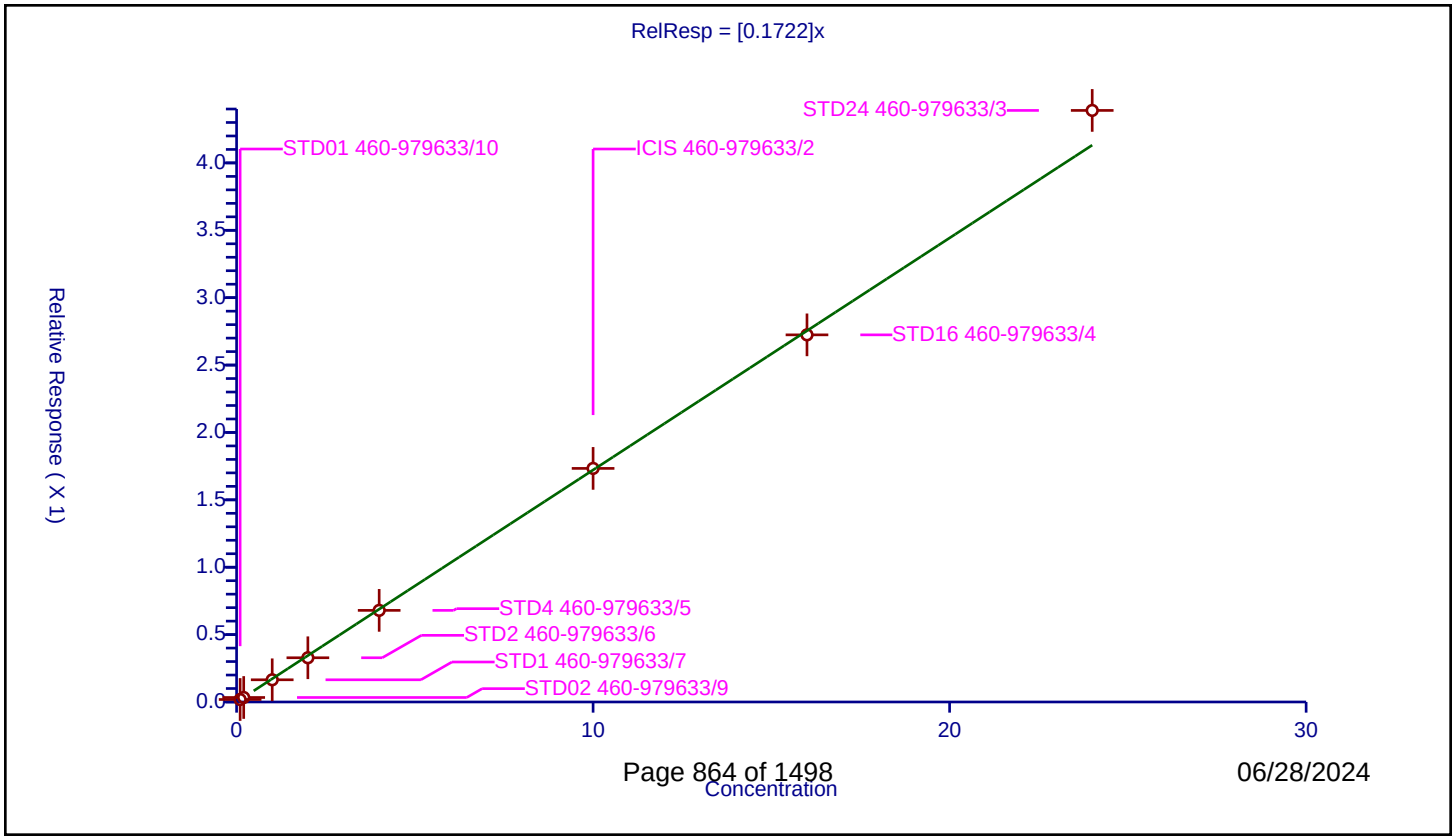
Curve Coefficients

Intercept:	0
Slope:	0.1722

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.018492	8.0	1107509.0	0.184919	Y
2	STD02 460-979633/9	0.2	0.033421	8.0	1129823.0	0.167106	Y
3	STD1 460-979633/7	1.0	0.164775	8.0	1077929.0	0.164775	Y
4	STD2 460-979633/6	2.0	0.328111	8.0	1085267.0	0.164055	Y
5	STD4 460-979633/5	4.0	0.679846	8.0	1127278.0	0.169962	Y
6	ICIS 460-979633/2	10.0	1.733183	8.0	1165924.0	0.173318	Y
7	STD16 460-979633/4	16.0	2.724137	8.0	1138345.0	0.170259	Y
8	STD24 460-979633/3	24.0	4.389601	8.0	1059382.0	0.1829	Y



Calibration / Caprolactam

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

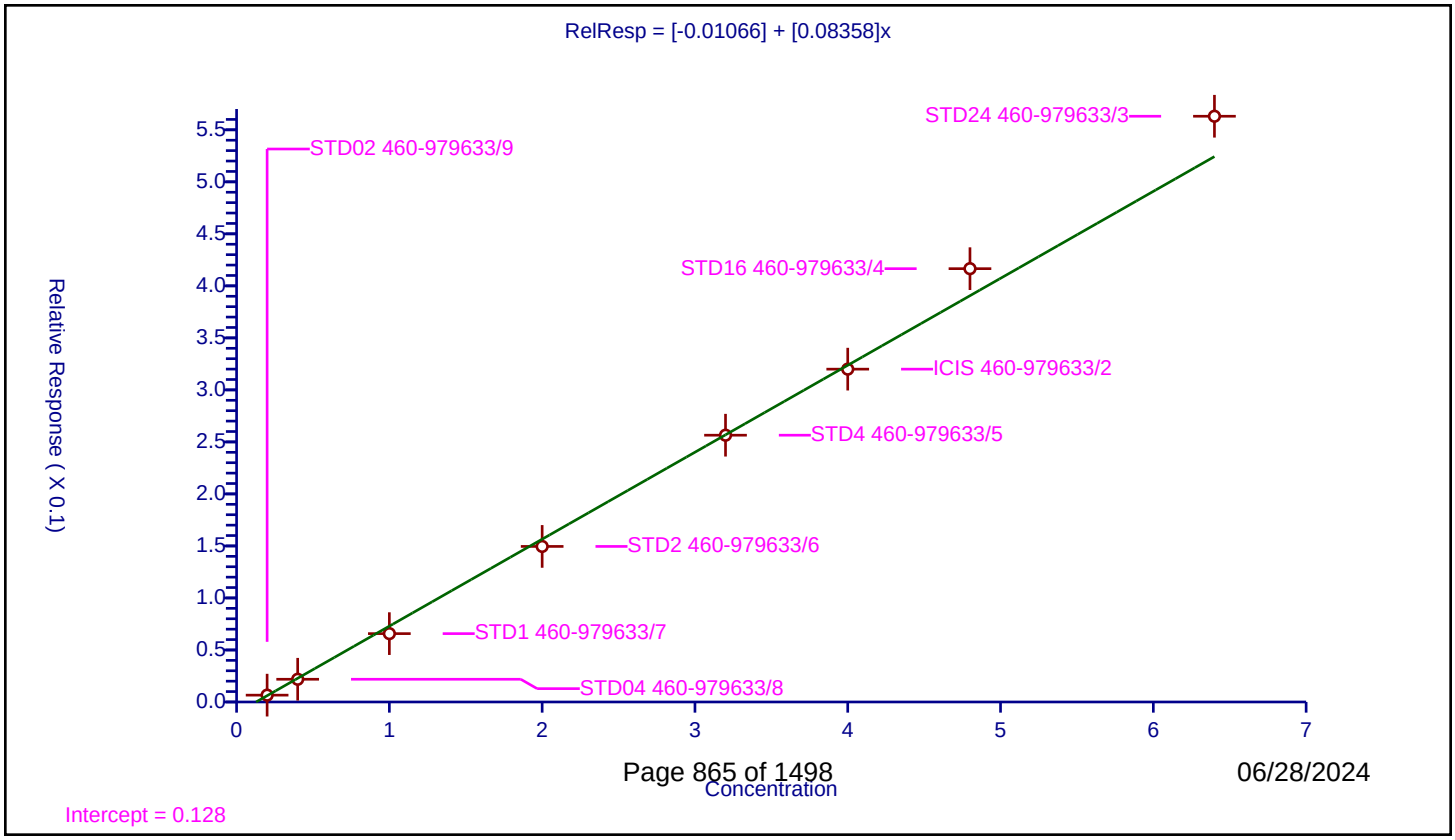
Curve Coefficients

Intercept:	-0.01066
Slope:	0.08358

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.006571	8.0	1129823.0	0.032855	Y
2	STD04 460-979633/8	0.4	0.02184	8.0	1078403.0	0.054599	Y
3	STD1 460-979633/7	1.0	0.065711	8.0	1077929.0	0.065711	Y
4	STD2 460-979633/6	2.0	0.14953	8.0	1085267.0	0.074765	Y
5	STD4 460-979633/5	3.2	0.256441	8.0	1127278.0	0.080138	Y
6	ICIS 460-979633/2	4.0	0.319939	8.0	1165924.0	0.079985	Y
7	STD16 460-979633/4	4.8	0.416542	8.0	1138345.0	0.086779	Y
8	STD24 460-979633/3	6.4	0.563053	8.0	1059382.0	0.087977	Y



Calibration / 4-Chloro-3-methylphenol

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

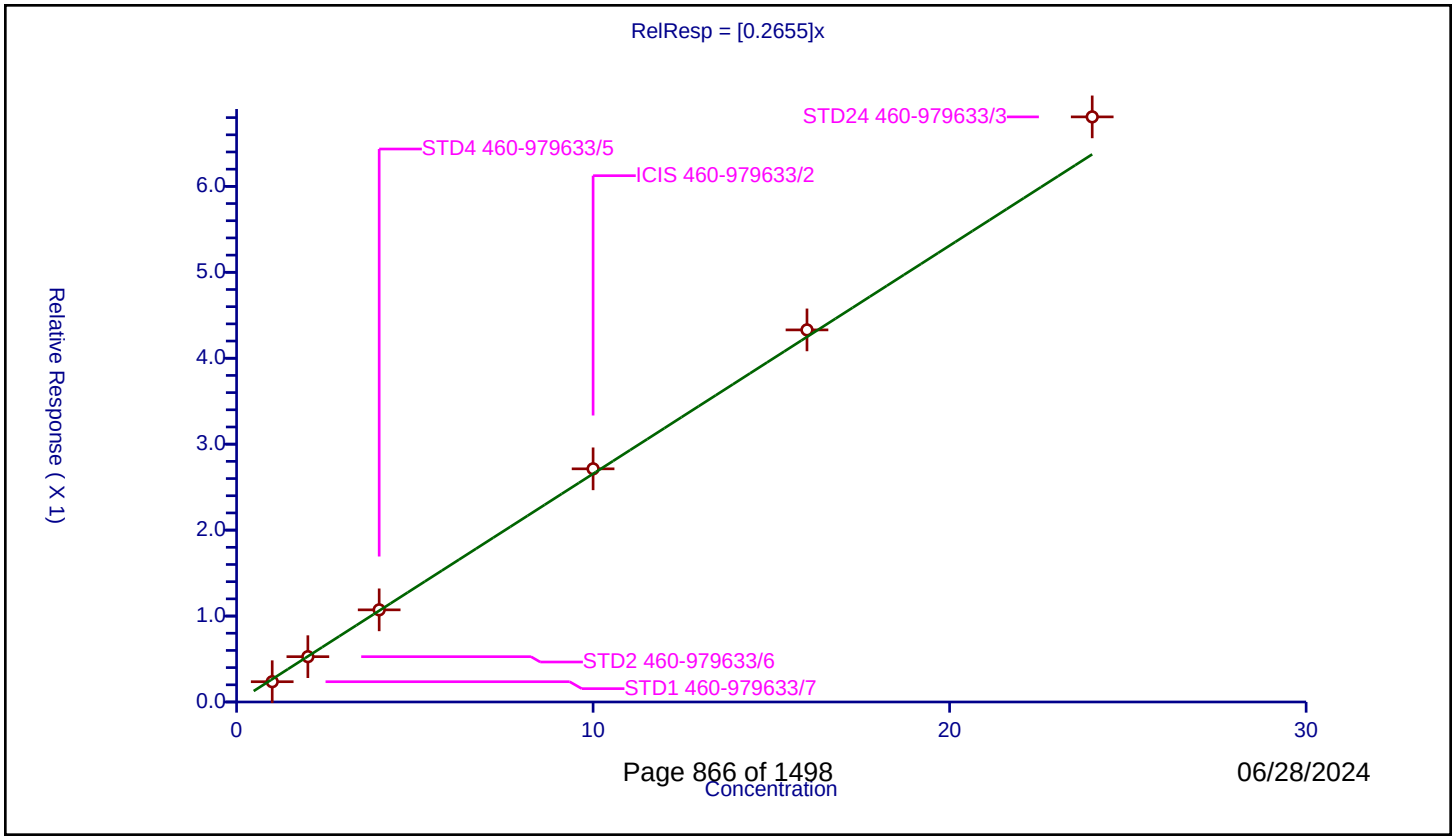
Curve Coefficients

Intercept:	0
Slope:	0.2655

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.235875	8.0	1077929.0	0.235875	Y
2	STD2 460-979633/6	2.0	0.527258	8.0	1085267.0	0.263629	Y
3	STD4 460-979633/5	4.0	1.072275	8.0	1127278.0	0.268069	Y
4	ICIS 460-979633/2	10.0	2.713137	8.0	1165924.0	0.271314	Y
5	STD16 460-979633/4	16.0	4.329921	8.0	1138345.0	0.27062	Y
6	STD24 460-979633/3	24.0	6.808483	8.0	1059382.0	0.283687	Y



Calibration / 2-Methylnaphthalene

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

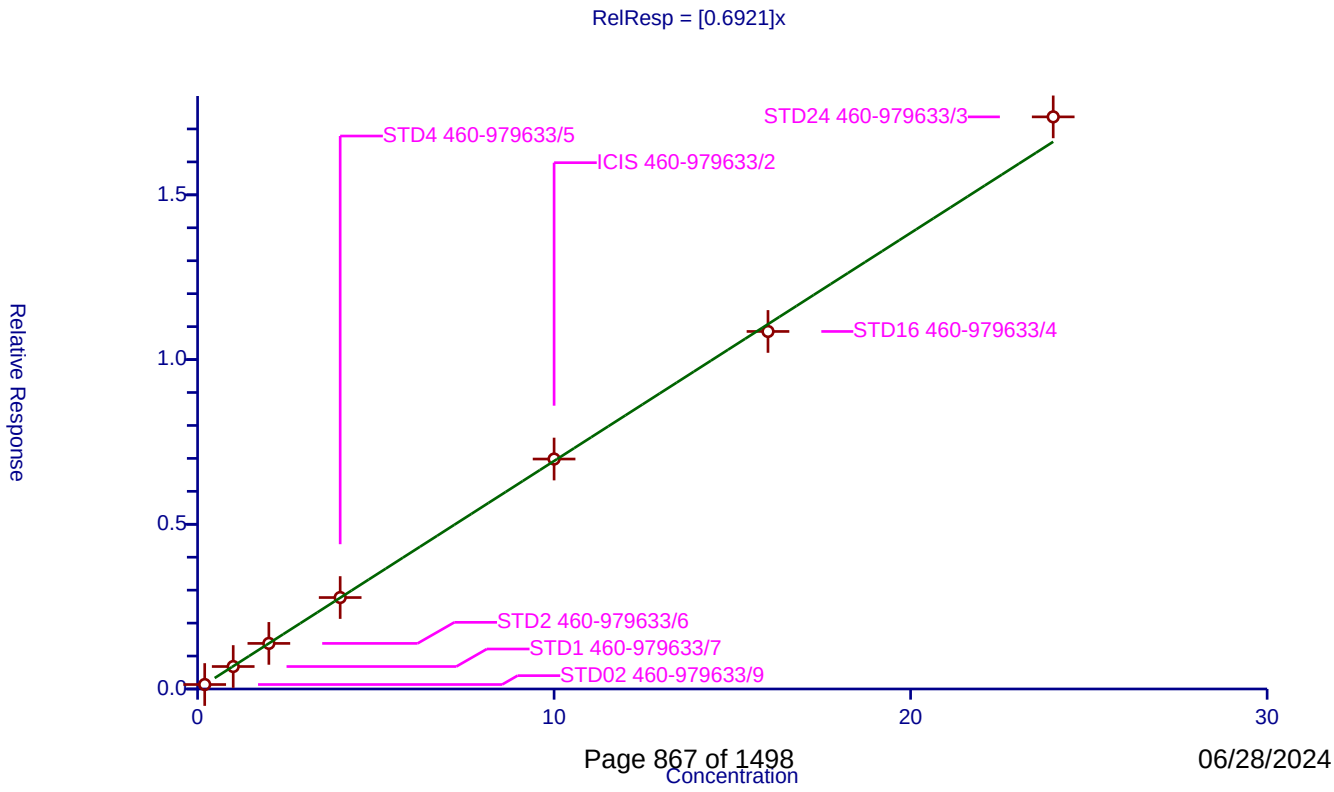
Curve Coefficients

Intercept:	0
Slope:	0.6921

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.135469	8.0	1129823.0	0.677345	Y
2	STD1 460-979633/7	1.0	0.681826	8.0	1077929.0	0.681826	Y
3	STD2 460-979633/6	2.0	1.383512	8.0	1085267.0	0.691756	Y
4	STD4 460-979633/5	4.0	2.776337	8.0	1127278.0	0.694084	Y
5	ICIS 460-979633/2	10.0	6.980366	8.0	1165924.0	0.698037	Y
6	STD16 460-979633/4	16.0	10.852731	8.0	1138345.0	0.678296	Y
7	STD24 460-979633/3	24.0	17.367091	8.0	1059382.0	0.723629	Y



Calibration / 1-Methylnaphthalene

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

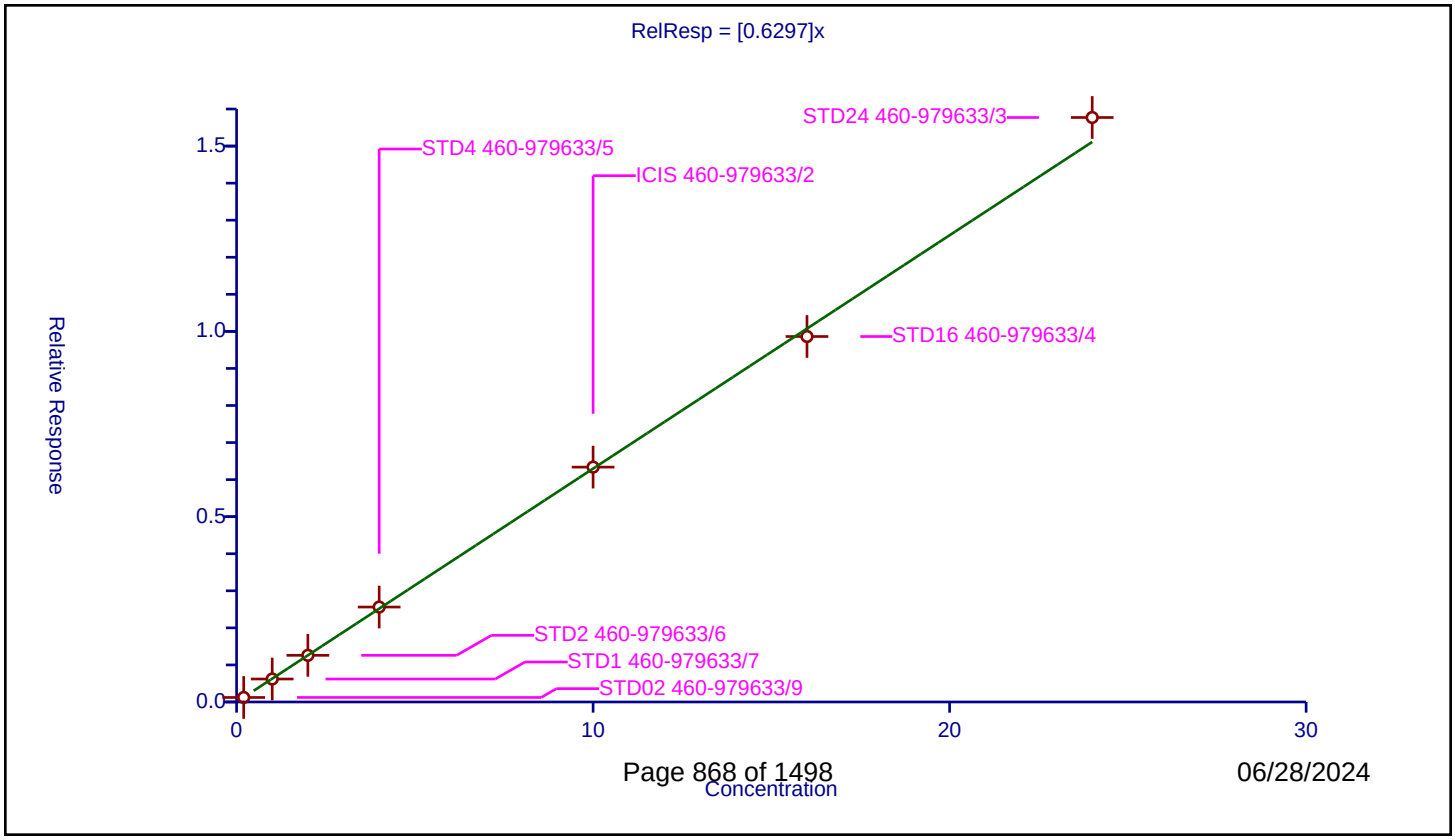
Curve Coefficients

Intercept:	0
Slope:	0.6297

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.1222	8.0	1129823.0	0.610998	Y
2	STD1 460-979633/7	1.0	0.619551	8.0	1077929.0	0.619551	Y
3	STD2 460-979633/6	2.0	1.258758	8.0	1085267.0	0.629379	Y
4	STD4 460-979633/5	4.0	2.562151	8.0	1127278.0	0.640538	Y
5	ICIS 460-979633/2	10.0	6.337346	8.0	1165924.0	0.633735	Y
6	STD16 460-979633/4	16.0	9.86191	8.0	1138345.0	0.616369	Y
7	STD24 460-979633/3	24.0	15.770991	8.0	1059382.0	0.657125	Y



Calibration / Hexachlorocyclopentadiene

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

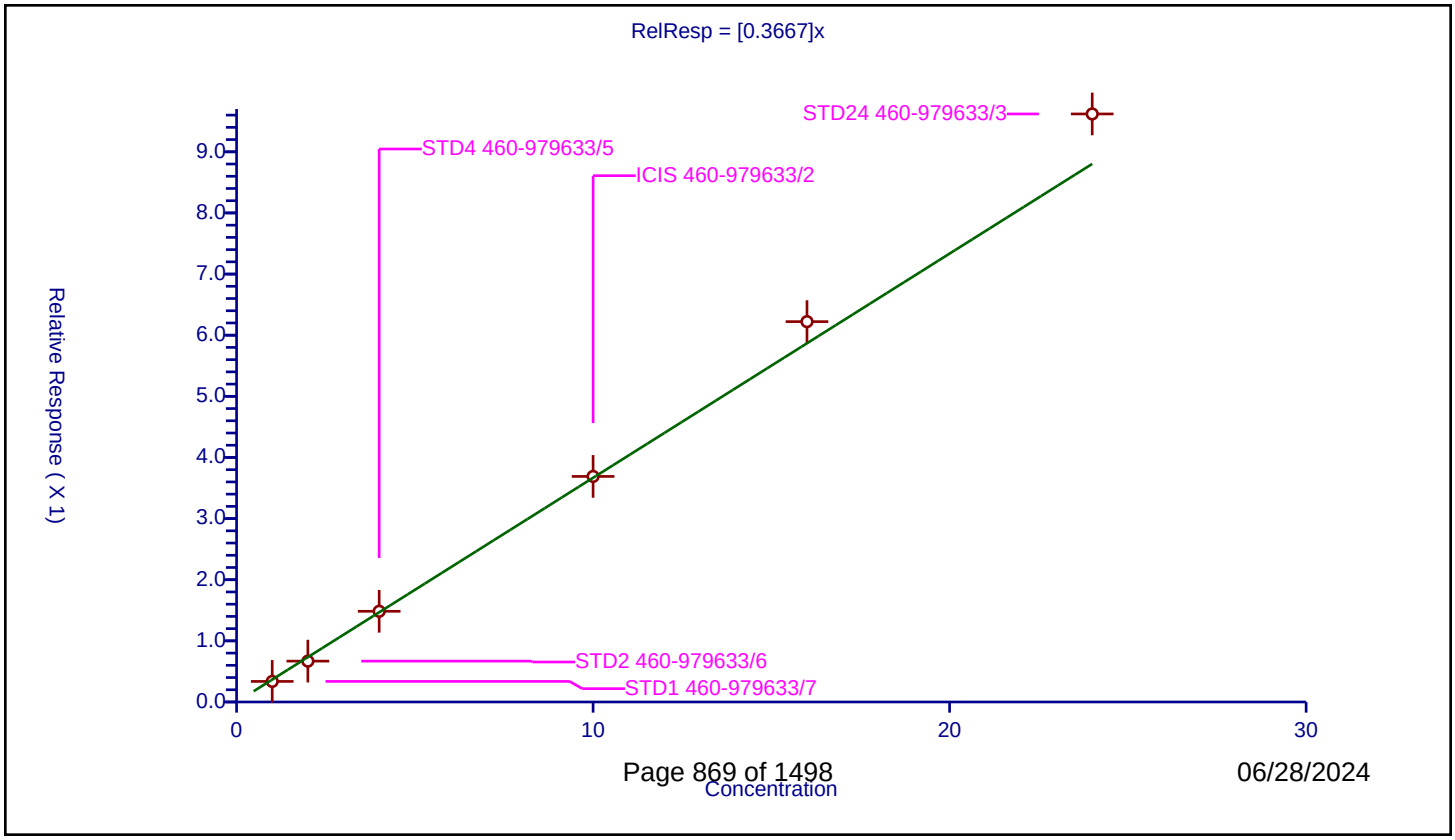
Curve Coefficients

Intercept:	0
Slope:	0.3667

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.336492	8.0	556424.0	0.336492	Y
2	STD2 460-979633/6	2.0	0.668654	8.0	563460.0	0.334327	Y
3	STD4 460-979633/5	4.0	1.484007	8.0	567108.0	0.371002	Y
4	ICIS 460-979633/2	10.0	3.689942	8.0	575454.0	0.368994	Y
5	STD16 460-979633/4	16.0	6.221884	8.0	551928.0	0.388868	Y
6	STD24 460-979633/3	24.0	9.619085	8.0	522631.0	0.400795	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

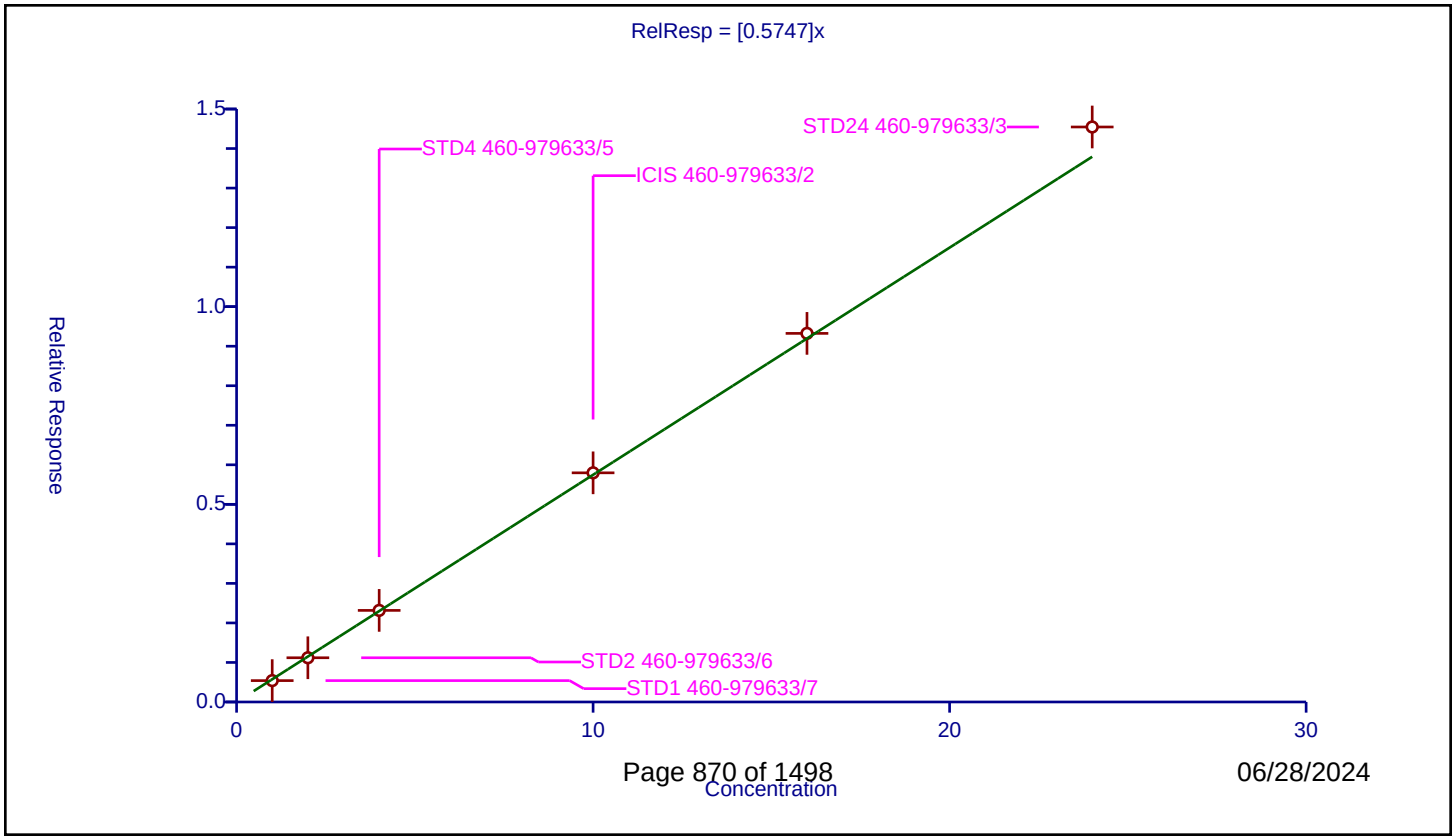
Curve Coefficients

Intercept:	0
Slope:	0.5747

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.540926	8.0	556424.0	0.540926	Y
2	STD2 460-979633/6	2.0	1.118844	8.0	563460.0	0.559422	Y
3	STD4 460-979633/5	4.0	2.317019	8.0	567108.0	0.579255	Y
4	ICIS 460-979633/2	10.0	5.79662	8.0	575454.0	0.579662	Y
5	STD16 460-979633/4	16.0	9.324057	8.0	551928.0	0.582754	Y
6	STD24 460-979633/3	24.0	14.545605	8.0	522631.0	0.606067	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

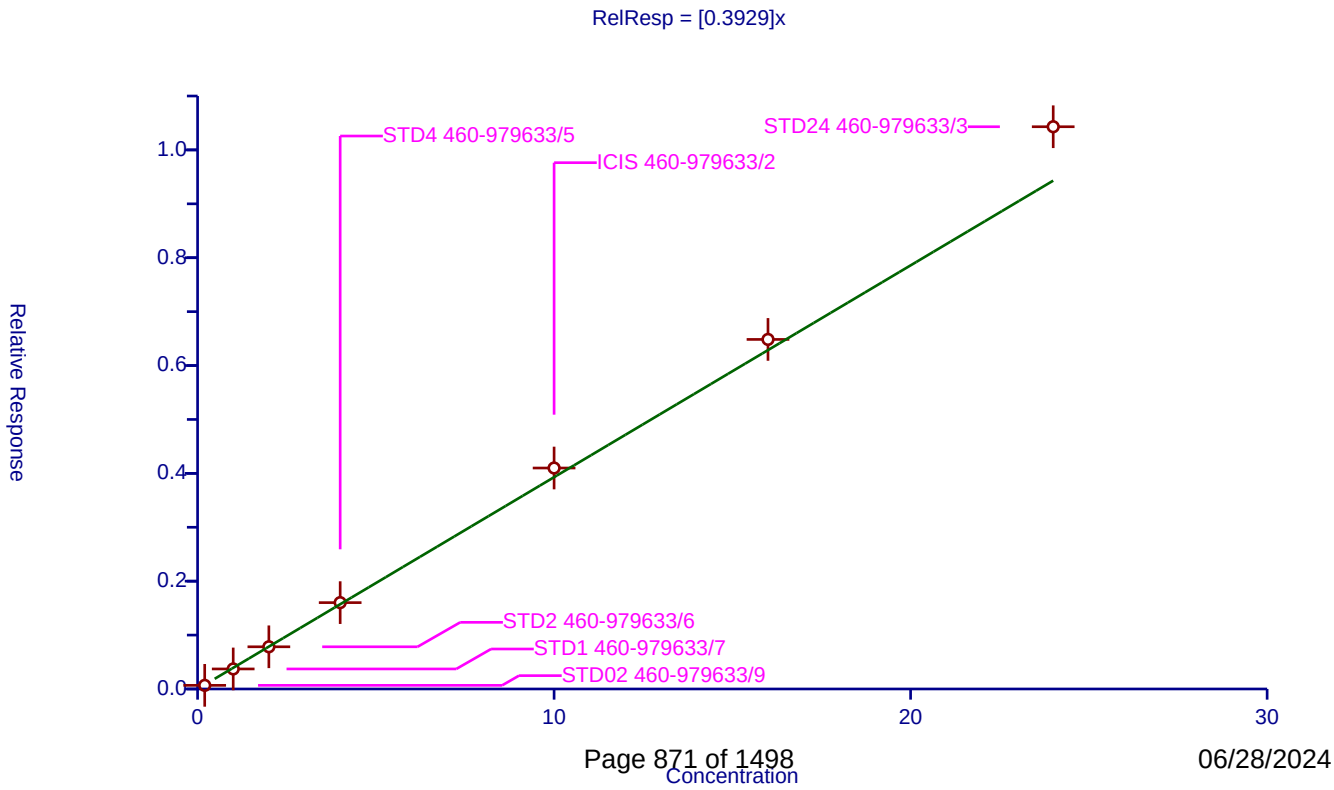
Curve Coefficients

Intercept:	0
Slope:	0.3929

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.067416	8.0	1129823.0	0.337079	Y
2	STD1 460-979633/7	1.0	0.371572	8.0	1077929.0	0.371572	Y
3	STD2 460-979633/6	2.0	0.782952	8.0	1085267.0	0.391476	Y
4	STD4 460-979633/5	4.0	1.602096	8.0	1127278.0	0.400524	Y
5	ICIS 460-979633/2	10.0	4.099231	8.0	1165924.0	0.409923	Y
6	STD16 460-979633/4	16.0	6.484719	8.0	1138345.0	0.405295	Y
7	STD24 460-979633/3	24.0	10.429968	8.0	1059382.0	0.434582	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

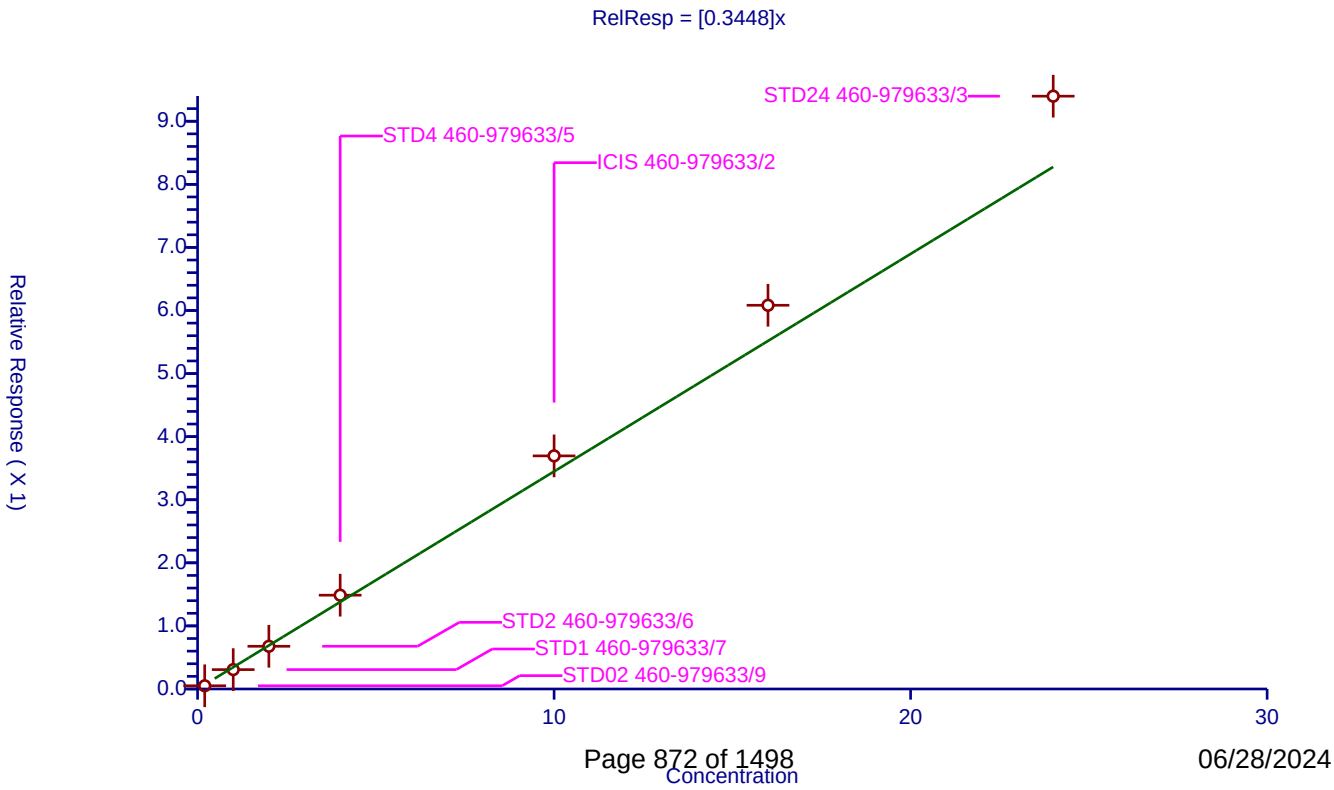
Curve Coefficients

Intercept:	0
Slope:	0.3448

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.051063	8.0	603489.0	0.255315	Y
2	STD1 460-979633/7	1.0	0.307032	8.0	556424.0	0.307032	Y
3	STD2 460-979633/6	2.0	0.677159	8.0	563460.0	0.338579	Y
4	STD4 460-979633/5	4.0	1.486743	8.0	567108.0	0.371686	Y
5	ICIS 460-979633/2	10.0	3.695378	8.0	575454.0	0.369538	Y
6	STD16 460-979633/4	16.0	6.082721	8.0	551928.0	0.38017	Y
7	STD24 460-979633/3	24.0	9.397284	8.0	522631.0	0.391554	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

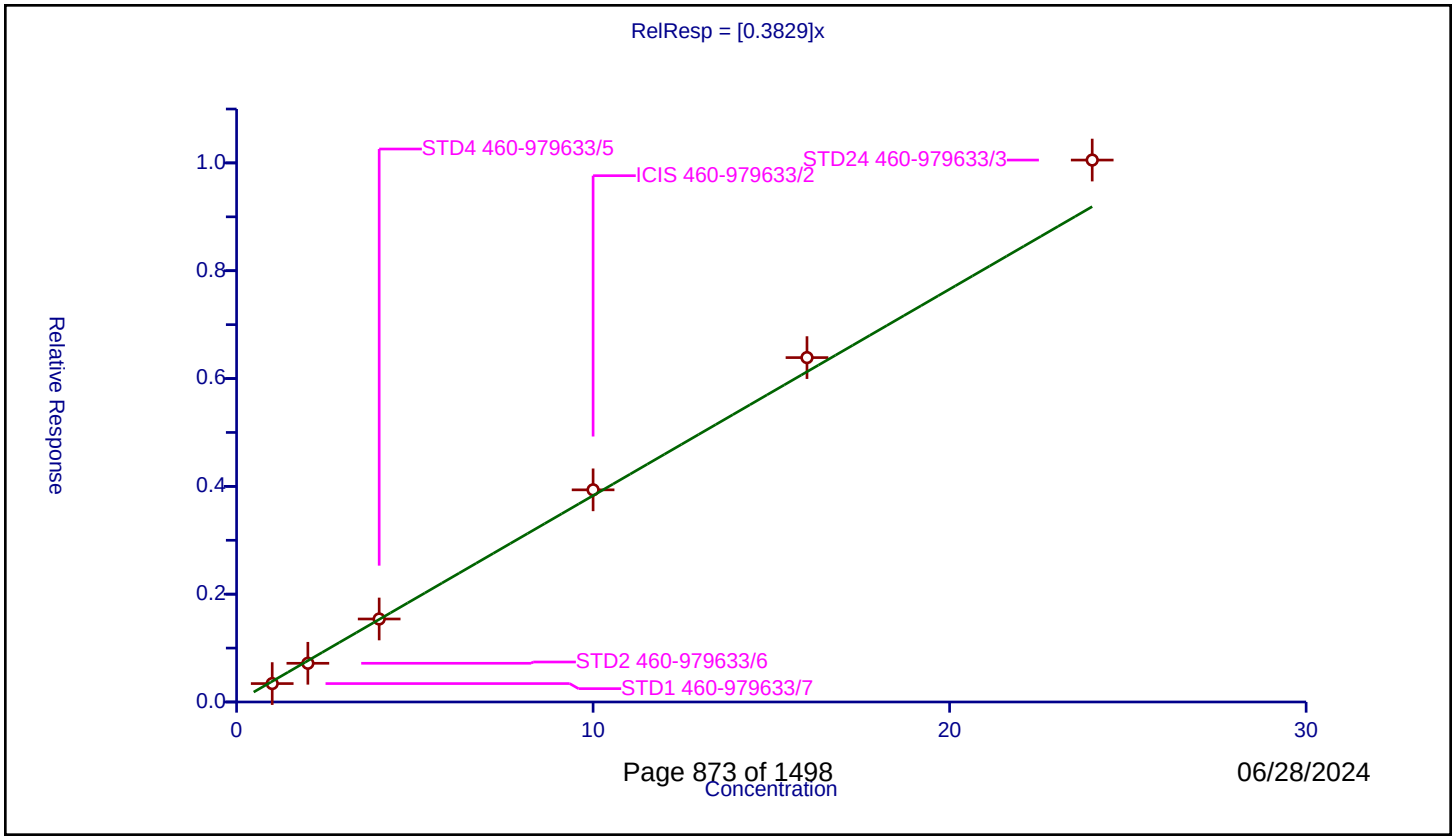
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.341682	8.0	556424.0	0.341682	Y
2	STD2 460-979633/6	2.0	0.718063	8.0	563460.0	0.359032	Y
3	STD4 460-979633/5	4.0	1.539587	8.0	567108.0	0.384897	Y
4	ICIS 460-979633/2	10.0	3.935202	8.0	575454.0	0.39352	Y
5	STD16 460-979633/4	16.0	6.388746	8.0	551928.0	0.399297	Y
6	STD24 460-979633/3	24.0	10.05315	8.0	522631.0	0.418881	Y



Calibration / 2-Fluorobiphenyl

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

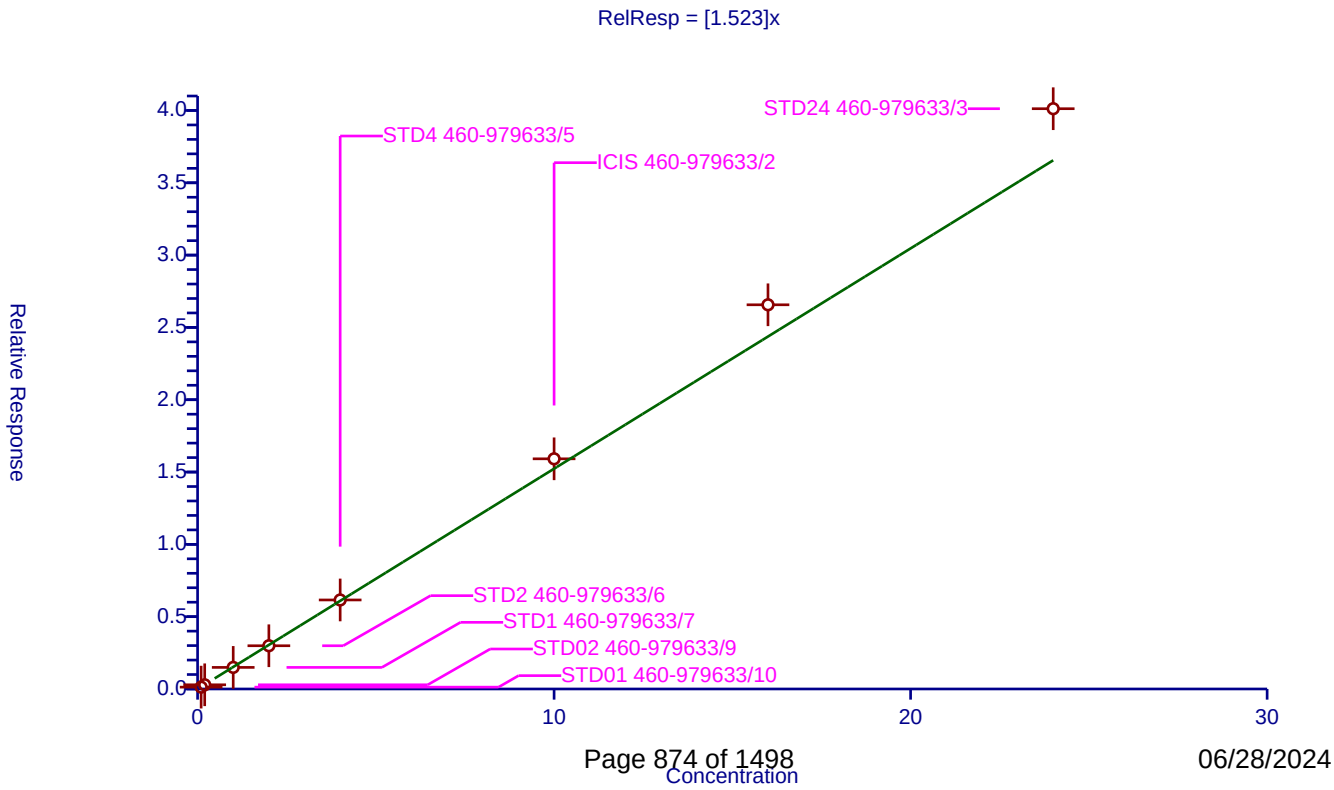
Curve Coefficients

Intercept:	0
Slope:	1.523

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.128703	8.0	570553.0	1.287032	Y
2	STD02 460-979633/9	0.2	0.289516	8.0	603489.0	1.447582	Y
3	STD1 460-979633/7	1.0	1.492818	8.0	556424.0	1.492818	Y
4	STD2 460-979633/6	2.0	2.990395	8.0	563460.0	1.495198	Y
5	STD4 460-979633/5	4.0	6.154736	8.0	567108.0	1.538684	Y
6	ICIS 460-979633/2	10.0	15.91542	8.0	575454.0	1.591542	Y
7	STD16 460-979633/4	16.0	26.56532	8.0	551928.0	1.660333	Y
8	STD24 460-979633/3	24.0	40.122809	8.0	522631.0	1.671784	Y



Calibration / 1,1'-Biphenyl

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

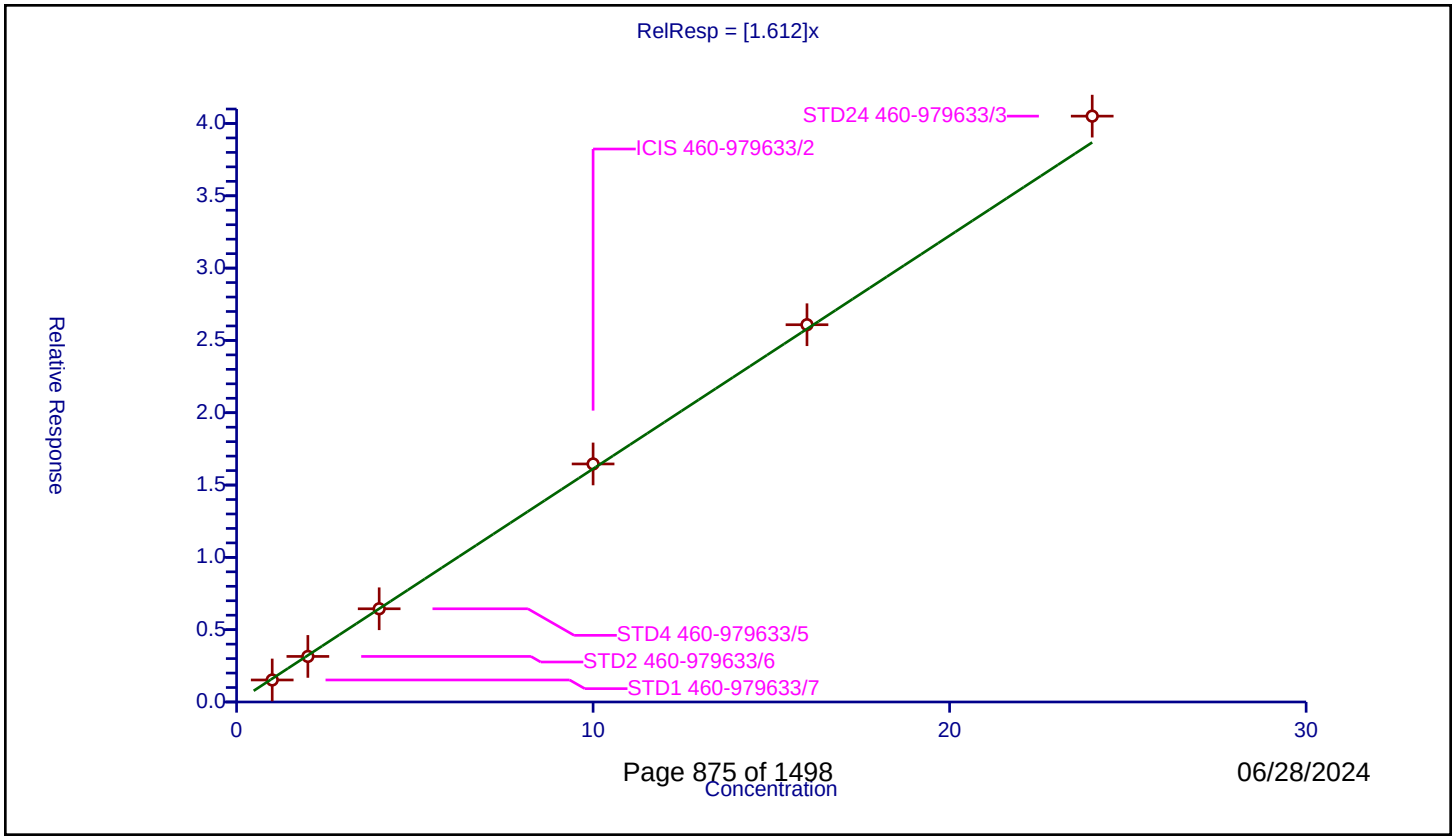
Curve Coefficients

Intercept:	0
Slope:	1.612

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.522824	8.0	556424.0	1.522824	Y
2	STD2 460-979633/6	2.0	3.150307	8.0	563460.0	1.575154	Y
3	STD4 460-979633/5	4.0	6.444275	8.0	567108.0	1.611069	Y
4	ICIS 460-979633/2	10.0	16.45874	8.0	575454.0	1.645874	Y
5	STD16 460-979633/4	16.0	26.085127	8.0	551928.0	1.63032	Y
6	STD24 460-979633/3	24.0	40.50855	8.0	522631.0	1.687856	Y



Calibration / 2-Chloronaphthalene

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

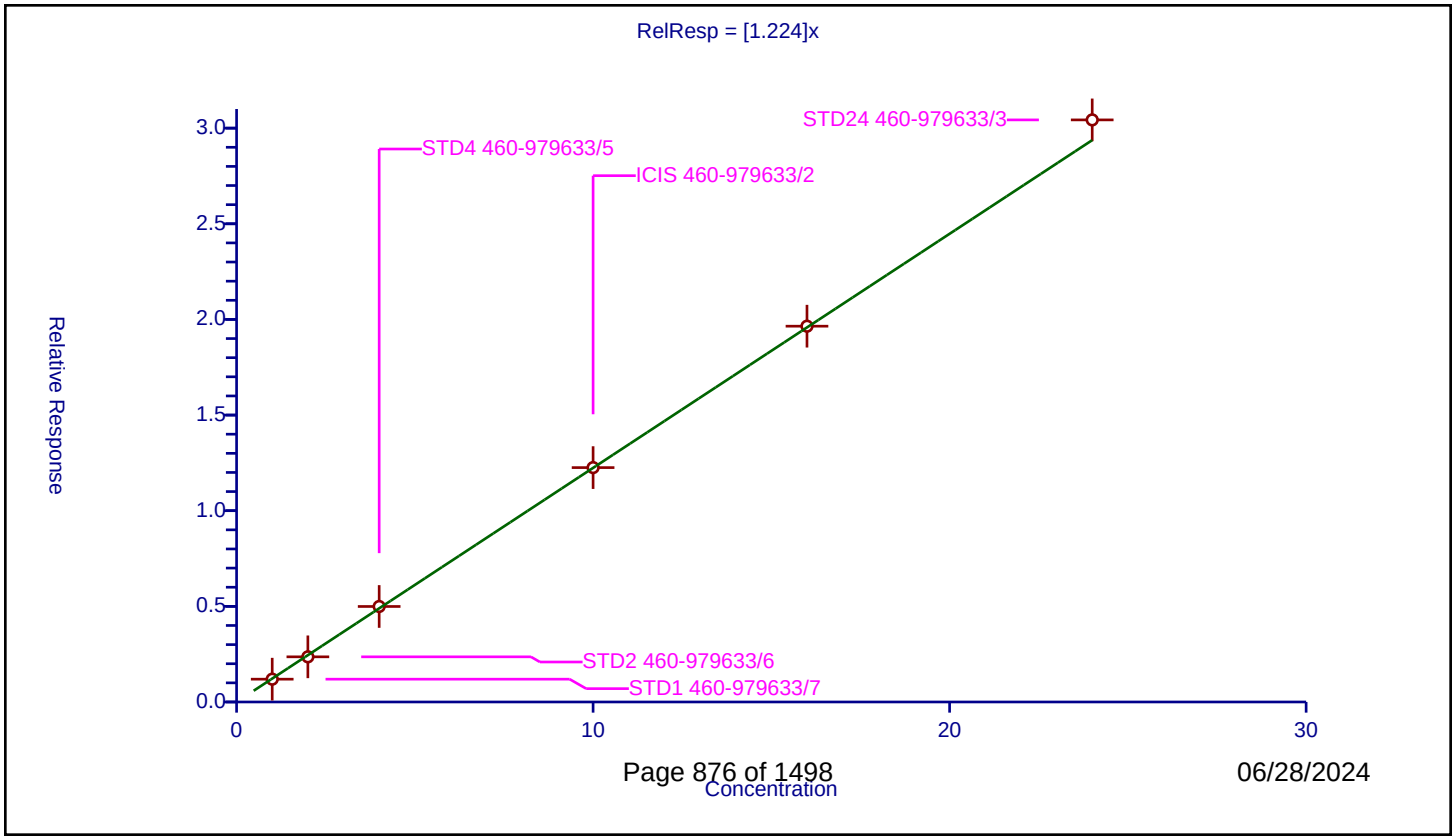
Curve Coefficients

Intercept:	0
Slope:	1.224

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.193133	8.0	556424.0	1.193133	Y
2	STD2 460-979633/6	2.0	2.360373	8.0	563460.0	1.180187	Y
3	STD4 460-979633/5	4.0	4.993589	8.0	567108.0	1.248397	Y
4	ICIS 460-979633/2	10.0	12.253504	8.0	575454.0	1.22535	Y
5	STD16 460-979633/4	16.0	19.64636	8.0	551928.0	1.227897	Y
6	STD24 460-979633/3	24.0	30.431306	8.0	522631.0	1.267971	Y



Calibration / Phenyl ether

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

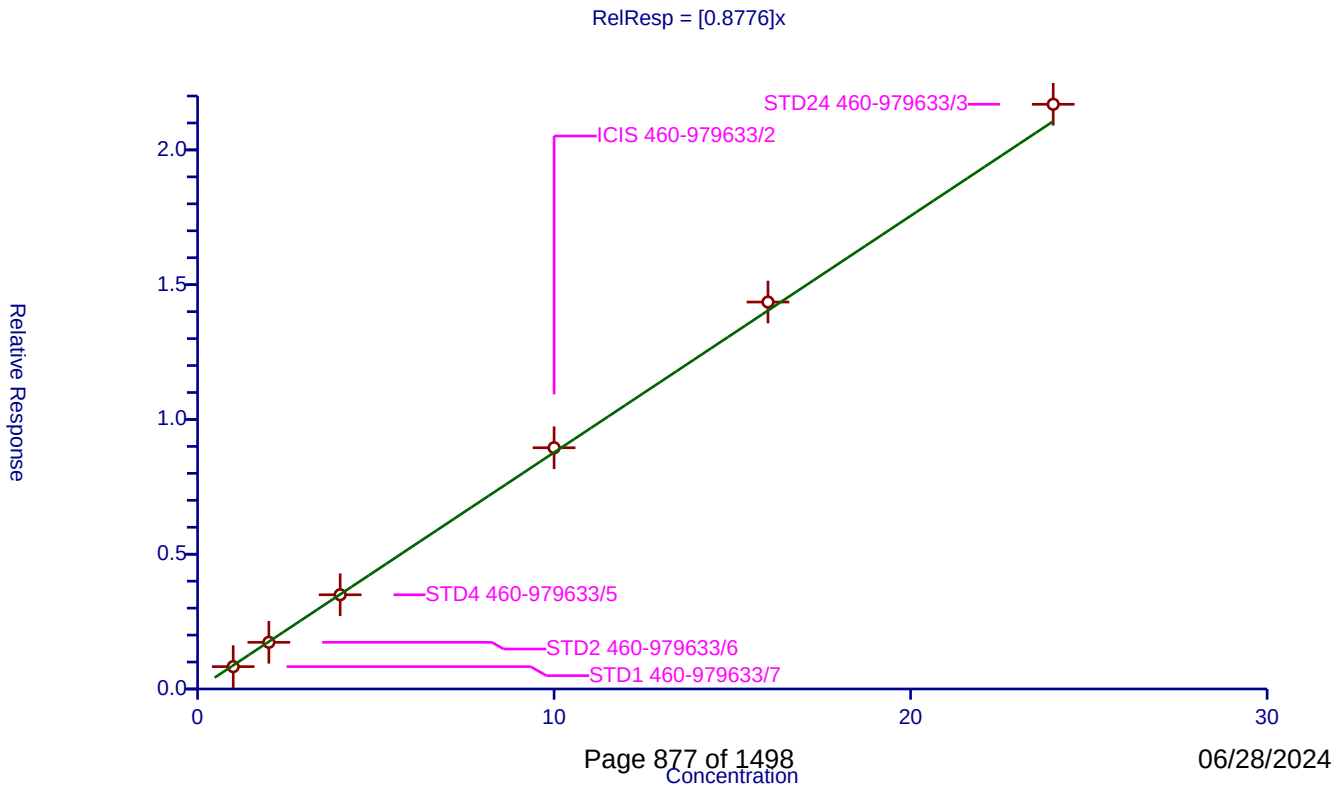
Curve Coefficients

Intercept:	0
Slope:	0.8776

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.829339	8.0	556424.0	0.829339	Y
2	STD2 460-979633/6	2.0	1.732297	8.0	563460.0	0.866148	Y
3	STD4 460-979633/5	4.0	3.495743	8.0	567108.0	0.873936	Y
4	ICIS 460-979633/2	10.0	8.9499	8.0	575454.0	0.89499	Y
5	STD16 460-979633/4	16.0	14.356017	8.0	551928.0	0.897251	Y
6	STD24 460-979633/3	24.0	21.693547	8.0	522631.0	0.903898	Y



Calibration / 2-Nitroaniline

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

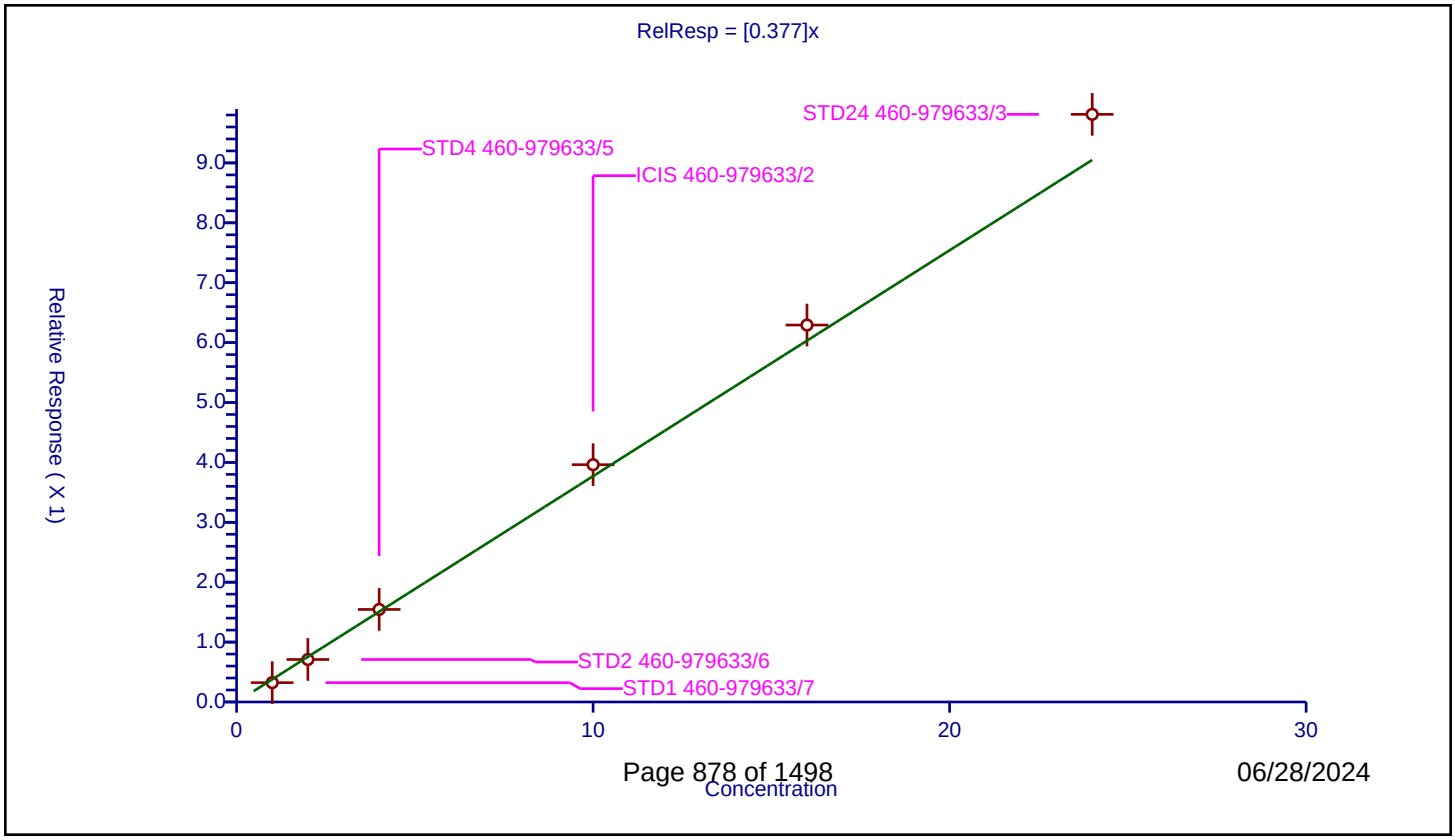
Curve Coefficients

Intercept:	0
Slope:	0.377

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.323005	8.0	556424.0	0.323005	Y
2	STD2 460-979633/6	2.0	0.709275	8.0	563460.0	0.354637	Y
3	STD4 460-979633/5	4.0	1.545244	8.0	567108.0	0.386311	Y
4	ICIS 460-979633/2	10.0	3.961658	8.0	575454.0	0.396166	Y
5	STD16 460-979633/4	16.0	6.293401	8.0	551928.0	0.393338	Y
6	STD24 460-979633/3	24.0	9.810868	8.0	522631.0	0.408786	Y



Calibration / 1,3-Dimethylnaphthalene

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

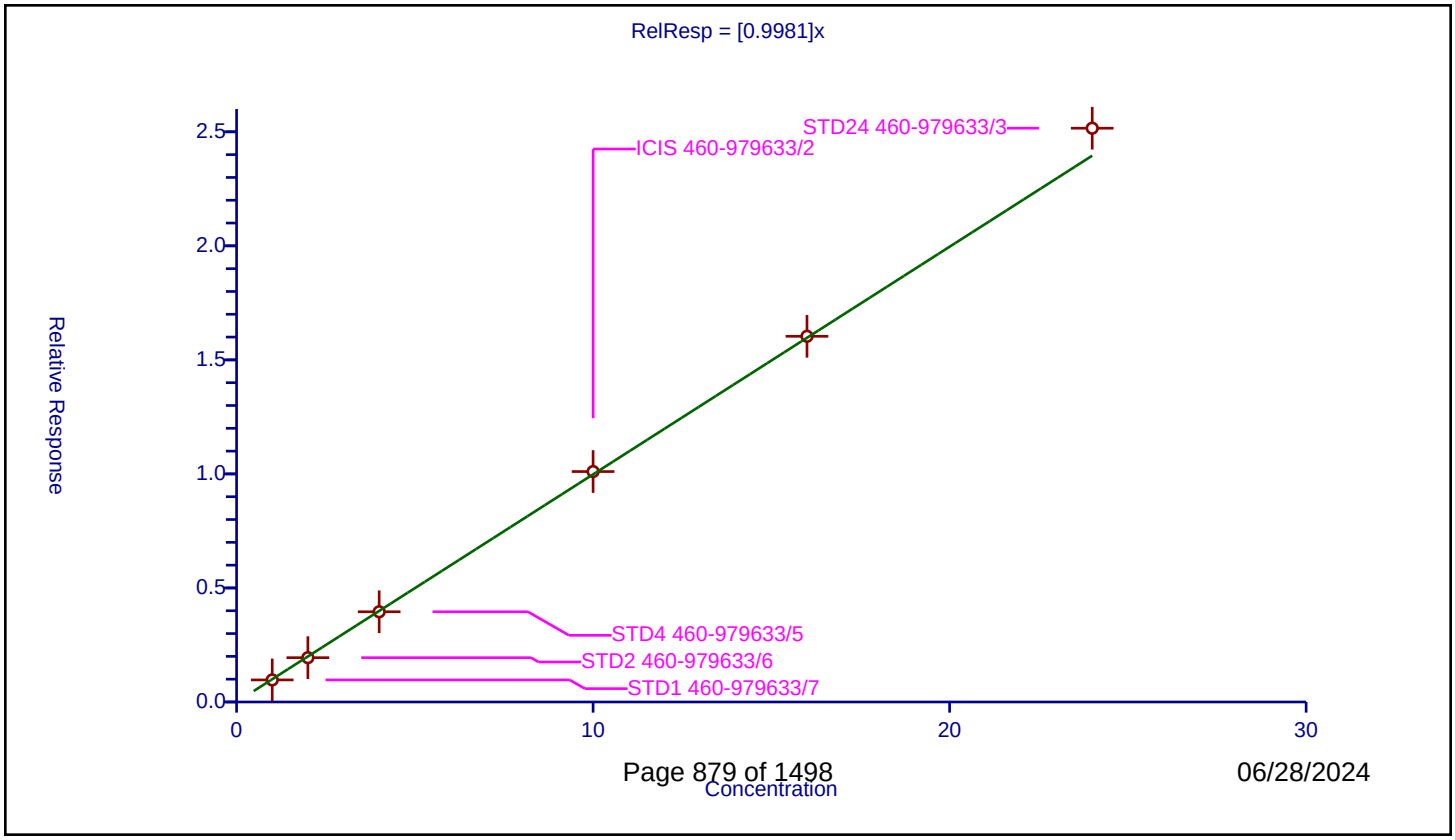
Curve Coefficients

Intercept:	0
Slope:	0.9981

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.96709	8.0	556424.0	0.96709	Y
2	STD2 460-979633/6	2.0	1.942839	8.0	563460.0	0.971419	Y
3	STD4 460-979633/5	4.0	3.956001	8.0	567108.0	0.989	Y
4	ICIS 460-979633/2	10.0	10.104161	8.0	575454.0	1.010416	Y
5	STD16 460-979633/4	16.0	16.034642	8.0	551928.0	1.002165	Y
6	STD24 460-979633/3	24.0	25.158661	8.0	522631.0	1.048278	Y



Calibration / Dimethyl phthalate

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

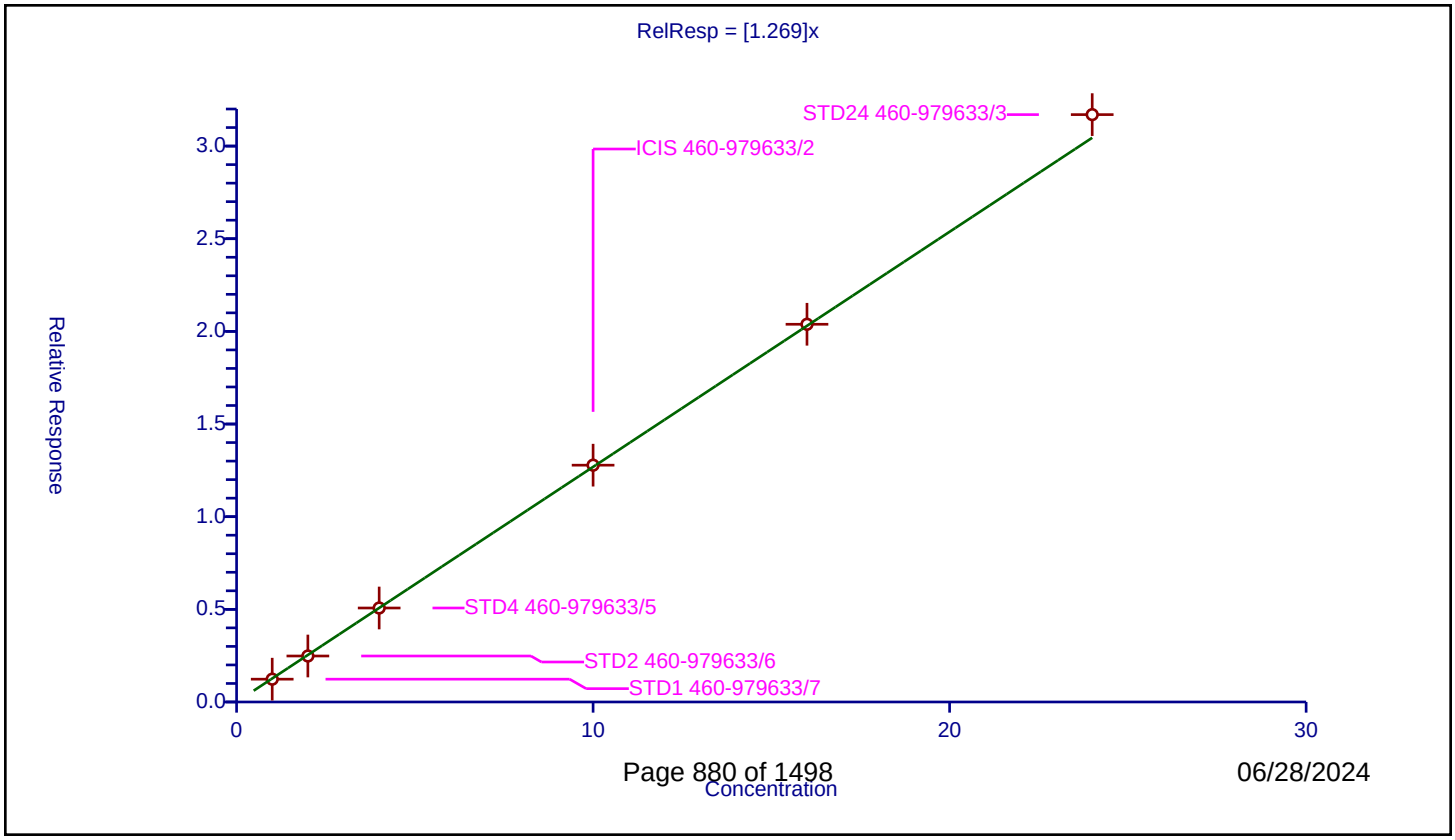
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.230788	8.0	556424.0	1.230788	Y
2	STD2 460-979633/6	2.0	2.481397	8.0	563460.0	1.240699	Y
3	STD4 460-979633/5	4.0	5.07229	8.0	567108.0	1.268072	Y
4	ICIS 460-979633/2	10.0	12.78017	8.0	575454.0	1.278017	Y
5	STD16 460-979633/4	16.0	20.383543	8.0	551928.0	1.273971	Y
6	STD24 460-979633/3	24.0	31.697714	8.0	522631.0	1.320738	Y



Calibration / Coumarin

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

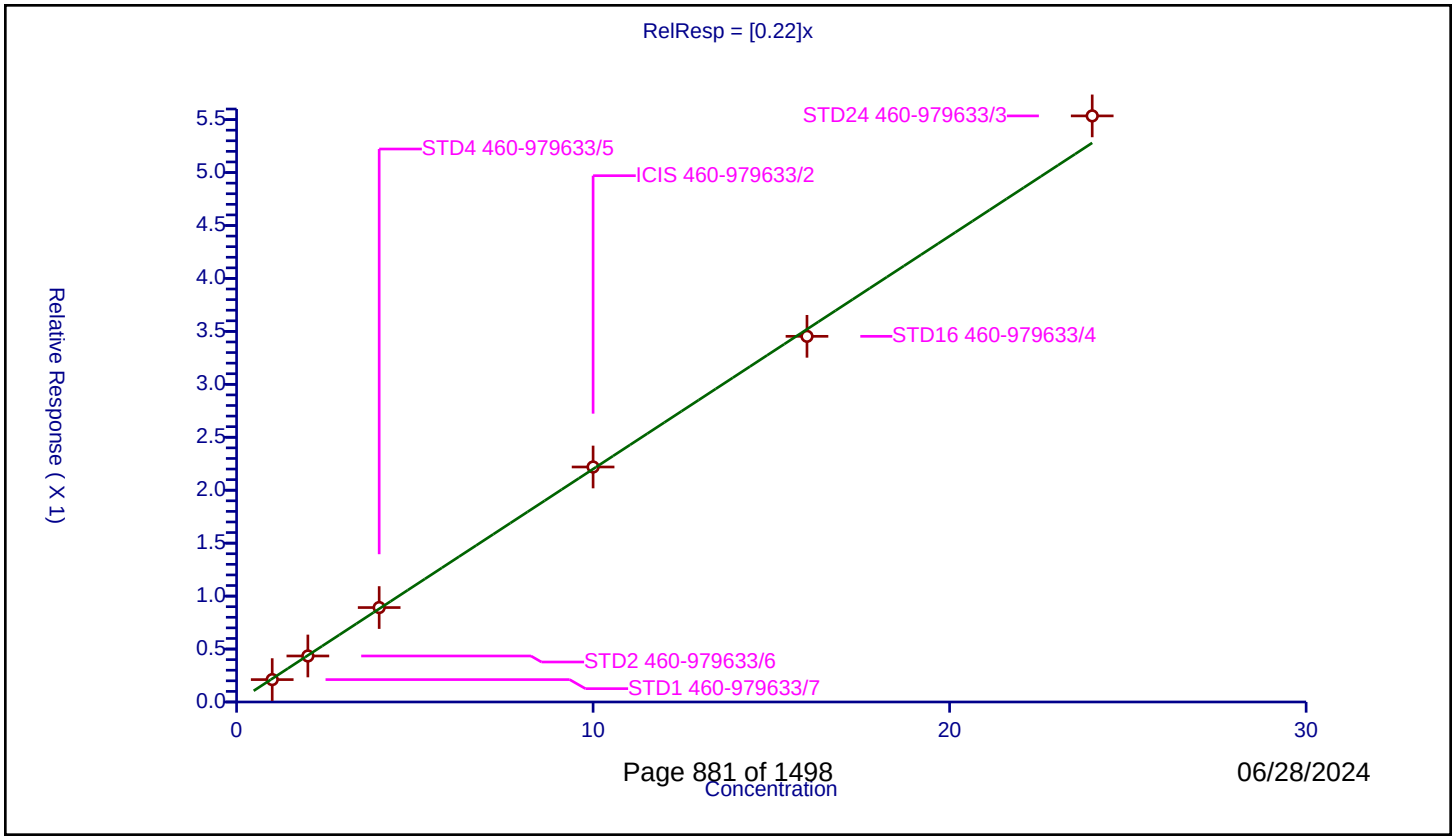
Curve Coefficients

Intercept:	0
Slope:	0.22

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.211398	8.0	1077929.0	0.211398	Y
2	STD2 460-979633/6	2.0	0.434474	8.0	1085267.0	0.217237	Y
3	STD4 460-979633/5	4.0	0.89194	8.0	1127278.0	0.222985	Y
4	ICIS 460-979633/2	10.0	2.219362	8.0	1165924.0	0.221936	Y
5	STD16 460-979633/4	16.0	3.453449	8.0	1138345.0	0.215841	Y
6	STD24 460-979633/3	24.0	5.535099	8.0	1059382.0	0.230629	Y



Calibration / 2,6-Dinitrotoluene

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

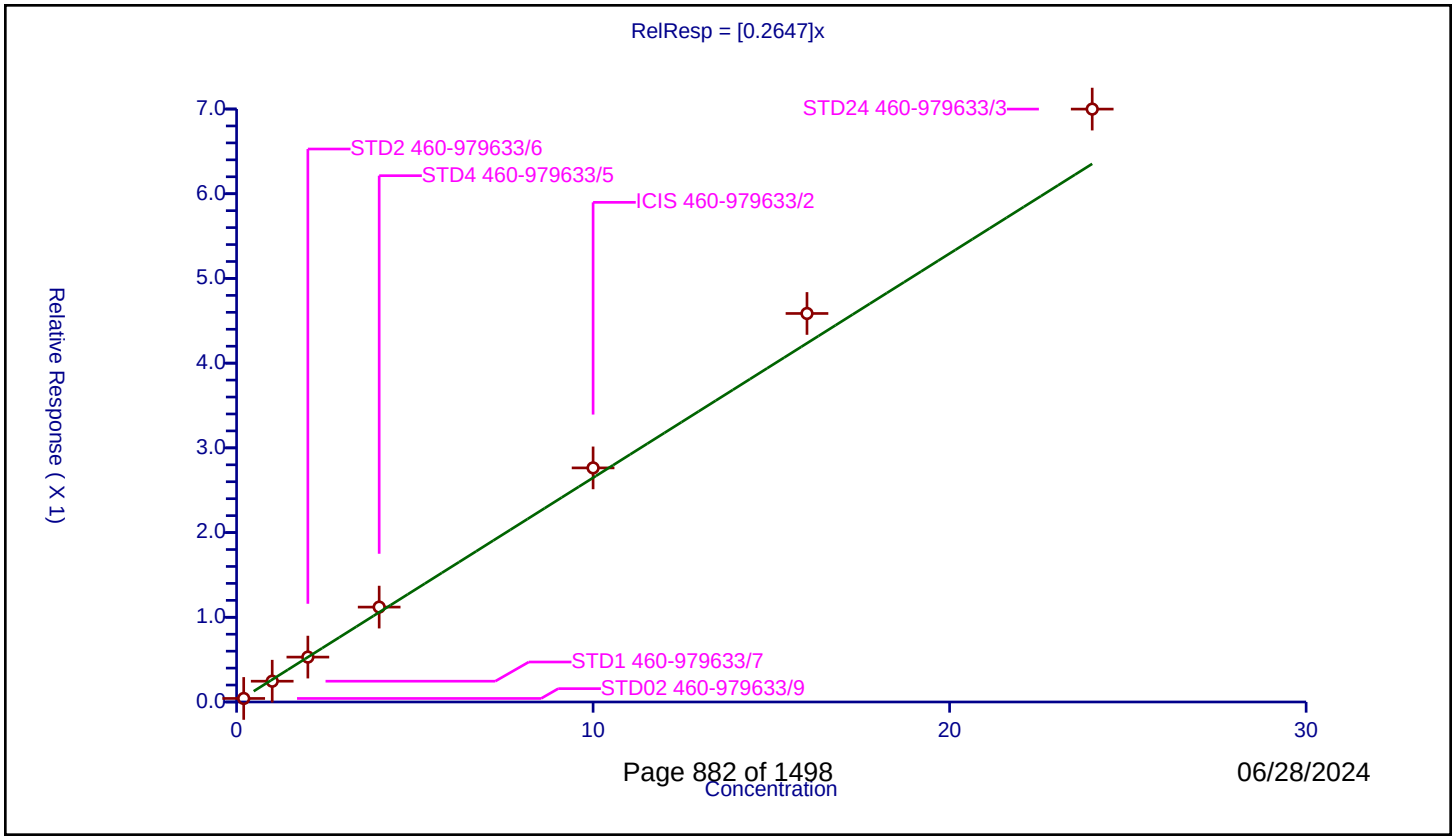
Curve Coefficients

Intercept:	0
Slope:	0.2647

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.041585	8.0	603489.0	0.207924	Y
2	STD1 460-979633/7	1.0	0.245309	8.0	556424.0	0.245309	Y
3	STD2 460-979633/6	2.0	0.530039	8.0	563460.0	0.26502	Y
4	STD4 460-979633/5	4.0	1.120125	8.0	567108.0	0.280031	Y
5	ICIS 460-979633/2	10.0	2.763481	8.0	575454.0	0.276348	Y
6	STD16 460-979633/4	16.0	4.586439	8.0	551928.0	0.286652	Y
7	STD24 460-979633/3	24.0	6.999018	8.0	522631.0	0.291626	Y



06/28/2024

Calibration / Acenaphthylene

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

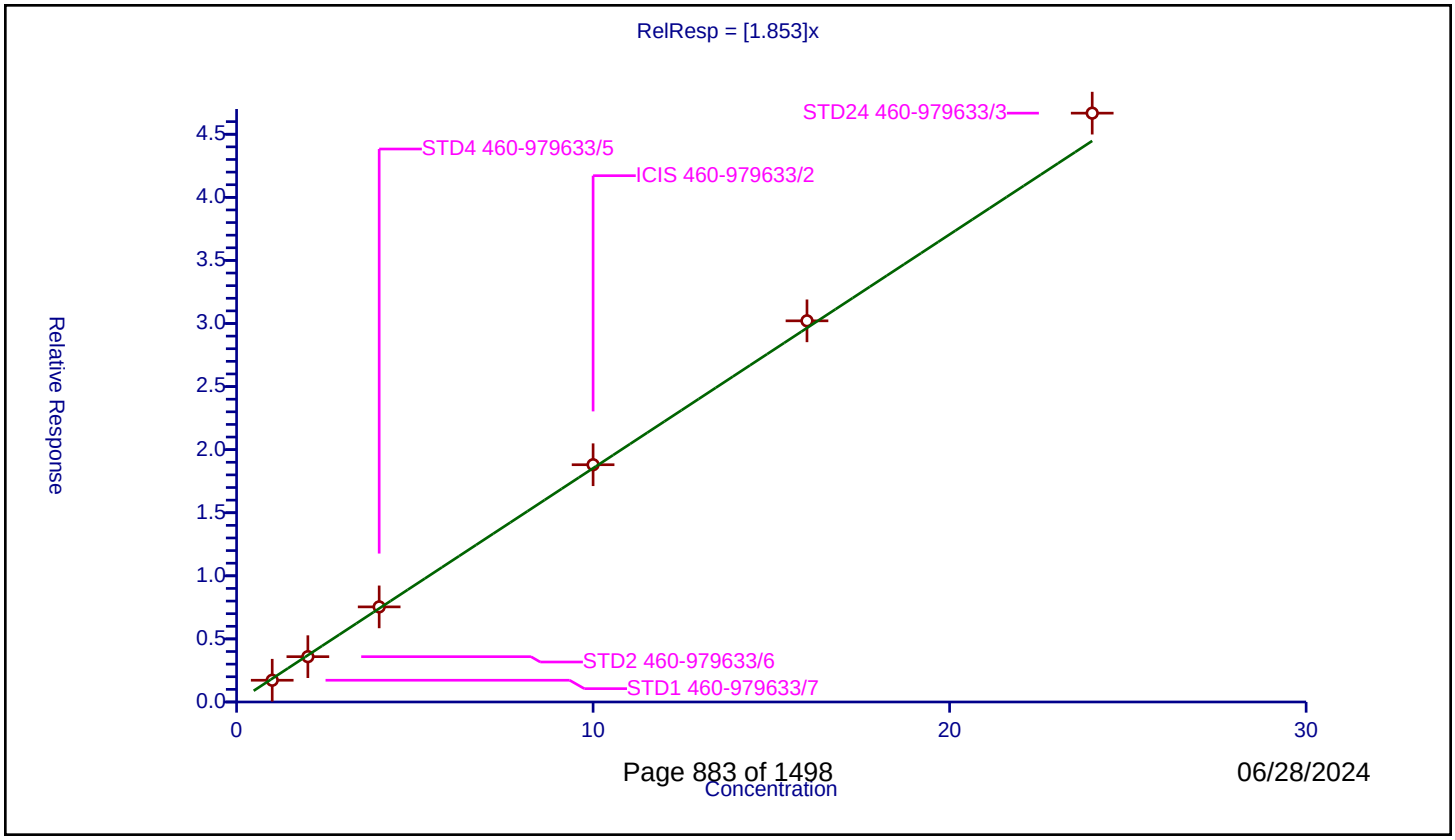
Curve Coefficients

Intercept:	0
Slope:	1.853

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.723621	8.0	556424.0	1.723621	Y
2	STD2 460-979633/6	2.0	3.592333	8.0	563460.0	1.796167	Y
3	STD4 460-979633/5	4.0	7.538571	8.0	567108.0	1.884643	Y
4	ICIS 460-979633/2	10.0	18.805326	8.0	575454.0	1.880533	Y
5	STD16 460-979633/4	16.0	30.211114	8.0	551928.0	1.888195	Y
6	STD24 460-979633/3	24.0	46.672486	8.0	522631.0	1.944687	Y



06/28/2024

Calibration / 3-Nitroaniline

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

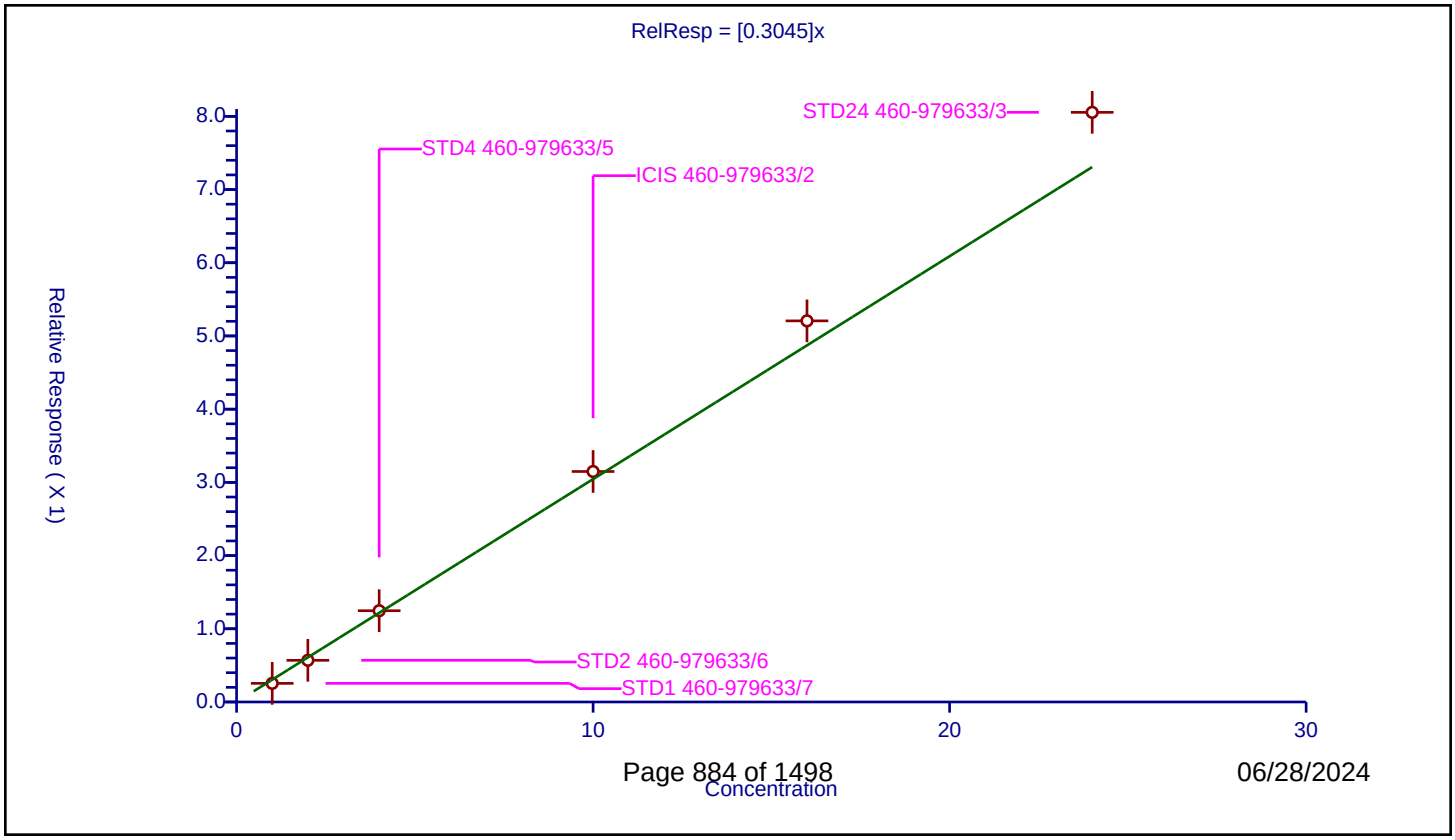
Curve Coefficients

Intercept:	0
Slope:	0.3045

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.254597	8.0	556424.0	0.254597	Y
2	STD2 460-979633/6	2.0	0.569283	8.0	563460.0	0.284641	Y
3	STD4 460-979633/5	4.0	1.246718	8.0	567108.0	0.31168	Y
4	ICIS 460-979633/2	10.0	3.148485	8.0	575454.0	0.314848	Y
5	STD16 460-979633/4	16.0	5.20594	8.0	551928.0	0.325371	Y
6	STD24 460-979633/3	24.0	8.054371	8.0	522631.0	0.335599	Y



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

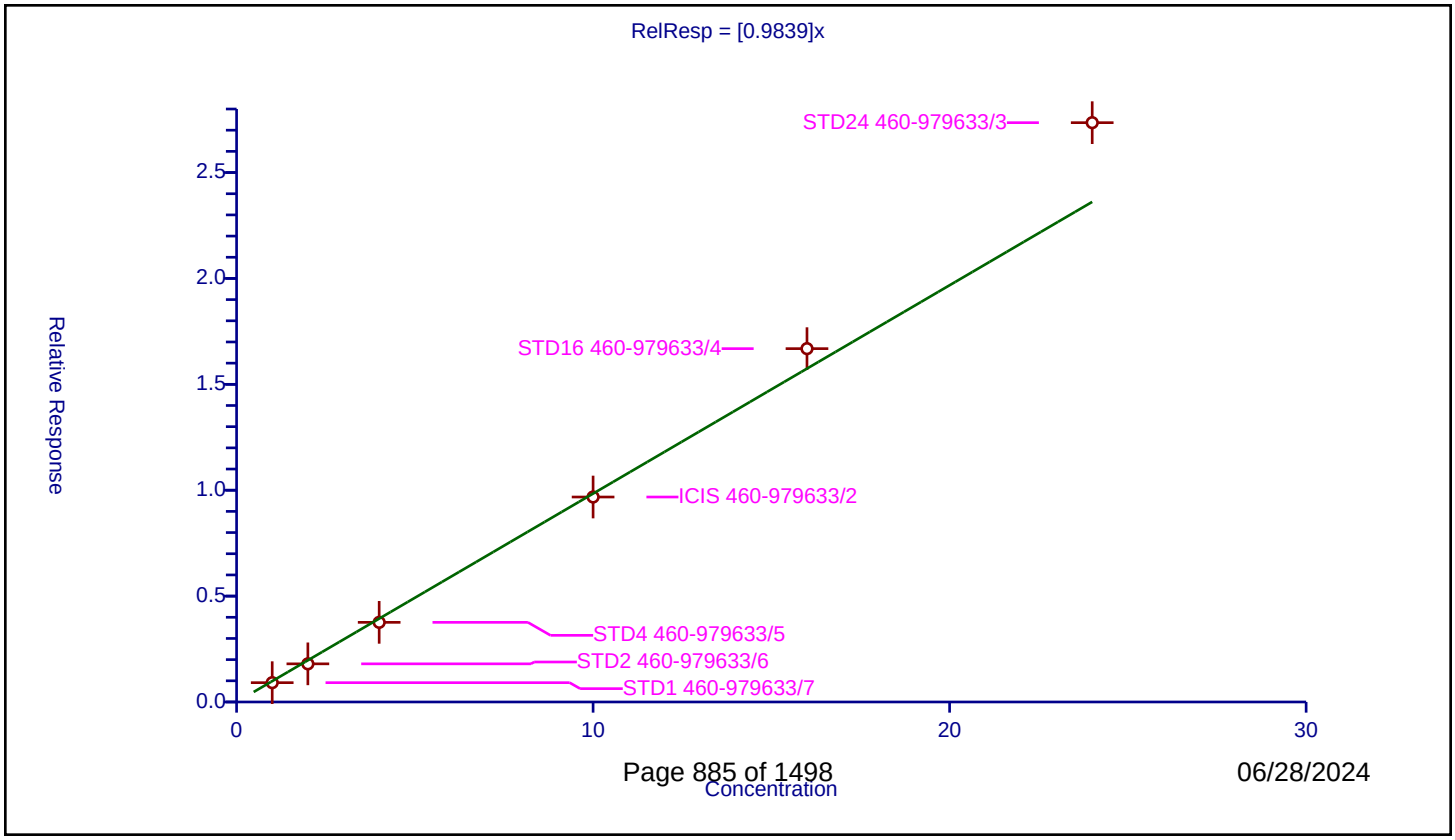
Curve Coefficients

Intercept:	0
Slope:	0.9839

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.91257	8.0	556424.0	0.91257	Y
2	STD2 460-979633/6	2.0	1.800845	8.0	563460.0	0.900422	Y
3	STD4 460-979633/5	4.0	3.759975	8.0	567108.0	0.939994	Y
4	ICIS 460-979633/2	10.0	9.679008	8.0	575454.0	0.967901	Y
5	STD16 460-979633/4	16.0	16.684843	8.0	551928.0	1.042803	Y
6	STD24 460-979633/3	24.0	27.355331	8.0	522631.0	1.139805	Y



Calibration / Acenaphthene

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

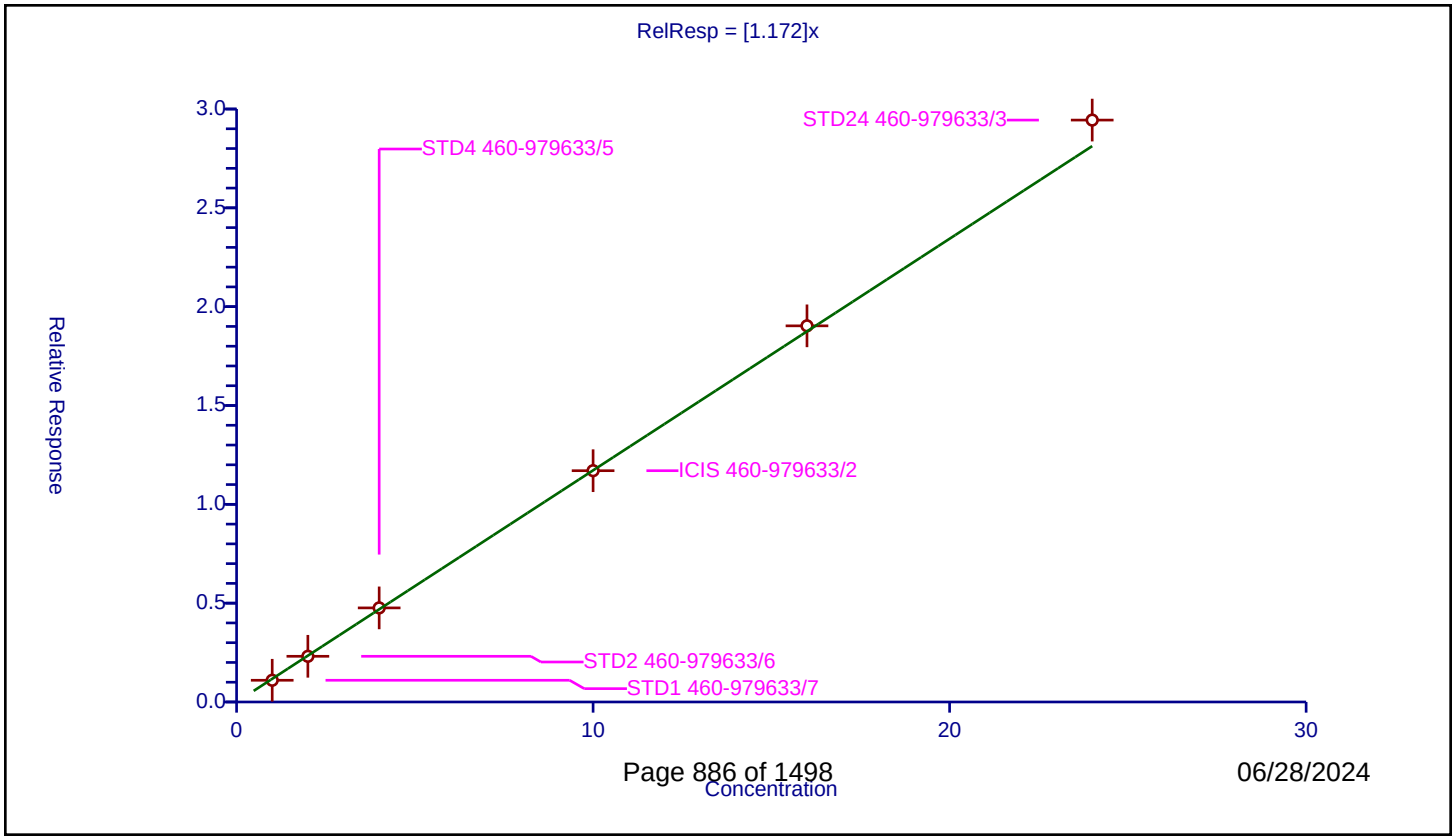
Curve Coefficients

Intercept:	0
Slope:	1.172

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.098817	8.0	556424.0	1.098817	Y
2	STD2 460-979633/6	2.0	2.311618	8.0	563460.0	1.155809	Y
3	STD4 460-979633/5	4.0	4.760025	8.0	567108.0	1.190006	Y
4	ICIS 460-979633/2	10.0	11.701912	8.0	575454.0	1.170191	Y
5	STD16 460-979633/4	16.0	19.030018	8.0	551928.0	1.189376	Y
6	STD24 460-979633/3	24.0	29.440657	8.0	522631.0	1.226694	Y



Calibration / 2,4-Dinitrophenol

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

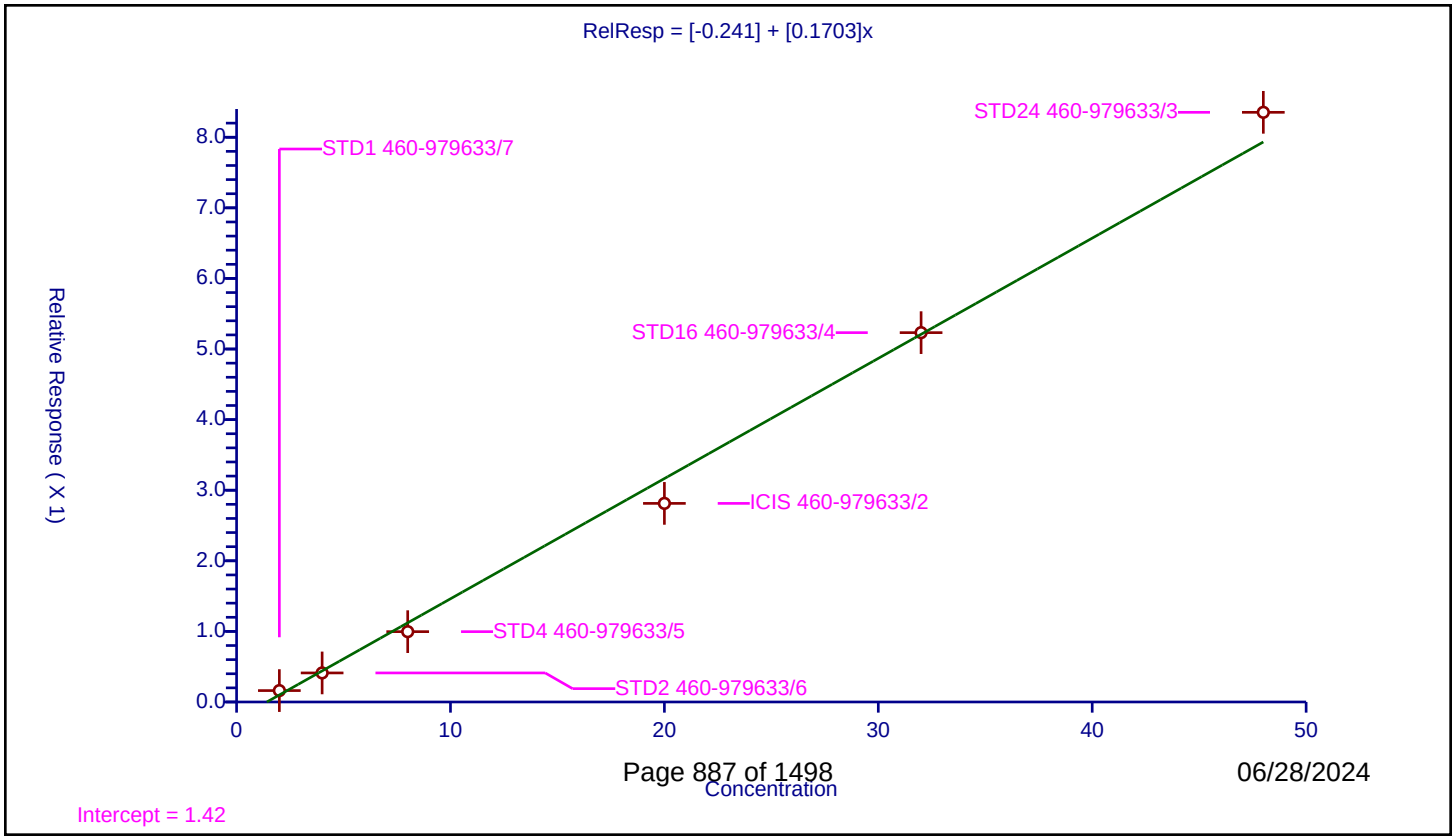
Curve Coefficients

Intercept:	-0.241
Slope:	0.1703

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	2.0	0.16133	8.0	556424.0	0.080665	Y
2	STD2 460-979633/6	4.0	0.411458	8.0	563460.0	0.102864	Y
3	STD4 460-979633/5	8.0	0.996382	8.0	567108.0	0.124548	Y
4	ICIS 460-979633/2	20.0	2.813278	8.0	575454.0	0.140664	Y
5	STD16 460-979633/4	32.0	5.231958	8.0	551928.0	0.163499	Y
6	STD24 460-979633/3	48.0	8.353044	8.0	522631.0	0.174022	Y



Calibration / 4-Nitrophenol

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

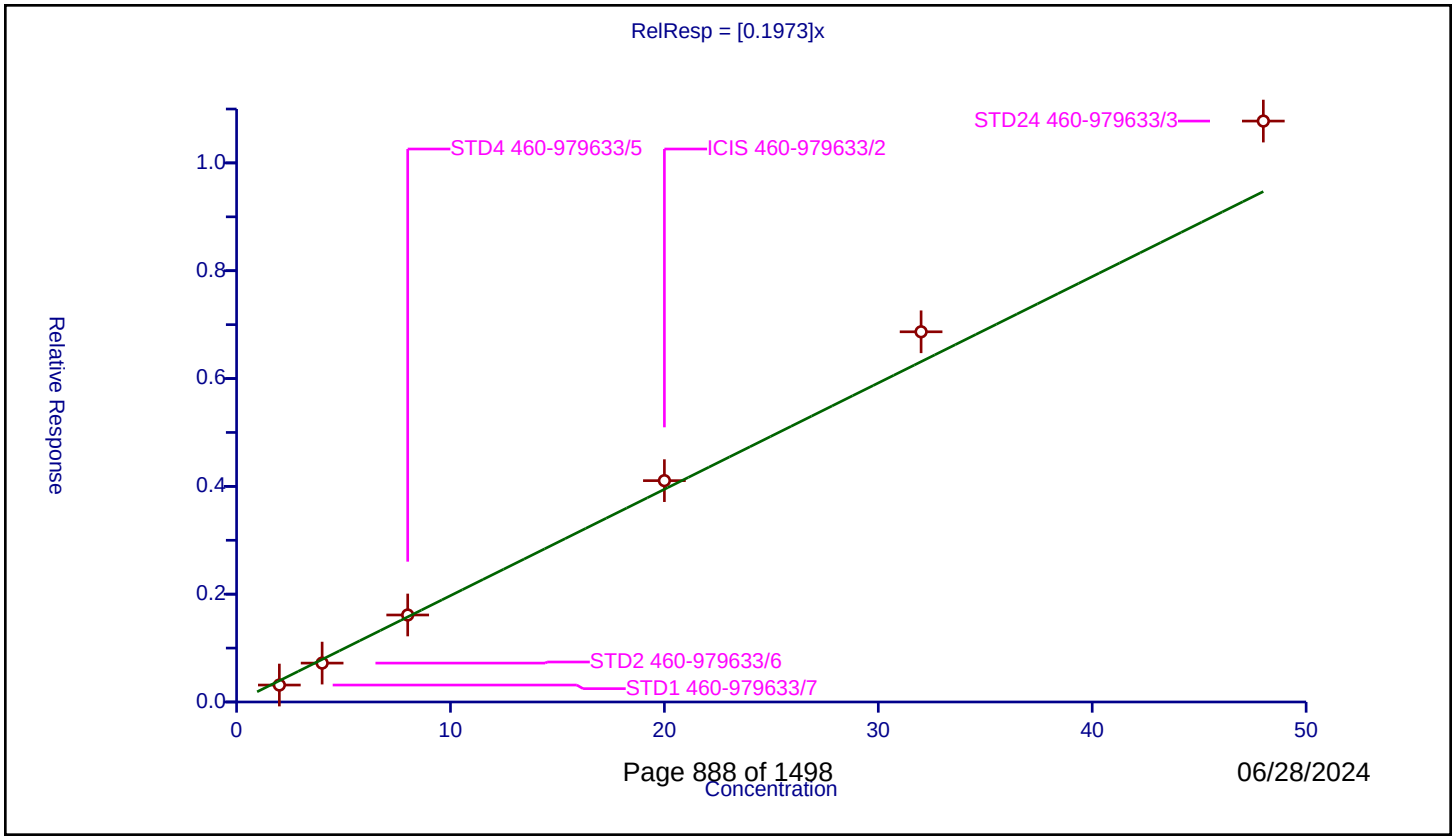
Curve Coefficients

Intercept:	0
Slope:	0.1973

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	2.0	0.314278	8.0	556424.0	0.157139	Y
2	STD2 460-979633/6	4.0	0.721386	8.0	563460.0	0.180346	Y
3	STD4 460-979633/5	8.0	1.61383	8.0	567108.0	0.201729	Y
4	ICIS 460-979633/2	20.0	4.106184	8.0	575454.0	0.205309	Y
5	STD16 460-979633/4	32.0	6.867388	8.0	551928.0	0.214606	Y
6	STD24 460-979633/3	48.0	10.776536	8.0	522631.0	0.224511	Y



Calibration / 2,4-Dinitrotoluene

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

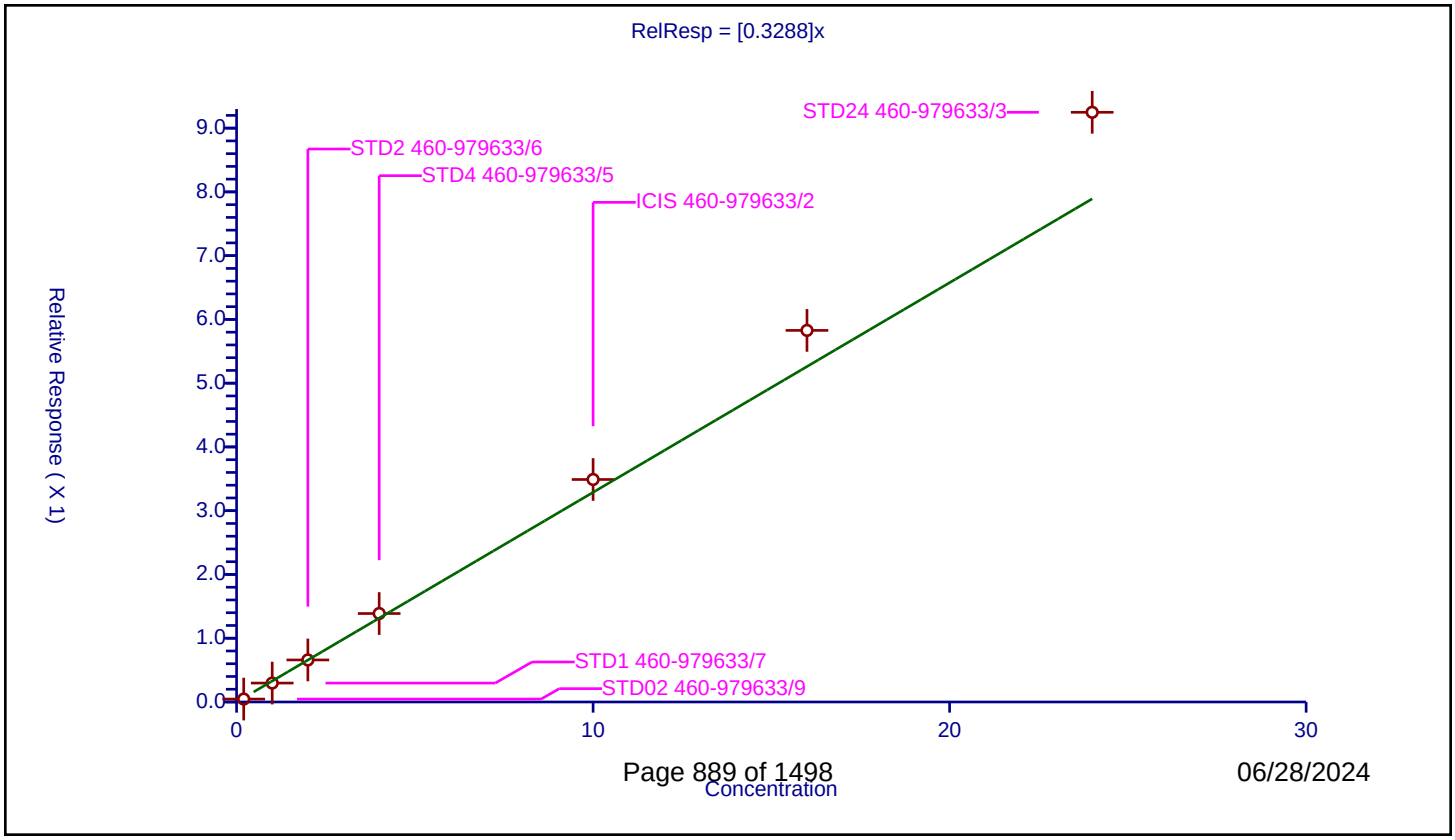
Curve Coefficients

Intercept:	0
Slope:	0.3288

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.045946	8.0	603489.0	0.229731	Y
2	STD1 460-979633/7	1.0	0.296853	8.0	556424.0	0.296853	Y
3	STD2 460-979633/6	2.0	0.659341	8.0	563460.0	0.32967	Y
4	STD4 460-979633/5	4.0	1.387503	8.0	567108.0	0.346876	Y
5	ICIS 460-979633/2	10.0	3.489419	8.0	575454.0	0.348942	Y
6	STD16 460-979633/4	16.0	5.827876	8.0	551928.0	0.364242	Y
7	STD24 460-979633/3	24.0	9.248453	8.0	522631.0	0.385352	Y



06/28/2024

Calibration / Dibenzofuran

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

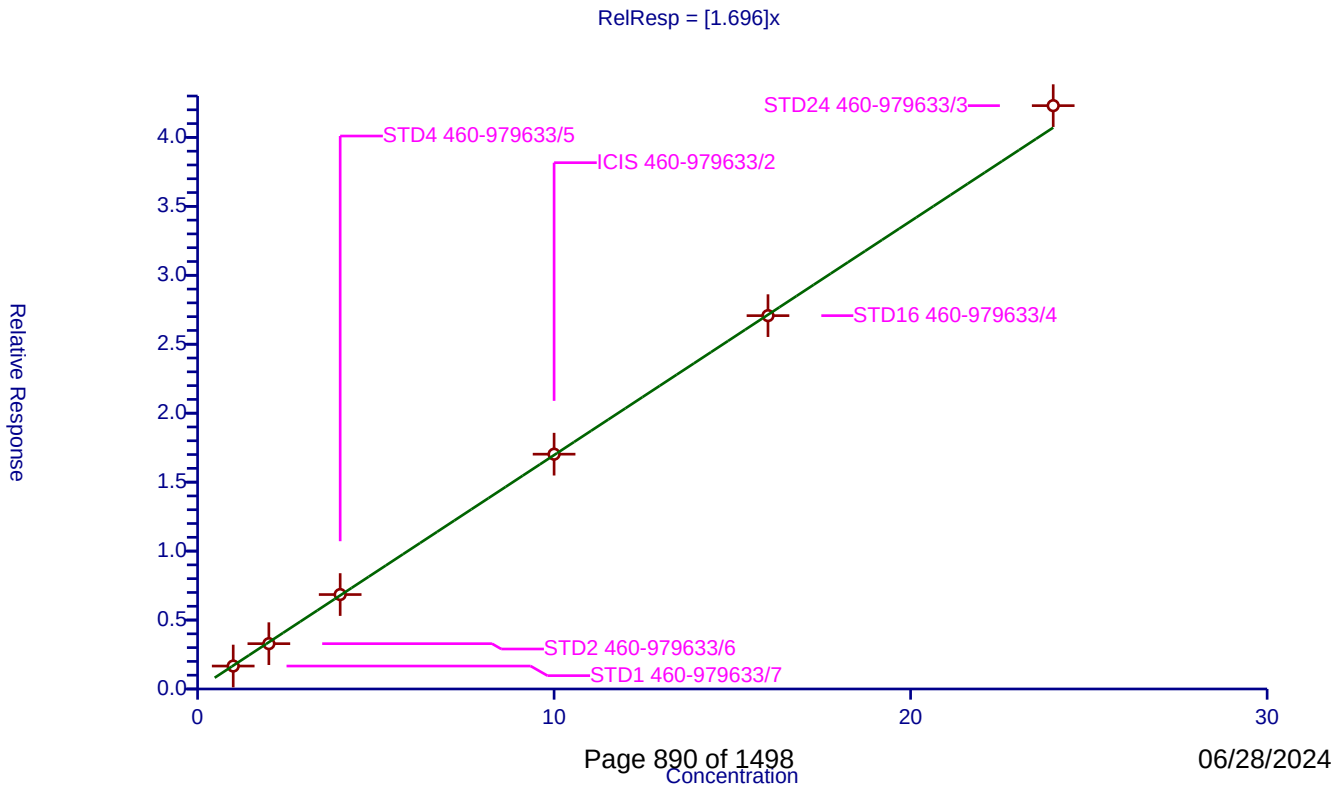
Curve Coefficients

Intercept:	0
Slope:	1.696

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.664472	8.0	556424.0	1.664472	Y
2	STD2 460-979633/6	2.0	3.286693	8.0	563460.0	1.643346	Y
3	STD4 460-979633/5	4.0	6.847824	8.0	567108.0	1.711956	Y
4	ICIS 460-979633/2	10.0	17.027696	8.0	575454.0	1.70277	Y
5	STD16 460-979633/4	16.0	27.07272	8.0	551928.0	1.692045	Y
6	STD24 460-979633/3	24.0	42.301524	8.0	522631.0	1.762564	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

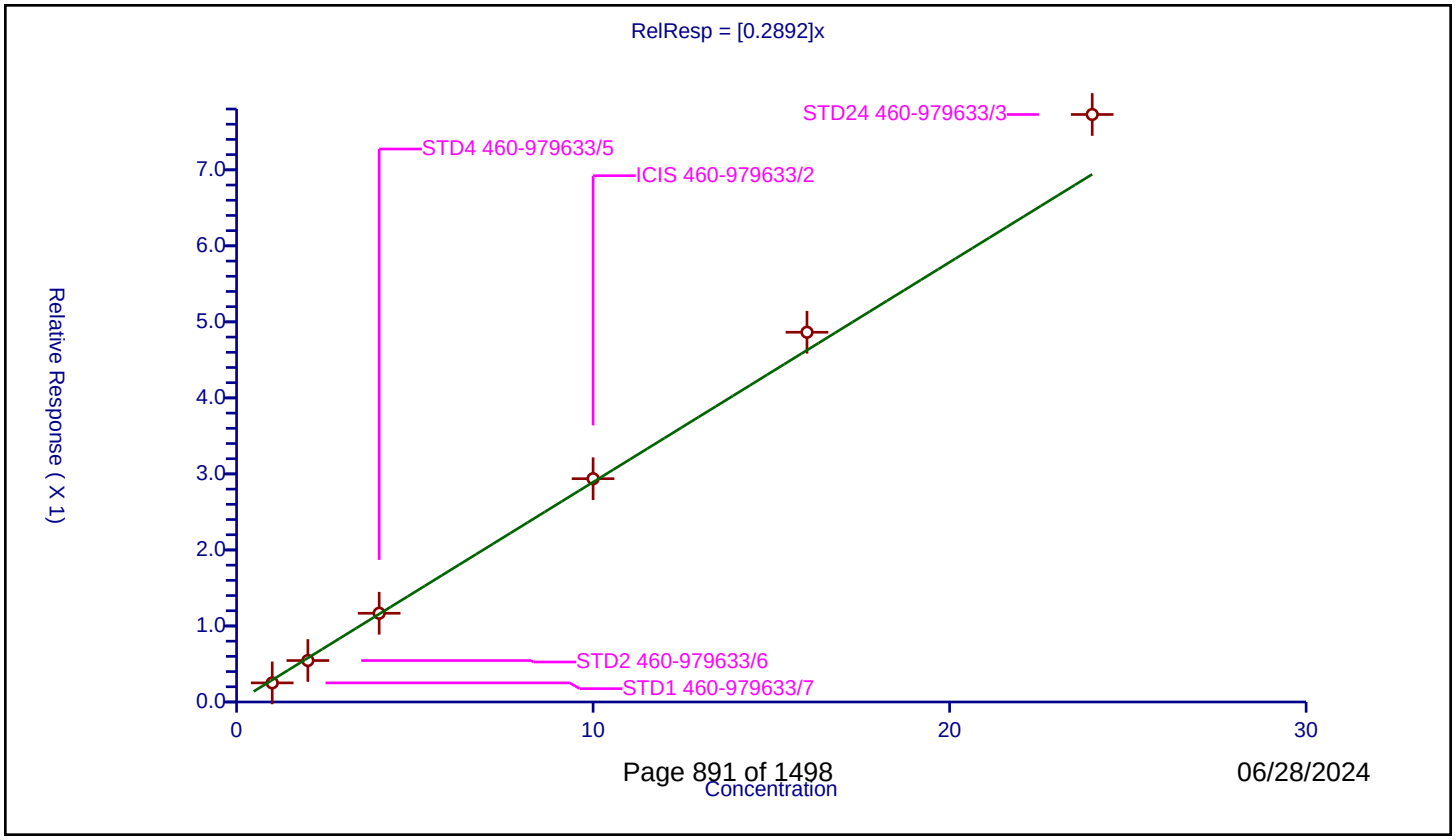
Curve Coefficients

Intercept:	0
Slope:	0.2892

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.251276	8.0	556424.0	0.251276	Y
2	STD2 460-979633/6	2.0	0.545302	8.0	563460.0	0.272651	Y
3	STD4 460-979633/5	4.0	1.167143	8.0	567108.0	0.291786	Y
4	ICIS 460-979633/2	10.0	2.937243	8.0	575454.0	0.293724	Y
5	STD16 460-979633/4	16.0	4.86362	8.0	551928.0	0.303976	Y
6	STD24 460-979633/3	24.0	7.728191	8.0	522631.0	0.322008	Y



Calibration / Diethyl phthalate

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

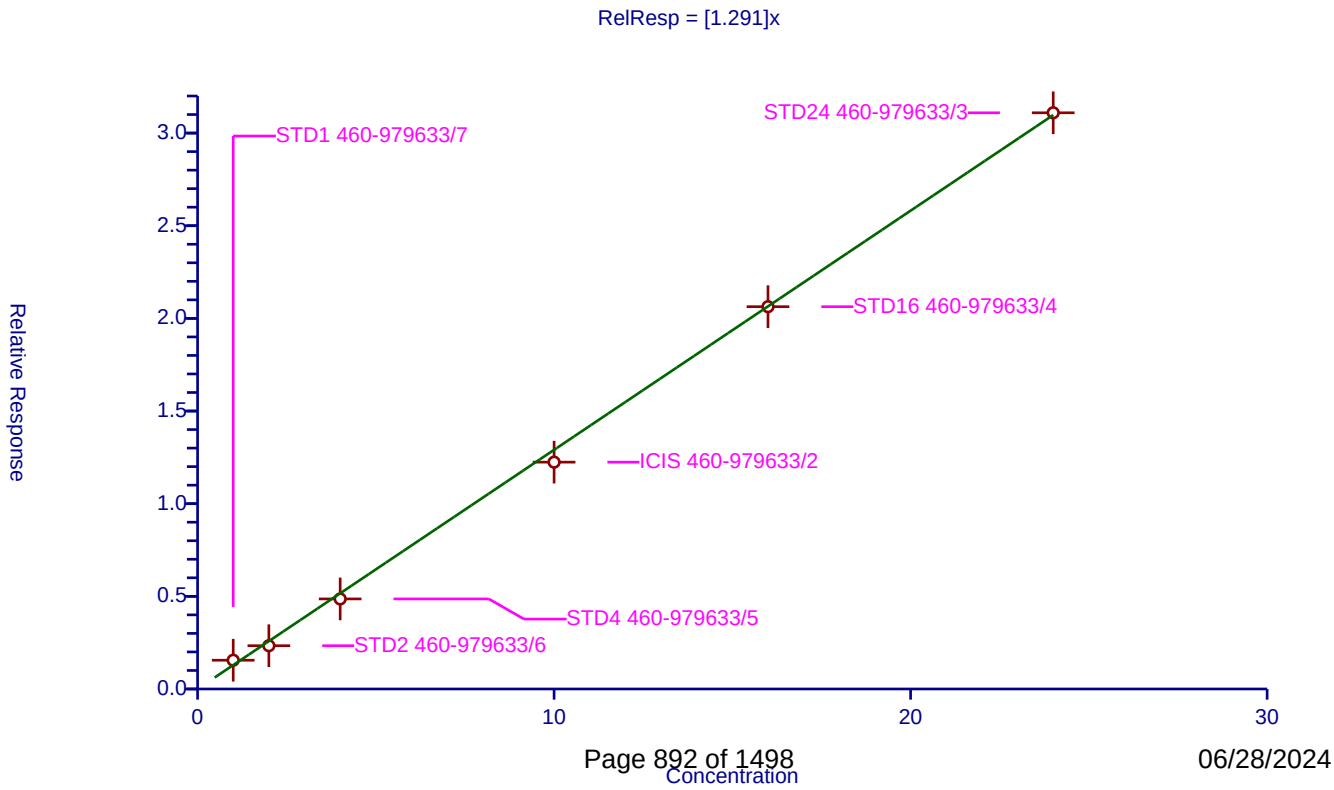
Curve Coefficients

Intercept:	0
Slope:	1.291

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.551766	8.0	556424.0	1.551766	Y
2	STD2 460-979633/6	2.0	2.334845	8.0	563460.0	1.167423	Y
3	STD4 460-979633/5	4.0	4.859984	8.0	567108.0	1.214996	Y
4	ICIS 460-979633/2	10.0	12.241479	8.0	575454.0	1.224148	Y
5	STD16 460-979633/4	16.0	20.631068	8.0	551928.0	1.289442	Y
6	STD24 460-979633/3	24.0	31.095255	8.0	522631.0	1.295636	Y



Calibration / Fluorene

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

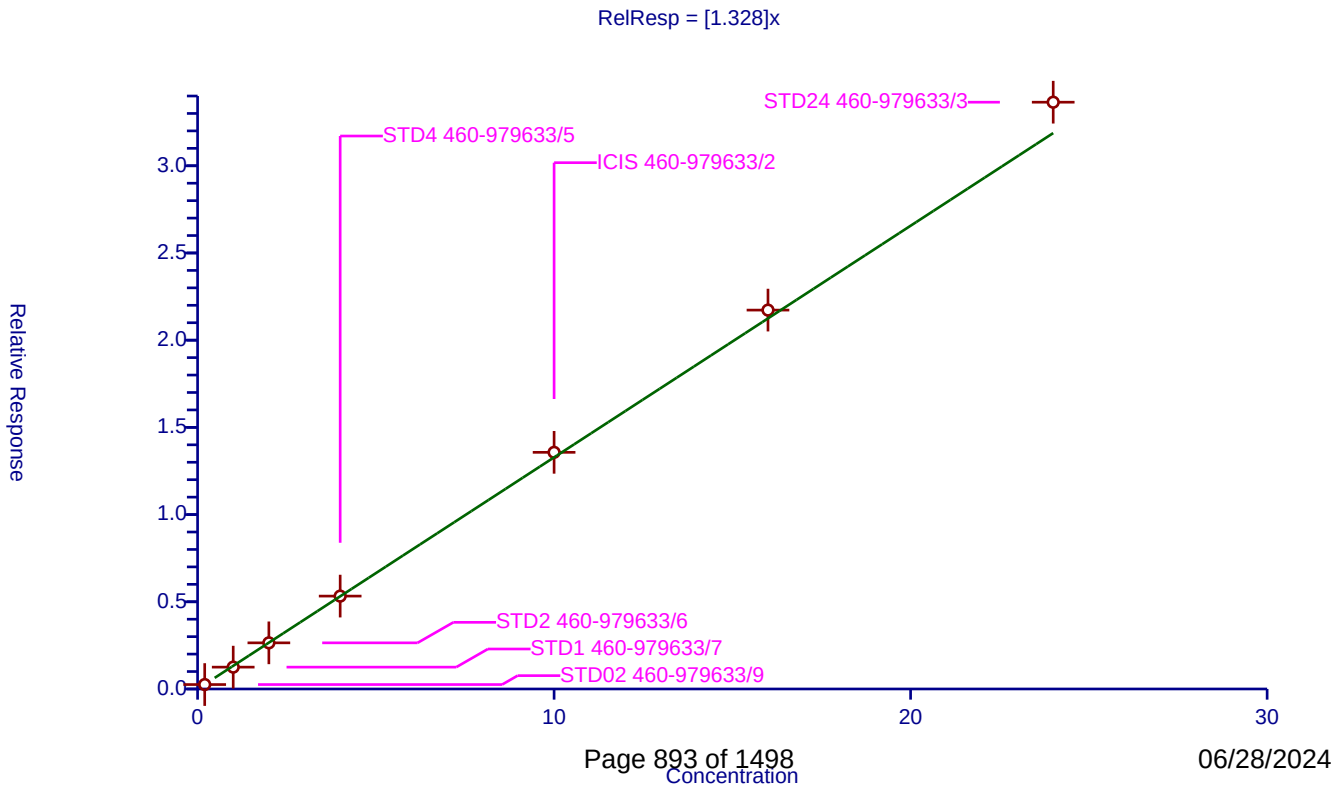
Curve Coefficients

Intercept:	0
Slope:	1.328

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.254454	8.0	603489.0	1.272268	Y
2	STD1 460-979633/7	1.0	1.253375	8.0	556424.0	1.253375	Y
3	STD2 460-979633/6	2.0	2.645725	8.0	563460.0	1.322862	Y
4	STD4 460-979633/5	4.0	5.325984	8.0	567108.0	1.331496	Y
5	ICIS 460-979633/2	10.0	13.56889	8.0	575454.0	1.356889	Y
6	STD16 460-979633/4	16.0	21.724979	8.0	551928.0	1.357811	Y
7	STD24 460-979633/3	24.0	33.645964	8.0	522631.0	1.401915	Y



Calibration / 4-Chlorophenyl phenyl ether

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

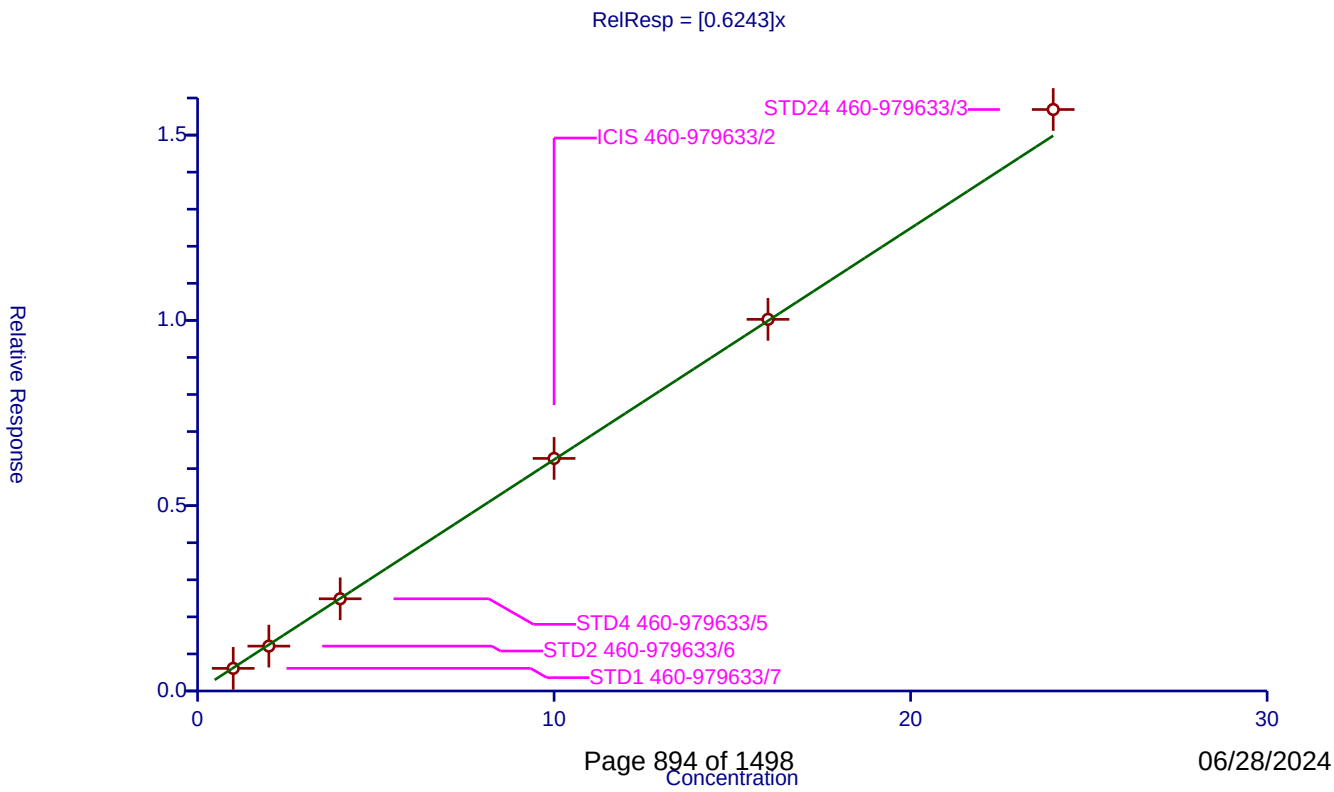
Curve Coefficients

Intercept:	0
Slope:	0.6243

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.610355	8.0	556424.0	0.610355	Y
2	STD2 460-979633/6	2.0	1.210762	8.0	563460.0	0.605381	Y
3	STD4 460-979633/5	4.0	2.48809	8.0	567108.0	0.622023	Y
4	ICIS 460-979633/2	10.0	6.275365	8.0	575454.0	0.627537	Y
5	STD16 460-979633/4	16.0	10.027772	8.0	551928.0	0.626736	Y
6	STD24 460-979633/3	24.0	15.689617	8.0	522631.0	0.653734	Y



Calibration / 4-Nitroaniline

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

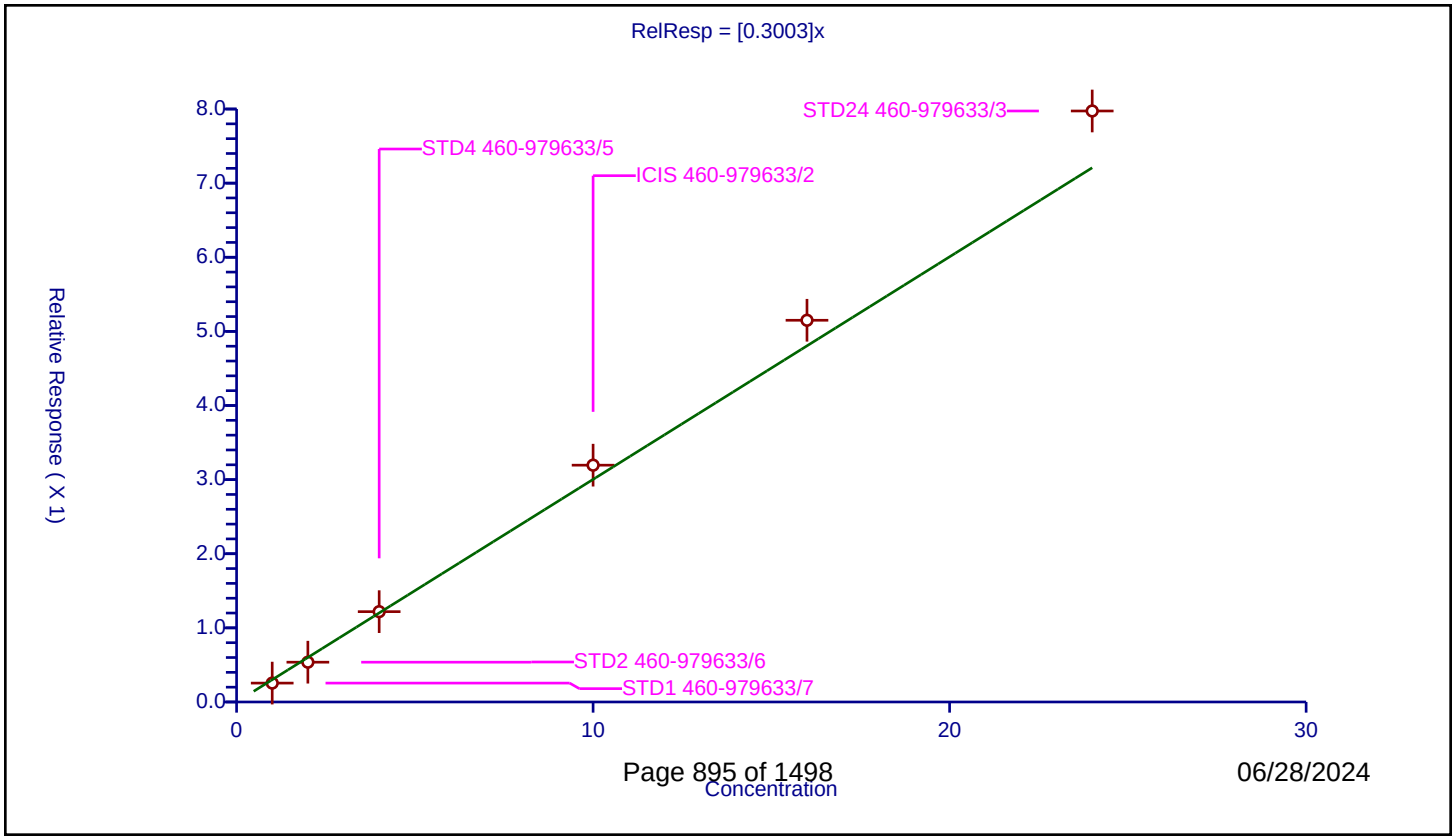
Curve Coefficients

Intercept:	0
Slope:	0.3003

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.255072	8.0	556424.0	0.255072	Y
2	STD2 460-979633/6	2.0	0.537025	8.0	563460.0	0.268512	Y
3	STD4 460-979633/5	4.0	1.218773	8.0	567108.0	0.304693	Y
4	ICIS 460-979633/2	10.0	3.195015	8.0	575454.0	0.319501	Y
5	STD16 460-979633/4	16.0	5.149947	8.0	551928.0	0.321872	Y
6	STD24 460-979633/3	24.0	7.973519	8.0	522631.0	0.33223	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

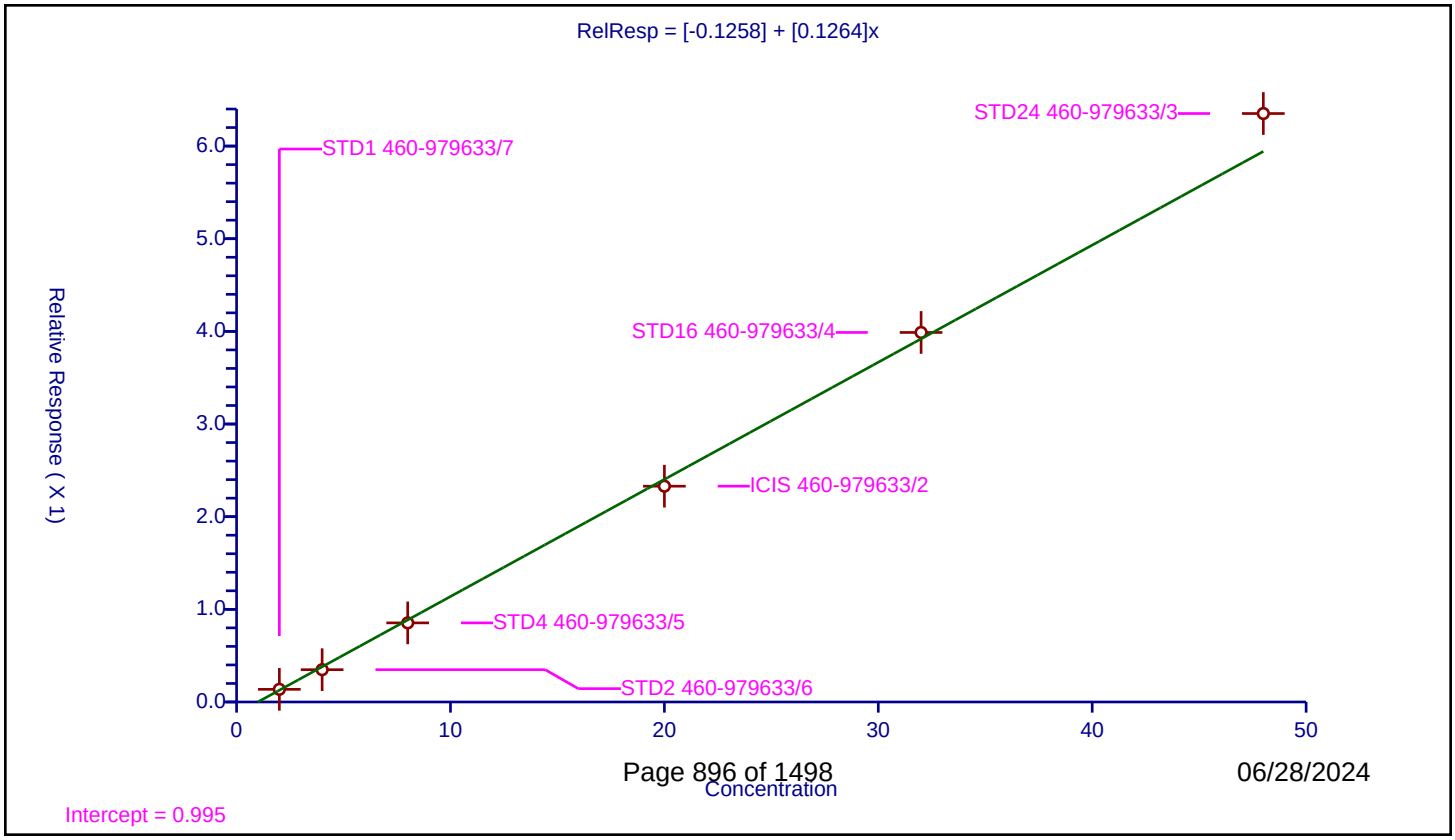
Curve Coefficients

Intercept:	-0.1258
Slope:	0.1264

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	2.0	0.136605	8.0	945678.0	0.068302	Y
2	STD2 460-979633/6	4.0	0.348619	8.0	943930.0	0.087155	Y
3	STD4 460-979633/5	8.0	0.853833	8.0	941767.0	0.106729	Y
4	ICIS 460-979633/2	20.0	2.329273	8.0	951679.0	0.116464	Y
5	STD16 460-979633/4	32.0	3.988291	8.0	925062.0	0.124634	Y
6	STD24 460-979633/3	48.0	6.351426	8.0	866868.0	0.132321	Y



Calibration / N-Nitrosodiphenylamine

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

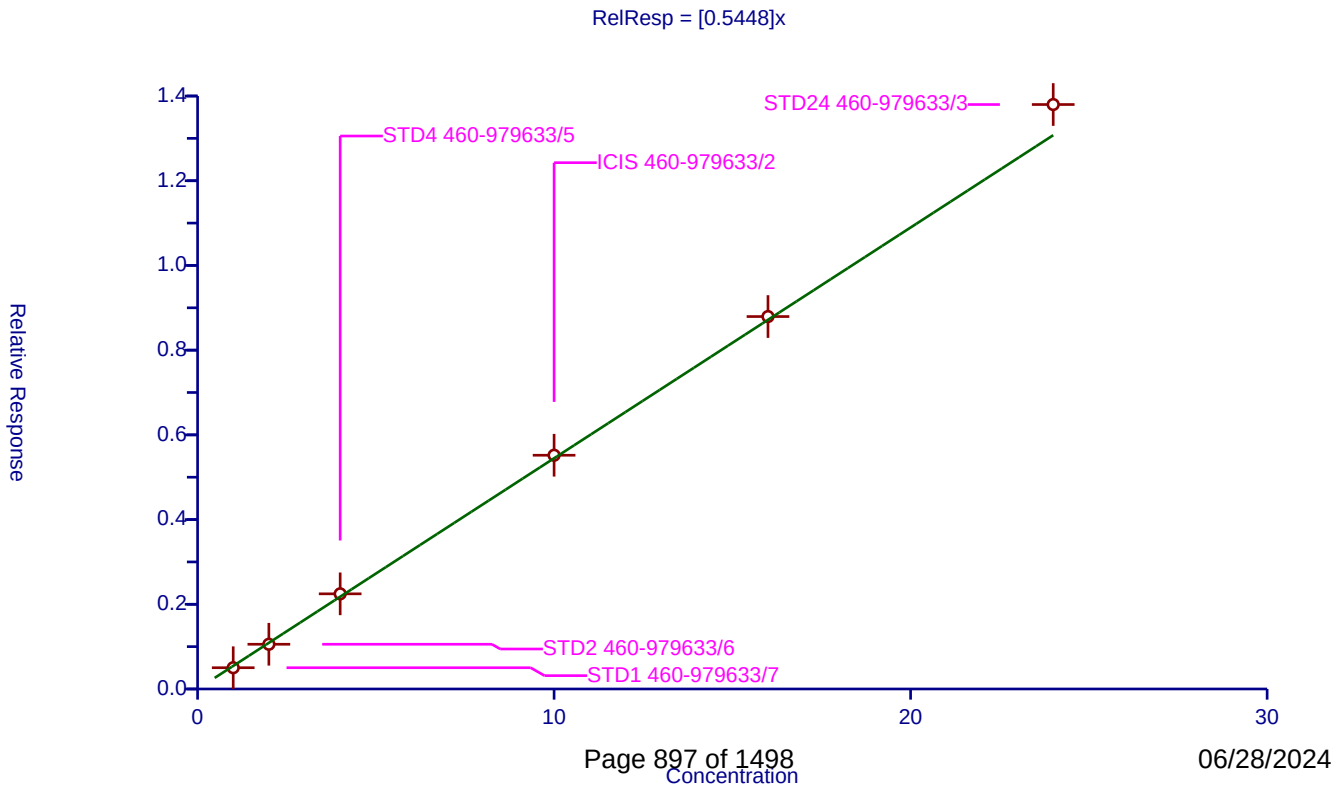
Curve Coefficients

Intercept:	0
Slope:	0.5448

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.502311	8.0	945678.0	0.502311	Y
2	STD2 460-979633/6	2.0	1.056366	8.0	943930.0	0.528183	Y
3	STD4 460-979633/5	4.0	2.246832	8.0	941767.0	0.561708	Y
4	ICIS 460-979633/2	10.0	5.518962	8.0	951679.0	0.551896	Y
5	STD16 460-979633/4	16.0	8.792976	8.0	925062.0	0.549561	Y
6	STD24 460-979633/3	24.0	13.799148	8.0	866868.0	0.574965	Y



Calibration / 1,2-Diphenylhydrazine

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

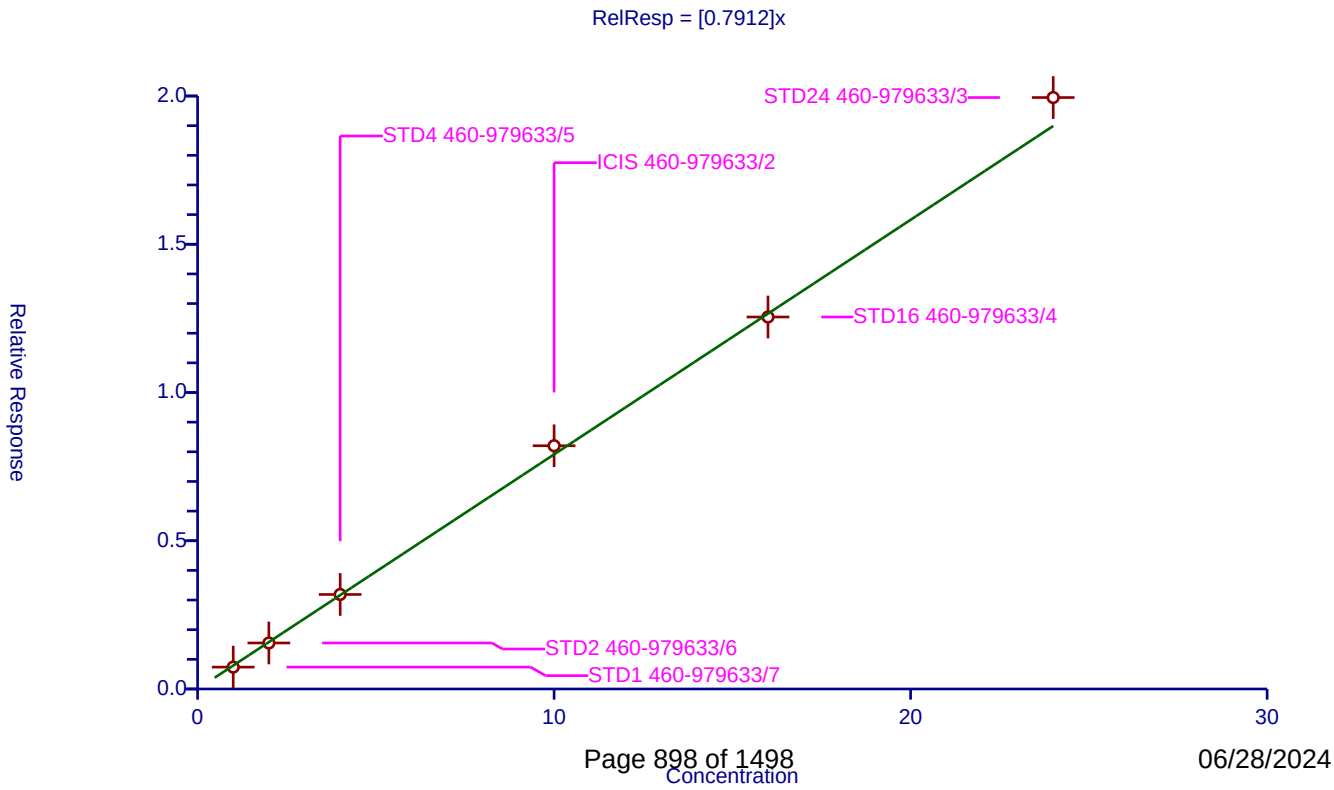
Curve Coefficients

Intercept:	0
Slope:	0.7912

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.738323	8.0	945678.0	0.738323	Y
2	STD2 460-979633/6	2.0	1.5522	8.0	943930.0	0.7761	Y
3	STD4 460-979633/5	4.0	3.188067	8.0	941767.0	0.797017	Y
4	ICIS 460-979633/2	10.0	8.204355	8.0	951679.0	0.820435	Y
5	STD16 460-979633/4	16.0	12.546861	8.0	925062.0	0.784179	Y
6	STD24 460-979633/3	24.0	19.948347	8.0	866868.0	0.831181	Y



06/28/2024

Calibration / Azobenzene

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

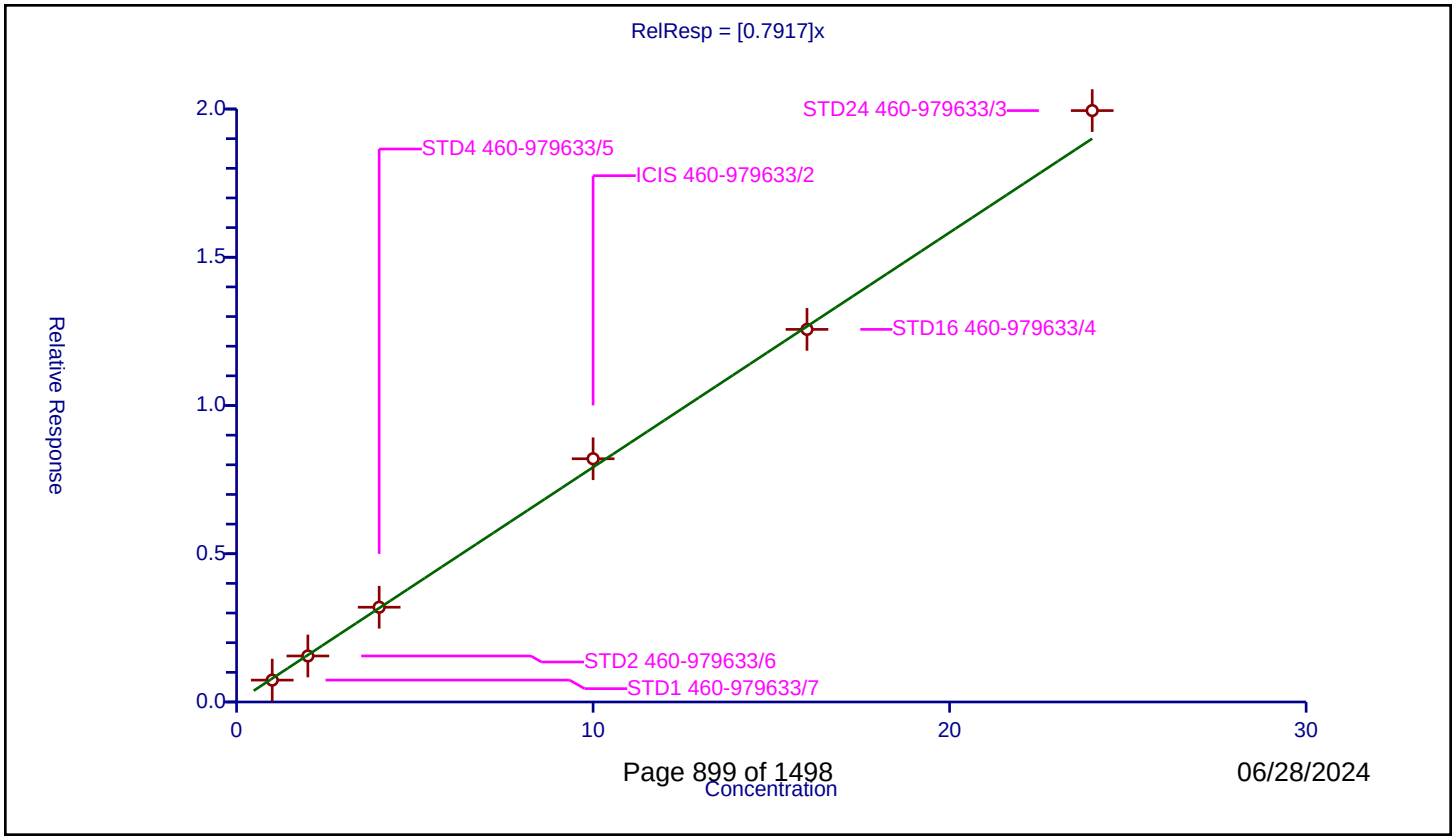
Curve Coefficients

Intercept:	0
Slope:	0.7917

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.738323	8.0	945678.0	0.738323	Y
2	STD2 460-979633/6	2.0	1.5522	8.0	943930.0	0.7761	Y
3	STD4 460-979633/5	4.0	3.195678	8.0	941767.0	0.798919	Y
4	ICIS 460-979633/2	10.0	8.204355	8.0	951679.0	0.820435	Y
5	STD16 460-979633/4	16.0	12.567434	8.0	925062.0	0.785465	Y
6	STD24 460-979633/3	24.0	19.946695	8.0	866868.0	0.831112	Y



06/28/2024

Calibration / 2,4,6-Tribromophenol

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

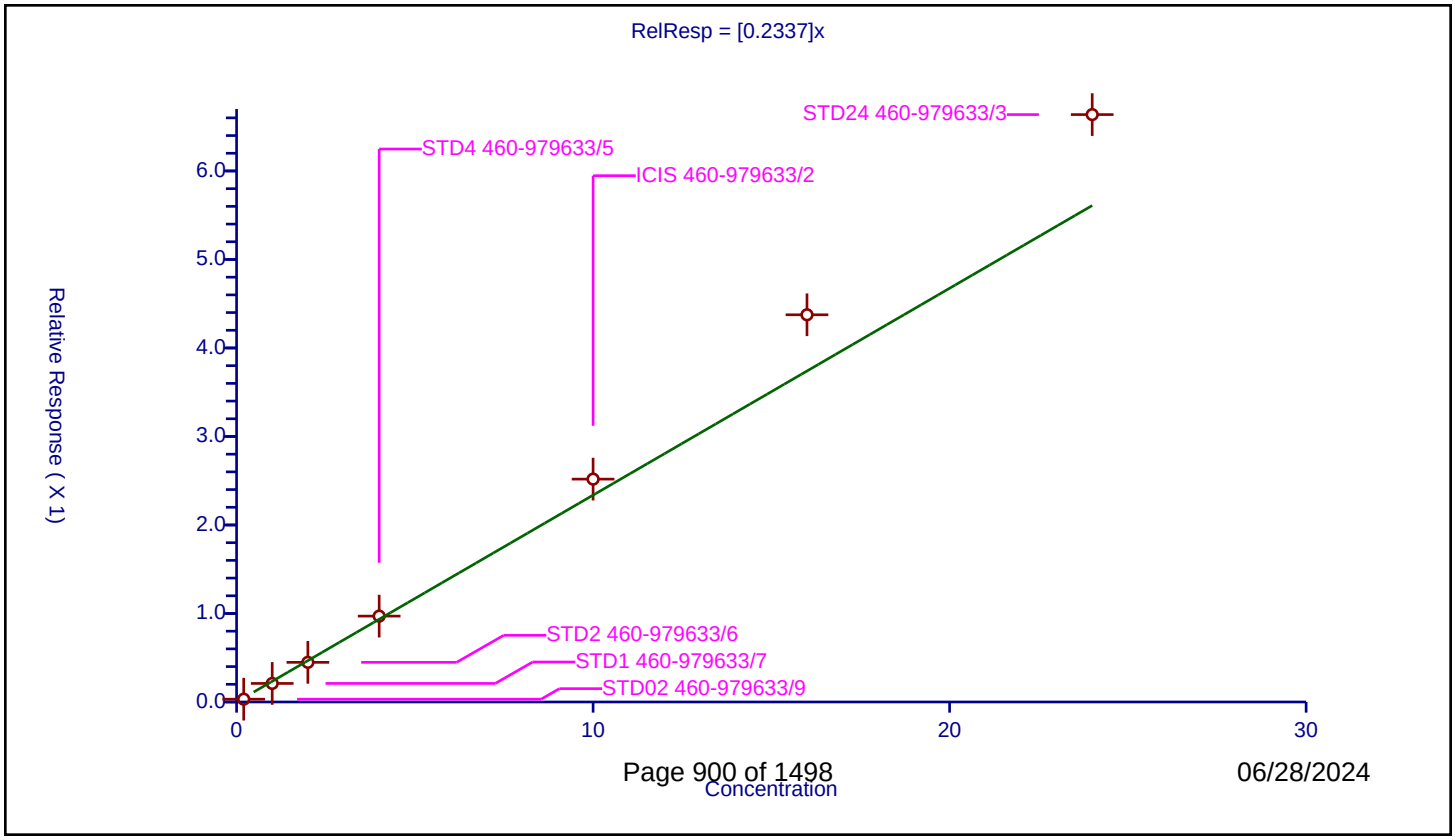
Curve Coefficients

Intercept:	0
Slope:	0.2337

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.031656	8.0	603489.0	0.15828	Y
2	STD1 460-979633/7	1.0	0.209481	8.0	556424.0	0.209481	Y
3	STD2 460-979633/6	2.0	0.447989	8.0	563460.0	0.223995	Y
4	STD4 460-979633/5	4.0	0.970284	8.0	567108.0	0.242571	Y
5	ICIS 460-979633/2	10.0	2.518095	8.0	575454.0	0.25181	Y
6	STD16 460-979633/4	16.0	4.375165	8.0	551928.0	0.273448	Y
7	STD24 460-979633/3	24.0	6.637004	8.0	522631.0	0.276542	Y



06/28/2024

Calibration / 4-Bromophenyl phenyl ether

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

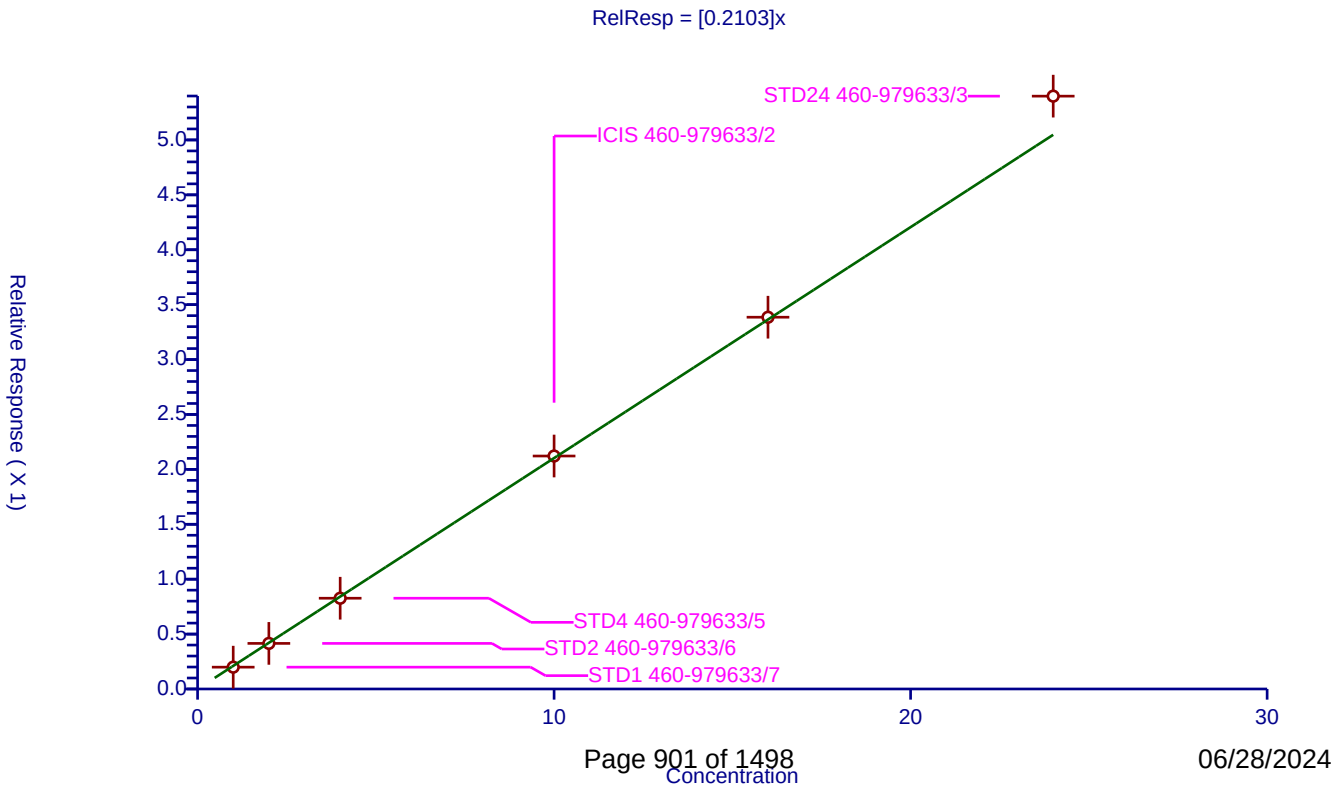
Curve Coefficients

Intercept:	0
Slope:	0.2103

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.198799	8.0	945678.0	0.198799	Y
2	STD2 460-979633/6	2.0	0.415251	8.0	943930.0	0.207626	Y
3	STD4 460-979633/5	4.0	0.826514	8.0	941767.0	0.206629	Y
4	ICIS 460-979633/2	10.0	2.121539	8.0	951679.0	0.212154	Y
5	STD16 460-979633/4	16.0	3.385486	8.0	925062.0	0.211593	Y
6	STD24 460-979633/3	24.0	5.398857	8.0	866868.0	0.224952	Y



Calibration / Hexachlorobenzene

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

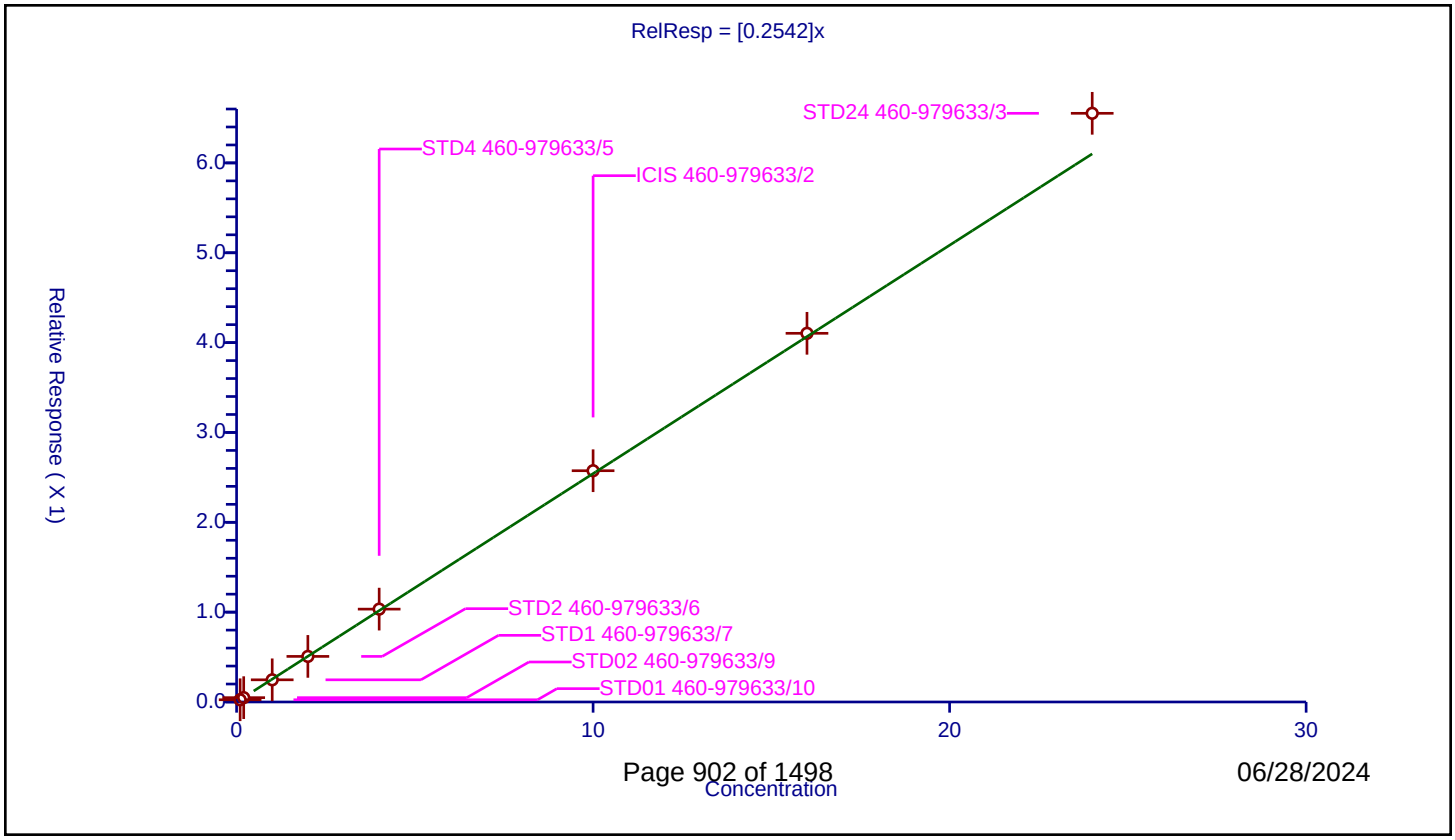
Curve Coefficients

Intercept:	0
Slope:	0.2542

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.02467	8.0	981934.0	0.246697	Y
2	STD02 460-979633/9	0.2	0.048216	8.0	1050939.0	0.24108	Y
3	STD1 460-979633/7	1.0	0.246849	8.0	945678.0	0.246849	Y
4	STD2 460-979633/6	2.0	0.507309	8.0	943930.0	0.253654	Y
5	STD4 460-979633/5	4.0	1.033555	8.0	941767.0	0.258389	Y
6	ICIS 460-979633/2	10.0	2.574162	8.0	951679.0	0.257416	Y
7	STD16 460-979633/4	16.0	4.103526	8.0	925062.0	0.25647	Y
8	STD24 460-979633/3	24.0	6.552324	8.0	866868.0	0.273013	Y



Calibration / Atrazine

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

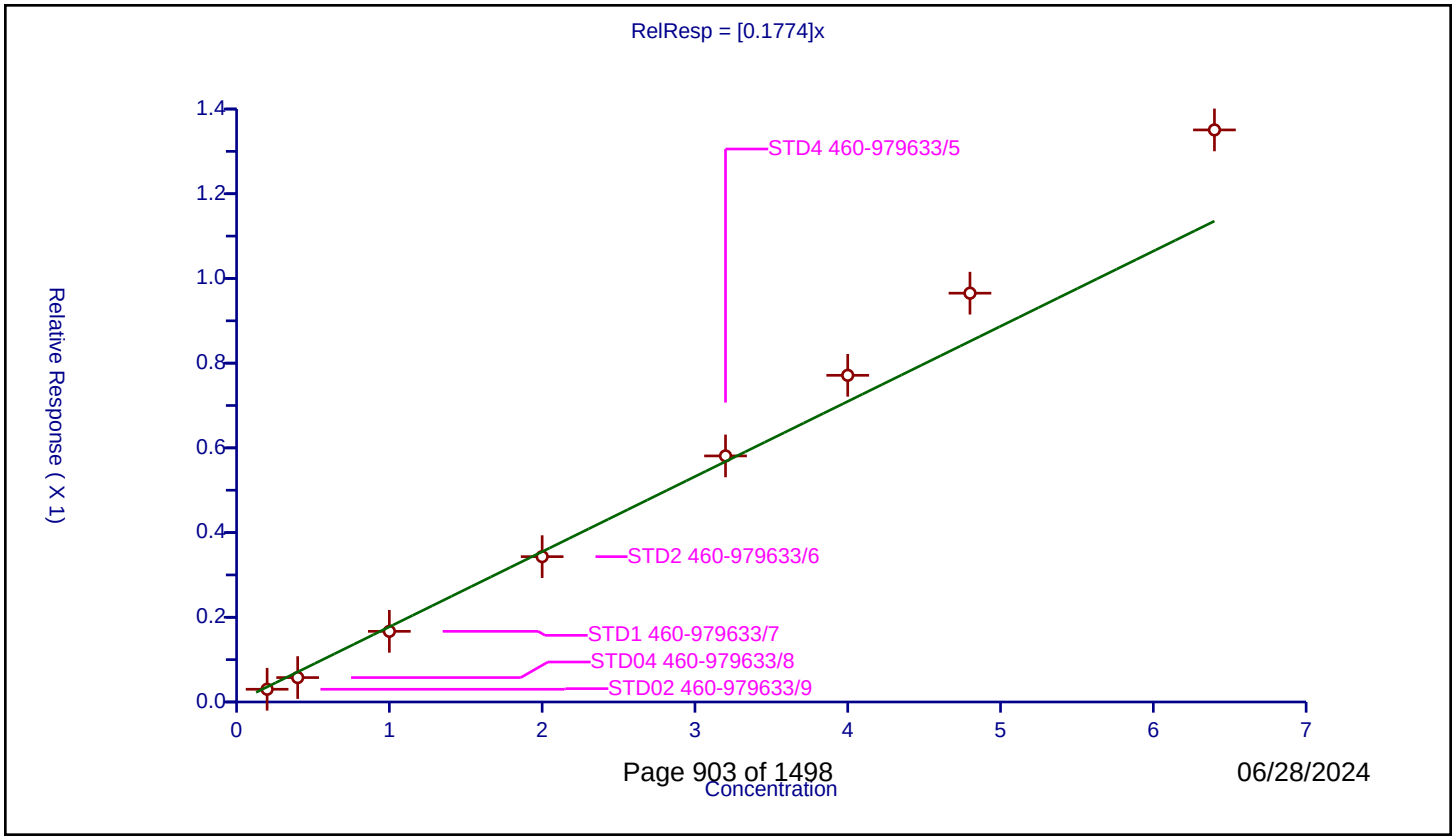
Curve Coefficients

Intercept:	0
Slope:	0.1774

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.030053	8.0	1050939.0	0.150266	Y
2	STD04 460-979633/8	0.4	0.057625	8.0	966107.0	0.144063	Y
3	STD1 460-979633/7	1.0	0.166831	8.0	945678.0	0.166831	Y
4	STD2 460-979633/6	2.0	0.34317	8.0	943930.0	0.171585	Y
5	STD4 460-979633/5	3.2	0.580942	8.0	941767.0	0.181544	Y
6	ICIS 460-979633/2	4.0	0.77126	8.0	951679.0	0.192815	Y
7	STD16 460-979633/4	4.8	0.965185	8.0	925062.0	0.20108	Y
8	STD24 460-979633/3	6.4	1.350646	8.0	866868.0	0.211038	Y



Calibration / Pentachlorophenol

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

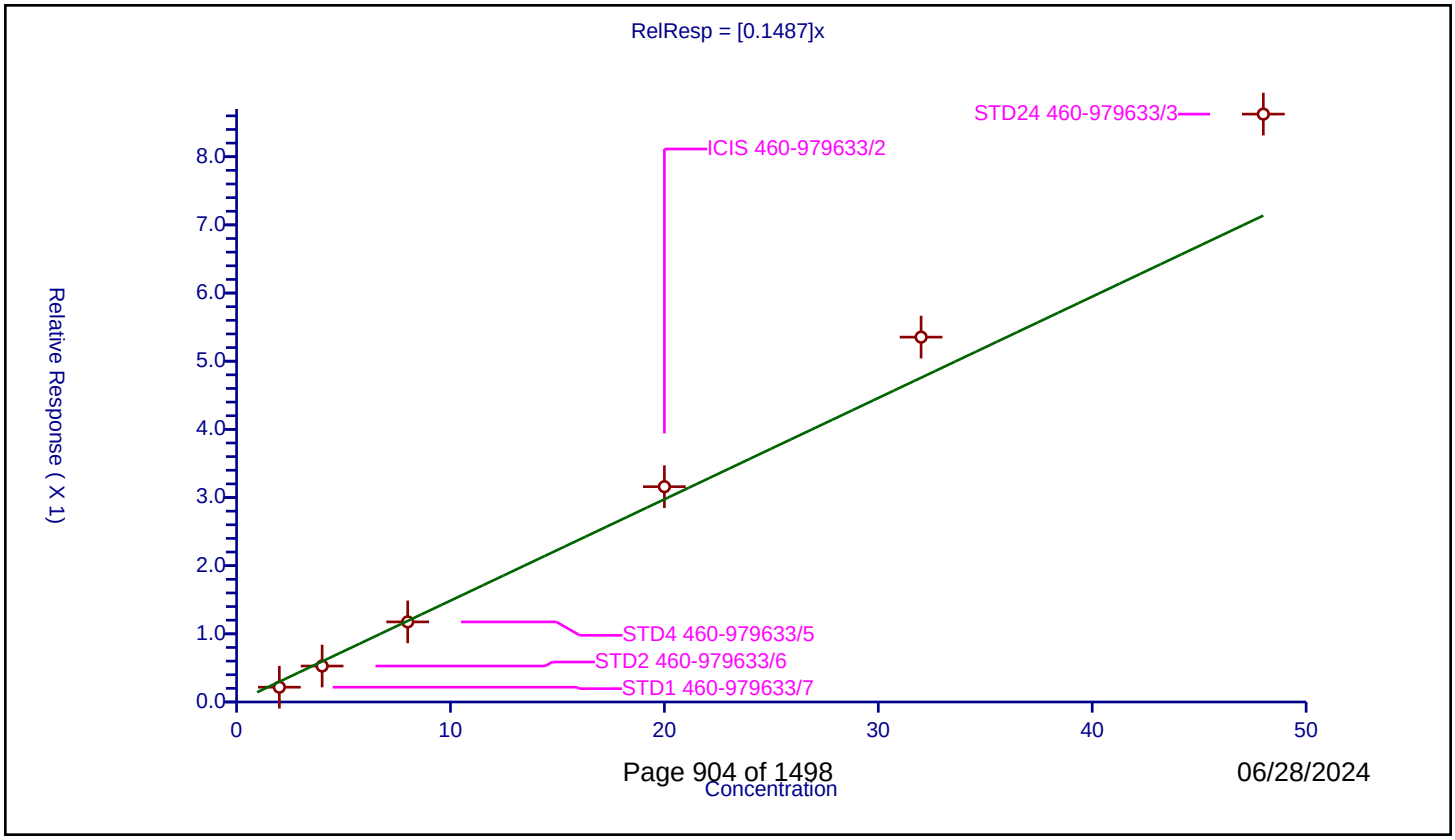
Curve Coefficients

Intercept:	0
Slope:	0.1487

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	2.0	0.216877	8.0	945678.0	0.108439	Y
2	STD2 460-979633/6	4.0	0.52742	8.0	943930.0	0.131855	Y
3	STD4 460-979633/5	8.0	1.174923	8.0	941767.0	0.146865	Y
4	ICIS 460-979633/2	20.0	3.158863	8.0	951679.0	0.157943	Y
5	STD16 460-979633/4	32.0	5.353431	8.0	925062.0	0.167295	Y
6	STD24 460-979633/3	48.0	8.625138	8.0	866868.0	0.17969	Y



Calibration / Pentachloronitrobenzene

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

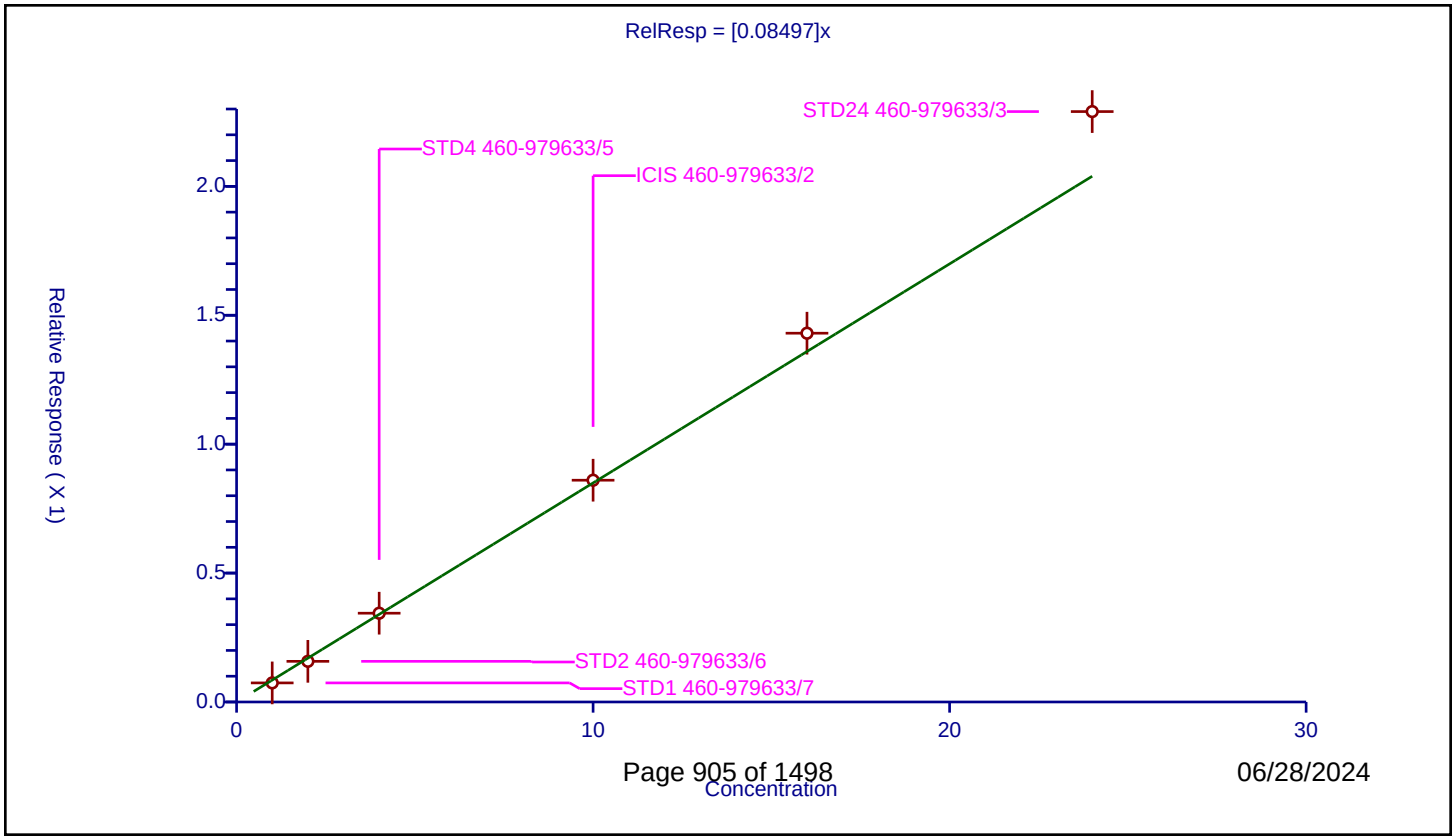
Curve Coefficients

Intercept:	0
Slope:	0.08497

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.074038	8.0	945678.0	0.074038	Y
2	STD2 460-979633/6	2.0	0.157664	8.0	943930.0	0.078832	Y
3	STD4 460-979633/5	4.0	0.344408	8.0	941767.0	0.086102	Y
4	ICIS 460-979633/2	10.0	0.860198	8.0	951679.0	0.08602	Y
5	STD16 460-979633/4	16.0	1.430399	8.0	925062.0	0.0894	Y
6	STD24 460-979633/3	24.0	2.290019	8.0	866868.0	0.095417	Y



Calibration / n-Octadecane

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

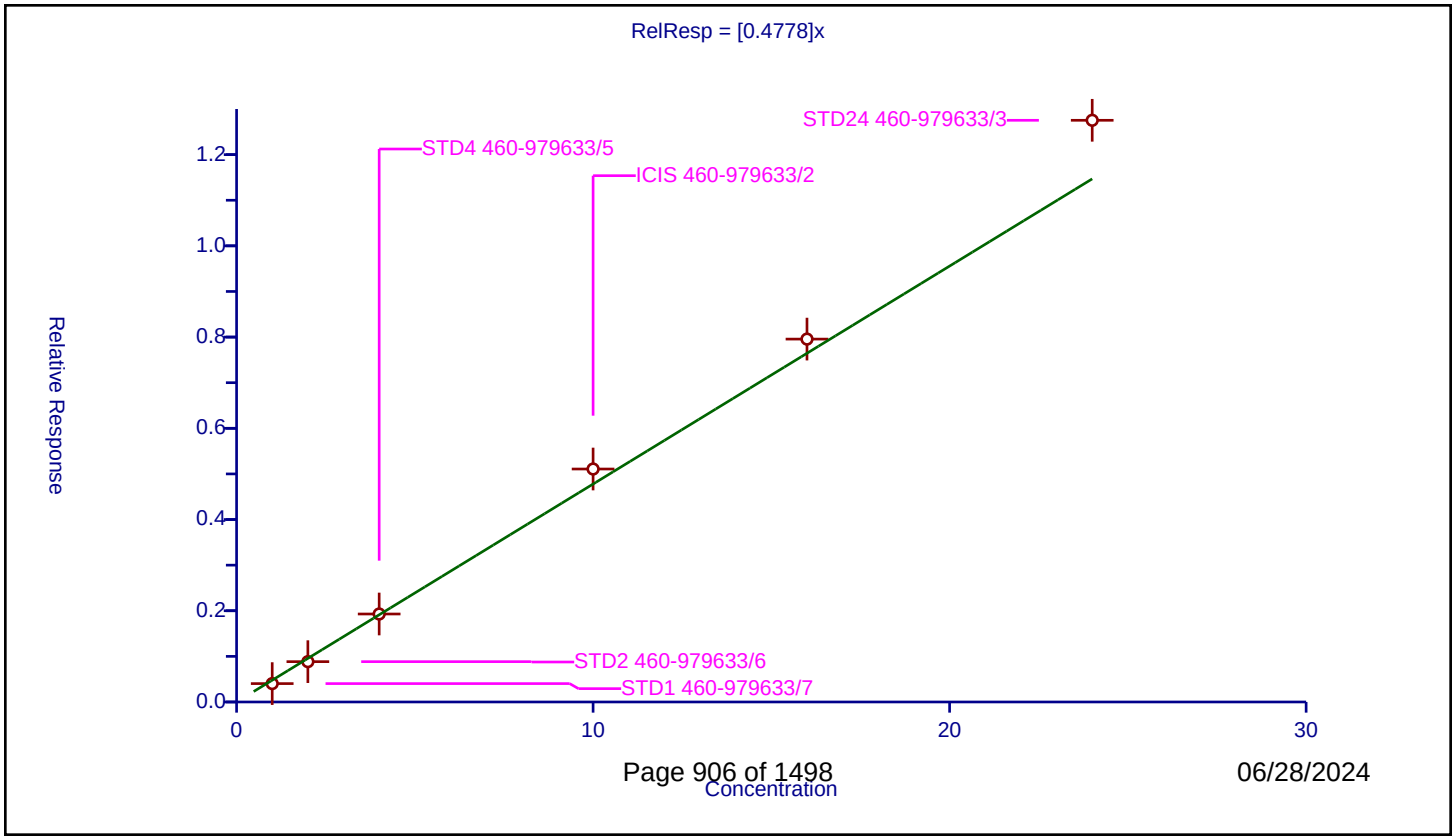
Curve Coefficients

Intercept:	0
Slope:	0.4778

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.403292	8.0	945678.0	0.403292	Y
2	STD2 460-979633/6	2.0	0.884184	8.0	943930.0	0.442092	Y
3	STD4 460-979633/5	4.0	1.929089	8.0	941767.0	0.482272	Y
4	ICIS 460-979633/2	10.0	5.107832	8.0	951679.0	0.510783	Y
5	STD16 460-979633/4	16.0	7.956016	8.0	925062.0	0.497251	Y
6	STD24 460-979633/3	24.0	12.752871	8.0	866868.0	0.53137	Y



Calibration / Phenanthrene

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

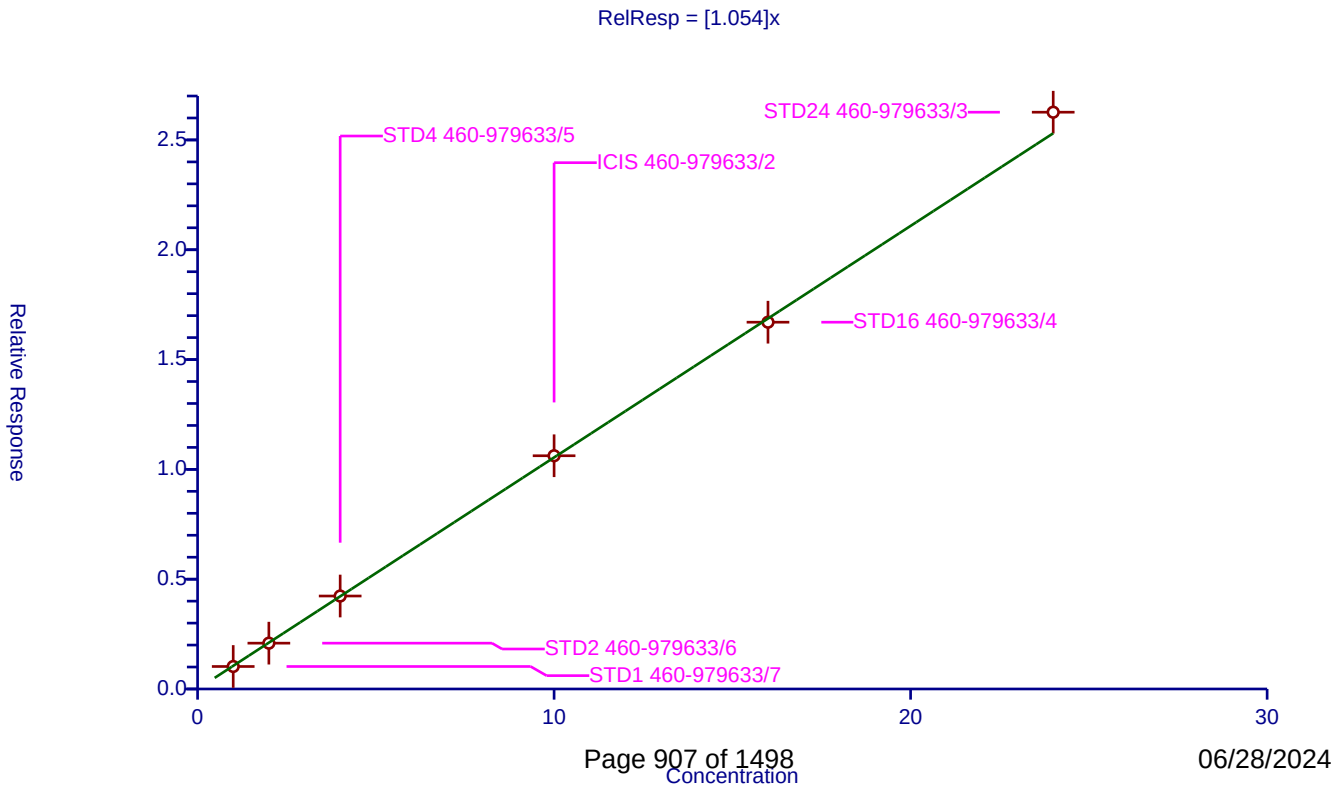
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	1.023866	8.0	945678.0	1.023866	Y
2	STD2 460-979633/6	2.0	2.086392	8.0	943930.0	1.043196	Y
3	STD4 460-979633/5	4.0	4.233344	8.0	941767.0	1.058336	Y
4	ICIS 460-979633/2	10.0	10.620556	8.0	951679.0	1.062056	Y
5	STD16 460-979633/4	16.0	16.701523	8.0	925062.0	1.043845	Y
6	STD24 460-979633/3	24.0	26.26344	8.0	866868.0	1.09431	Y



Calibration / Anthracene

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

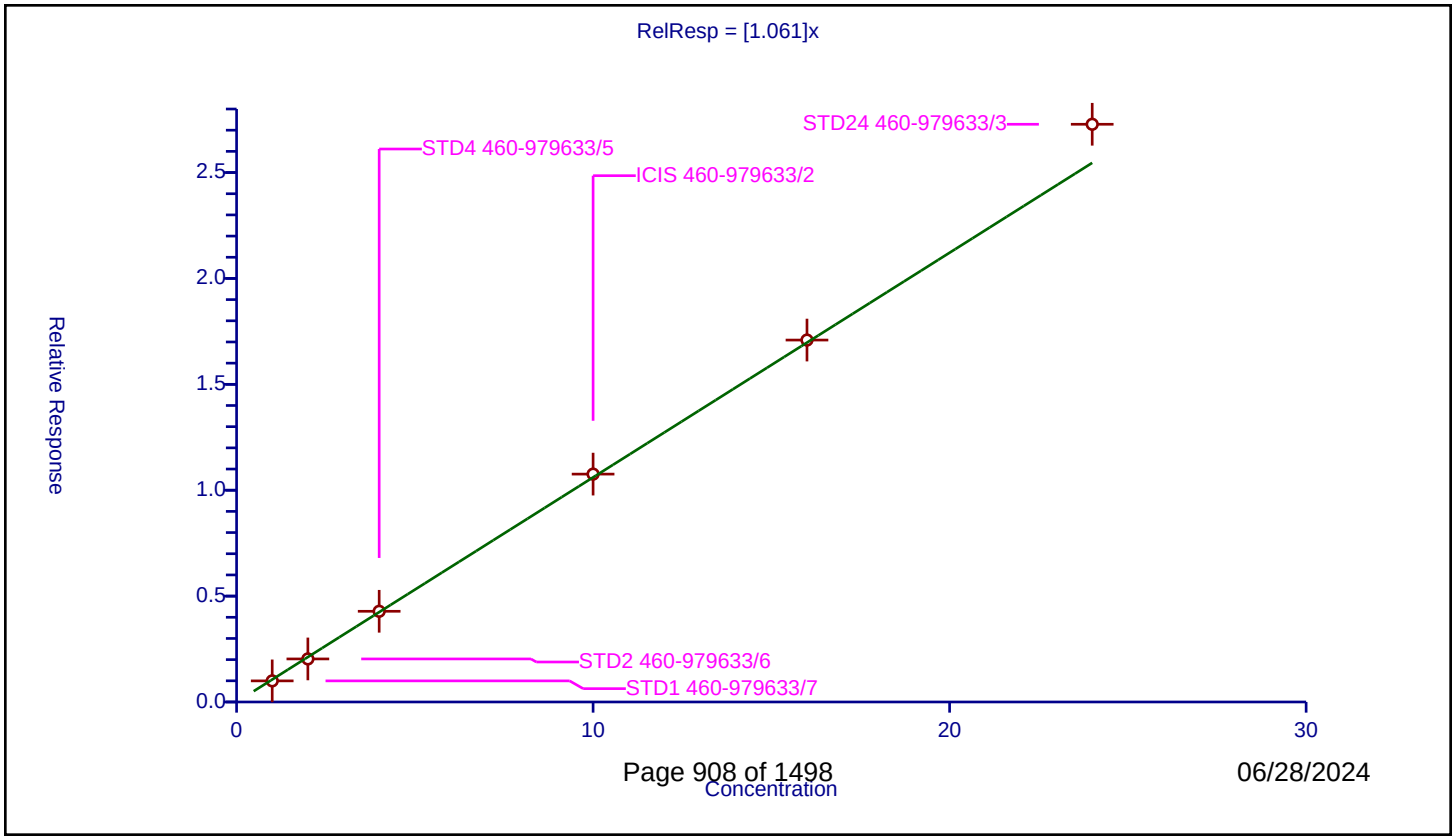
Curve Coefficients

Intercept:	0
Slope:	1.061

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.99606	8.0	945678.0	0.99606	Y
2	STD2 460-979633/6	2.0	2.033371	8.0	943930.0	1.016686	Y
3	STD4 460-979633/5	4.0	4.283004	8.0	941767.0	1.070751	Y
4	ICIS 460-979633/2	10.0	10.760292	8.0	951679.0	1.076029	Y
5	STD16 460-979633/4	16.0	17.090807	8.0	925062.0	1.068175	Y
6	STD24 460-979633/3	24.0	27.279641	8.0	866868.0	1.136652	Y



Calibration / Carbazole

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

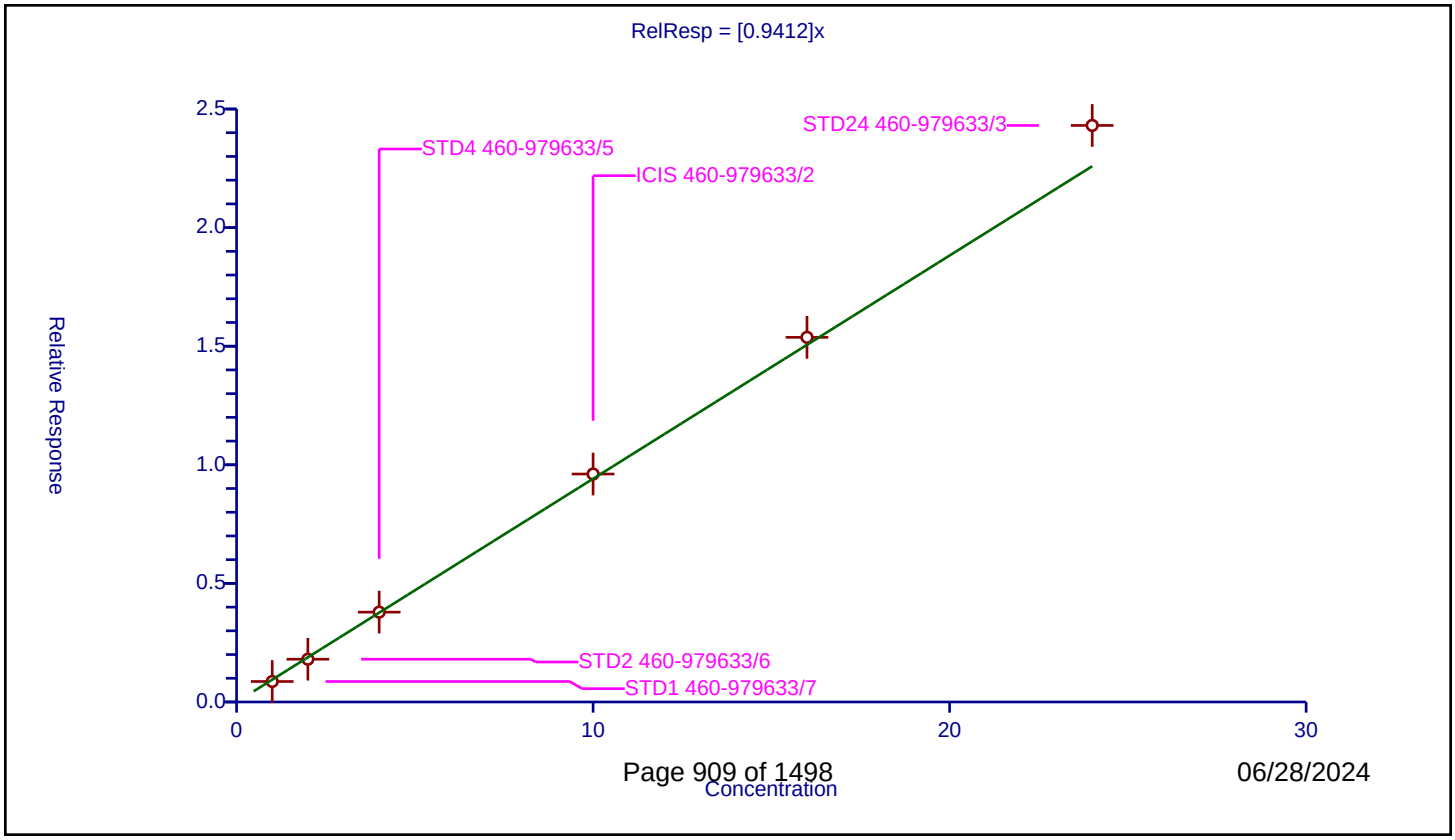
Curve Coefficients

Intercept:	0
Slope:	0.9412

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.863685	8.0	945678.0	0.863685	Y
2	STD2 460-979633/6	2.0	1.802481	8.0	943930.0	0.901241	Y
3	STD4 460-979633/5	4.0	3.788793	8.0	941767.0	0.947198	Y
4	ICIS 460-979633/2	10.0	9.611148	8.0	951679.0	0.961115	Y
5	STD16 460-979633/4	16.0	15.374061	8.0	925062.0	0.960879	Y
6	STD24 460-979633/3	24.0	24.307332	8.0	866868.0	1.012805	Y



06/28/2024

Calibration / Di-n-butyl phthalate

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

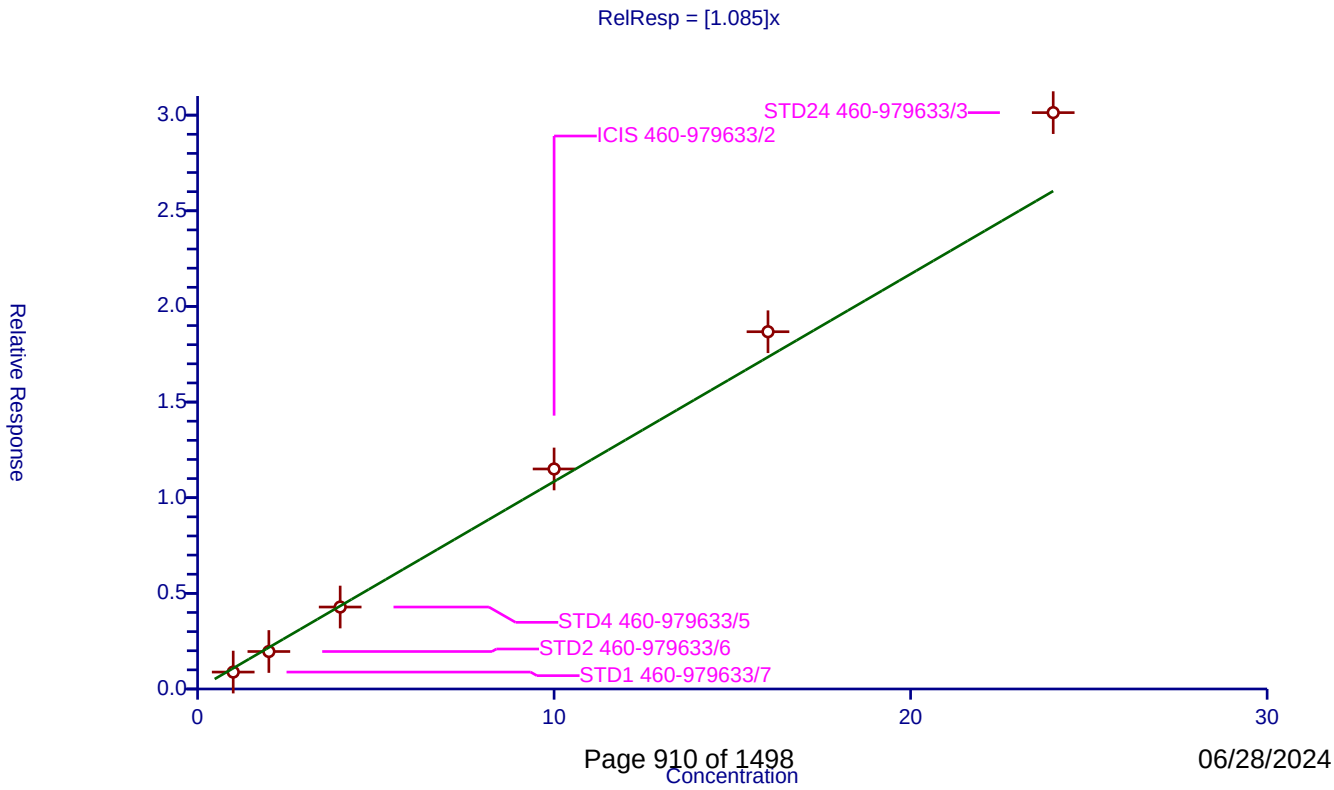
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.88414	8.0	945678.0	0.88414	Y
2	STD2 460-979633/6	2.0	1.958883	8.0	943930.0	0.979441	Y
3	STD4 460-979633/5	4.0	4.284831	8.0	941767.0	1.071208	Y
4	ICIS 460-979633/2	10.0	11.502097	8.0	951679.0	1.15021	Y
5	STD16 460-979633/4	16.0	18.677563	8.0	925062.0	1.167348	Y
6	STD24 460-979633/3	24.0	30.131443	8.0	866868.0	1.255477	Y



Calibration / Fluoranthene

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

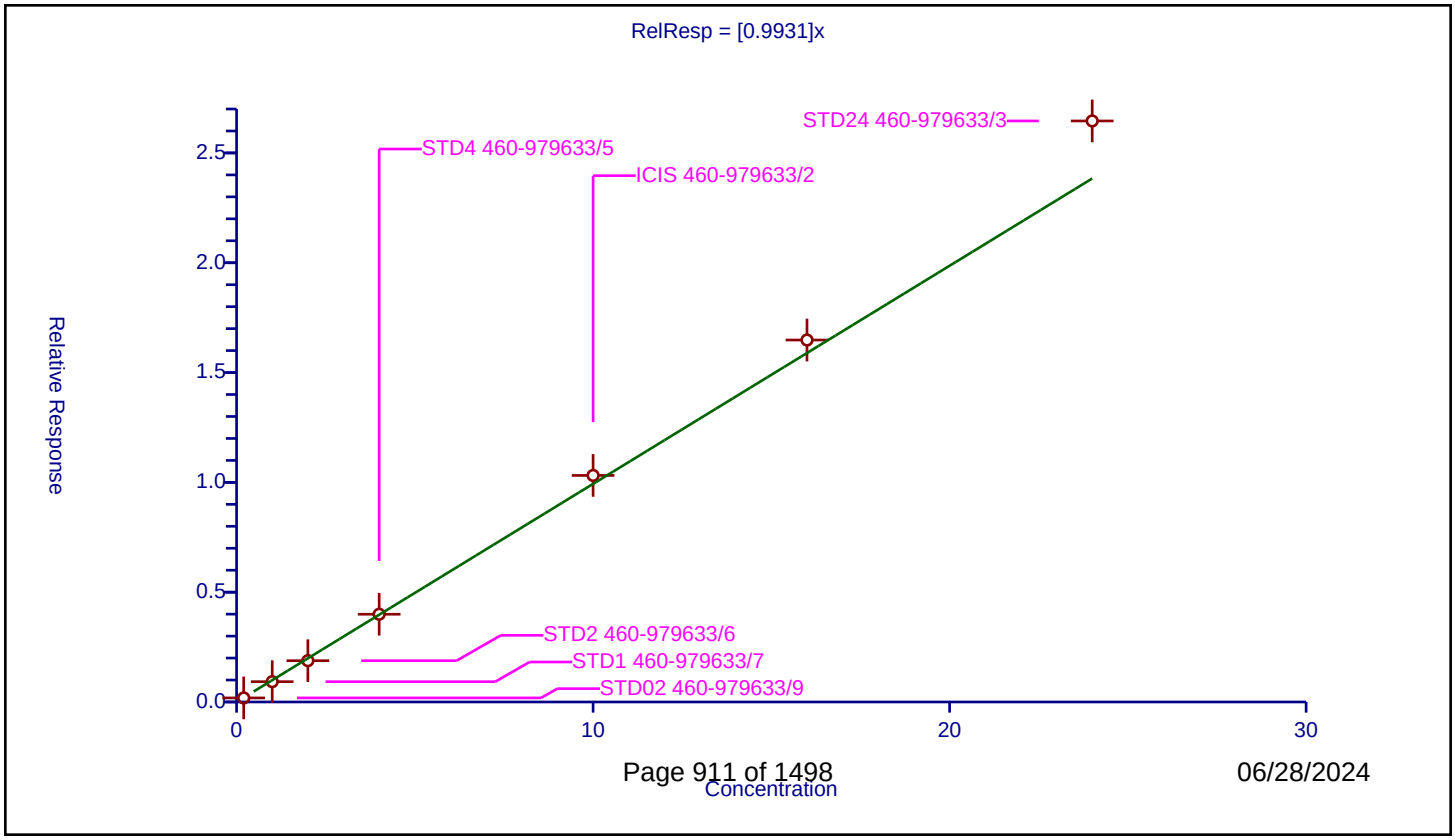
Curve Coefficients

Intercept:	0
Slope:	0.9931

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.184825	8.0	1050939.0	0.924126	Y
2	STD1 460-979633/7	1.0	0.924831	8.0	945678.0	0.924831	Y
3	STD2 460-979633/6	2.0	1.880538	8.0	943930.0	0.940269	Y
4	STD4 460-979633/5	4.0	3.995188	8.0	941767.0	0.998797	Y
5	ICIS 460-979633/2	10.0	10.314965	8.0	951679.0	1.031497	Y
6	STD16 460-979633/4	16.0	16.481585	8.0	925062.0	1.030099	Y
7	STD24 460-979633/3	24.0	26.456356	8.0	866868.0	1.102348	Y



Calibration / Benzidine

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

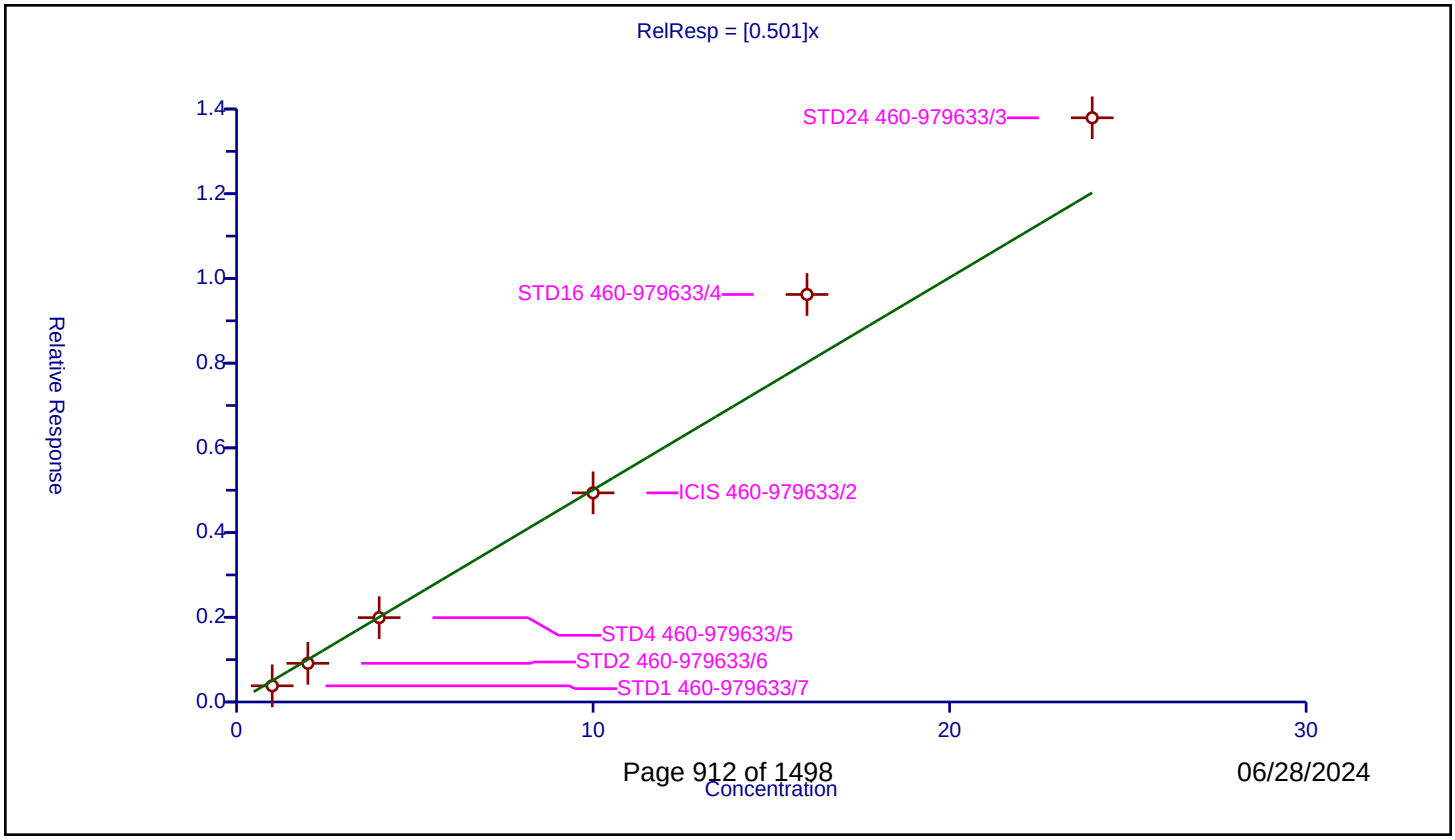
Curve Coefficients

Intercept:	0
Slope:	0.501

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.381796	8.0	945678.0	0.381796	Y
2	STD2 460-979633/6	2.0	0.913288	8.0	943930.0	0.456644	Y
3	STD4 460-979633/5	4.0	1.991558	8.0	941767.0	0.49789	Y
4	ICIS 460-979633/2	10.0	4.937774	8.0	951679.0	0.493777	Y
5	STD16 460-979633/4	16.0	9.621098	8.0	925062.0	0.601319	Y
6	STD24 460-979633/3	24.0	13.792799	8.0	866868.0	0.5747	Y



Calibration / Pyrene

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

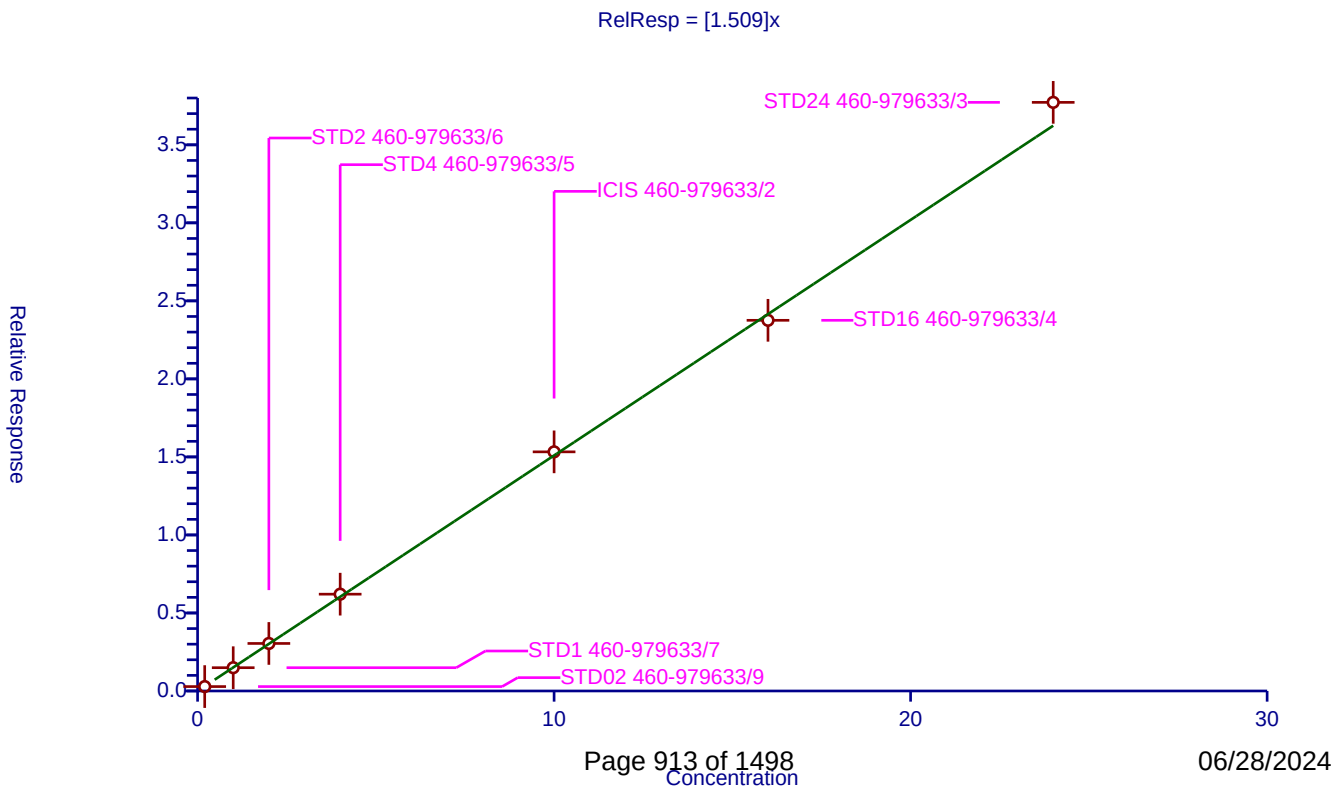
Curve Coefficients

Intercept:	0
Slope:	1.509

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.282258	8.0	686633.0	1.411292	Y
2	STD1 460-979633/7	1.0	1.492084	8.0	613574.0	1.492084	Y
3	STD2 460-979633/6	2.0	3.045296	8.0	623716.0	1.522648	Y
4	STD4 460-979633/5	4.0	6.203473	8.0	631102.0	1.550868	Y
5	ICIS 460-979633/2	10.0	15.325074	8.0	662864.0	1.532507	Y
6	STD16 460-979633/4	16.0	23.754077	8.0	668371.0	1.48463	Y
7	STD24 460-979633/3	24.0	37.721192	8.0	628690.0	1.571716	Y



Calibration / Bisphenol-A

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

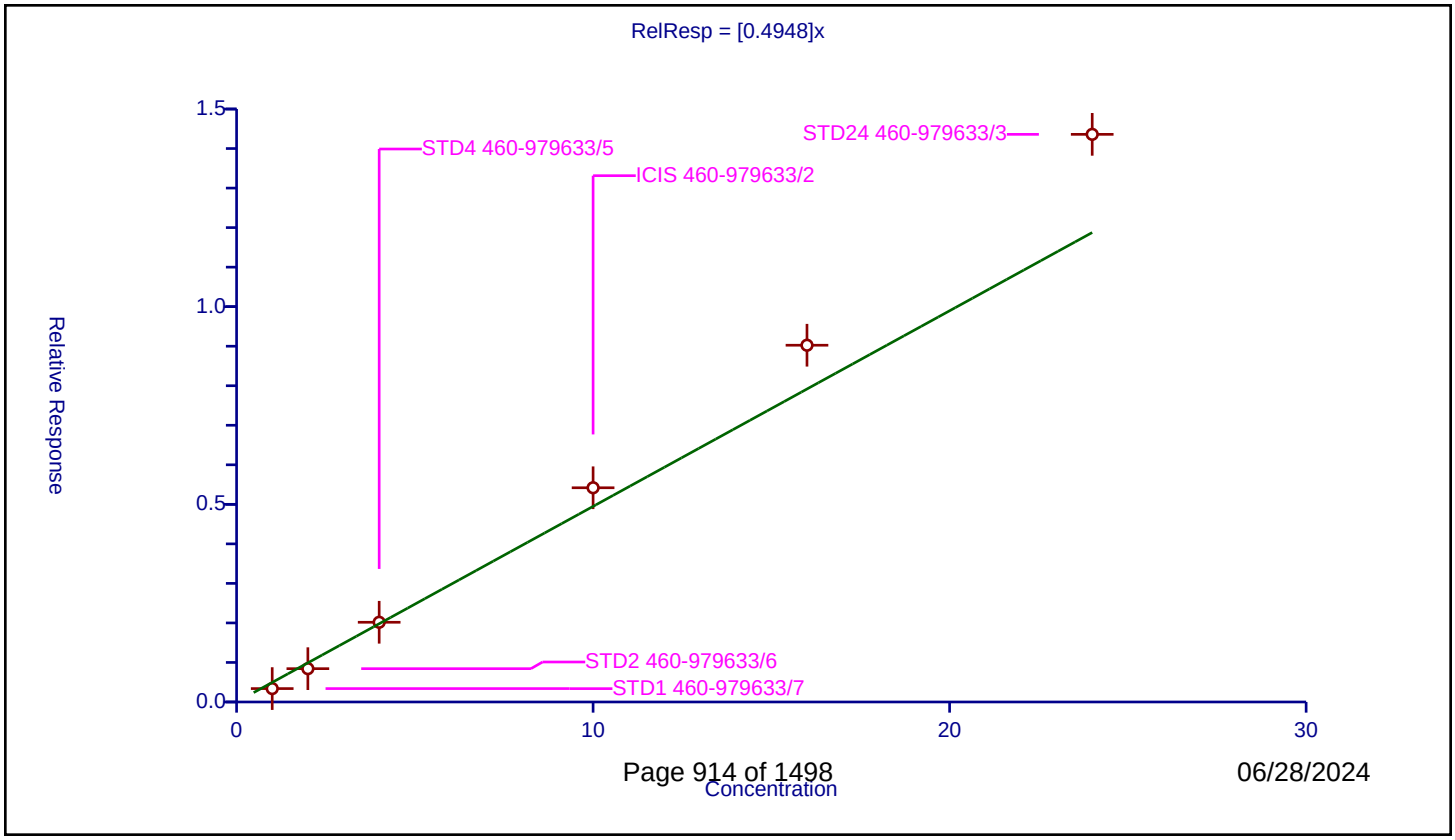
Curve Coefficients

Intercept:	0
Slope:	0.4948

Error Coefficients

Relative Standard Deviation:	19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.338815	8.0	613574.0	0.338815	Y
2	STD2 460-979633/6	2.0	0.843153	8.0	623716.0	0.421576	Y
3	STD4 460-979633/5	4.0	2.016904	8.0	631102.0	0.504226	Y
4	ICIS 460-979633/2	10.0	5.419175	8.0	662864.0	0.541917	Y
5	STD16 460-979633/4	16.0	9.024617	8.0	668371.0	0.564039	Y
6	STD24 460-979633/3	24.0	14.358886	8.0	628690.0	0.598287	Y



Calibration / Terphenyl-d14

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

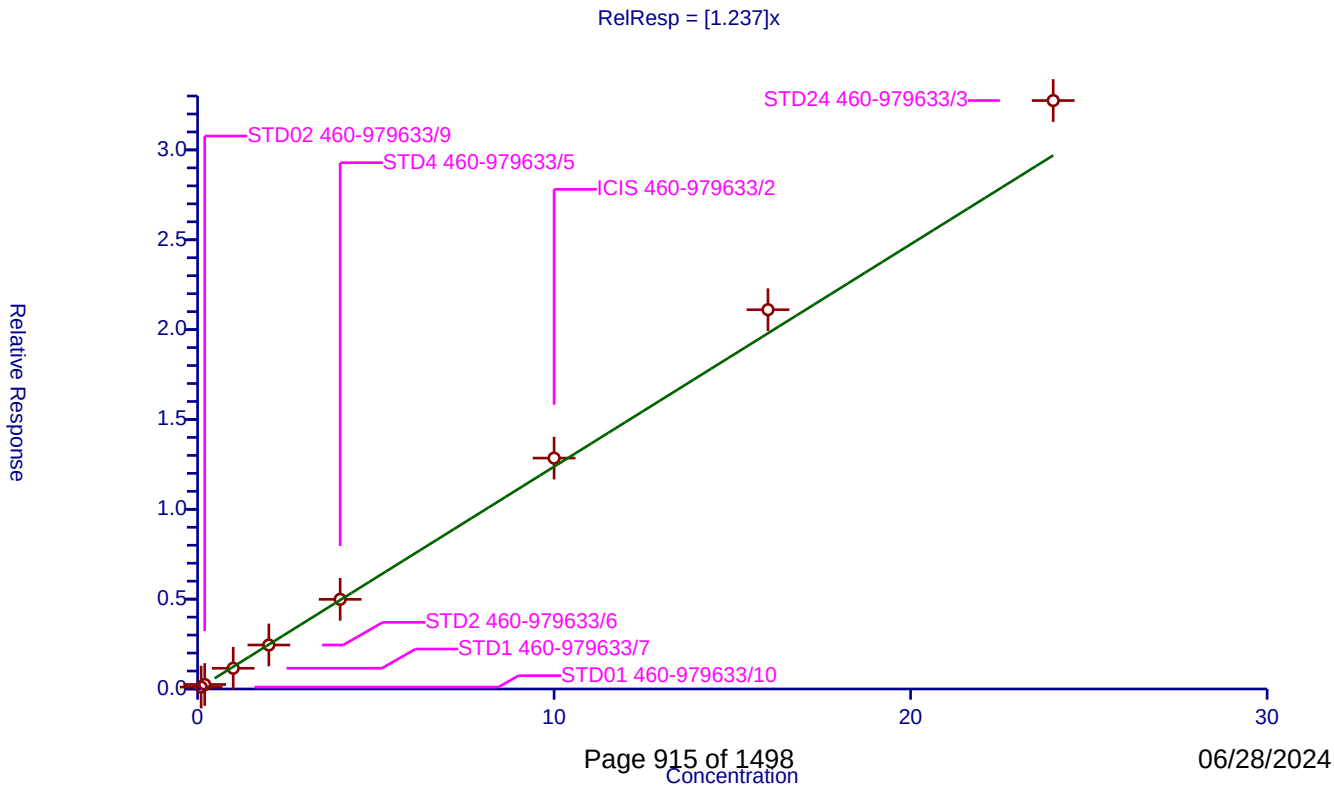
Curve Coefficients

Intercept:	0
Slope:	1.237

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.105853	8.0	609976.0	1.058533	Y
2	STD02 460-979633/9	0.2	0.249461	8.0	686633.0	1.247304	Y
3	STD1 460-979633/7	1.0	1.153165	8.0	613574.0	1.153165	Y
4	STD2 460-979633/6	2.0	2.447665	8.0	623716.0	1.223833	Y
5	STD4 460-979633/5	4.0	4.988696	8.0	631102.0	1.247174	Y
6	ICIS 460-979633/2	10.0	12.849984	8.0	662864.0	1.284998	Y
7	STD16 460-979633/4	16.0	21.109007	8.0	668371.0	1.319313	Y
8	STD24 460-979633/3	24.0	32.747306	8.0	628690.0	1.364471	Y



Calibration / Butyl benzyl phthalate

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

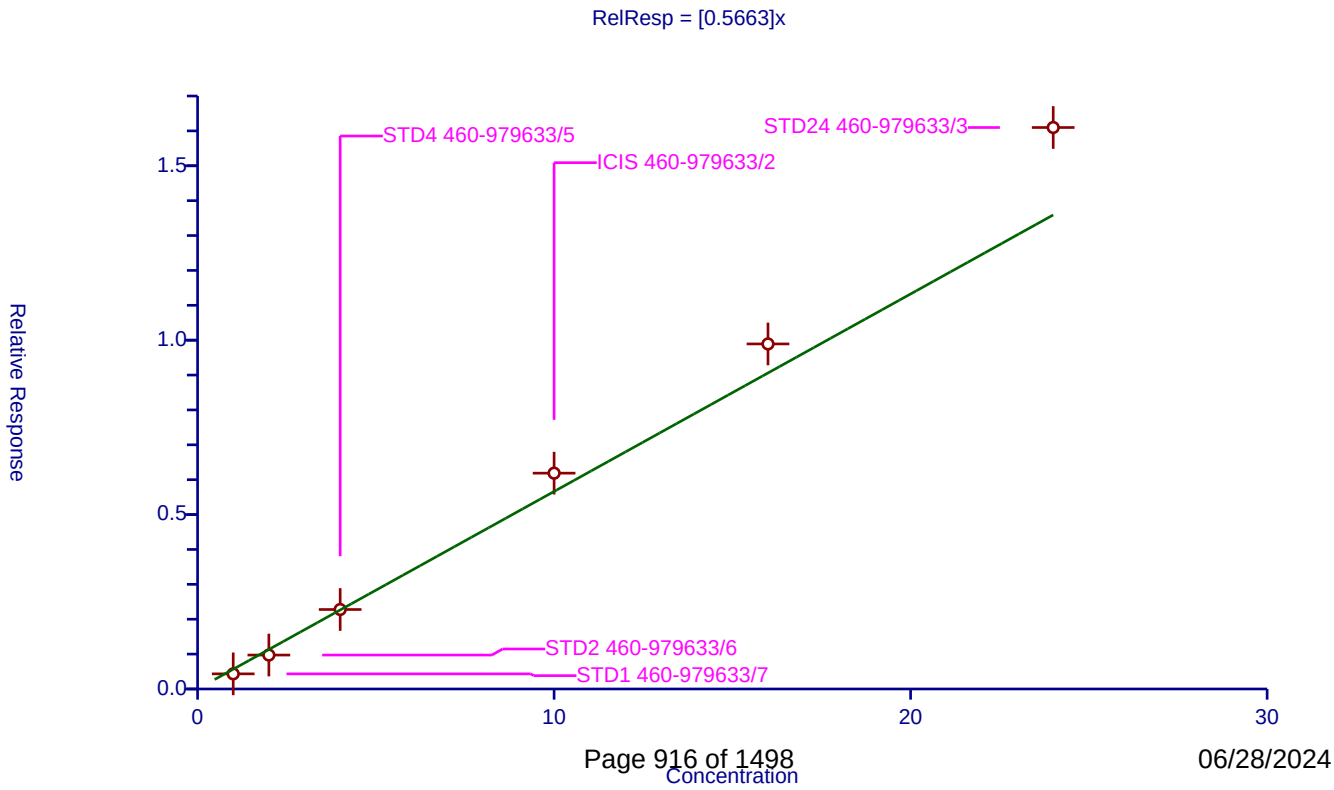
Curve Coefficients

Intercept:	0
Slope:	0.5663

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.433734	8.0	613574.0	0.433734	Y
2	STD2 460-979633/6	2.0	0.972532	8.0	623716.0	0.486266	Y
3	STD4 460-979633/5	4.0	2.278858	8.0	631102.0	0.569715	Y
4	ICIS 460-979633/2	10.0	6.187864	8.0	662864.0	0.618786	Y
5	STD16 460-979633/4	16.0	9.892518	8.0	668371.0	0.618282	Y
6	STD24 460-979633/3	24.0	16.097307	8.0	628690.0	0.670721	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

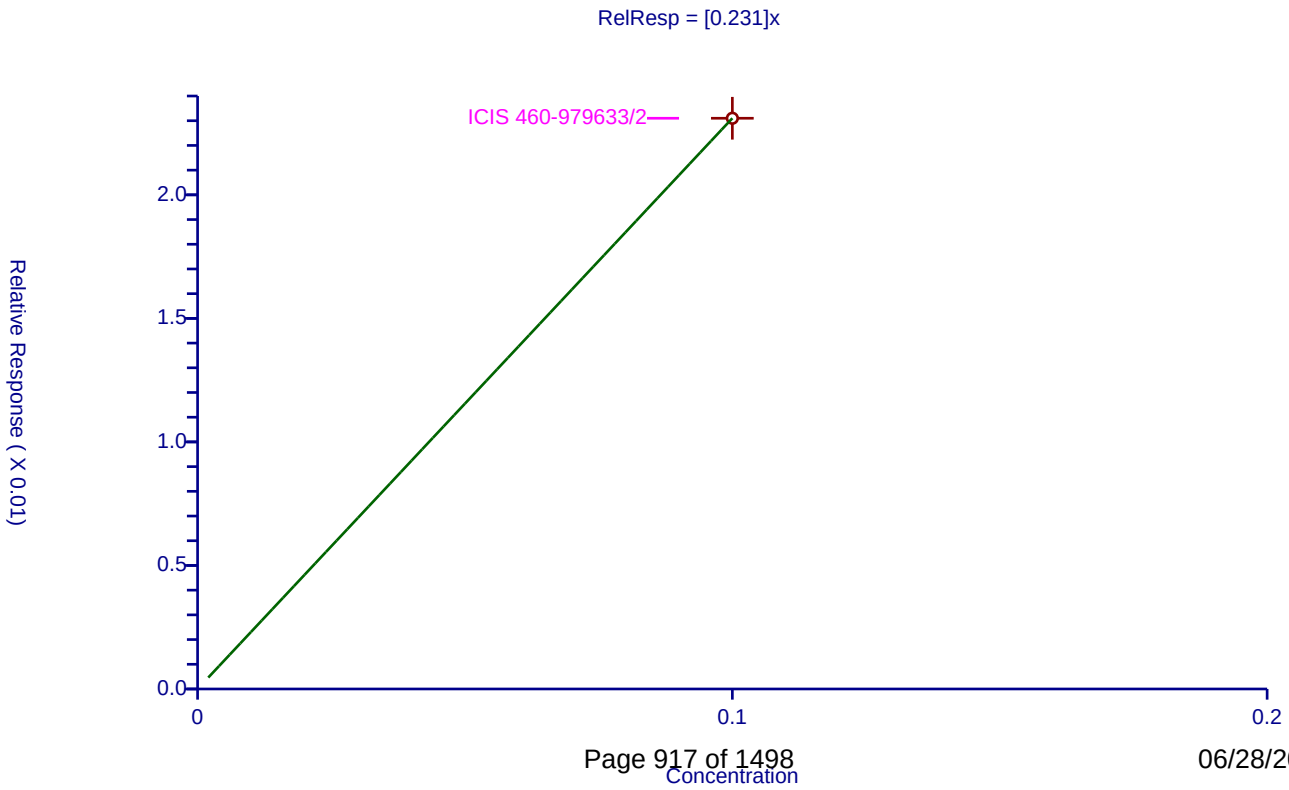
Curve Coefficients

Intercept:	0
Slope:	0.231

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-979633/2	0.1	0.0231	8.0	662864.0	0.230998	Y



Calibration / Carbamazepine

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

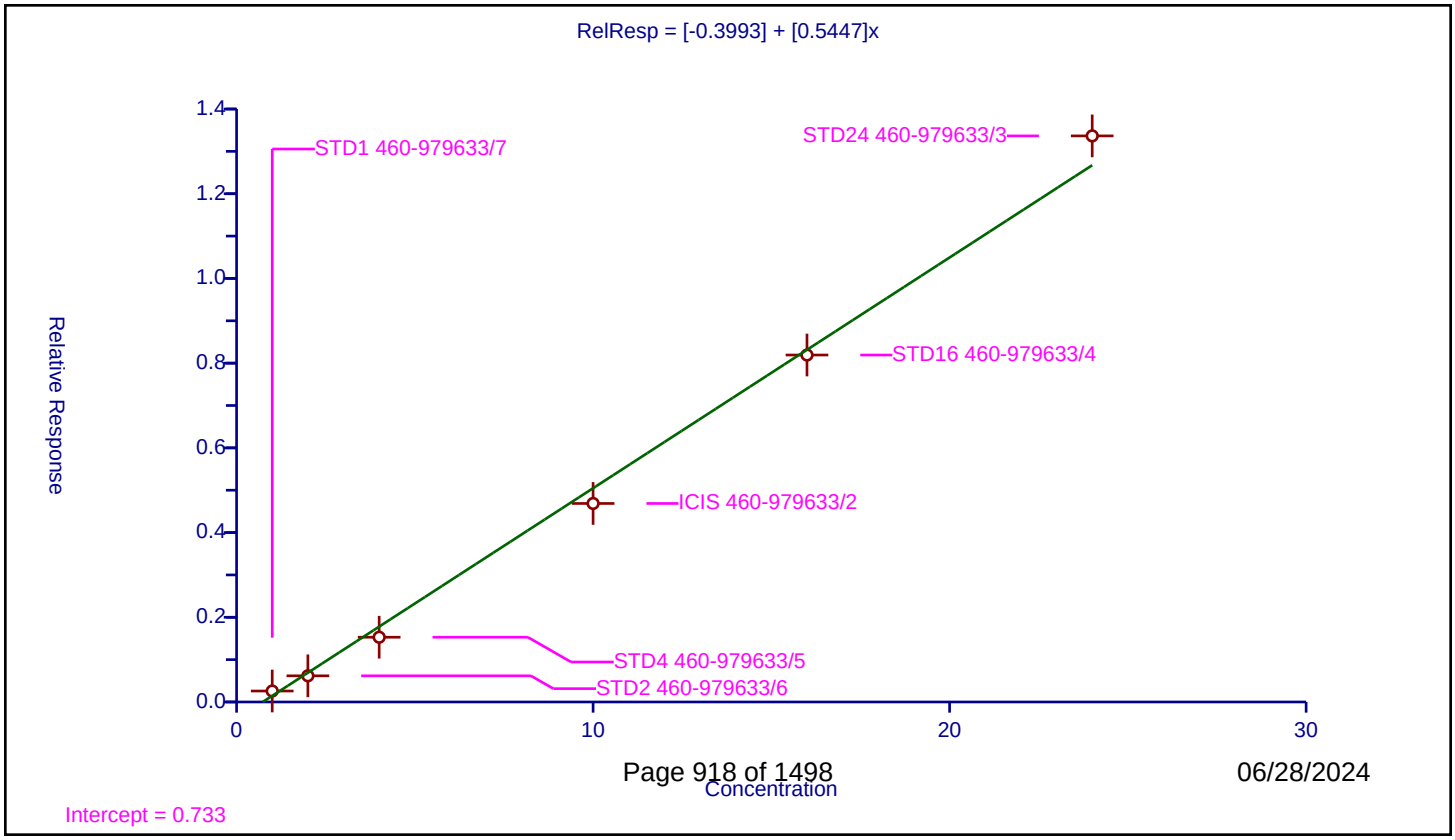
Curve Coefficients

Intercept:	-0.3993
Slope:	0.5447

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.258916	8.0	613574.0	0.258916	Y
2	STD2 460-979633/6	2.0	0.617961	8.0	623716.0	0.30898	Y
3	STD4 460-979633/5	4.0	1.528957	8.0	631102.0	0.382239	Y
4	ICIS 460-979633/2	10.0	4.687248	8.0	662864.0	0.468725	Y
5	STD16 460-979633/4	16.0	8.192001	8.0	668371.0	0.512	Y
6	STD24 460-979633/3	24.0	13.36557	8.0	628690.0	0.556899	Y



Calibration / 3,3'-Dichlorobenzidine

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

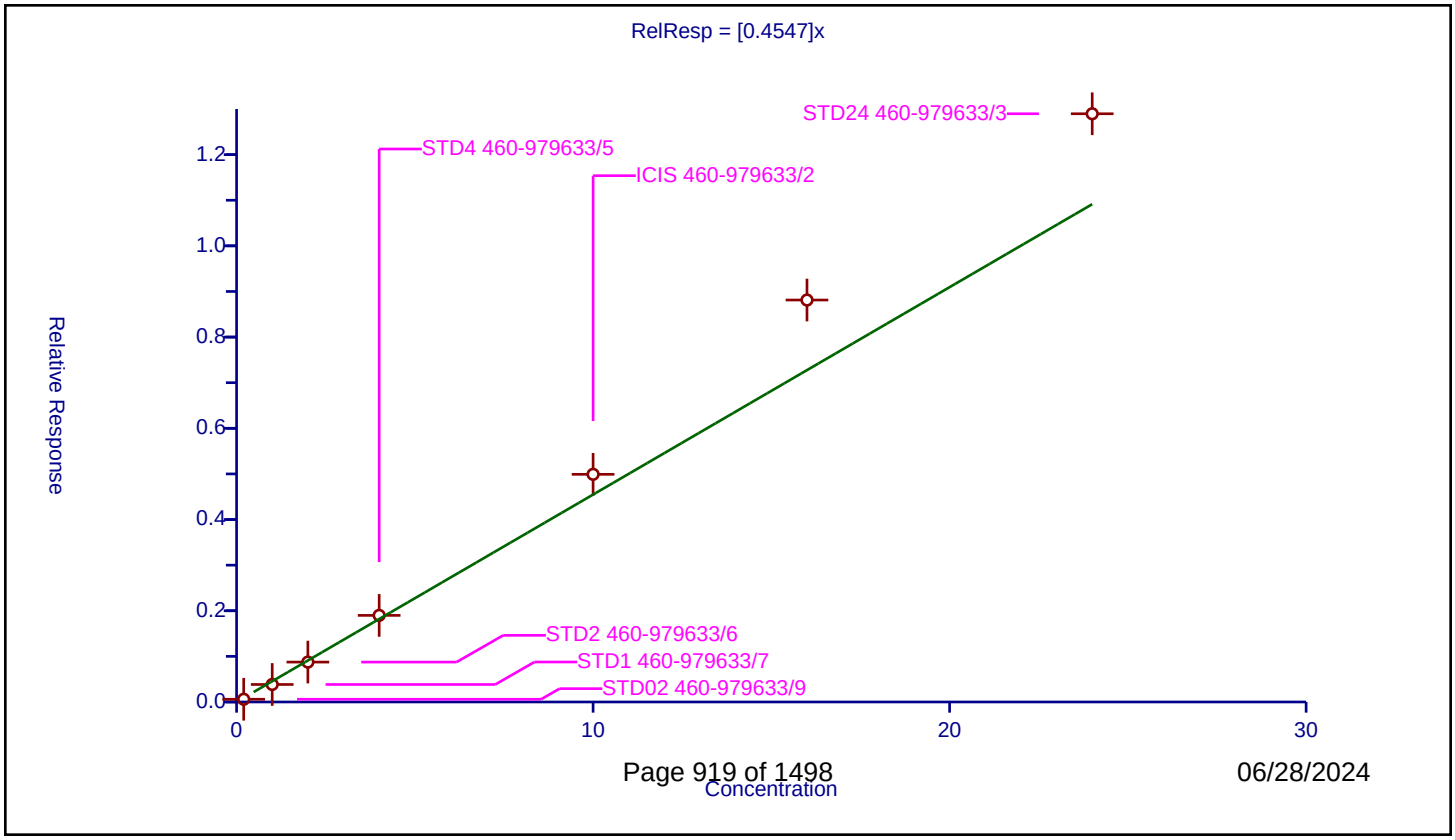
Curve Coefficients

Intercept:	0
Slope:	0.4547

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.059933	8.0	686633.0	0.299665	Y
2	STD1 460-979633/7	1.0	0.384006	8.0	613574.0	0.384006	Y
3	STD2 460-979633/6	2.0	0.874757	8.0	623716.0	0.437379	Y
4	STD4 460-979633/5	4.0	1.898711	8.0	631102.0	0.474678	Y
5	ICIS 460-979633/2	10.0	4.991431	8.0	662864.0	0.499143	Y
6	STD16 460-979633/4	16.0	8.812339	8.0	668371.0	0.550771	Y
7	STD24 460-979633/3	24.0	12.895869	8.0	628690.0	0.537328	Y



Calibration / Benzo[a]anthracene

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

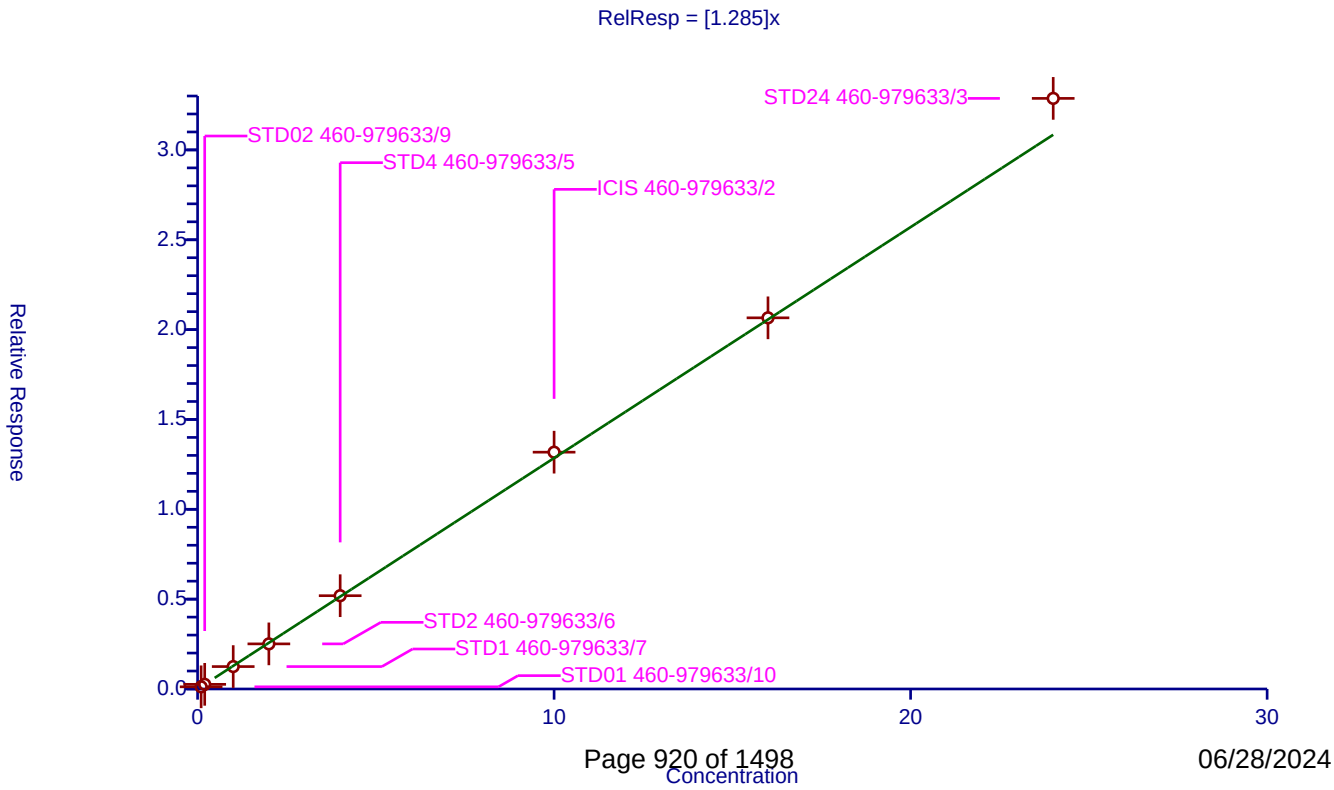
Curve Coefficients

Intercept:	0
Slope:	1.285

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.121093	8.0	609976.0	1.210933	Y
2	STD02 460-979633/9	0.2	0.258246	8.0	686633.0	1.291228	Y
3	STD1 460-979633/7	1.0	1.247745	8.0	613574.0	1.247745	Y
4	STD2 460-979633/6	2.0	2.510309	8.0	623716.0	1.255155	Y
5	STD4 460-979633/5	4.0	5.191795	8.0	631102.0	1.297949	Y
6	ICIS 460-979633/2	10.0	13.179343	8.0	662864.0	1.317934	Y
7	STD16 460-979633/4	16.0	20.656169	8.0	668371.0	1.291011	Y
8	STD24 460-979633/3	24.0	32.868065	8.0	628690.0	1.369503	Y



Calibration / Chrysene

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

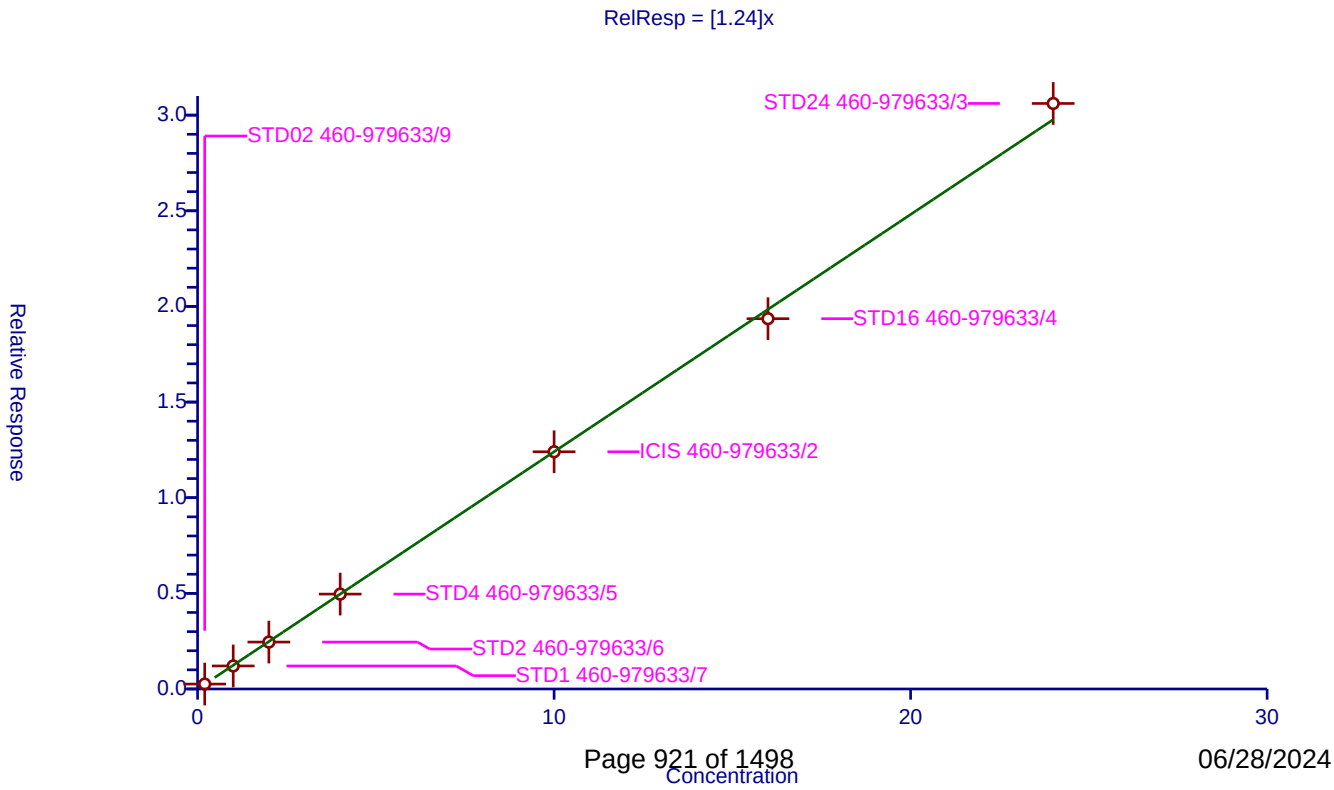
Curve Coefficients

Intercept:	0
Slope:	1.24

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.257337	8.0	686633.0	1.286684	Y
2	STD1 460-979633/7	1.0	1.203571	8.0	613574.0	1.203571	Y
3	STD2 460-979633/6	2.0	2.452334	8.0	623716.0	1.226167	Y
4	STD4 460-979633/5	4.0	4.961176	8.0	631102.0	1.240294	Y
5	ICIS 460-979633/2	10.0	12.40118	8.0	662864.0	1.240118	Y
6	STD16 460-979633/4	16.0	19.35853	8.0	668371.0	1.209908	Y
7	STD24 460-979633/3	24.0	30.610508	8.0	628690.0	1.275438	Y



Calibration / Bis(2-ethylhexyl) phthalate

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

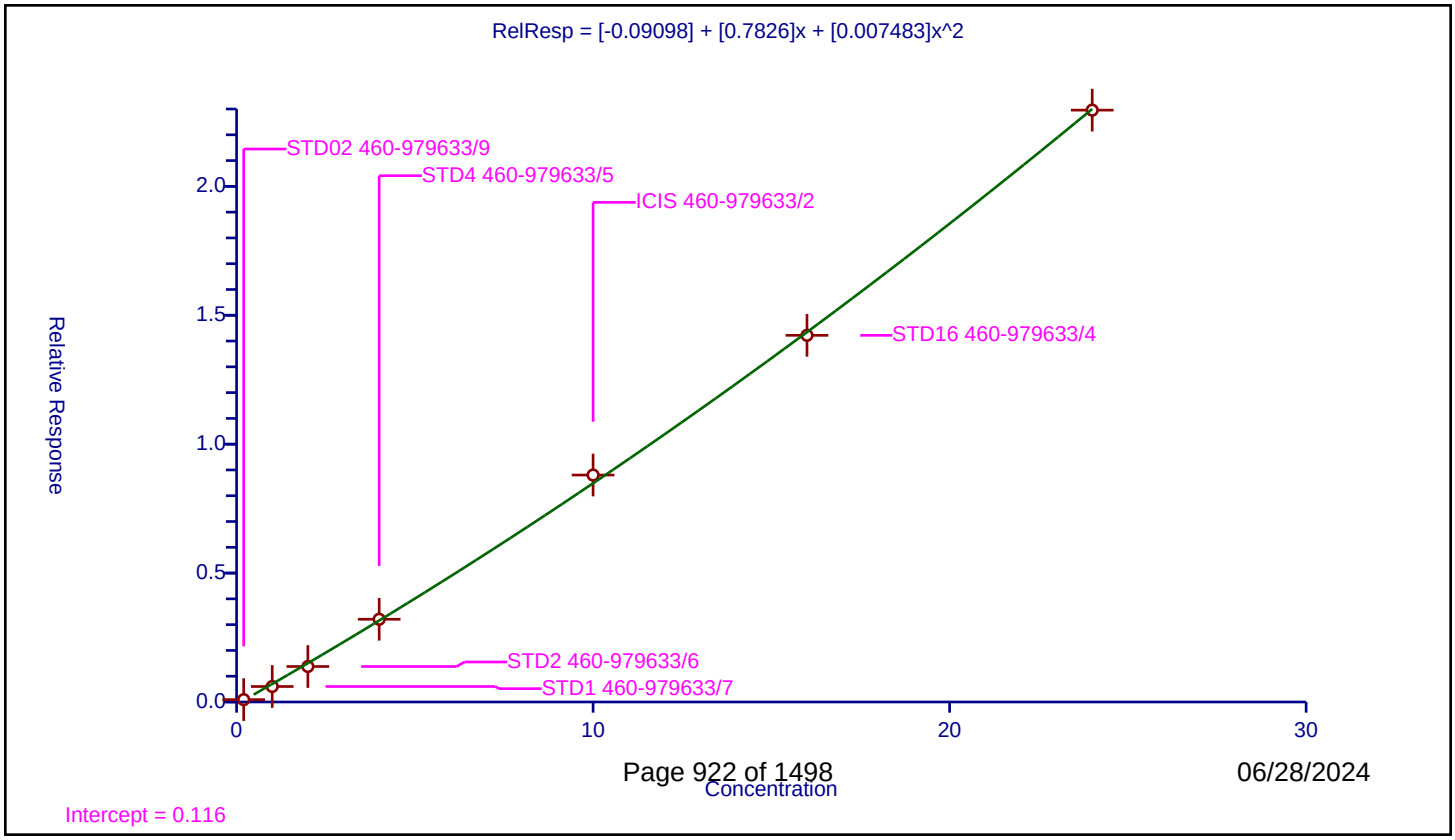
Curve Coefficients

Intercept:	-0.09098
Slope:	0.7826
Second Order:	0.007483

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-979633/9	0.2	0.091484	8.0	686633.0	0.45742	Y
2	STD1 460-979633/7	1.0	0.600038	8.0	613574.0	0.600038	Y
3	STD2 460-979633/6	2.0	1.375921	8.0	623716.0	0.687961	Y
4	STD4 460-979633/5	4.0	3.208863	8.0	631102.0	0.802216	Y
5	ICIS 460-979633/2	10.0	8.803073	8.0	662864.0	0.880307	Y
6	STD16 460-979633/4	16.0	14.221922	8.0	668371.0	0.88887	Y
7	STD24 460-979633/3	24.0	22.956191	8.0	628690.0	0.956508	Y



Calibration / Di-n-octyl phthalate

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

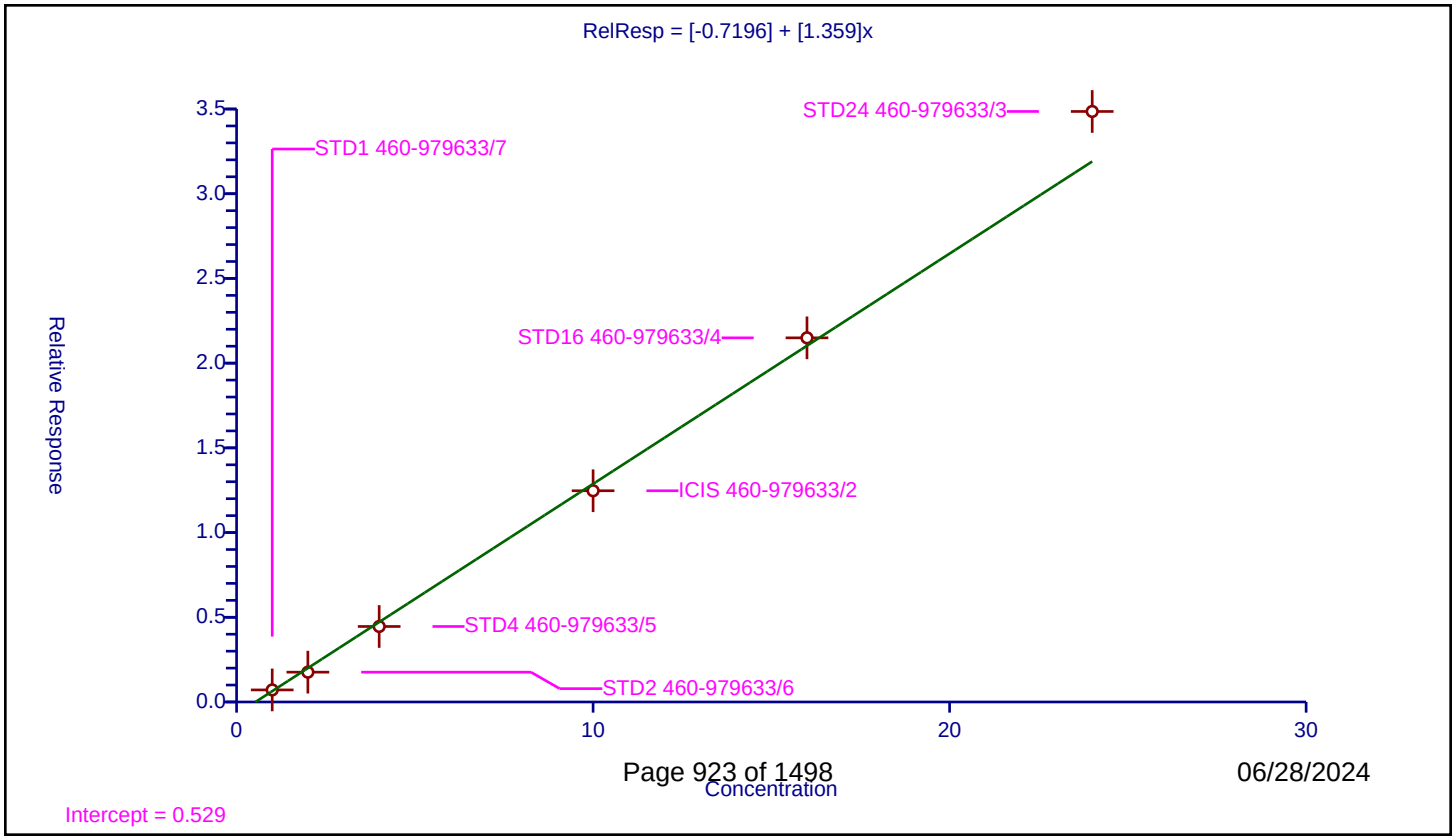
Curve Coefficients

Intercept:	-0.7196
Slope:	1.359

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-979633/7	1.0	0.712853	8.0	682643.0	0.712853	Y
2	STD2 460-979633/6	2.0	1.759818	8.0	690167.0	0.879909	Y
3	STD4 460-979633/5	4.0	4.456517	8.0	688859.0	1.114129	Y
4	ICIS 460-979633/2	10.0	12.468254	8.0	743929.0	1.246825	Y
5	STD16 460-979633/4	16.0	21.493837	8.0	725616.0	1.343365	Y
6	STD24 460-979633/3	24.0	34.854595	8.0	691556.0	1.452275	Y



Calibration / Benzo[b]fluoranthene

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

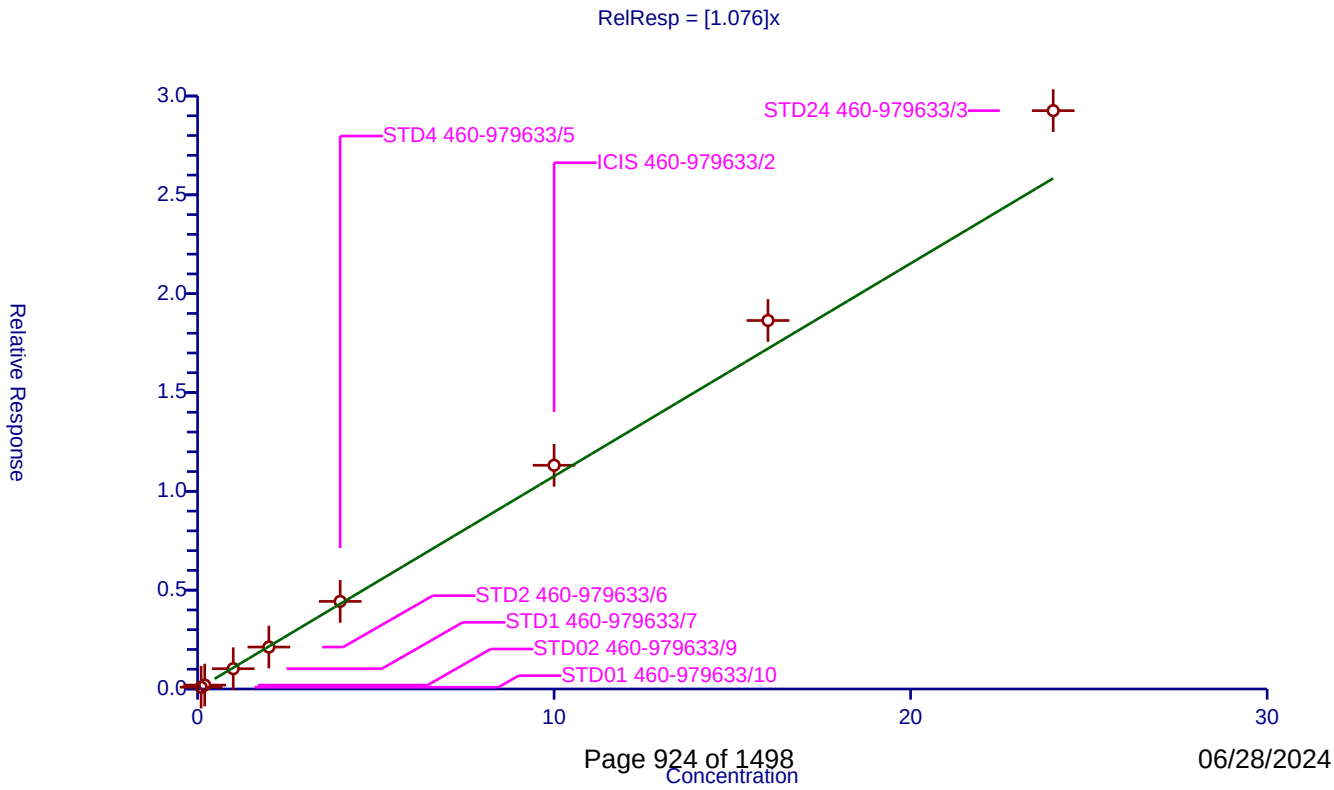
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.0911	8.0	661167.0	0.910995	Y
2	STD02 460-979633/9	0.2	0.19791	8.0	717093.0	0.989551	Y
3	STD1 460-979633/7	1.0	1.025825	8.0	682643.0	1.025825	Y
4	STD2 460-979633/6	2.0	2.121376	8.0	690167.0	1.060688	Y
5	STD4 460-979633/5	4.0	4.431816	8.0	688859.0	1.107954	Y
6	ICIS 460-979633/2	10.0	11.318704	8.0	743929.0	1.13187	Y
7	STD16 460-979633/4	16.0	18.643404	8.0	725616.0	1.165213	Y
8	STD24 460-979633/3	24.0	29.25875	8.0	691556.0	1.219115	Y



Calibration / Benzo[k]fluoranthene

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

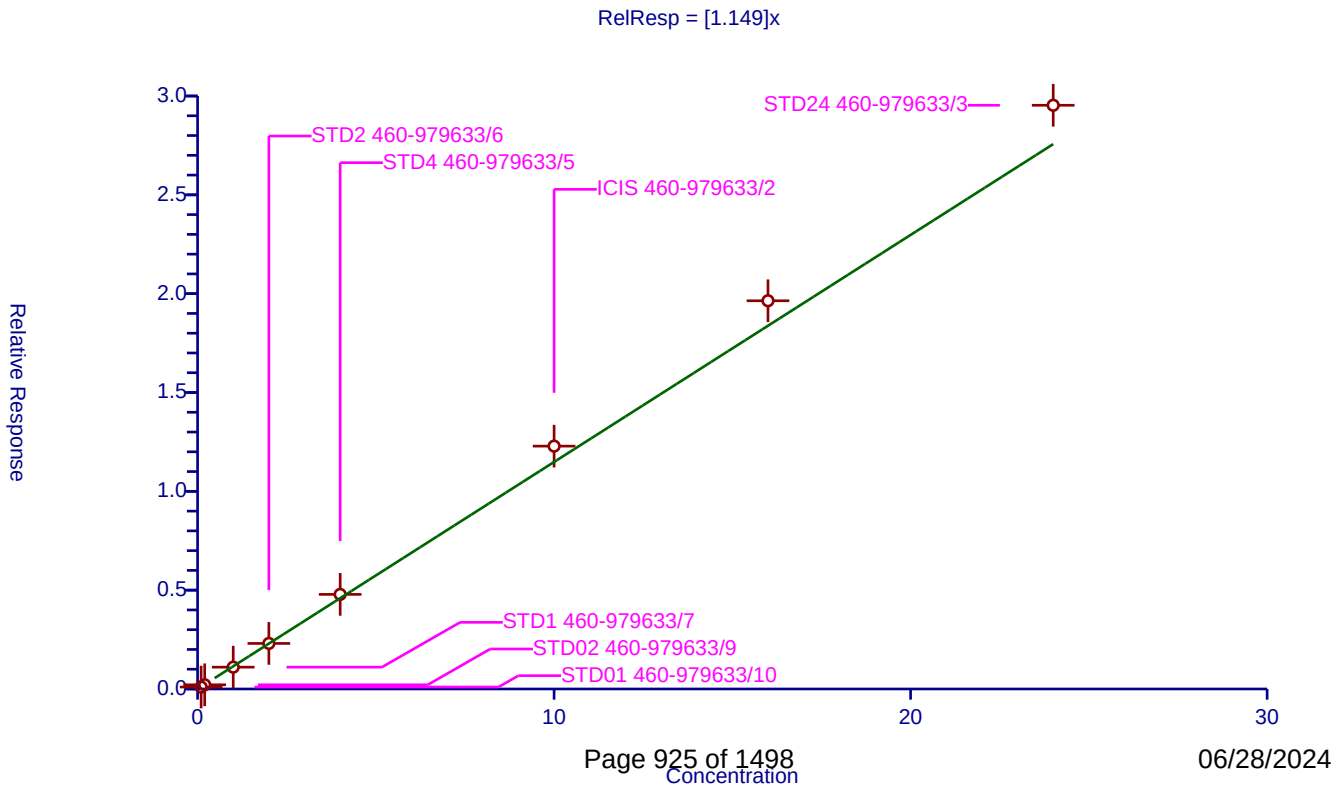
Curve Coefficients

Intercept:	0
Slope:	1.149

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.098831	8.0	661167.0	0.988313	Y
2	STD02 460-979633/9	0.2	0.211956	8.0	717093.0	1.059779	Y
3	STD1 460-979633/7	1.0	1.104425	8.0	682643.0	1.104425	Y
4	STD2 460-979633/6	2.0	2.305541	8.0	690167.0	1.15277	Y
5	STD4 460-979633/5	4.0	4.786396	8.0	688859.0	1.196599	Y
6	ICIS 460-979633/2	10.0	12.286742	8.0	743929.0	1.228674	Y
7	STD16 460-979633/4	16.0	19.641386	8.0	725616.0	1.227587	Y
8	STD24 460-979633/3	24.0	29.531387	8.0	691556.0	1.230474	Y



06/28/2024

Calibration / Benzo[a]pyrene

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

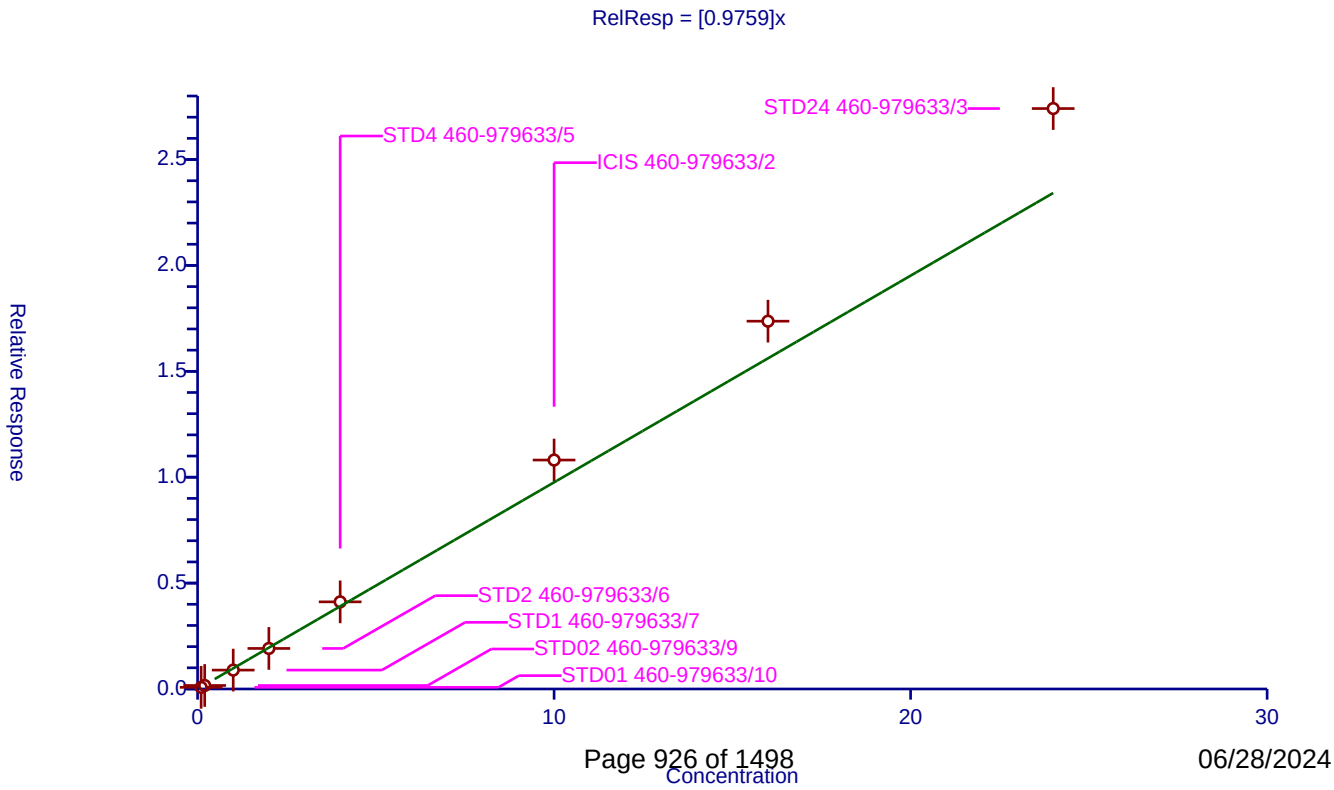
Curve Coefficients

Intercept:	0
Slope:	0.9759

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.079302	8.0	661167.0	0.793022	Y
2	STD02 460-979633/9	0.2	0.16539	8.0	717093.0	0.82695	Y
3	STD1 460-979633/7	1.0	0.892156	8.0	682643.0	0.892156	Y
4	STD2 460-979633/6	2.0	1.914899	8.0	690167.0	0.957449	Y
5	STD4 460-979633/5	4.0	4.114804	8.0	688859.0	1.028701	Y
6	ICIS 460-979633/2	10.0	10.810419	8.0	743929.0	1.081042	Y
7	STD16 460-979633/4	16.0	17.367754	8.0	725616.0	1.085485	Y
8	STD24 460-979633/3	24.0	27.408638	8.0	691556.0	1.142027	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

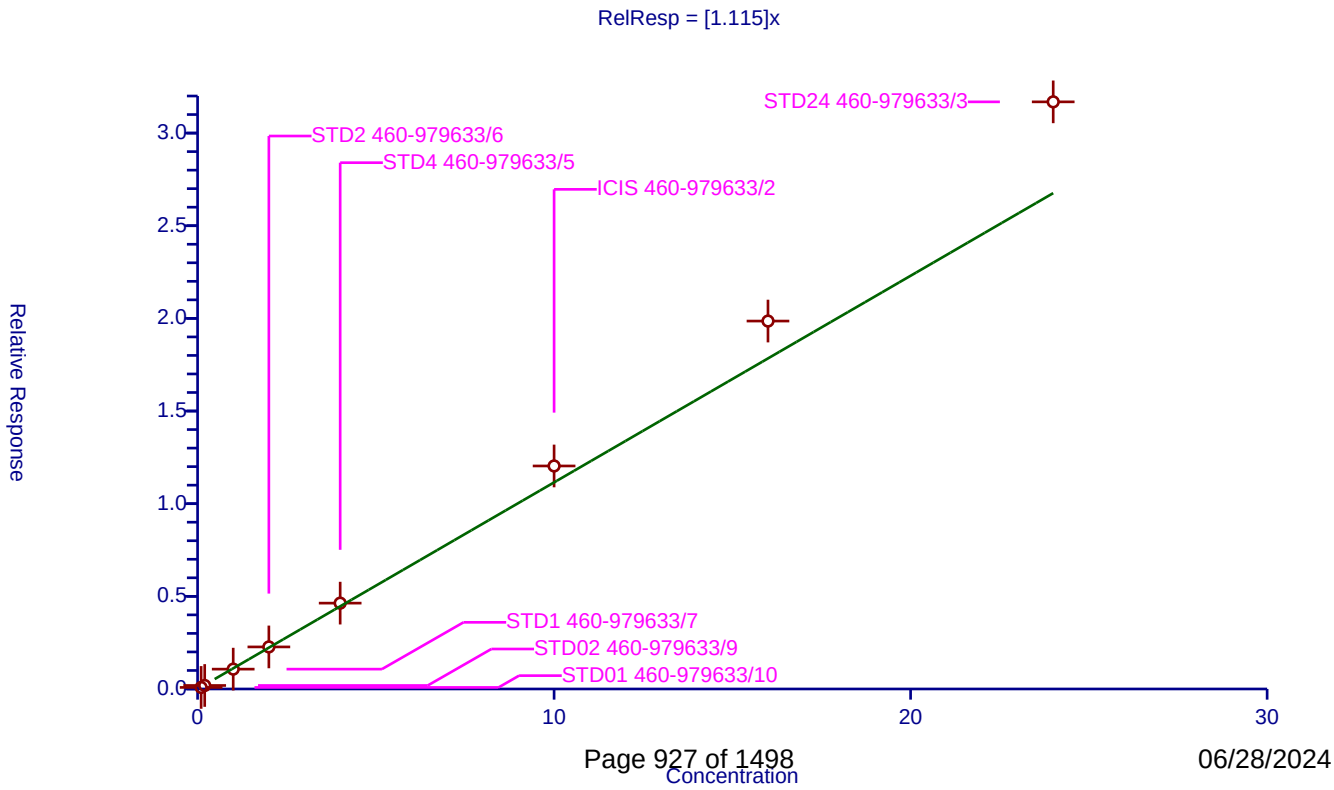
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.084166	8.0	661167.0	0.841663	Y
2	STD02 460-979633/9	0.2	0.189621	8.0	717093.0	0.948106	Y
3	STD1 460-979633/7	1.0	1.071775	8.0	682643.0	1.071775	Y
4	STD2 460-979633/6	2.0	2.270395	8.0	690167.0	1.135198	Y
5	STD4 460-979633/5	4.0	4.63296	8.0	688859.0	1.15824	Y
6	ICIS 460-979633/2	10.0	12.0356	8.0	743929.0	1.20356	Y
7	STD16 460-979633/4	16.0	19.855439	8.0	725616.0	1.240965	Y
8	STD24 460-979633/3	24.0	31.685058	8.0	691556.0	1.320211	Y



06/28/2024

Calibration / Dibenz(a,h)anthracene

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

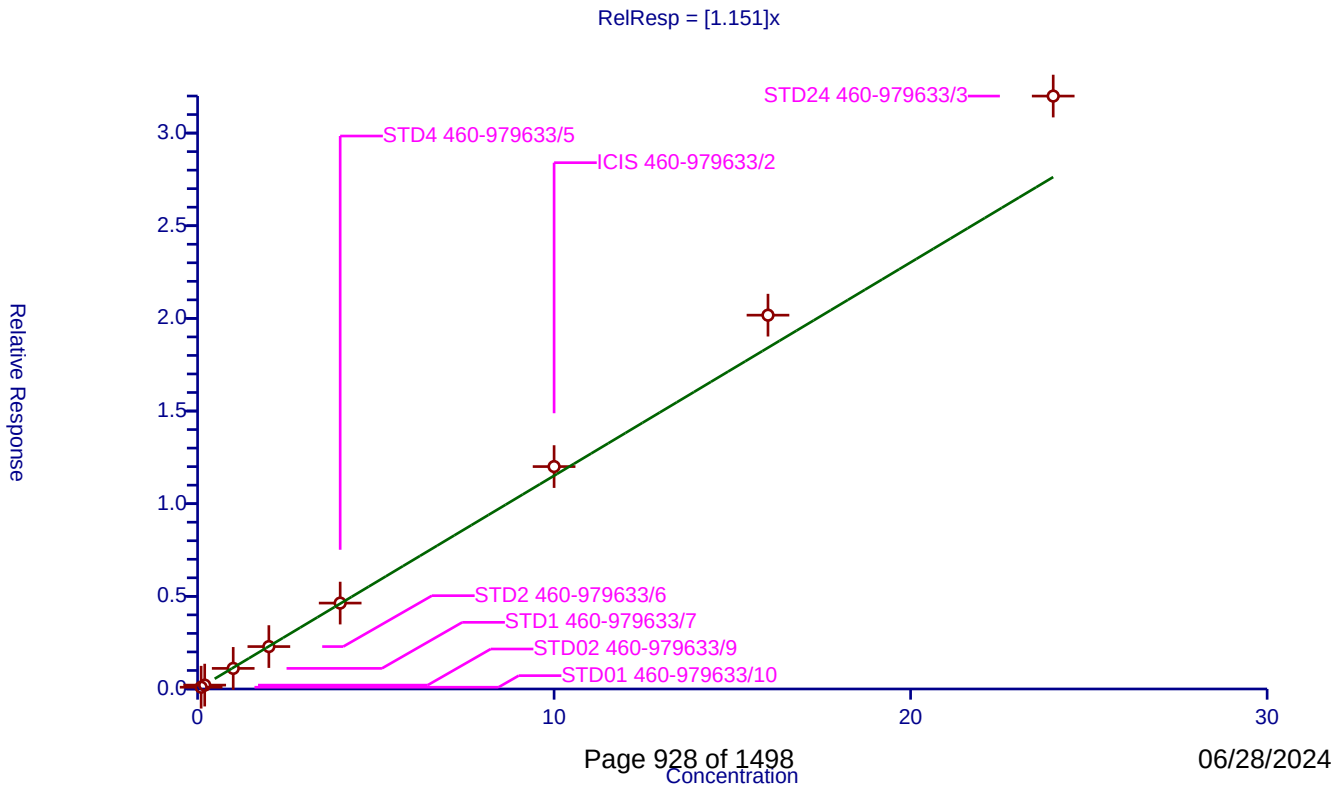
Curve Coefficients

Intercept:	0
Slope:	1.151

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.09525	8.0	661167.0	0.952498	Y
2	STD02 460-979633/9	0.2	0.209457	8.0	717093.0	1.047284	Y
3	STD1 460-979633/7	1.0	1.111351	8.0	682643.0	1.111351	Y
4	STD2 460-979633/6	2.0	2.288733	8.0	690167.0	1.144367	Y
5	STD4 460-979633/5	4.0	4.635979	8.0	688859.0	1.158995	Y
6	ICIS 460-979633/2	10.0	12.002113	8.0	743929.0	1.200211	Y
7	STD16 460-979633/4	16.0	20.173238	8.0	725616.0	1.260827	Y
8	STD24 460-979633/3	24.0	31.996853	8.0	691556.0	1.333202	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

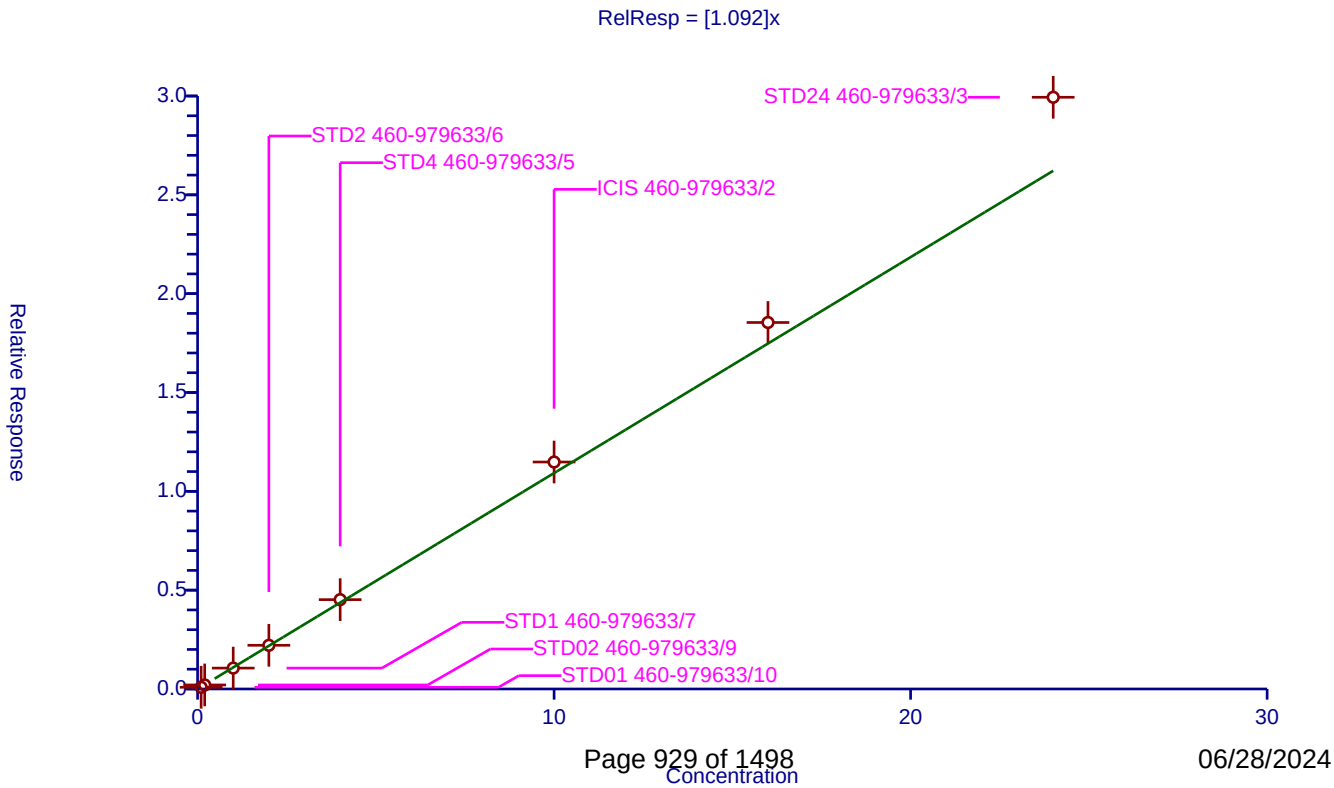
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-979633/10	0.1	0.087094	8.0	661167.0	0.870945	Y
2	STD02 460-979633/9	0.2	0.20428	8.0	717093.0	1.021402	Y
3	STD1 460-979633/7	1.0	1.057232	8.0	682643.0	1.057232	Y
4	STD2 460-979633/6	2.0	2.209923	8.0	690167.0	1.104962	Y
5	STD4 460-979633/5	4.0	4.520623	8.0	688859.0	1.130156	Y
6	ICIS 460-979633/2	10.0	11.482537	8.0	743929.0	1.148254	Y
7	STD16 460-979633/4	16.0	18.541929	8.0	725616.0	1.158871	Y
8	STD24 460-979633/3	24.0	29.93715	8.0	691556.0	1.247381	Y



06/28/2024

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-979633/11 | Calibration Date: 06/12/2024 13:31

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85625.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5406	0.5458		10100	10000	1.0	30.0
N-Nitrosodimethylamine	Ave	0.8095	0.8327		10300	10000	2.9	30.0
Pyridine	Ave	1.209	1.319		21800	20000	9.1	30.0
Benzaldehyde	Ave	1.103	1.138	0.0100	4130	4000	3.1	30.0
Phenol	Ave	1.667	1.693	0.8000	10200	10000	1.5	30.0
Aniline	Ave	1.959	2.073		10600	10000	5.8	30.0
Bis(2-chloroethyl)ether	Ave	1.308	1.385	0.7000	10600	10000	5.9	30.0
2-Chlorophenol	Ave	1.359	1.442	0.8000	10600	10000	6.1	30.0
n-Decane	Ave	1.225	1.270		10400	10000	3.6	30.0
1,3-Dichlorobenzene	Ave	1.538	1.617		10500	10000	5.1	30.0
1,4-Dichlorobenzene	Ave	1.560	1.665		10700	10000	6.7	30.0
Benzyl alcohol	Ave	0.8692	0.9117		10500	10000	4.9	30.0
1,2-Dichlorobenzene	Ave	1.479	1.574	0.0100	10600	10000	6.4	30.0
2-Methylphenol	Ave	1.203	1.267	0.7000	10500	10000	5.4	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.570	1.625	0.0100	10300	10000	3.4	30.0
3 & 4 Methylphenol	Ave	1.418	1.485		10500	10000	4.8	30.0
4-Methylphenol	Ave	1.418	1.481	0.6000	10400	10000	4.5	30.0
N-Methylaniline	Ave	1.989	2.222		11200	10000	11.8	30.0
Acetophenone	Ave	1.992	2.090	0.0100	10500	10000	4.9	30.0
N-Nitrosodi-n-propylamine	Ave	0.9103	0.9683	0.5000	10600	10000	6.4	30.0
Hexachloroethane	Ave	0.5580	0.5931	0.3000	10600	10000	6.3	30.0
Nitrobenzene	Ave	0.6514	0.7153	0.2000	11000	10000	9.8	30.0
n,n'-Dimethylaniline	Ave	2.105	2.194		10400	10000	4.2	30.0
Isophorone	Ave	0.6225	0.6684	0.4000	10700	10000	7.4	30.0
2-Nitrophenol	Ave	0.1683	0.1752	0.1000	10400	10000	4.1	30.0
2,4-Dimethylphenol	Ave	0.2582	0.2713	0.2000	10500	10000	5.1	30.0
Benzoic acid	Lin1		0.1557		8720	10000	-12.8	30.0
Bis(2-chloroethoxy)methane	Ave	0.4113	0.4301	0.3000	10500	10000	4.6	30.0
2,4-Dichlorophenol	Ave	0.2728	0.2904	0.2000	10600	10000	6.5	30.0
1,2,4-Trichlorobenzene	Ave	0.3029	0.3238		10700	10000	6.9	30.0
Naphthalene	Ave	1.064	1.130	0.7000	10600	10000	6.3	30.0
4-Chloroaniline	Ave	0.3903	0.4399	0.0100	11300	10000	12.7	30.0
Hexachlorobutadiene	Ave	0.1722	0.1786	0.0100	10400	10000	3.7	30.0
Caprolactam	Lin2		0.0764	0.0100	3780	4000	-5.4	30.0
4-Chloro-3-methylphenol	Ave	0.2655	0.2802	0.2000	10600	10000	5.5	30.0
2-Methylnaphthalene	Ave	0.6921	0.7291	0.4000	10500	10000	5.3	30.0
1-Methylnaphthalene	Ave	0.6297	0.6694		10600	10000	6.3	30.0
Hexachlorocyclopentadiene	Ave	0.3667	0.3869	0.0500	10500	10000	5.5	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5747	0.6116	0.0100	10600	10000	6.4	30.0
2-tertbutyl-4-methylphenol	Ave	0.3929	0.4069		10400	10000	3.5	30.0
2,4,6-Trichlorophenol	Ave	0.3448	0.3912	0.2000	11300	10000	13.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-979633/11 | Calibration Date: 06/12/2024 13:31

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85625.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	0.3829	0.4170	0.2000	10900	10000	8.9	30.0
1,1'-Biphenyl	Ave	1.612	1.721	0.0100	10700	10000	6.8	30.0
2-Chloronaphthalene	Ave	1.224	1.317	0.8000	10800	10000	7.6	30.0
Phenyl ether	Ave	0.8776	0.8980		10200	10000	2.3	30.0
2-Nitroaniline	Ave	0.3770	0.4047	0.0100	10700	10000	7.3	30.0
1,3-Dimethylnaphthalene	Ave	0.998	1.021		10200	10000	2.3	30.0
Dimethyl phthalate	Ave	1.269	1.350	0.0100	10600	10000	6.4	30.0
Coumarin	Ave	0.2200	0.2229		10100	10000	1.3	30.0
2,6-Dinitrotoluene	Ave	0.2647	0.2946	0.2000	11100	10000	11.3	30.0
Acenaphthylene	Ave	1.853	2.010	0.9000	10800	10000	8.5	30.0
3-Nitroaniline	Ave	0.3045	0.3331	0.0100	10900	10000	9.4	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9839	1.023		10400	10000	3.9	30.0
Acenaphthene	Ave	1.172	1.236	0.9000	10500	10000	5.5	30.0
2,4-Dinitrophenol	Lin1		0.1413	0.0100	18000	20000	-9.9	30.0
4-Nitrophenol	Ave	0.1973	0.2165	0.0100	22000	20000	9.8	30.0
2,4-Dinitrotoluene	Ave	0.3288	0.3776	0.2000	11500	10000	14.8	30.0
Dibenzofuran	Ave	1.696	1.798	0.8000	10600	10000	6.0	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2892	0.3112	0.0100	10800	10000	7.6	30.0
Diethyl phthalate	Ave	1.291	1.296	0.0100	10000	10000	0.4	30.0
Fluorene	Ave	1.328	1.429	0.9000	10800	10000	7.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.6243	0.6716	0.4000	10800	10000	7.6	30.0
4-Nitroaniline	Ave	0.3003	0.3333	0.0100	11100	10000	11.0	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1172	0.0100	19500	20000	-2.3	30.0
N-Nitrosodiphenylamine	Ave	0.5448	0.5843	0.0100	10700	10000	7.3	30.0
1,2-Diphenylhydrazine	Ave	0.7912	0.8423		10600	10000	6.5	30.0
Azobenzene	Ave	0.7917	0.8423		10600	10000	6.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2103	0.2184	0.1000	10400	10000	3.8	30.0
Hexachlorobenzene	Ave	0.2542	0.2693	0.1000	10600	10000	5.9	30.0
Atrazine	Ave	0.1774	0.1866	0.0100	4210	4000	5.2	30.0
Pentachlorophenol	Ave	0.1487	0.1655	0.0500	22300	20000	11.3	30.0
Pentachloronitrobenzene	Ave	0.0850	0.0877	0.0100	10300	10000	3.2	30.0
n-Octadecane	Ave	0.4778	0.5154		10800	10000	7.9	30.0
Phenanthrene	Ave	1.054	1.121	0.7000	10600	10000	6.3	30.0
Anthracene	Ave	1.061	1.141	0.7000	10800	10000	7.6	30.0
Carbazole	Ave	0.9412	1.024	0.0100	10900	10000	8.8	30.0
Di-n-butyl phthalate	Ave	1.085	1.201	0.0100	11100	10000	10.8	30.0
Fluoranthene	Ave	0.9931	1.090	0.6000	11000	10000	9.7	30.0
Benzidine	Ave	0.5010	0.5609		11200	10000	11.9	30.0
Pyrene	Ave	1.509	1.564	0.6000	10400	10000	3.6	30.0
Bisphenol-A	Ave	0.4948	0.4970		10000	10000	0.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-979633/11 | Calibration Date: 06/12/2024 13:31

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85625.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5663	0.6220	0.0100	11000	10000	9.9	30.0
Carbamazepine	Lin1		0.4384		8780	10000	-12.2	30.0
3,3'-Dichlorobenzidine	Ave	0.4547	0.5234	0.0100	11500	10000	15.1	30.0
Benzo[a]anthracene	Ave	1.285	1.372	0.8000	10700	10000	6.8	30.0
Chrysene	Ave	1.240	1.288	0.7000	10400	10000	3.8	30.0
Bis(2-ethylhexyl) phthalate	Qua1		0.8943	0.0100	10500	10000	4.9	30.0
Di-n-octyl phthalate	Lin2		1.299	0.0100	10100	10000	0.9	30.0
Benzo[b]fluoranthene	Ave	1.076	1.228		11400	10000	14.1	30.0
Benzo[k]fluoranthene	Ave	1.149	1.271	0.7000	11100	10000	10.6	30.0
Benzo[a]pyrene	Ave	0.9759	1.134	0.7000	11600	10000	16.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.115	1.304	0.5000	11700	10000	17.0	30.0
Dibenz(a,h)anthracene	Ave	1.151	1.302	0.4000	11300	10000	13.1	30.0
Benzo[g,h,i]perylene	Ave	1.092	1.244	0.5000	11400	10000	13.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85625.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-Jun-2024 13:31:30 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-011
Operator ID: Instrument ID: CBNAMS18
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:48:19 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 15:48:46

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	1.875	1.878	-0.003	92	185631	10.0	10.1	
2 N-Nitrosodimethylamine	74	2.089	2.092	-0.003	94	283235	10.0	10.3	
3 Pyridine	79	2.127	2.130	-0.003	96	897488	20.0	21.8	
5 Benzaldehyde	77	4.049	4.050	-0.001	96	154771	4.00	4.13	
7 Phenol	94	4.106	4.107	-0.001	96	575782	10.0	10.2	
8 Aniline	93	4.148	4.149	-0.001	98	704947	10.0	10.6	
9 Bis(2-chloroethyl)ether	93	4.209	4.210	-0.002	99	471209	10.0	10.6	
10 Benzonitrile	103	4.228	4.229	-0.001	97	922915	NC	NC	
11 2-Chlorophenol	128	4.263	4.264	-0.001	98	490464	10.0	10.6	
12 n-Decane	43	4.314	4.315	-0.001	89	431971	10.0	10.4	
13 1,3-Dichlorobenzene	146	4.413	4.414	-0.001	96	549990	10.0	10.5	
* 14 1,4-Dichlorobenzene-d4	152	4.467	4.469	-0.002	95	272106	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.483	4.485	-0.002	96	566226	10.0	10.7	
17 Benzyl alcohol	108	4.589	4.590	-0.001	95	310091	10.0	10.5	
18 1,2-Dichlorobenzene	146	4.627	4.628	-0.001	97	535408	10.0	10.6	
20 2-Methylphenol	108	4.691	4.689	0.002	90	431032	10.0	10.5	
21 2,2'-oxybis[1-chloropropane]	45	4.720	4.721	-0.001	95	552553	10.0	10.3	
22 N-Methylaniline	106	4.838	4.839	-0.001	79	755929	10.0	11.2	
26 4-Methylphenol	108	4.838	4.839	-0.001	85	503879	10.0	10.4	
25 3 & 4 Methylphenol	108	4.838	4.839	-0.001	96	505152	10.0	10.5	
24 N-Nitrosodi-n-propylamine	70	4.848	4.849	-0.001	88	329354	10.0	10.6	
23 Acetophenone	105	4.848	4.849	-0.001	94	710782	10.0	10.5	
27 Hexachloroethane	117	4.950	4.951	-0.001	96	201742	10.0	10.6	
29 Nitrobenzene	123	5.011	5.012	-0.001	96	243308	10.0	11.0	
30 n,n'-Dimethylaniline	120	5.014	5.015	-0.001	95	746266	10.0	10.4	
31 Isophorone	82	5.237	5.239	-0.002	99	887201	10.0	10.7	
32 2-Nitrophenol	139	5.311	5.313	-0.002	96	232500	10.0	10.4	
33 2,4-Dimethylphenol	122	5.349	5.351	-0.002	92	360070	10.0	10.5	
35 Benzoic acid	122	5.426	5.428	-0.002	87	206642	10.0	8.72	
34 Bis(2-chloroethoxy)methane	93	5.445	5.447	-0.002	98	570912	10.0	10.5	
36 2,4-Dichlorophenol	162	5.538	5.540	-0.002	97	385424	10.0	10.6	

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	5.624	5.626	-0.002	95	429756	10.0	10.7	
* 38 Naphthalene-d8	136	5.679	5.680	-0.001	99	1061877	8.00	8.00	
39 Naphthalene	128	5.701	5.700	0.001	99	1500230	10.0	10.6	
40 4-Chloroaniline	127	5.749	5.751	-0.002	97	583851	10.0	11.3	
41 2,6-Dichlorophenol	162	5.755	5.757	-0.002	99	383416	10.0	10.6	
42 Hexachlorobutadiene	225	5.819	5.821	-0.002	96	237022	10.0	10.4	
44 Caprolactam	113	6.062	6.064	-0.002	94	40577	4.00	3.78	
45 4-Chloro-3-methylphenol	107	6.206	6.208	-0.002	96	371954	10.0	10.6	
46 2-Methylnaphthalene	142	6.359	6.361	-0.002	85	967754	10.0	10.5	
47 1-Methylnaphthalene	142	6.452	6.454	-0.002	93	888562	10.0	10.6	
48 Hexachlorocyclopentadiene	237	6.513	6.512	0.001	97	252361	10.0	10.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.519	6.518	0.001	97	398943	10.0	10.6	
50 2-tertbutyl-4-methylphenol	149	6.548	6.550	-0.002	91	540048	10.0	10.4	
51 2,4,6-Trichlorophenol	196	6.625	6.624	0.001	90	255156	10.0	11.3	
52 2,4,5-Trichlorophenol	196	6.653	6.656	-0.003	97	271986	10.0	10.9	
54 1,1'-Biphenyl	154	6.804	6.806	-0.002	95	1122775	10.0	10.7	
55 2-Chloronaphthalene	162	6.820	6.822	-0.002	98	858812	10.0	10.8	
56 Phenyl ether	170	6.906	6.905	0.001	88	585772	10.0	10.2	
57 2-Nitroaniline	65	6.912	6.915	-0.003	98	264011	10.0	10.7	
58 1,3-Dimethylnaphthalene	156	7.031	7.030	0.001	92	666188	10.0	10.2	
59 Dimethyl phthalate	163	7.095	7.097	-0.002	99	880401	10.0	10.6	
60 Coumarin	146	7.111	7.113	-0.002	80	295905	10.0	10.1	
61 2,6-Dinitrotoluene	165	7.146	7.148	-0.002	96	192156	10.0	11.1	
62 Acenaphthylene	152	7.213	7.212	0.001	98	1311421	10.0	10.8	
63 3-Nitroaniline	138	7.303	7.302	0.001	98	217293	10.0	10.9	
* 64 Acenaphthene-d10	164	7.347	7.347	0.000	95	521848	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.373	7.372	0.001	97	667036	10.0	10.4	
65 Acenaphthene	154	7.376	7.379	-0.003	96	806287	10.0	10.5	
67 2,4-Dinitrophenol	184	7.402	7.401	0.001	96	184383	20.0	18.0	a
68 4-Nitrophenol	65	7.453	7.456	-0.003	90	282502	20.0	22.0	
69 2,4-Dinitrotoluene	165	7.527	7.526	0.001	97	246302	10.0	11.5	
70 Dibenzofuran	168	7.543	7.542	0.001	96	1172876	10.0	10.6	
71 2,3,4,6-Tetrachlorophenol	232	7.654	7.654	0.000	93	202994	10.0	10.8	
72 Diethyl phthalate	149	7.766	7.769	-0.003	98	845126	10.0	10.0	
73 Fluorene	166	7.866	7.868	-0.002	94	931828	10.0	10.8	
74 4-Chlorophenyl phenyl ether	204	7.869	7.872	-0.003	88	438078	10.0	10.8	
75 4-Nitroaniline	138	7.878	7.878	0.000	93	217434	10.0	11.1	
76 4,6-Dinitro-2-methylphenol	198	7.910	7.910	0.000	87	254472	20.0	19.5	
77 N-Nitrosodiphenylamine	169	7.978	7.981	-0.003	99	634412	10.0	10.7	
131 Azobenzene	77	8.019	8.022	-0.003	0	914467	10.0	10.6	
78 1,2-Diphenylhydrazine	77	8.019	8.022	-0.003	99	914467	10.0	10.6	
80 4-Bromophenyl phenyl ether	248	8.332	8.332	0.000	91	237081	10.0	10.4	
82 Hexachlorobenzene	284	8.384	8.387	-0.003	96	292371	10.0	10.6	
83 Atrazine	200	8.486	8.489	-0.003	93	81058	4.00	4.21	
84 Pentachlorophenol	266	8.569	8.569	0.000	95	359321	20.0	22.3	
85 Pentachloronitrobenzene	237	8.582	8.585	-0.003	90	95165	10.0	10.3	
87 n-Octadecane	57	8.672	8.672	0.000	88	559541	10.0	10.8	
* 88 Phenanthrene-d10	188	8.752	8.752	0.000	99	868586	8.00	8.00	
89 Phenanthrene	178	8.774	8.774	0.000	98	1217096	10.0	10.6	
90 Anthracene	178	8.822	8.822	0.000	98	1239097	10.0	10.8	
91 Carbazole	167	8.972	8.976	-0.004	96	1111743	10.0	10.9	
92 Di-n-butyl phthalate	149	9.320	9.321	-0.001	99	1304321	10.0	11.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.899	9.900	-0.001	97	1183123	10.0	11.0	
94 Benzidine	184	10.030	10.031	-0.001	99	608967	10.0	11.2	
95 Pyrene	202	10.113	10.114	-0.001	97	1224123	10.0	10.4	
96 Bisphenol-A	213	10.164	10.165	-0.001	98	389031	10.0	10.0	
98 Butyl benzyl phthalate	149	10.787	10.789	-0.002	97	486896	10.0	11.0	
100 Carbamazepine	193	10.887	10.888	-0.001	93	343189	10.0	8.78	
101 3,3'-Dichlorobenzidine	252	11.360	11.365	-0.005	100	409648	10.0	11.5	
102 Benzo[a]anthracene	228	11.382	11.384	-0.002	100	1074067	10.0	10.7	
* 103 Chrysene-d12	240	11.395	11.397	-0.002	99	626190	8.00	8.00	
104 Chrysene	228	11.424	11.426	-0.002	98	1008168	10.0	10.4	
105 Bis(2-ethylhexyl) phthalate	149	11.462	11.465	-0.003	87	700003	10.0	10.5	
106 Di-n-octyl phthalate	149	12.319	12.322	-0.003	96	1093306	10.0	10.1	
107 Benzo[b]fluoranthene	252	12.773	12.776	-0.003	98	1033138	10.0	11.4	
108 Benzo[k]fluoranthene	252	12.811	12.814	-0.003	99	1069143	10.0	11.1	
109 Benzo[a]pyrene	252	13.227	13.230	-0.003	97	953982	10.0	11.6	
* 110 Perylene-d12	264	13.307	13.307	0.000	99	673156	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.896	14.900	-0.004	99	1097313	10.0	11.7	
112 Dibenz(a,h)anthracene	278	14.944	14.948	-0.004	97	1095739	10.0	11.3	
113 Benzo[g,h,i]perylene	276	15.337	15.339	-0.002	97	1046900	10.0	11.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_ICV_ LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 12-Jun-2024 15:48:51 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85625.D

Injection Date: 12-Jun-2024 13:31:30 Instrument ID: CBNAMS18 Operator ID:

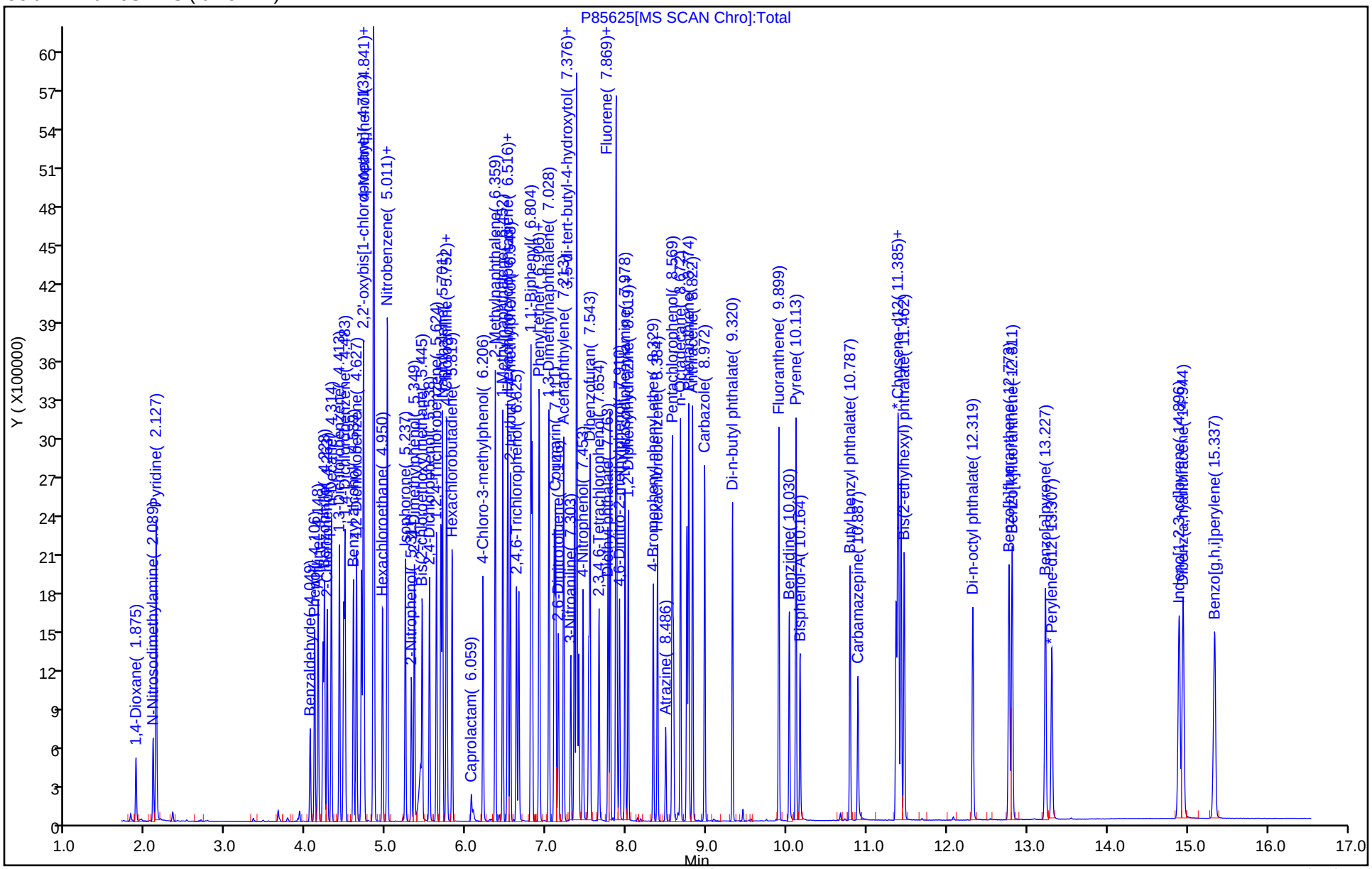
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

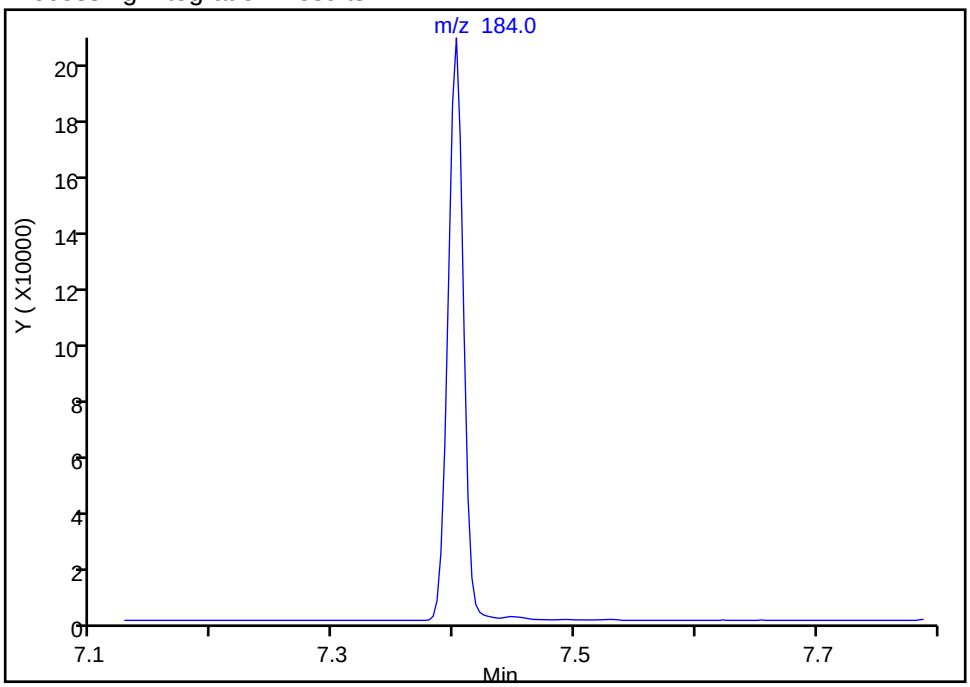
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85625.D				
Injection Date:	12-Jun-2024 13:31:30	Instrument ID:	CBNAMS18		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

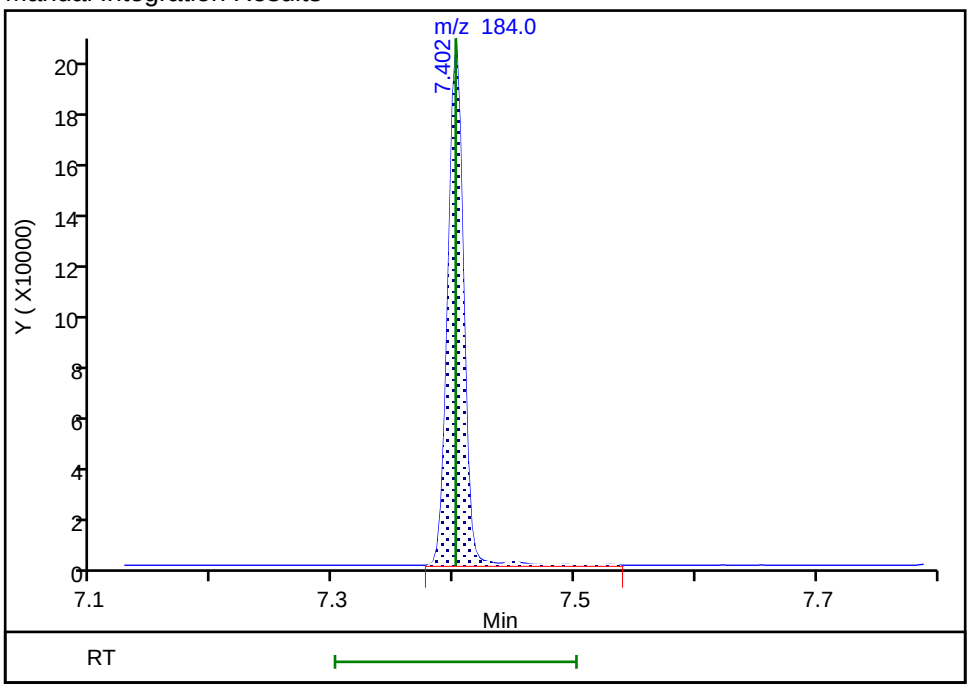
Not Detected
Expected RT: 7.40

Processing Integration Results



RT: 7.40
Area: 184383
Amount: 18.013720
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 12-Jun-2024 14:53:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981562/2 | Calibration Date: 06/22/2024 07:06

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85799.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5406	0.5408		10000	10000	0.0	20.0
N-Nitrosodimethylamine	Ave	0.8095	0.8295		10200	10000	2.5	20.0
Pyridine	Ave	1.209	1.248		20600	20000	3.2	20.0
Benzaldehyde	Ave	1.103	0.6900	0.0100	2500	4000	-37.4*	20.0
Phenol	Ave	1.667	1.691	0.8000	10100	10000	1.4	20.0
Aniline	Ave	1.959	1.962		10000	10000	0.2	20.0
Bis(2-chloroethyl)ether	Ave	1.308	1.339	0.7000	10200	10000	2.4	20.0
2-Chlorophenol	Ave	1.359	1.390	0.8000	10200	10000	2.3	20.0
n-Decane	Ave	1.225	1.206		9840	10000	-1.6	20.0
1,3-Dichlorobenzene	Ave	1.538	1.563		10200	10000	1.6	20.0
1,4-Dichlorobenzene	Ave	1.560	1.585		10200	10000	1.6	20.0
Benzyl alcohol	Ave	0.8692	0.8888		10200	10000	2.3	20.0
1,2-Dichlorobenzene	Ave	1.479	1.509	0.0100	10200	10000	2.0	20.0
2-Methylphenol	Ave	1.203	1.252	0.7000	10400	10000	4.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.570	1.581	0.0100	10100	10000	0.7	20.0
3 & 4 Methylphenol	Ave	1.418	1.505		10600	10000	6.2	20.0
4-Methylphenol	Ave	1.418	1.505	0.6000	10600	10000	6.1	20.0
N-Methylaniline	Ave	1.989	2.236		11200	10000	12.4	20.0
Acetophenone	Ave	1.992	2.055	0.0100	10300	10000	3.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.9103	0.9782	0.5000	10700	10000	7.5	20.0
Hexachloroethane	Ave	0.5580	0.5716	0.3000	10200	10000	2.4	20.0
Nitrobenzene	Ave	0.6514	0.7158	0.2000	11000	10000	9.9	20.0
n,n'-Dimethylaniline	Ave	2.105	2.254		10700	10000	7.1	20.0
Isophorone	Ave	0.6225	0.6319	0.4000	10200	10000	1.5	20.0
2-Nitrophenol	Ave	0.1683	0.1834	0.1000	10900	10000	9.0	20.0
2,4-Dimethylphenol	Ave	0.2582	0.2551	0.2000	9880	10000	-1.2	20.0
Benzoic acid	Lin1		0.1650		9190	10000	-8.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4113	0.4160	0.3000	10100	10000	1.2	20.0
2,4-Dichlorophenol	Ave	0.2728	0.2826	0.2000	10400	10000	3.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3029	0.3093		10200	10000	2.1	20.0
Naphthalene	Ave	1.064	1.074	0.7000	10100	10000	1.0	20.0
4-Chloroaniline	Ave	0.3903	0.4216	0.0100	10800	10000	8.0	20.0
Hexachlorobutadiene	Ave	0.1722	0.1726	0.0100	10000	10000	0.3	20.0
Caprolactam	Lin2		0.0827	0.0100	4090	4000	2.1	20.0
4-Chloro-3-methylphenol	Ave	0.2655	0.2789	0.2000	10500	10000	5.0	20.0
2-Methylnaphthalene	Ave	0.6921	0.7082	0.4000	10200	10000	2.3	20.0
1-Methylnaphthalene	Ave	0.6297	0.6472		10300	10000	2.8	20.0
Hexachlorocyclopentadiene	Ave	0.3667	0.3444	0.0500	9390	10000	-6.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5747	0.5734	0.0100	9980	10000	-0.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.3929	0.4232		10800	10000	7.7	20.0
2,4,6-Trichlorophenol	Ave	0.3448	0.3783	0.2000	11000	10000	9.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981562/2 | Calibration Date: 06/22/2024 07:06

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85799.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	0.3829	0.3997	0.2000	10400	10000	4.4	20.0
1,1'-Biphenyl	Ave	1.612	1.631	0.0100	10100	10000	1.2	20.0
2-Chloronaphthalene	Ave	1.224	1.221	0.8000	9980	10000	-0.2	20.0
Phenyl ether	Ave	0.8776	0.8896		10100	10000	1.4	20.0
2-Nitroaniline	Ave	0.3770	0.3808	0.0100	10100	10000	1.0	20.0
1,3-Dimethylnaphthalene	Ave	0.998	1.021		10200	10000	2.3	20.0
Dimethyl phthalate	Ave	1.269	1.320	0.0100	10400	10000	4.0	20.0
Coumarin	Ave	0.2200	0.2310		10500	10000	5.0	20.0
2,6-Dinitrotoluene	Ave	0.2647	0.2892	0.2000	10900	10000	9.3	20.0
Acenaphthylene	Ave	1.853	1.870	0.9000	10100	10000	0.9	20.0
3-Nitroaniline	Ave	0.3045	0.3231	0.0100	10600	10000	6.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9839	1.048		10700	10000	6.5	20.0
Acenaphthene	Ave	1.172	1.187	0.9000	10100	10000	1.3	20.0
2,4-Dinitrophenol	Lin1		0.1601	0.0100	20200	20000	1.1	20.0
4-Nitrophenol	Ave	0.1973	0.1909	0.0100	19400	20000	-3.2	20.0
2,4-Dinitrotoluene	Ave	0.3288	0.3759	0.2000	11400	10000	14.3	20.0
Dibenzofuran	Ave	1.696	1.730	0.8000	10200	10000	2.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2892	0.3082	0.0100	10700	10000	6.6	20.0
Diethyl phthalate	Ave	1.291	1.257	0.0100	9740	10000	-2.6	20.0
Fluorene	Ave	1.328	1.376	0.9000	10400	10000	3.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6243	0.6483	0.4000	10400	10000	3.8	20.0
4-Nitroaniline	Ave	0.3003	0.3106	0.0100	10300	10000	3.4	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1261	0.0100	20900	20000	4.7	20.0
N-Nitrosodiphenylamine	Ave	0.5448	0.5559	0.0100	10200	10000	2.0	20.0
1,2-Diphenylhydrazine	Ave	0.7912	0.7993		10100	10000	1.0	20.0
Azobenzene	Ave	0.7917	0.7995		10100	10000	1.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2103	0.2142	0.1000	10200	10000	1.9	20.0
Hexachlorobenzene	Ave	0.2542	0.2639	0.1000	10400	10000	3.8	20.0
Atrazine	Ave	0.1774	0.1966	0.0100	4430	4000	10.8	20.0
Pentachlorophenol	Ave	0.1487	0.1587	0.0500	21400	20000	6.8	20.0
Pentachloronitrobenzene	Ave	0.0850	0.0887	0.0100	10400	10000	4.4	20.0
n-Octadecane	Ave	0.4778	0.5048		10600	10000	5.6	20.0
Phenanthrene	Ave	1.054	1.072	0.7000	10200	10000	1.7	20.0
Anthracene	Ave	1.061	1.094	0.7000	10300	10000	3.1	20.0
Carbazole	Ave	0.9412	0.9489	0.0100	10100	10000	0.8	20.0
Di-n-butyl phthalate	Ave	1.085	1.143	0.0100	10500	10000	5.4	20.0
Fluoranthene	Ave	0.9931	1.033	0.6000	10400	10000	4.0	20.0
Benzidine	Ave	0.5010	0.3717		7420	10000	-25.8*	20.0
Pyrene	Ave	1.509	1.625	0.6000	10800	10000	7.7	20.0
Bisphenol-A	Ave	0.4948	0.5301		10700	10000	7.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981562/2 | Calibration Date: 06/22/2024 07:06

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85799.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5663	0.6228	0.0100	11000	10000	10.0	20.0
2,3,7,8-TCDD	Ave	0.2310	0.2339		101	100	1.3	20.0
Carbamazepine	Lin1		0.3719		7560	10000	-24.4*	20.0
3,3'-Dichlorobenzidine	Ave	0.4547	0.4515	0.0100	9930	10000	-0.7	20.0
Benzo[a]anthracene	Ave	1.285	1.333	0.8000	10400	10000	3.7	20.0
Chrysene	Ave	1.240	1.248	0.7000	10100	10000	0.6	20.0
Bis(2-ethylhexyl) phthalate	Qua1		0.8353	0.0100	9860	10000	-1.4	20.0
Di-n-octyl phthalate	Lin2		1.255	0.0100	9760	10000	-2.4	20.0
Benzo[b]fluoranthene	Ave	1.076	1.179		11000	10000	9.5	20.0
Benzo[k]fluoranthene	Ave	1.149	1.209	0.7000	10500	10000	5.3	20.0
Benzo[a]pyrene	Ave	0.9759	1.077	0.7000	11000	10000	10.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.115	1.109	0.5000	9950	10000	-0.5	20.0
Dibenz(a,h)anthracene	Ave	1.151	1.121	0.4000	9740	10000	-2.6	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.042	0.5000	9540	10000	-4.6	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3617	0.3751		10400	10000	3.7	20.0
2-Fluorobiphenyl	Ave	1.523	1.570		10300	10000	3.1	20.0
Terphenyl-d14 (Surr)	Ave	1.237	1.384		11200	10000	11.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Jun-2024 07:06:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 09:57:28

	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	1.814	1.814	0.000	92	240999	10.0	10.0	
	2 N-Nitrosodimethylamine	74	2.025	2.025	0.000	95	369688	10.0	10.2	
	3 Pyridine	79	2.060	2.060	0.000	96	1112339	20.0	20.6	
$	4 2-Fluorophenol	112	3.127	3.127	0.000	97	638593	10.0	10.7	
	5 Benzaldehyde	77	3.960	3.960	0.000	96	122998	4.00	2.50	
$	6 Phenol-d5	99	4.011	4.011	0.000	98	789307	10.0	10.8	
	7 Phenol	94	4.024	4.024	0.000	98	753615	10.0	10.1	
	8 Aniline	93	4.062	4.062	0.000	98	874606	10.0	10.0	
	9 Bis(2-chloroethyl)ether	93	4.123	4.123	0.000	98	596914	10.0	10.2	
	10 Benzonitrile	103	4.142	4.142	0.000	97	1210162	NC	NC	
	11 2-Chlorophenol	128	4.174	4.174	0.000	98	619442	10.0	10.2	
	12 n-Decane	43	4.228	4.228	0.000	88	537376	10.0	9.84	
	13 1,3-Dichlorobenzene	146	4.328	4.328	0.000	96	696391	10.0	10.2	
*	14 1,4-Dichlorobenzene-d4	152	4.382	4.382	0.000	95	356530	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.398	4.398	0.000	95	706191	10.0	10.2	
	17 Benzyl alcohol	108	4.503	4.503	0.000	96	396086	10.0	10.2	
	18 1,2-Dichlorobenzene	146	4.542	4.542	0.000	97	672468	10.0	10.2	
	20 2-Methylphenol	108	4.609	4.609	0.000	90	558047	10.0	10.4	
	21 2,2'-oxybis[1-chloropropane]	45	4.638	4.638	0.000	98	704670	10.0	10.1	
	22 N-Methylaniline	106	4.756	4.756	0.000	93	996605	10.0	11.2	
	26 4-Methylphenol	108	4.756	4.756	0.000	84	670630	10.0	10.6	
	25 3 & 4 Methylphenol	108	4.756	4.756	0.000	94	670938	10.0	10.6	
	24 N-Nitrosodi-n-propylamine	70	4.762	4.762	0.000	85	435947	10.0	10.7	
	23 Acetophenone	105	4.762	4.762	0.000	92	915629	10.0	10.3	
	27 Hexachloroethane	117	4.864	4.864	0.000	96	254728	10.0	10.2	
$	28 Nitrobenzene-d5	82	4.906	4.906	0.000	85	666647	10.0	10.4	
	29 Nitrobenzene	123	4.925	4.925	0.000	99	319002	10.0	11.0	
	30 n,n'-Dimethylaniline	120	4.928	4.928	0.000	92	1004495	10.0	10.7	
	31 Isophorone	82	5.152	5.152	0.000	99	1123228	10.0	10.2	
	32 2-Nitrophenol	139	5.229	5.229	0.000	96	326018	10.0	10.9	
	33 2,4-Dimethylphenol	122	5.267	5.267	0.000	92	453411	10.0	9.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.350	5.350	0.000	90	293207	10.0	9.19	
34 Bis(2-chloroethoxy)methane	93	5.366	5.366	0.000	97	739507	10.0	10.1	
36 2,4-Dichlorophenol	162	5.456	5.456	0.000	97	502353	10.0	10.4	
37 1,2,4-Trichlorobenzene	180	5.542	5.542	0.000	94	549688	10.0	10.2	
* 38 Naphthalene-d8	136	5.593	5.593	0.000	99	1421972	8.00	8.00	
39 Naphthalene	128	5.616	5.616	0.000	99	1909248	10.0	10.1	
40 4-Chloroaniline	127	5.667	5.667	0.000	98	749461	10.0	10.8	
41 2,6-Dichlorophenol	162	5.673	5.673	0.000	97	495207	10.0	10.3	
42 Hexachlorobutadiene	225	5.737	5.737	0.000	96	306794	10.0	10.0	
44 Caprolactam	113	5.980	5.980	0.000	95	58799	4.00	4.09	
45 4-Chloro-3-methylphenol	107	6.127	6.127	0.000	96	495790	10.0	10.5	
46 2-Methylnaphthalene	142	6.277	6.277	0.000	85	1258733	10.0	10.2	
47 1-Methylnaphthalene	142	6.370	6.370	0.000	93	1150395	10.0	10.3	
48 Hexachlorocyclopentadiene	237	6.428	6.428	0.000	97	315386	10.0	9.39	
49 1,2,4,5-Tetrachlorobenzene	216	6.437	6.437	0.000	97	525058	10.0	9.98	
50 2-tertbutyl-4-methylphenol	149	6.469	6.469	0.000	91	752168	10.0	10.8	
51 2,4,6-Trichlorophenol	196	6.543	6.543	0.000	90	346379	10.0	11.0	
52 2,4,5-Trichlorophenol	196	6.575	6.575	0.000	97	366016	10.0	10.4	
$ 53 2-Fluorobiphenyl	172	6.629	6.629	0.000	97	1437192	10.0	10.3	
54 1,1'-Biphenyl	154	6.722	6.722	0.000	95	1493823	10.0	10.1	
55 2-Chloronaphthalene	162	6.738	6.738	0.000	98	1117896	10.0	9.98	
56 Phenyl ether	170	6.824	6.824	0.000	87	814571	10.0	10.1	
57 2-Nitroaniline	65	6.834	6.834	0.000	97	348636	10.0	10.1	
58 1,3-Dimethylnaphthalene	156	6.949	6.949	0.000	91	934634	10.0	10.2	
59 Dimethyl phthalate	163	7.016	7.016	0.000	99	1208355	10.0	10.4	
60 Coumarin	146	7.029	7.029	0.000	81	410558	10.0	10.5	
61 2,6-Dinitrotoluene	165	7.067	7.067	0.000	97	264832	10.0	10.9	
62 Acenaphthylene	152	7.131	7.131	0.000	98	1712683	10.0	10.1	
63 3-Nitroaniline	138	7.224	7.224	0.000	98	295874	10.0	10.6	
* 64 Acenaphthene-d10	164	7.266	7.266	0.000	95	732518	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.295	7.295	0.000	97	959875	10.0	10.7	
65 Acenaphthene	154	7.295	7.295	0.000	96	1086538	10.0	10.1	
67 2,4-Dinitrophenol	184	7.323	7.323	0.000	96	293265	20.0	20.2	a
68 4-Nitrophenol	65	7.381	7.381	0.000	88	349598	20.0	19.4	
69 2,4-Dinitrotoluene	165	7.448	7.448	0.000	97	344168	10.0	11.4	
70 Dibenzofuran	168	7.461	7.461	0.000	97	1583978	10.0	10.2	
71 2,3,4,6-Tetrachlorophenol	232	7.573	7.573	0.000	94	282215	10.0	10.7	
72 Diethyl phthalate	149	7.691	7.691	0.000	99	1151079	10.0	9.74	
73 Fluorene	166	7.784	7.784	0.000	94	1259808	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.791	7.791	0.000	89	593616	10.0	10.4	
75 4-Nitroaniline	138	7.800	7.800	0.000	92	284420	10.0	10.3	
76 4,6-Dinitro-2-methylphenol	198	7.832	7.832	0.000	88	392668	20.0	20.9	
77 N-Nitrosodiphenylamine	169	7.899	7.899	0.000	99	865546	10.0	10.2	
131 Azobenzene	77	7.941	7.941	0.000	0	1244899	10.0	10.1	
78 1,2-Diphenylhydrazine	77	7.941	7.941	0.000	98	1244484	10.0	10.1	
$ 79 2,4,6-Tribromophenol	330	8.008	8.008	0.000	92	240990	10.0	11.3	
80 4-Bromophenyl phenyl ether	248	8.251	8.251	0.000	91	333590	10.0	10.2	
82 Hexachlorobenzene	284	8.302	8.302	0.000	96	410981	10.0	10.4	
83 Atrazine	200	8.411	8.411	0.000	94	122475	4.00	4.43	
84 Pentachlorophenol	266	8.488	8.488	0.000	95	494313	20.0	21.4	
85 Pentachloronitrobenzene	237	8.504	8.504	0.000	90	138090	10.0	10.4	
87 n-Octadecane	57	8.594	8.594	0.000	88	786027	10.0	10.6	

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	8.671	8.671	0.000	99	1245648	8.00	8.00	a
89 Phenanthrene	178	8.693	8.693	0.000	98	1669569	10.0	10.2	
90 Anthracene	178	8.741	8.741	0.000	98	1703154	10.0	10.3	
91 Carbazole	167	8.895	8.895	0.000	96	1477498	10.0	10.1	
92 Di-n-butyl phthalate	149	9.243	9.243	0.000	99	1780497	10.0	10.5	
93 Fluoranthene	202	9.818	9.818	0.000	97	1608525	10.0	10.4	
94 Benzidine	184	9.949	9.949	0.000	100	578826	10.0	7.42	
95 Pyrene	202	10.029	10.029	0.000	97	1642977	10.0	10.8	
96 Bisphenol-A	213	10.087	10.087	0.000	98	535997	10.0	10.7	
$ 97 Terphenyl-d14	244	10.193	10.193	0.000	97	1399664	10.0	11.2	
98 Butyl benzyl phthalate	149	10.701	10.701	0.000	97	629674	10.0	11.0	
99 2,3,7,8-TCDD	320	10.775	10.775	0.000	90	2365	0.1000	0.1013	
100 Carbamazepine	193	10.797	10.797	0.000	92	376047	10.0	7.56	
101 3,3'-Dichlorobenzidine	252	11.267	11.267	0.000	99	456473	10.0	9.93	
102 Benzo[a]anthracene	228	11.283	11.283	0.000	100	1347739	10.0	10.4	
* 103 Chrysene-d12	240	11.296	11.296	0.000	99	808825	8.00	8.00	
104 Chrysene	228	11.325	11.325	0.000	98	1261408	10.0	10.1	
105 Bis(2-ethylhexyl) phthalate	149	11.370	11.370	0.000	86	844492	10.0	9.86	
106 Di-n-octyl phthalate	149	12.208	12.208	0.000	96	1270925	10.0	9.76	
107 Benzo[b]fluoranthene	252	12.649	12.649	0.000	98	1193607	10.0	11.0	a
108 Benzo[k]fluoranthene	252	12.688	12.688	0.000	99	1224603	10.0	10.5	a
109 Benzo[a]pyrene	252	13.097	13.097	0.000	96	1090540	10.0	11.0	a
* 110 Perylene-d12	264	13.177	13.177	0.000	99	809998	8.00	8.00	a
111 Indeno[1,2,3-cd]pyrene	276	14.728	14.728	0.000	99	1123161	10.0	9.95	a
112 Dibenz(a,h)anthracene	278	14.776	14.776	0.000	98	1135203	10.0	9.74	a
113 Benzo[g,h,i]perylene	276	15.154	15.154	0.000	98	1054981	10.0	9.54	a

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 24-Jun-2024 09:57:31 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D

Injection Date: 22-Jun-2024 07:06:30 Instrument ID: CBNAMS18 Operator ID:

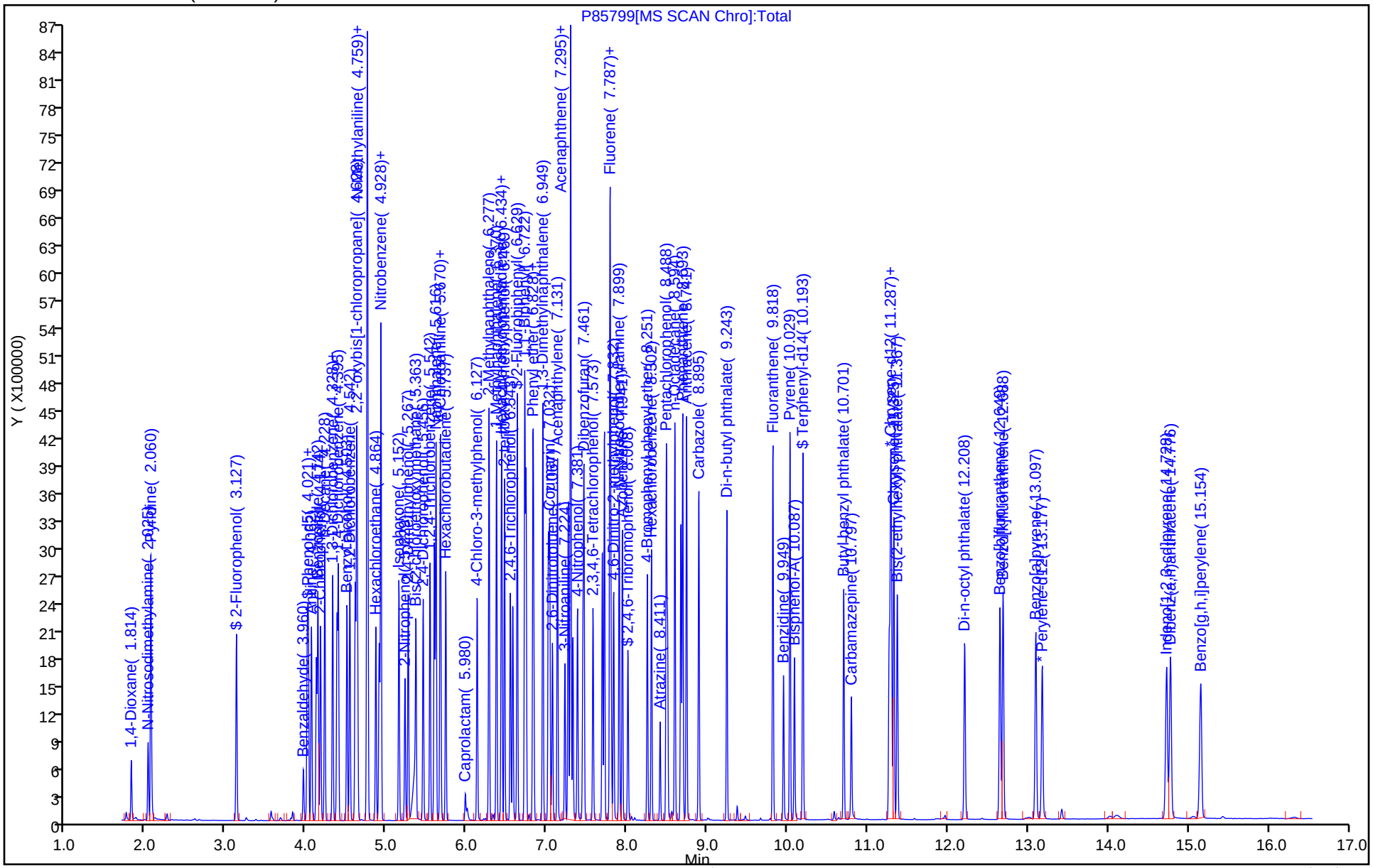
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

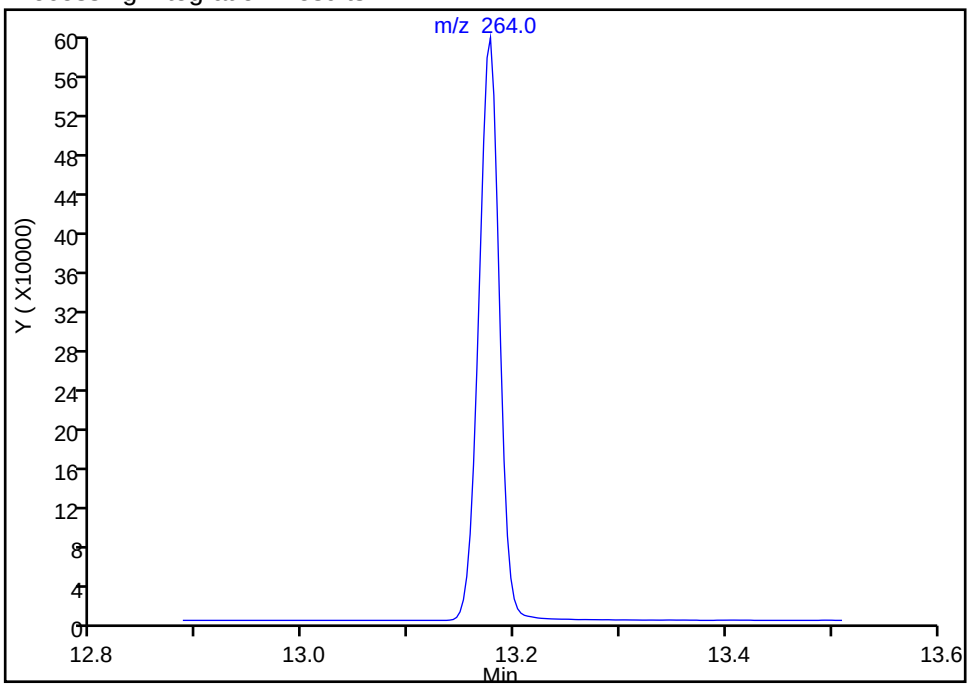
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 110 Perylene-d12, CAS: 1520-96-3

Signal: 1

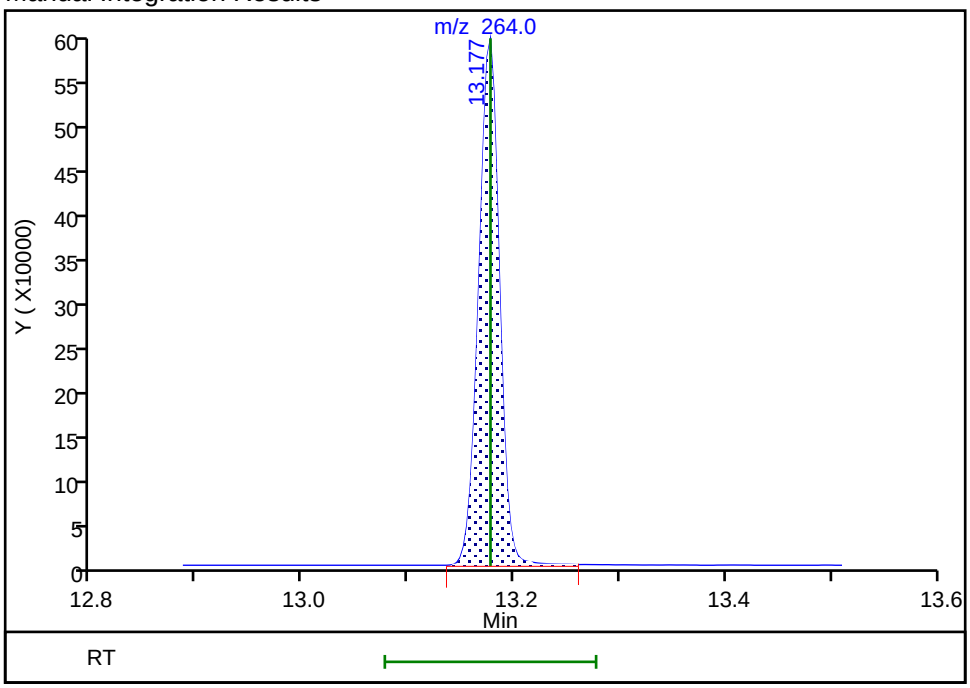
Not Detected
Expected RT: 13.18

Processing Integration Results



Manual Integration Results

RT: 13.18
Area: 809998
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

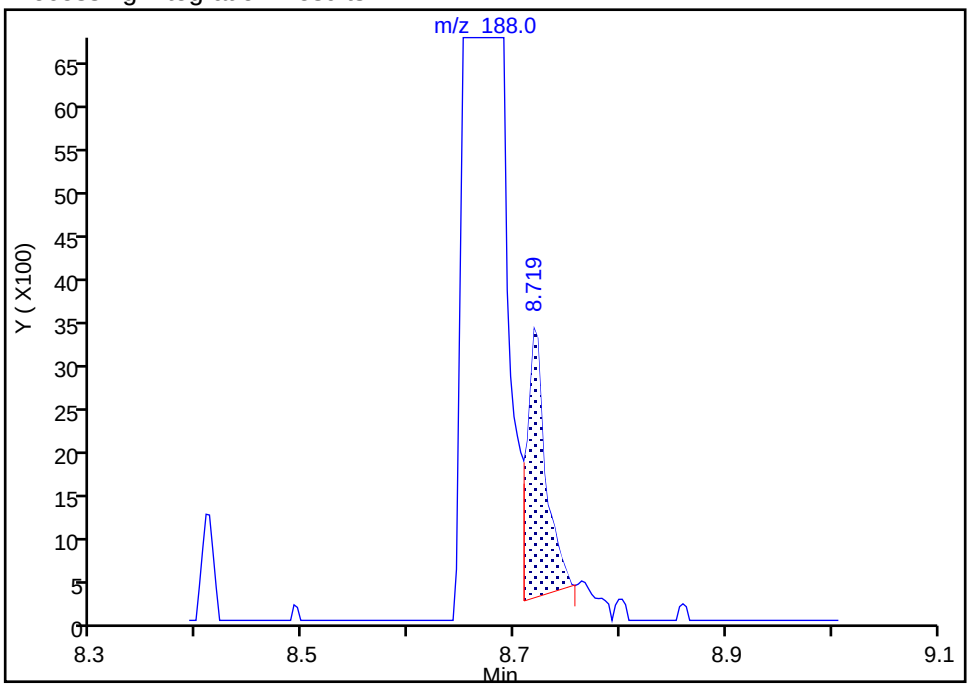
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 88 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

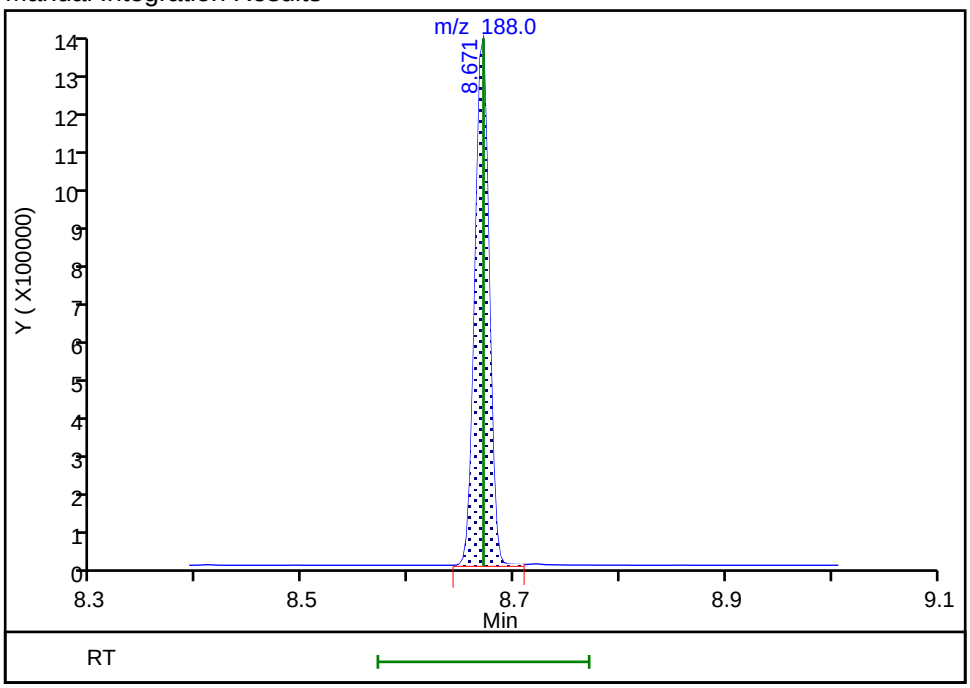
Processing Integration Results

RT: 8.72
Area: 3808
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.67
Area: 1245648
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:37 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

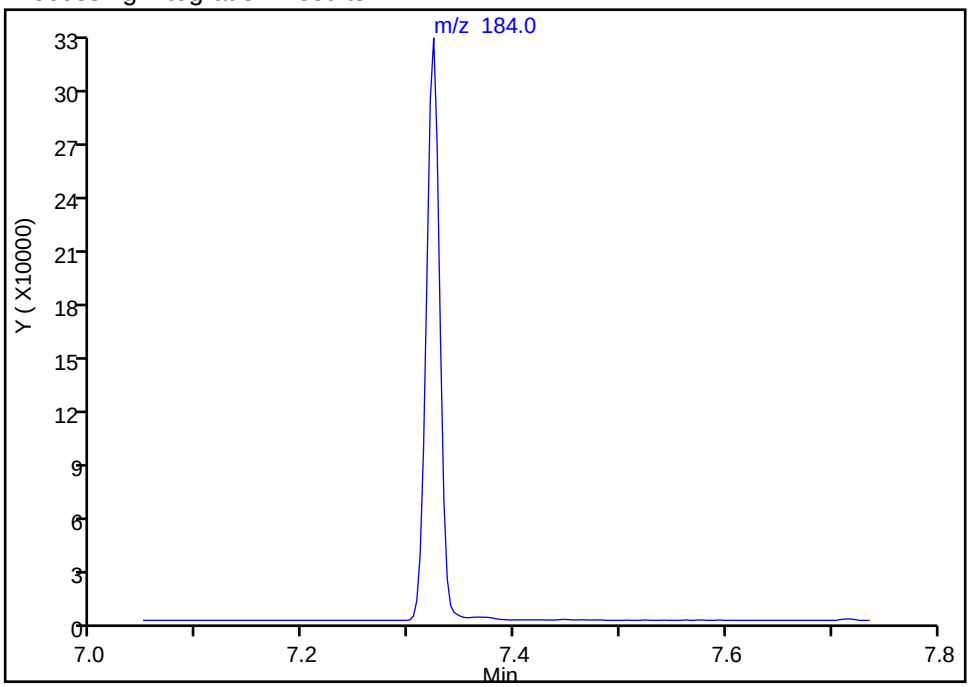
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

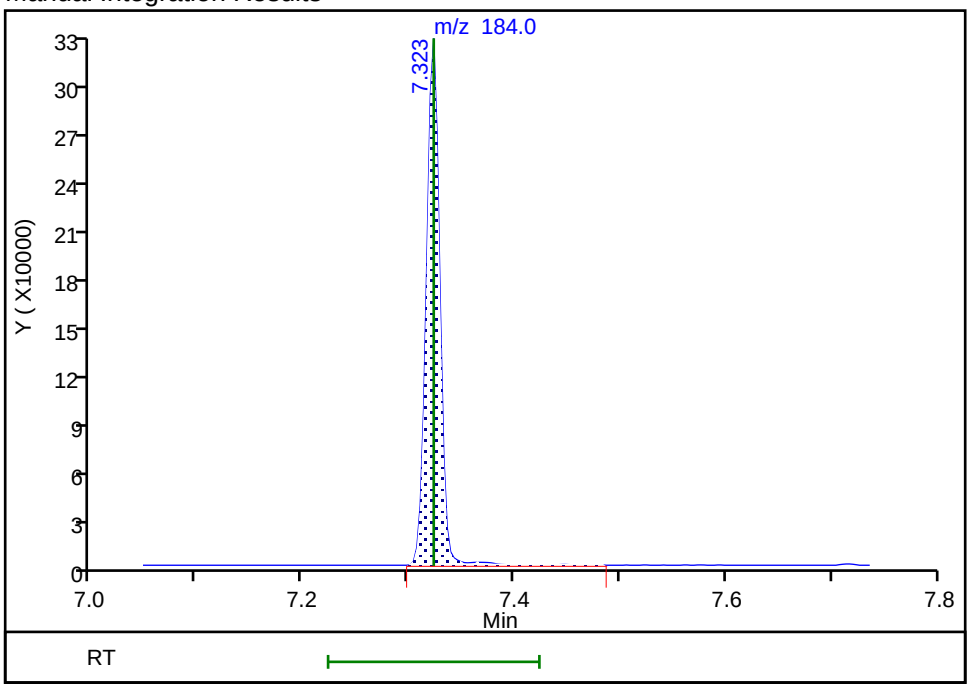
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.32
Area: 293265
Amount: 20.222821
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

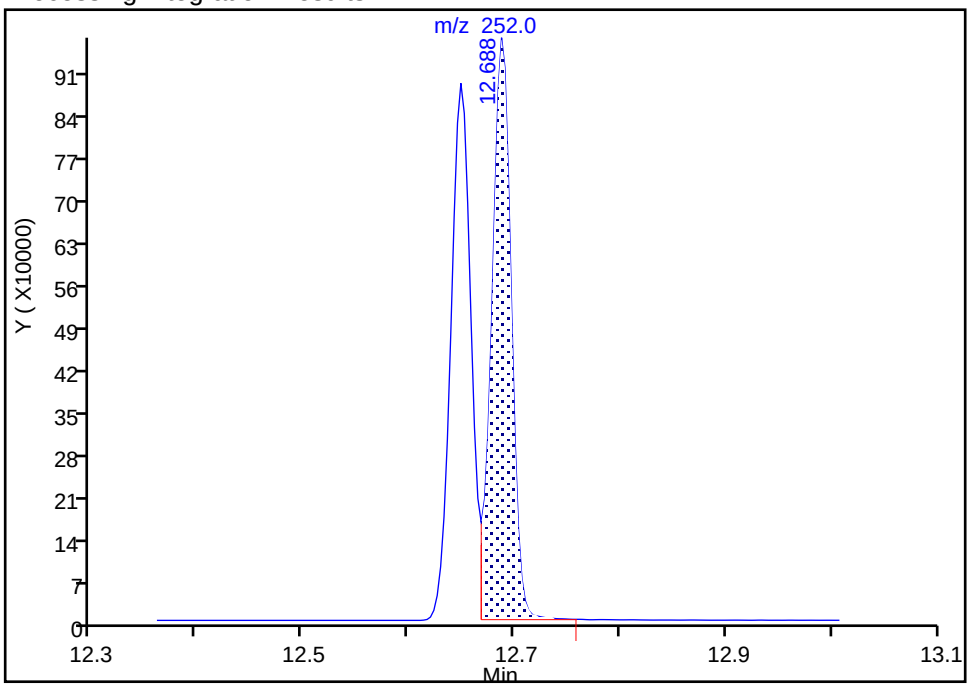
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

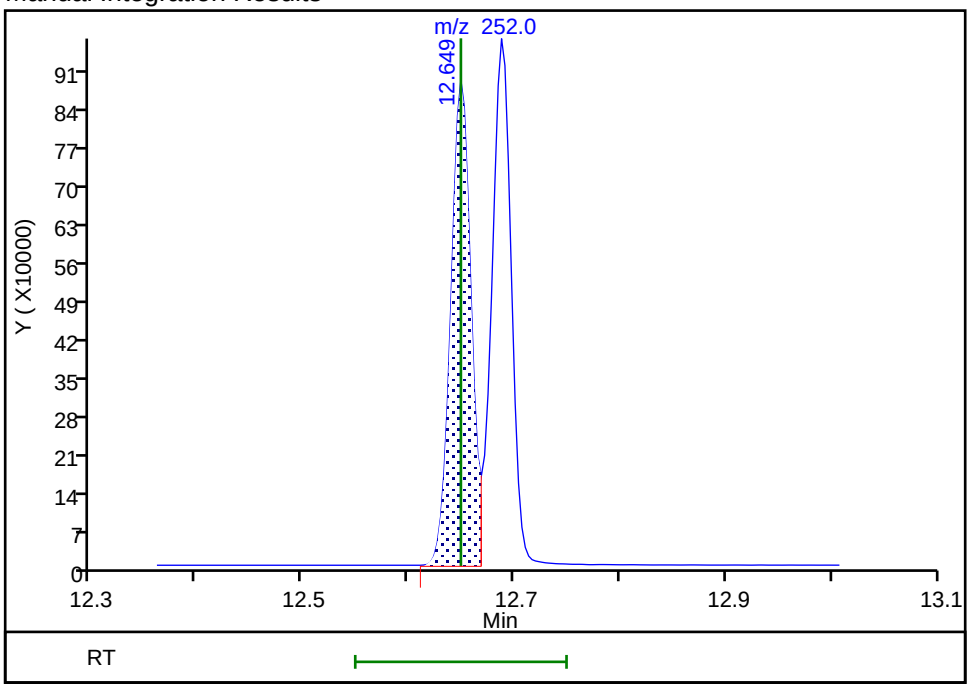
Processing Integration Results

RT: 12.69
Area: 1248081
Amount: 11.451822
Amount Units: ug/ml



Manual Integration Results

RT: 12.65
Area: 1193607
Amount: 10.951994
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:54 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

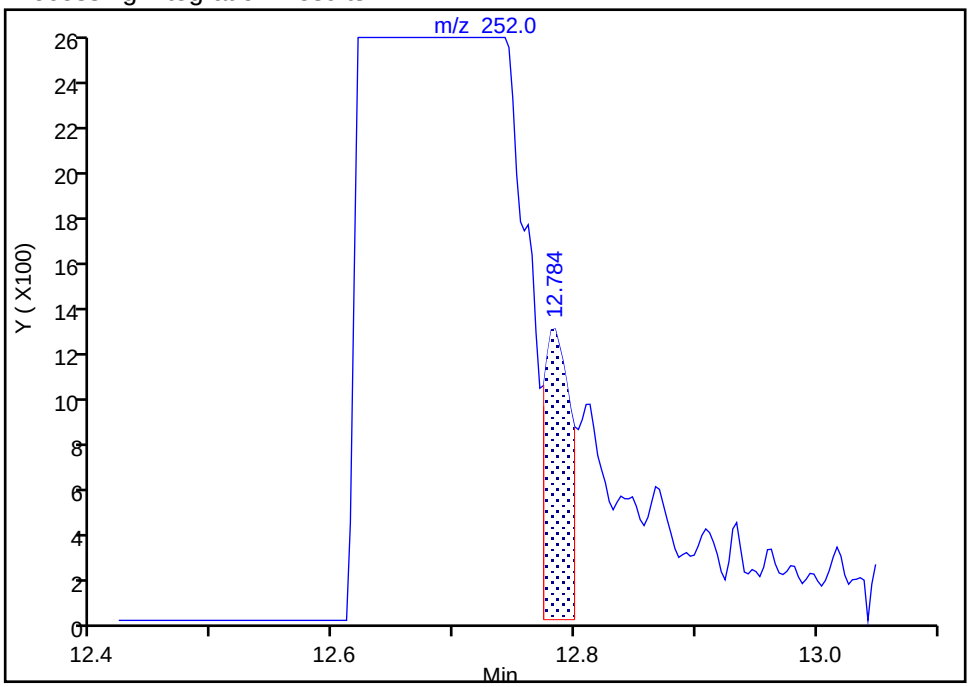
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

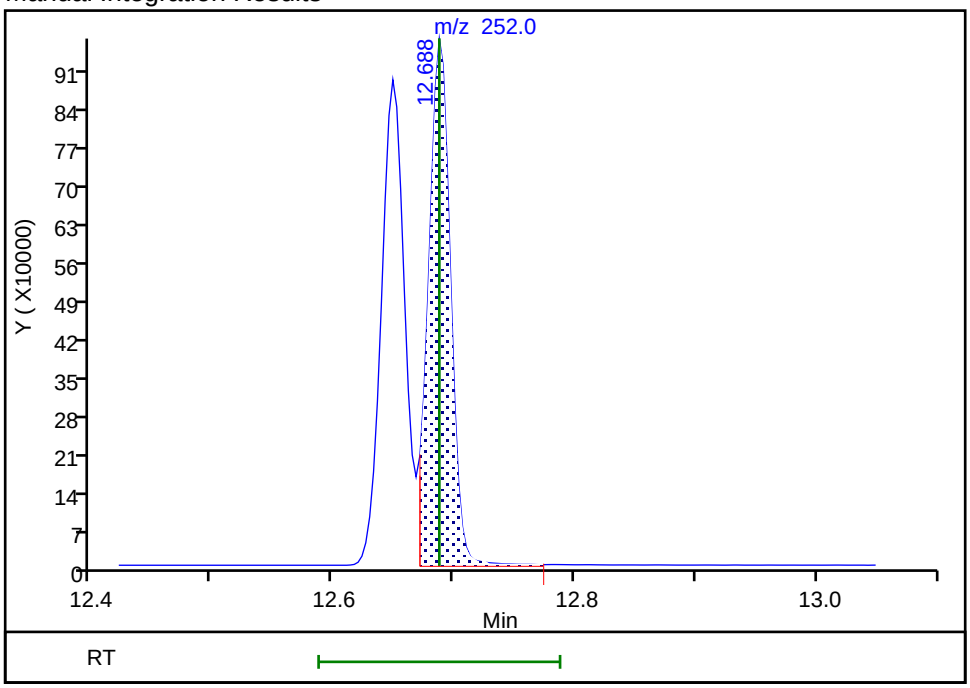
Processing Integration Results

RT: 12.78
Area: 1920
Amount: 0.016510
Amount Units: ug/ml



Manual Integration Results

RT: 12.69
Area: 1224603
Amount: 10.530306
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

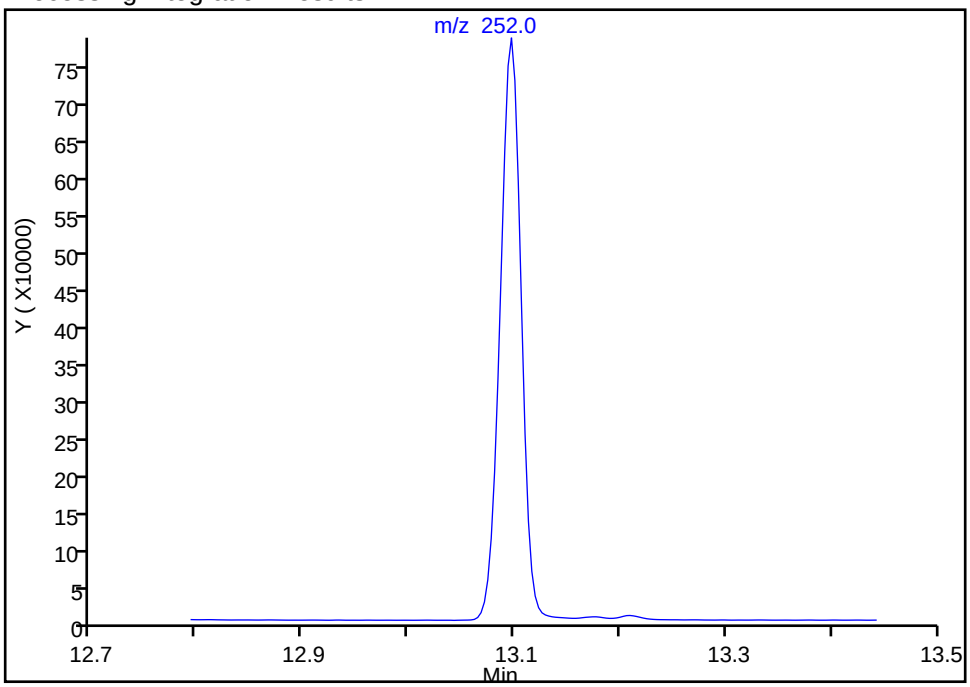
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

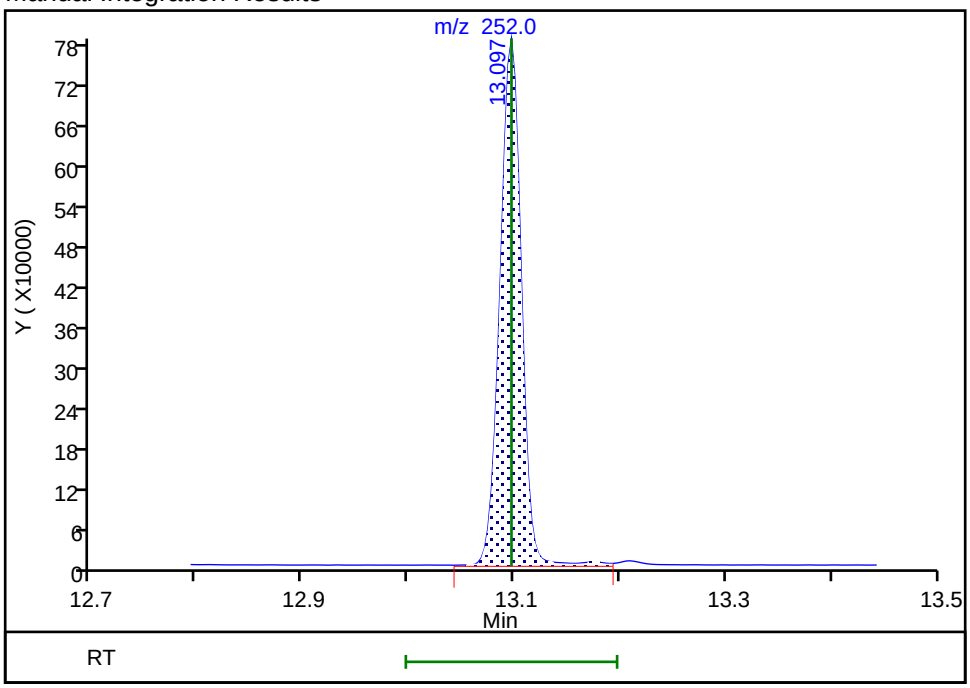
Not Detected
Expected RT: 13.10

Processing Integration Results



Manual Integration Results

RT: 13.10
Area: 1090540
Amount: 11.037299
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

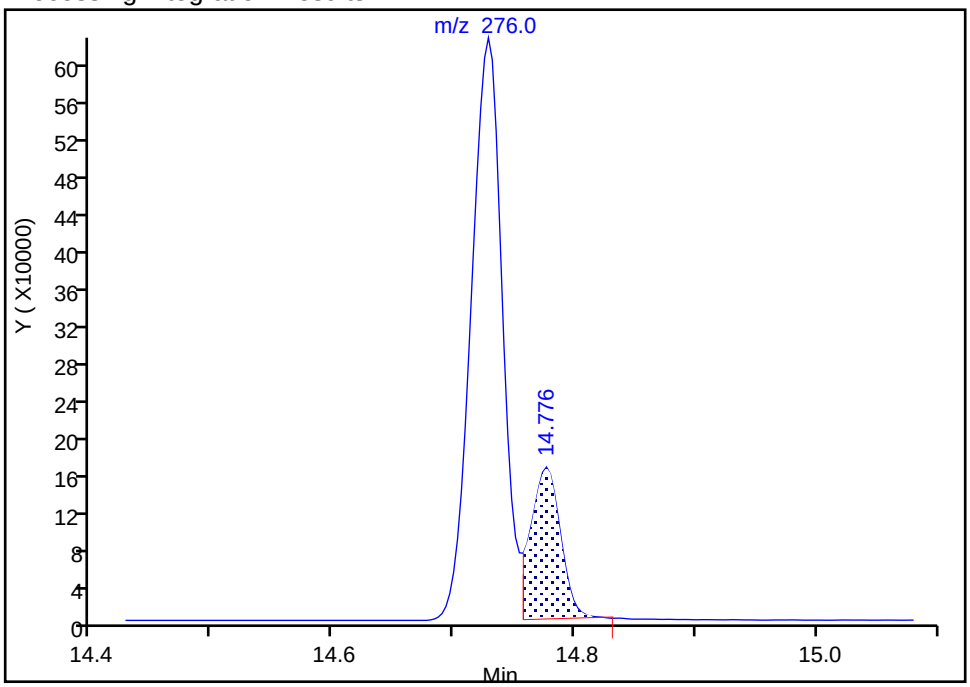
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

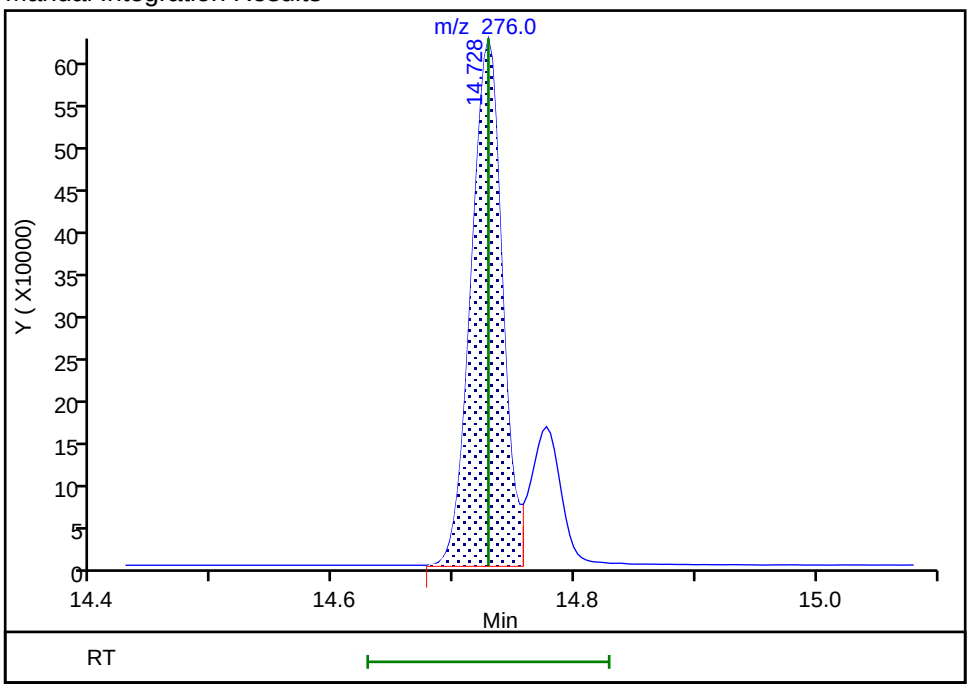
Processing Integration Results

RT: 14.78
Area: 279600
Amount: 2.476749
Amount Units: ug/ml



Manual Integration Results

RT: 14.73
Area: 1123161
Amount: 9.949172
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:30:59 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

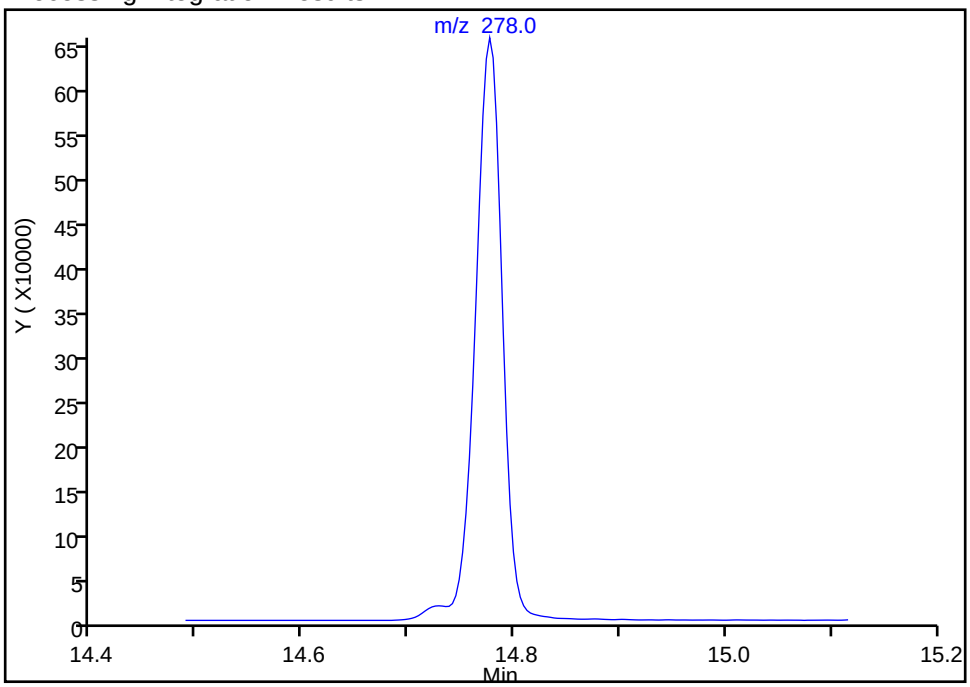
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

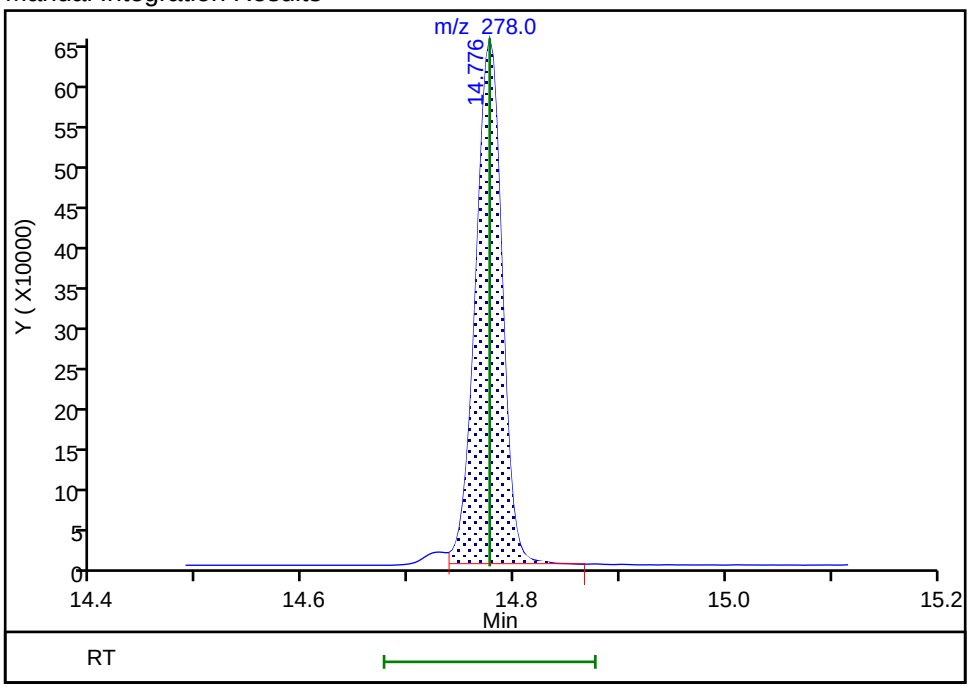
Not Detected
Expected RT: 14.78

Processing Integration Results



Manual Integration Results

RT:	14.78
Area:	1135203
Amount:	9.740238
Amount Units:	ug/ml



Reviewer: U6BX, 22-Jun-2024 07:31:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

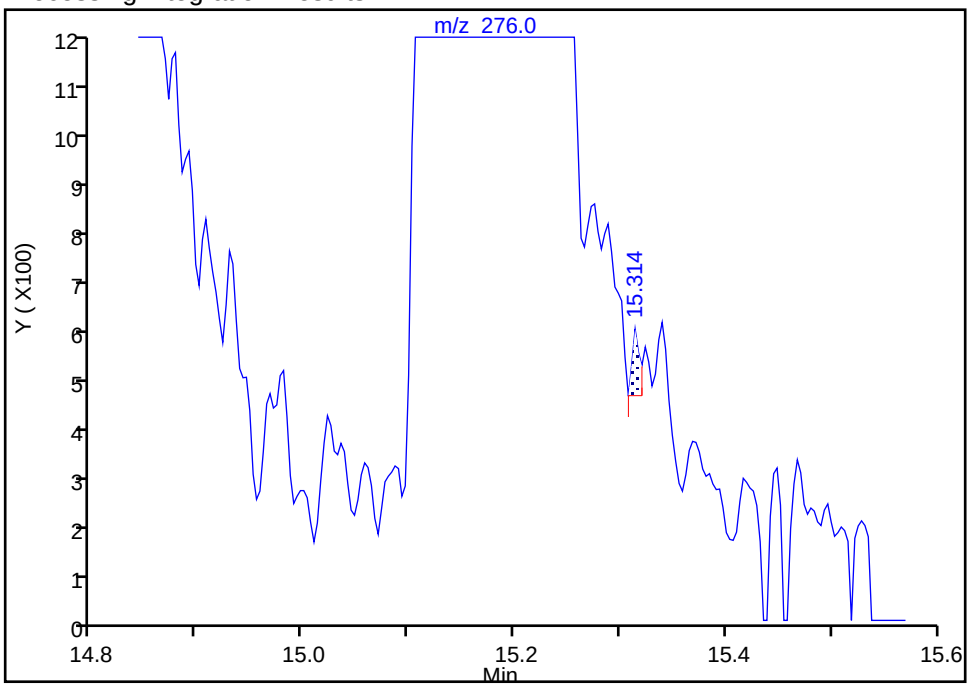
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85799.D				
Injection Date:	22-Jun-2024 07:06:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

113 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

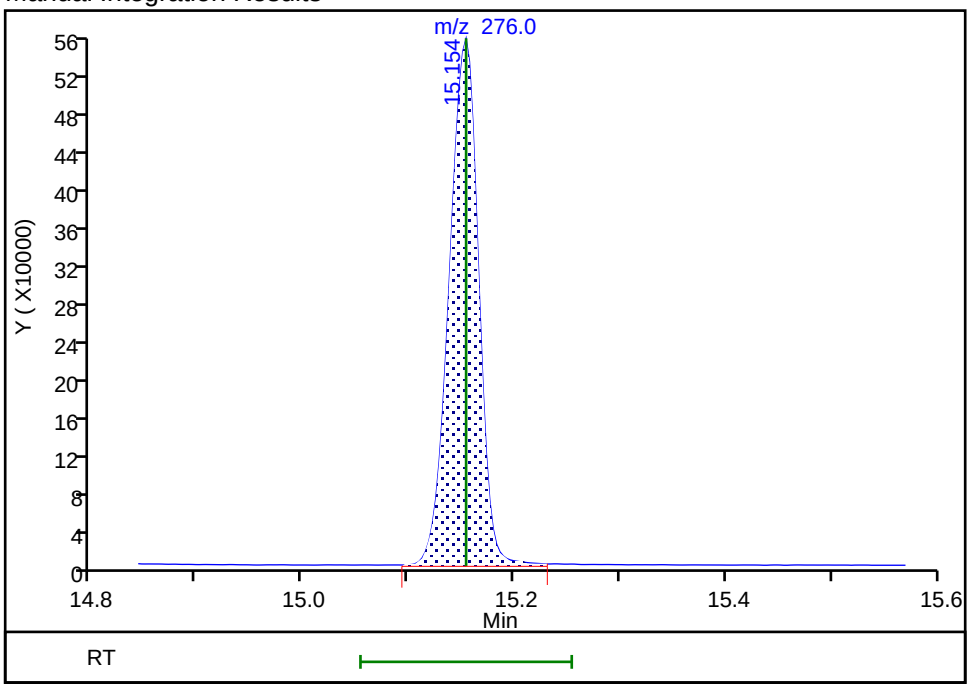
Processing Integration Results

RT: 15.31
Area: 65
Amount: 0.000588
Amount Units: ug/ml



Manual Integration Results

RT: 15.15
Area: 1054981
Amount: 9.538255
Amount Units: ug/ml



Reviewer: U6BX, 22-Jun-2024 07:31:02 -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.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981794/2 | Calibration Date: 06/23/2024 16:22

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85835.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5406	0.5522		10200	10000	2.2	20.0
N-Nitrosodimethylamine	Ave	0.8095	0.9088		11200	10000	12.3	20.0
Pyridine	Ave	1.209	1.291		21400	20000	6.8	20.0
Benzaldehyde	Ave	1.103	0.7420	0.0100	2690	4000	-32.7*	20.0
Phenol	Ave	1.667	1.808	0.8000	10800	10000	8.5	20.0
Aniline	Ave	1.959	2.108		10800	10000	7.6	20.0
Bis(2-chloroethyl)ether	Ave	1.308	1.376	0.7000	10500	10000	5.2	20.0
2-Chlorophenol	Ave	1.359	1.451	0.8000	10700	10000	6.8	20.0
n-Decane	Ave	1.225	1.183		9660	10000	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.538	1.566		10200	10000	1.8	20.0
1,4-Dichlorobenzene	Ave	1.560	1.568		10100	10000	0.5	20.0
Benzyl alcohol	Ave	0.8692	0.9704		11200	10000	11.6	20.0
1,2-Dichlorobenzene	Ave	1.479	1.499		10100	10000	1.3	20.0
2-Methylphenol	Ave	1.203	1.325	0.7000	11000	10000	10.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.570	1.624	0.0100	10300	10000	3.4	20.0
N-Methylaniline	Ave	1.989	2.336		11700	10000	17.4	20.0
3 & 4 Methylphenol	Ave	1.418	1.585		11200	10000	11.8	20.0
4-Methylphenol	Ave	1.418	1.585	0.6000	11200	10000	11.8	20.0
Acetophenone	Ave	1.992	2.149	0.0100	10800	10000	7.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9103	1.049	0.5000	11500	10000	15.2	20.0
Hexachloroethane	Ave	0.5580	0.5488	0.3000	9840	10000	-1.6	20.0
Nitrobenzene	Ave	0.6514	0.7474	0.2000	11500	10000	14.7	20.0
n,n'-Dimethylaniline	Ave	2.105	2.332	0.0100	11100	10000	10.8	20.0
Isophorone	Ave	0.6225	0.6887	0.4000	11100	10000	10.6	20.0
2-Nitrophenol	Ave	0.1683	0.1975	0.1000	11700	10000	17.3	20.0
2,4-Dimethylphenol	Ave	0.2582	0.2704	0.2000	10500	10000	4.7	20.0
Benzoic acid	Lin1		0.2226		12200	10000	21.5*	20.0
Bis(2-chloroethoxy)methane	Ave	0.4113	0.4219	0.3000	10300	10000	2.6	20.0
2,4-Dichlorophenol	Ave	0.2728	0.2891	0.2000	10600	10000	6.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3029	0.3027		9990	10000	-0.0	20.0
Naphthalene	Ave	1.064	1.089	0.7000	10200	10000	2.4	20.0
4-Chloroaniline	Ave	0.3903	0.4407	0.0100	11300	10000	12.9	20.0
Hexachlorobutadiene	Ave	0.1722	0.1646	0.0100	9560	10000	-4.4	20.0
Caprolactam	Lin2		0.1062	0.0100	5210	4000	30.2*	20.0
4-Chloro-3-methylphenol	Ave	0.2655	0.3084	0.2000	11600	10000	16.1	20.0
2-Methylnaphthalene	Ave	0.6921	0.7253	0.4000	10500	10000	4.8	20.0
1-Methylnaphthalene	Ave	0.6297	0.6675		10600	10000	6.0	20.0
Hexachlorocyclopentadiene	Ave	0.3667	0.3133	0.0500	8540	10000	-14.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5747	0.5507	0.0100	9580	10000	-4.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.3929	0.4403		11200	10000	12.0	20.0
2,4,6-Trichlorophenol	Ave	0.3448	0.3791	0.2000	11000	10000	9.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981794/2 | Calibration Date: 06/23/2024 16:22

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85835.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	0.3829	0.4063	0.2000	10600	10000	6.1	20.0
1,1'-Biphenyl	Ave	1.612	1.595	0.0100	9900	10000	-1.0	20.0
2-Chloronaphthalene	Ave	1.224	1.195	0.8000	9770	10000	-2.3	20.0
Phenyl ether	Ave	0.8776	0.8695		9910	10000	-0.9	20.0
2-Nitroaniline	Ave	0.3770	0.4223	0.0100	11200	10000	12.0	20.0
1,3-Dimethylnaphthalene	Ave	0.998	1.009		10100	10000	1.1	20.0
Dimethyl phthalate	Ave	1.269	1.341	0.0100	10600	10000	5.7	20.0
Coumarin	Ave	0.2200	0.2635		12000	10000	19.8	20.0
2,6-Dinitrotoluene	Ave	0.2647	0.3038	0.2000	11500	10000	14.8	20.0
Acenaphthylene	Ave	1.853	1.903	0.9000	10300	10000	2.7	20.0
3-Nitroaniline	Ave	0.3045	0.3691	0.0100	12100	10000	21.2*	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9839	0.9770	0.0100	9930	10000	-0.7	20.0
Acenaphthene	Ave	1.172	1.200	0.9000	10200	10000	2.4	20.0
2,4-Dinitrophenol	Lin1		0.1844	0.0100	23100	20000	15.4	20.0
4-Nitrophenol	Ave	0.1973	0.2457	0.0100	24900	20000	24.6*	20.0
2,4-Dinitrotoluene	Ave	0.3288	0.4093	0.2000	12400	10000	24.5*	20.0
Dibenzofuran	Ave	1.696	1.766	0.8000	10400	10000	4.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2892	0.3292	0.0100	11400	10000	13.8	20.0
Diethyl phthalate	Ave	1.291	1.304	0.0100	10100	10000	1.1	20.0
Fluorene	Ave	1.328	1.429	0.9000	10800	10000	7.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6243	0.6367	0.4000	10200	10000	2.0	20.0
4-Nitroaniline	Ave	0.3003	0.3705	0.0100	12300	10000	23.4*	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1340	0.0100	22200	20000	11.0	20.0
N-Nitrosodiphenylamine	Ave	0.5448	0.5530	0.0100	10200	10000	1.5	20.0
1,2-Diphenylhydrazine	Ave	0.7912	0.7687		9720	10000	-2.8	20.0
Azobenzene	Ave	0.7917	0.7695		9720	10000	-2.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2103	0.2054	0.1000	9770	10000	-2.3	20.0
Hexachlorobenzene	Ave	0.2542	0.2529	0.1000	9950	10000	-0.5	20.0
Atrazine	Ave	0.1774	0.2055	0.0100	4630	4000	15.8	20.0
Pentachlorophenol	Ave	0.1487	0.1628	0.0500	21900	20000	9.5	20.0
Pentachloronitrobenzene	Ave	0.0850	0.0890	0.0100	10500	10000	4.7	20.0
n-Octadecane	Ave	0.4778	0.4401		9210	10000	-7.9	20.0
Phenanthrene	Ave	1.054	1.073	0.7000	10200	10000	1.8	20.0
Anthracene	Ave	1.061	1.110	0.7000	10500	10000	4.6	20.0
Carbazole	Ave	0.9412	1.023	0.0100	10900	10000	8.7	20.0
Di-n-butyl phthalate	Ave	1.085	1.149	0.0100	10600	10000	5.9	20.0
Fluoranthene	Ave	0.9931	1.085	0.6000	10900	10000	9.2	20.0
Benzidine	Ave	0.5010	0.4399		8780	10000	-12.2	20.0
Pyrene	Ave	1.509	1.568	0.6000	10400	10000	3.9	20.0
Bisphenol-A	Ave	0.4948	0.5753		11600	10000	16.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981794/2 | Calibration Date: 06/23/2024 16:22

Instrument ID: CBNAMS18 | Calib Start Date: 06/12/2024 07:09

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/12/2024 12:48

Lab File ID: P85835.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5663	0.5920	0.0100	10500	10000	4.5	20.0
2,3,7,8-TCDD	Ave	0.2310	0.1967		85.1	100	-14.9	20.0
Carbamazepine	Lin1		0.4486		8970	10000	-10.3	20.0
3,3'-Dichlorobenzidine	Ave	0.4547	0.4792	0.0100	10500	10000	5.4	20.0
Benzo[a]anthracene	Ave	1.285	1.311	0.8000	10200	10000	2.0	20.0
Chrysene	Ave	1.240	1.234	0.7000	9950	10000	-0.5	20.0
Bis(2-ethylhexyl) phthalate	Qua1		0.7691	0.0100	9140	10000	-8.6	20.0
Di-n-octyl phthalate	Lin2		1.198	0.0100	9340	10000	-6.6	20.0
Benzo[b]fluoranthene	Ave	1.076	1.196		11100	10000	11.1	20.0
Benzo[k]fluoranthene	Ave	1.149	1.228	0.7000	10700	10000	6.9	20.0
Benzo[a]pyrene	Ave	0.9759	1.102	0.7000	11300	10000	13.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.115	1.143	0.5000	10300	10000	2.5	20.0
Dibenz(a,h)anthracene	Ave	1.151	1.113	0.4000	9670	10000	-3.3	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.069	0.5000	9780	10000	-2.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3617	0.4025		11100	10000	11.3	20.0
2-Fluorobiphenyl	Ave	1.523	1.540		10100	10000	1.1	20.0
Terphenyl-d14 (Surr)	Ave	1.237	1.271		10300	10000	2.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85835.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Jun-2024 16:22:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:49:40 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 06:49:40

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	1.798	1.798	0.000	93	220395	10.0	10.2	
2 N-Nitrosodimethylamine	74	2.012	2.012	0.000	97	362731	10.0	11.2	
3 Pyridine	79	2.048	2.048	0.000	96	1030757	20.0	21.4	
$ 4 2-Fluorophenol	112	3.127	3.127	0.000	97	584806	10.0	11.0	
5 Benzaldehyde	77	3.958	3.958	0.000	96	118460	4.00	2.69	
$ 6 Phenol-d5	99	4.015	4.015	0.000	98	769321	10.0	11.7	
7 Phenol	94	4.028	4.028	0.000	97	721734	10.0	10.8	
8 Aniline	93	4.060	4.060	0.000	97	841307	10.0	10.8	
9 Bis(2-chloroethyl)ether	93	4.121	4.121	0.000	98	549287	10.0	10.5	
10 Benzonitrile	103	4.137	4.137	0.000	97	1149046	NC	NC	
11 2-Chlorophenol	128	4.175	4.175	0.000	98	579072	10.0	10.7	
12 n-Decane	43	4.223	4.223	0.000	88	472241	10.0	9.66	
13 1,3-Dichlorobenzene	146	4.322	4.322	0.000	97	624833	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.377	4.377	0.000	95	319292	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.393	4.393	0.000	96	625948	10.0	10.1	
17 Benzyl alcohol	108	4.505	4.505	0.000	96	387289	10.0	11.2	
18 1,2-Dichlorobenzene	146	4.537	4.537	0.000	97	598120	10.0	10.1	
20 2-Methylphenol	108	4.610	4.610	0.000	92	528637	10.0	11.0	
21 2,2'-oxybis[1-chloropropane]	45	4.633	4.633	0.000	95	648154	10.0	10.3	
22 N-Methylaniline	106	4.751	4.751	0.000	98	932205	10.0	11.7	a
26 4-Methylphenol	108	4.760	4.760	0.000	76	632450	10.0	11.2	
25 3 & 4 Methylphenol	108	4.760	4.760	0.000	95	632535	10.0	11.2	
24 N-Nitrosodi-n-propylamine	70	4.760	4.760	0.000	66	418538	10.0	11.5	
23 Acetophenone	105	4.760	4.760	0.000	90	857773	10.0	10.8	
27 Hexachloroethane	117	4.860	4.860	0.000	96	219021	10.0	9.84	
$ 28 Nitrobenzene-d5	82	4.904	4.904	0.000	85	651231	10.0	11.1	
29 Nitrobenzene	123	4.924	4.924	0.000	99	298296	10.0	11.5	
30 n,n'-Dimethylaniline	120	4.927	4.927	0.000	92	930873	10.0	11.1	
31 Isophorone	82	5.150	5.150	0.000	99	1114422	10.0	11.1	
32 2-Nitrophenol	139	5.227	5.227	0.000	96	319501	10.0	11.7	
33 2,4-Dimethylphenol	122	5.269	5.269	0.000	92	437512	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
35 Benzoic acid	122	5.355	5.355	0.000	86	360189	10.0	12.2	
34 Bis(2-chloroethoxy)methane	93	5.362	5.362	0.000	98	682759	10.0	10.3	
36 2,4-Dichlorophenol	162	5.457	5.457	0.000	97	467839	10.0	10.6	
37 1,2,4-Trichlorobenzene	180	5.537	5.537	0.000	95	489791	10.0	10.0	
* 38 Naphthalene-d8	136	5.592	5.592	0.000	99	1294495	8.00	8.00	
39 Naphthalene	128	5.611	5.611	0.000	99	1762084	10.0	10.2	
40 4-Chloroaniline	127	5.665	5.665	0.000	97	713028	10.0	11.3	
41 2,6-Dichlorophenol	162	5.672	5.672	0.000	99	464723	10.0	10.6	
42 Hexachlorobutadiene	225	5.733	5.733	0.000	97	266376	10.0	9.56	
44 Caprolactam	113	5.979	5.979	0.000	94	68706	4.00	5.21	
45 4-Chloro-3-methylphenol	107	6.132	6.132	0.000	96	498962	10.0	11.6	
46 2-Methylnaphthalene	142	6.273	6.273	0.000	85	1173660	10.0	10.5	
47 1-Methylnaphthalene	142	6.366	6.366	0.000	92	1080027	10.0	10.6	
48 Hexachlorocyclopentadiene	237	6.423	6.423	0.000	97	273630	10.0	8.54	
49 1,2,4,5-Tetrachlorobenzene	216	6.433	6.433	0.000	97	481043	10.0	9.58	
50 2-tertbutyl-4-methylphenol	149	6.468	6.468	0.000	92	712388	10.0	11.2	
51 2,4,6-Trichlorophenol	196	6.542	6.542	0.000	90	331113	10.0	11.0	
52 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	97	354949	10.0	10.6	
$ 53 2-Fluorobiphenyl	172	6.625	6.625	0.000	98	1345239	10.0	10.1	
54 1,1'-Biphenyl	154	6.718	6.718	0.000	95	1393529	10.0	9.90	
55 2-Chloronaphthalene	162	6.734	6.734	0.000	99	1044129	10.0	9.77	
56 Phenyl ether	170	6.820	6.820	0.000	87	759503	10.0	9.91	
57 2-Nitroaniline	65	6.833	6.833	0.000	96	368878	10.0	11.2	
58 1,3-Dimethylnaphthalene	156	6.945	6.945	0.000	92	881283	10.0	10.1	
59 Dimethyl phthalate	163	7.012	7.012	0.000	99	1171539	10.0	10.6	
60 Coumarin	146	7.028	7.028	0.000	81	426398	10.0	12.0	
61 2,6-Dinitrotoluene	165	7.063	7.063	0.000	97	265367	10.0	11.5	
62 Acenaphthylene	152	7.127	7.127	0.000	97	1662300	10.0	10.3	
63 3-Nitroaniline	138	7.220	7.220	0.000	98	322385	10.0	12.1	
* 64 Acenaphthene-d10	164	7.262	7.262	0.000	95	698811	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.290	7.290	0.000	97	853449	10.0	9.93	
65 Acenaphthene	154	7.290	7.290	0.000	96	1048471	10.0	10.2	
67 2,4-Dinitrophenol	184	7.319	7.319	0.000	96	322128	20.0	23.1	Ma
68 4-Nitrophenol	65	7.386	7.386	0.000	89	429252	20.0	24.9	
69 2,4-Dinitrotoluene	165	7.444	7.444	0.000	96	357486	10.0	12.4	
70 Dibenzofuran	168	7.457	7.457	0.000	96	1542776	10.0	10.4	
71 2,3,4,6-Tetrachlorophenol	232	7.572	7.572	0.000	94	287562	10.0	11.4	
72 Diethyl phthalate	149	7.687	7.687	0.000	99	1139176	10.0	10.1	
73 Fluorene	166	7.780	7.780	0.000	95	1248264	10.0	10.8	
74 4-Chlorophenyl phenyl ether	204	7.783	7.783	0.000	90	556177	10.0	10.2	
75 4-Nitroaniline	138	7.799	7.799	0.000	91	323643	10.0	12.3	
76 4,6-Dinitro-2-methylphenol	198	7.828	7.828	0.000	88	425658	20.0	22.2	
77 N-Nitrosodiphenylamine	169	7.895	7.895	0.000	99	877999	10.0	10.2	
131 Azobenzene	77	7.934	7.934	0.000	0	1221772	10.0	9.72	
78 1,2-Diphenylhydrazine	77	7.934	7.934	0.000	98	1220507	10.0	9.72	
$ 79 2,4,6-Tribromophenol	330	8.004	8.004	0.000	92	249909	10.0	12.2	
80 4-Bromophenyl phenyl ether	248	8.247	8.247	0.000	91	326177	10.0	9.77	
82 Hexachlorobenzene	284	8.299	8.299	0.000	96	401483	10.0	9.95	
83 Atrazine	200	8.407	8.407	0.000	93	130516	4.00	4.63	
84 Pentachlorophenol	266	8.487	8.487	0.000	95	516868	20.0	21.9	
85 Pentachloronitrobenzene	237	8.497	8.497	0.000	90	141267	10.0	10.5	
87 n-Octadecane	57	8.590	8.590	0.000	88	698704	10.0	9.21	

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	8.664	8.664	0.000	99	1270158	8.00	8.00	
89 Phenanthrene	178	8.686	8.686	0.000	98	1703786	10.0	10.2	
90 Anthracene	178	8.734	8.734	0.000	98	1762410	10.0	10.5	
91 Carbazole	167	8.891	8.891	0.000	96	1624517	10.0	10.9	
92 Di-n-butyl phthalate	149	9.236	9.236	0.000	99	1824007	10.0	10.6	
93 Fluoranthene	202	9.812	9.812	0.000	97	1722187	10.0	10.9	
94 Benzidine	184	9.943	9.943	0.000	100	698378	10.0	8.78	
95 Pyrene	202	10.023	10.023	0.000	97	1812039	10.0	10.4	
96 Bisphenol-A	213	10.081	10.081	0.000	98	664834	10.0	11.6	
$ 97 Terphenyl-d14	244	10.187	10.187	0.000	97	1468685	10.0	10.3	
98 Butyl benzyl phthalate	149	10.696	10.696	0.000	97	684097	10.0	10.5	
99 2,3,7,8-TCDD	320	10.769	10.769	0.000	89	2273	0.1000	0.0851	
100 Carbamazepine	193	10.792	10.792	0.000	92	518373	10.0	8.97	
101 3,3'-Dichlorobenzidine	252	11.259	11.259	0.000	99	553827	10.0	10.5	
102 Benzo[a]anthracene	228	11.278	11.278	0.000	100	1515271	10.0	10.2	
* 103 Chrysene-d12	240	11.288	11.288	0.000	99	924531	8.00	8.00	
104 Chrysene	228	11.320	11.320	0.000	98	1426098	10.0	9.95	
105 Bis(2-ethylhexyl) phthalate	149	11.362	11.362	0.000	86	888864	10.0	9.14	
106 Di-n-octyl phthalate	149	12.200	12.200	0.000	96	1408798	10.0	9.34	
107 Benzo[b]fluoranthene	252	12.642	12.642	0.000	98	1406879	10.0	11.1	
108 Benzo[k]fluoranthene	252	12.681	12.681	0.000	99	1444225	10.0	10.7	
109 Benzo[a]pyrene	252	13.087	13.087	0.000	96	1296499	10.0	11.3	
* 110 Perylene-d12	264	13.167	13.167	0.000	98	940917	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.718	14.718	0.000	99	1344279	10.0	10.3	
112 Dibenz(a,h)anthracene	278	14.766	14.766	0.000	97	1309176	10.0	9.67	
113 Benzo[g,h,i]perylene	276	15.144	15.144	0.000	97	1257062	10.0	9.78	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 24-Jun-2024 06:49:42 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85835.D

Injection Date: 23-Jun-2024 16:22:30 Instrument ID: CBNAMS18 Operator ID:

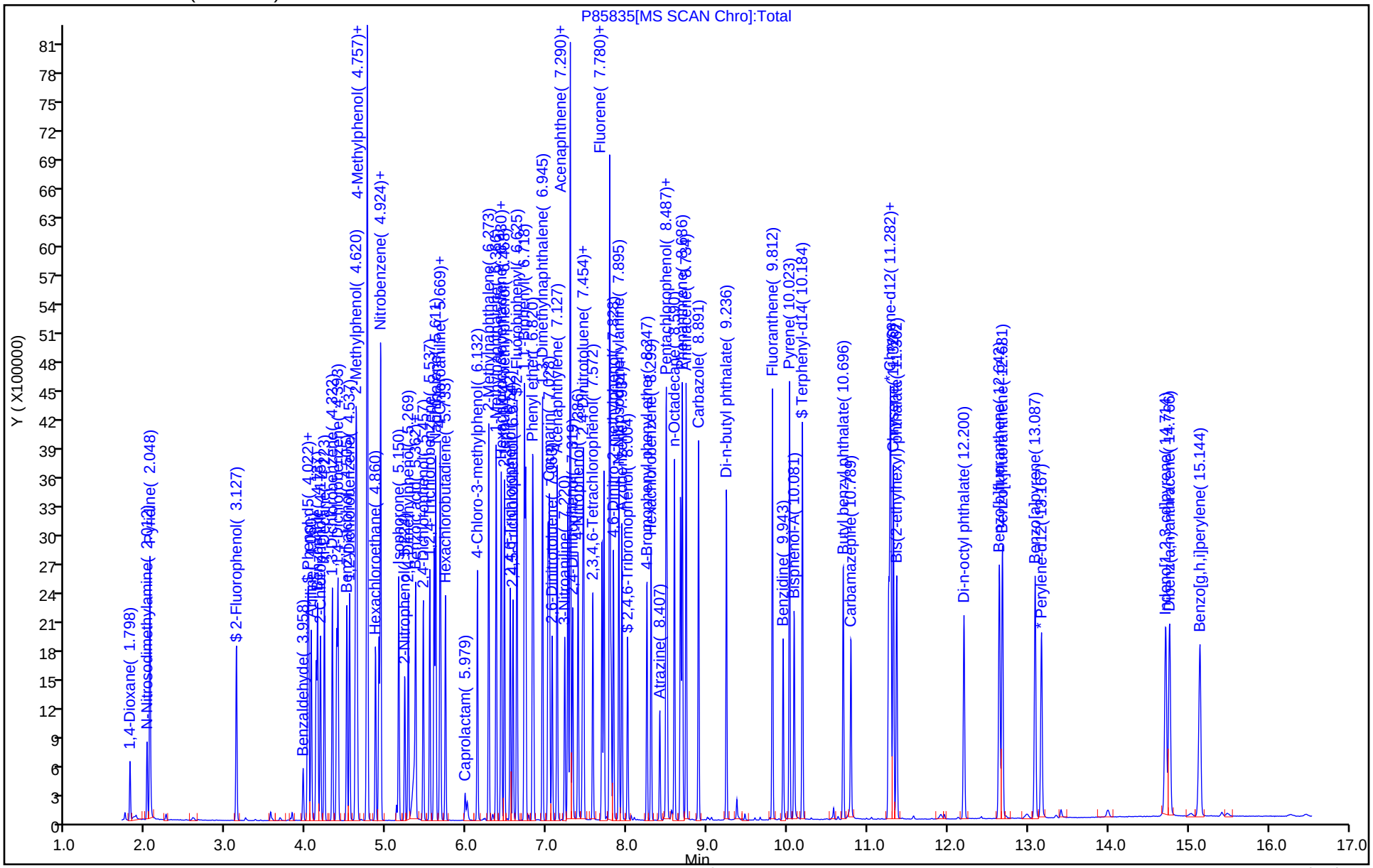
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

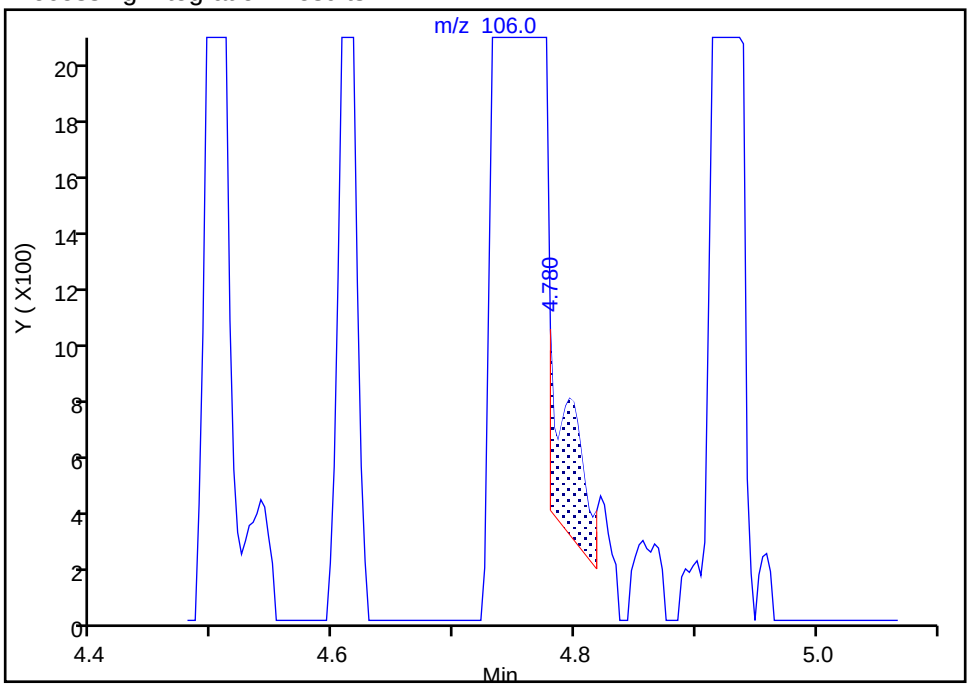
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85835.D				
Injection Date:	23-Jun-2024 16:22:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

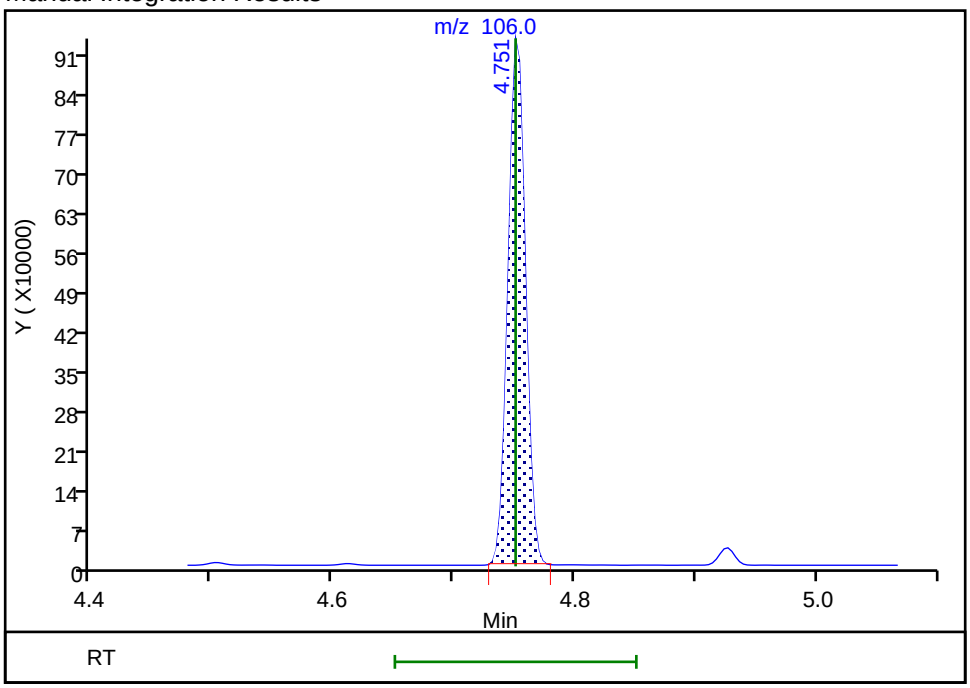
Processing Integration Results

RT: 4.78
Area: 860
Amount: 0.010835
Amount Units: ug/ml



Manual Integration Results

RT: 4.75
Area: 932205
Amount: 11.744776
Amount Units: ug/ml



Reviewer: U6BX, 23-Jun-2024 16:46:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

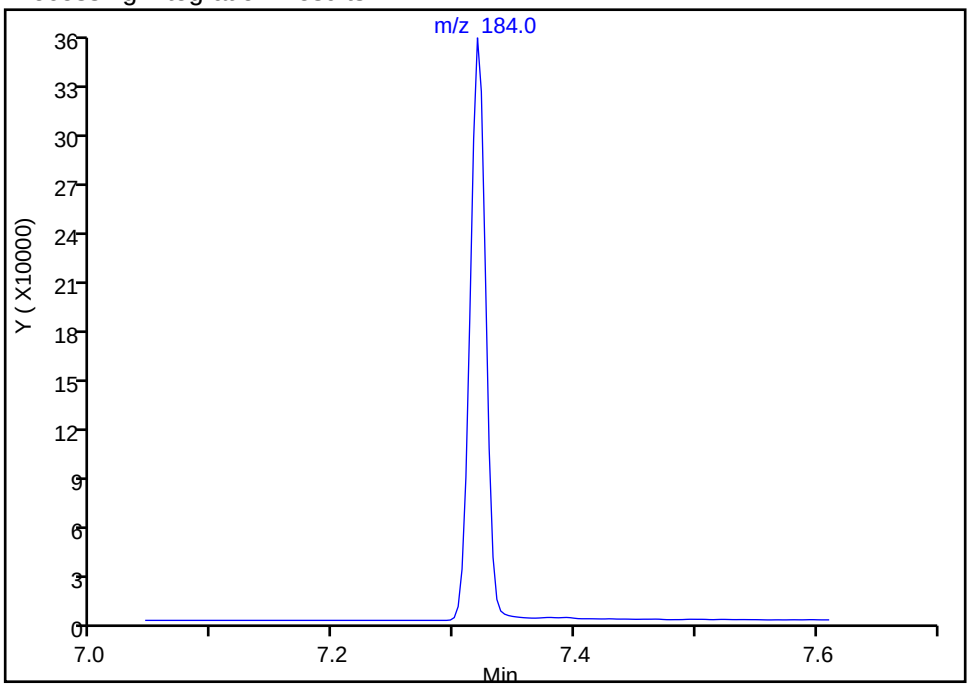
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85835.D				
Injection Date:	23-Jun-2024 16:22:30	Instrument ID:	CBNAMS18		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

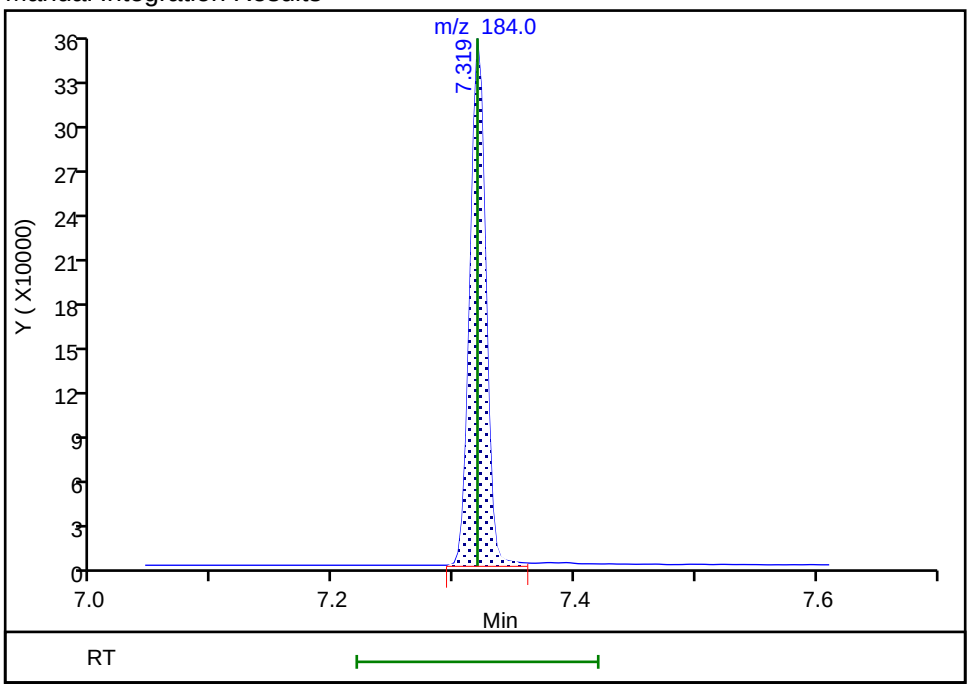
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.32
Area: 322128
Amount: 23.070296
Amount Units: ug/ml



Reviewer: V5XH, 24-Jun-2024 14:41:34 07:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Assign Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 12-Jun-2024 06:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177058-001
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 12-Jun-2024 15:49:49 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: G4KC Date: 12-Jun-2024 15:49:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.613	4.613	0.000	95	259978	NR	NR	
43 Benzidine_T	184	5.849	5.849	0.000	99	1401868	NR	NR	
123 DFTPP									
124 4,4'-DDE	246	6.000	6.000	0.000	89	1190		NR	
125 4,4'-DDD	235	6.294	6.294	0.000	96	8790		NR	
126 4,4'-DDT	235	6.505	6.505	0.000	98	739973	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

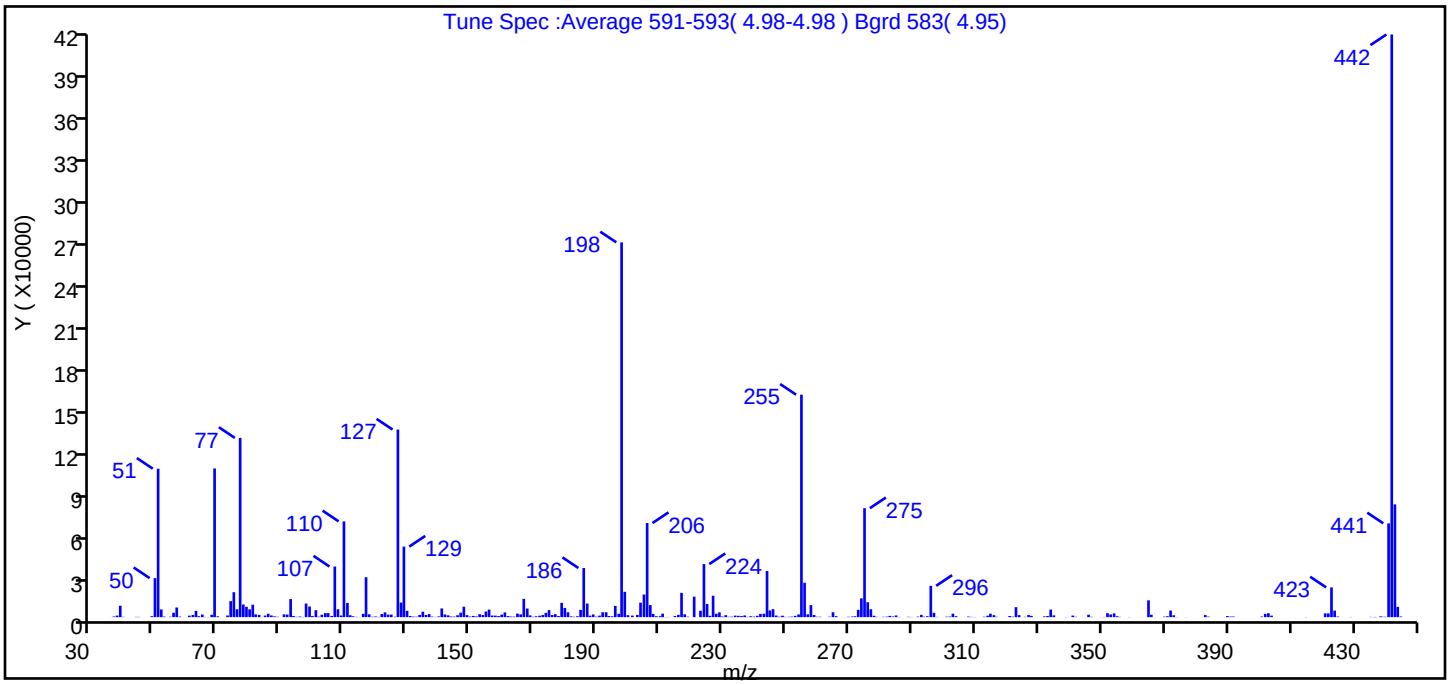
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D
Injection Date: 12-Jun-2024 06:48:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.6)
69	Present	39.7
70	<2% of m/z 69	0.2 (0.6)
197	<2% of m/z 198	0.9
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	4.5
441	<150% of m/z 443	25.0 (83.2)
442	Present	155.5
443	15-24% of m/z 442	30.1 (19.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D\8270LVI_18.rslt\spectra.d
Injection Date: 12-Jun-2024 06:48:30
Spectrum: Tune Spec :Average 591-593(4.98-4.98) Bgrd 583(4.95)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	43	125.00	1773	205.00	16011	294.00	317
37.00	485	126.00	299	206.00	66488	295.00	652
38.00	1108	127.00	132544	207.00	8545	296.00	22128
39.00	8054	128.00	10295	208.00	2267	297.00	3044
40.00	235	129.00	49840	209.00	661	298.00	183
43.00	16	130.00	4487	210.00	658	301.00	315
44.00	184	131.00	818	211.00	2496	302.00	413
45.00	172	132.00	380	212.00	117	303.00	2461
49.00	671	133.00	328	213.00	113	304.00	672
50.00	27568	134.00	1561	215.00	788	308.00	392
51.00	104896	135.00	3845	216.00	1616	309.00	194
52.00	5449	136.00	1547	217.00	17136	310.00	123
53.00	433	137.00	2145	218.00	2013	313.00	285
55.00	302	138.00	384	219.00	346	314.00	995
56.00	3103	139.00	165	221.00	14469	315.00	2413
57.00	6816	140.00	514	223.00	4518	316.00	1393
58.00	403	141.00	6160	224.00	37488	317.00	256
59.00	54	142.00	1898	225.00	9316	321.00	801
61.00	1049	143.00	1266	226.00	950	322.00	371
62.00	1494	144.00	467	227.00	15098	323.00	7077
63.00	4442	145.00	403	228.00	2407	324.00	1416
64.00	673	146.00	1339	229.00	3387	326.00	231
65.00	1854	147.00	3151	230.00	434	327.00	1495
66.00	134	148.00	7377	231.00	1383	328.00	873
67.00	111	149.00	1426	232.00	266	332.00	516
68.00	1680	150.00	418	233.00	360	333.00	790
69.00	105072	151.00	865	234.00	1080	334.00	5338
70.00	584	152.00	531	235.00	941	335.00	1278
73.00	1175	153.00	2075	236.00	763	339.00	121
74.00	11324	154.00	1477	237.00	1210	341.00	1112
75.00	17616	155.00	3984	238.00	187	342.00	244
76.00	5562	156.00	5342	239.00	629	346.00	1714
77.00	126656	157.00	1122	240.00	408	347.00	270

Report Date: 12-Jun-2024 15:49:51 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D\8270LVI_18.rslt\spectra.d
Injection Date: 12-Jun-2024 06:48:30
Spectrum: Tune Spec :Average 591-593(4.98-4.98) Bgrd 583(4.95)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	8955	158.00	1076	241.00	947	350.00	64
79.00	7293	159.00	779	242.00	2294	351.00	107
80.00	5549	160.00	1793	243.00	2433	352.00	2815
81.00	8766	161.00	3338	244.00	32592	353.00	1910
82.00	1962	162.00	764	245.00	4715	354.00	2657
83.00	1638	163.00	417	246.00	5639	355.00	643
84.00	71	164.00	385	247.00	1115	356.00	177
85.00	1135	165.00	2523	248.00	311	359.00	113
86.00	2411	166.00	1945	249.00	1019	363.00	51
87.00	1183	167.00	12929	250.00	216	365.00	11860
88.00	542	168.00	6085	251.00	247	366.00	1691
89.00	284	169.00	1256	252.00	356	370.00	347
91.00	1954	170.00	278	253.00	919	371.00	645
92.00	1848	171.00	609	254.00	1898	372.00	4680
93.00	12806	172.00	1018	255.00	157184	373.00	1320
94.00	833	173.00	1473	256.00	24304	374.00	120
95.00	227	174.00	3036	257.00	1981	377.00	68
96.00	439	175.00	4972	258.00	8499	383.00	1463
97.00	123	176.00	1521	259.00	1492	384.00	366
98.00	9606	177.00	2096	260.00	297	390.00	784
99.00	7524	178.00	777	261.00	281	391.00	395
100.00	761	179.00	10090	264.00	323	392.00	411
101.00	4903	180.00	6509	265.00	3479	401.00	421
102.00	337	181.00	3429	266.00	700	402.00	2338
103.00	1695	182.00	544	268.00	52	403.00	2756
104.00	2864	183.00	265	269.00	57	404.00	1059
105.00	2846	184.00	649	270.00	262	415.00	113
106.00	809	185.00	5129	271.00	414	421.00	2690
107.00	35768	186.00	34696	272.00	605	422.00	2643
108.00	5554	187.00	9584	273.00	5165	423.00	21016
109.00	1167	188.00	1032	274.00	13287	424.00	4630
110.00	67680	189.00	1914	275.00	76992	425.00	403
111.00	10011	190.00	331	276.00	10544	429.00	122
112.00	1340	191.00	1069	277.00	5574	435.00	187

Report Date: 12-Jun-2024 15:49:52 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D\8270LVI_18.rslt\spectra.d
Injection Date: 12-Jun-2024 06:48:30
Spectrum: Tune Spec :Average 591-593(4.98-4.98) Bgrd 583(4.95)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	601	192.00	3448	278.00	977	436.00	118
114.00	195	193.00	3465	279.00	207	437.00	122
115.00	88	194.00	775	281.00	240	438.00	457
116.00	2317	195.00	593	282.00	356	439.00	313
117.00	28232	196.00	7937	283.00	900	440.00	259
118.00	1986	197.00	2350	284.00	478	441.00	66280
119.00	283	198.00	264832	285.00	1192	442.00	411712
120.00	454	199.00	17896	286.00	138	443.00	79680
121.00	196	200.00	1393	289.00	238	444.00	7289
122.00	2221	201.00	1104	290.00	145	445.00	453
123.00	3380	203.00	1537	292.00	385		
124.00	1790	204.00	10200	293.00	1606		

Report Date: 12-Jun-2024 15:49:52 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D

Injection Date: 12-Jun-2024 06:48:30 Instrument ID: CBNAMS18 Operator ID:

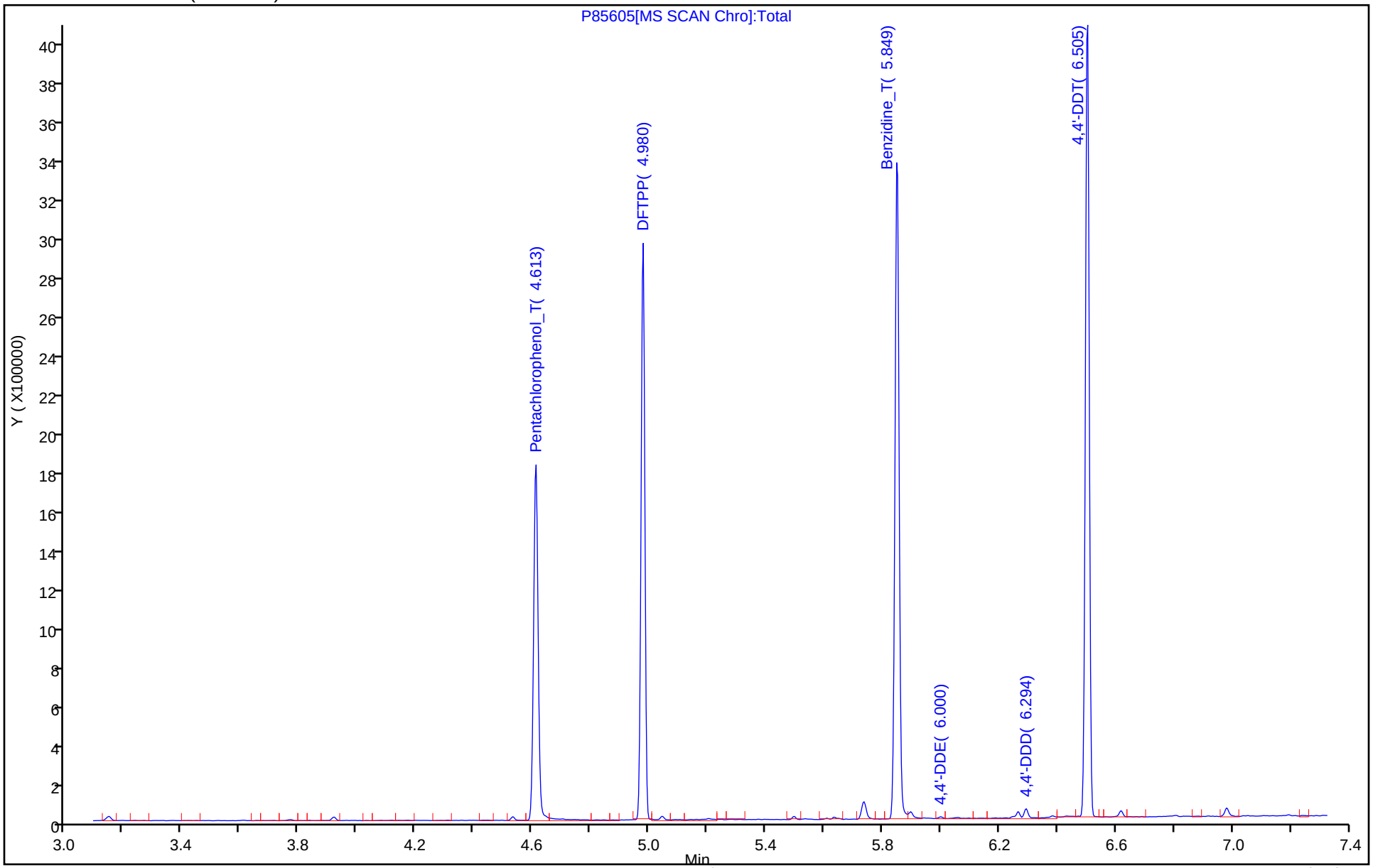
Lims ID: DFTPP Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D				
Injection Date:	12-Jun-2024 06:48:30	Instrument ID:	CBNAMS18		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

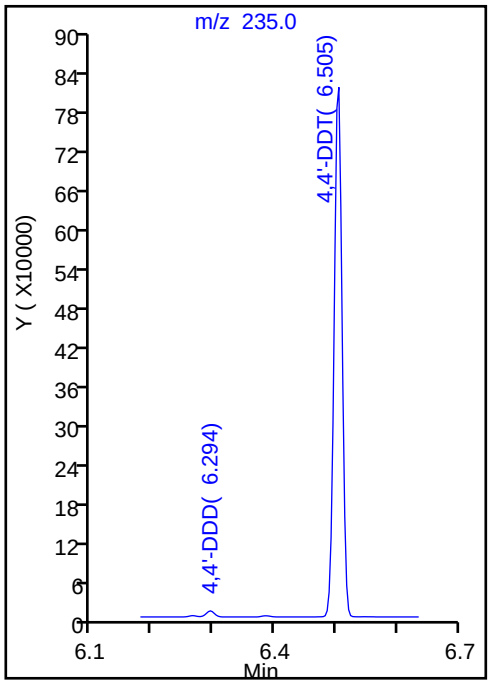
126 4,4'-DDT, Detector: MS SCAN

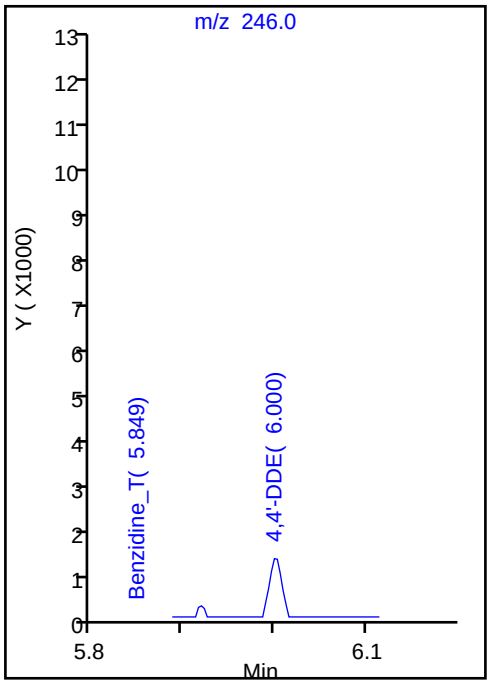
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 739973
125 4,4'-DDD, Area = 8790
124 4,4'-DDE, Area = 1190

%Breakdown: 1.33%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

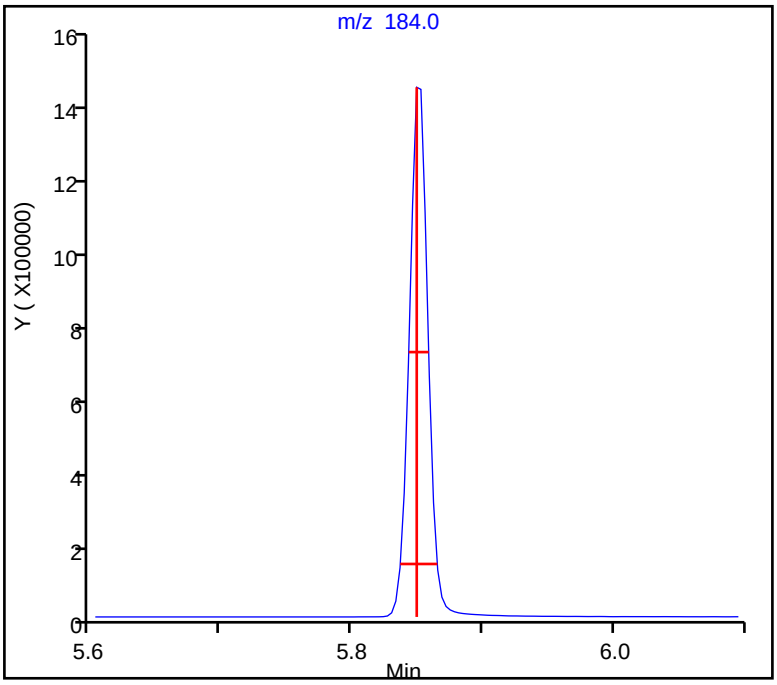
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D
Injection Date: 12-Jun-2024 06:48:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.23, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

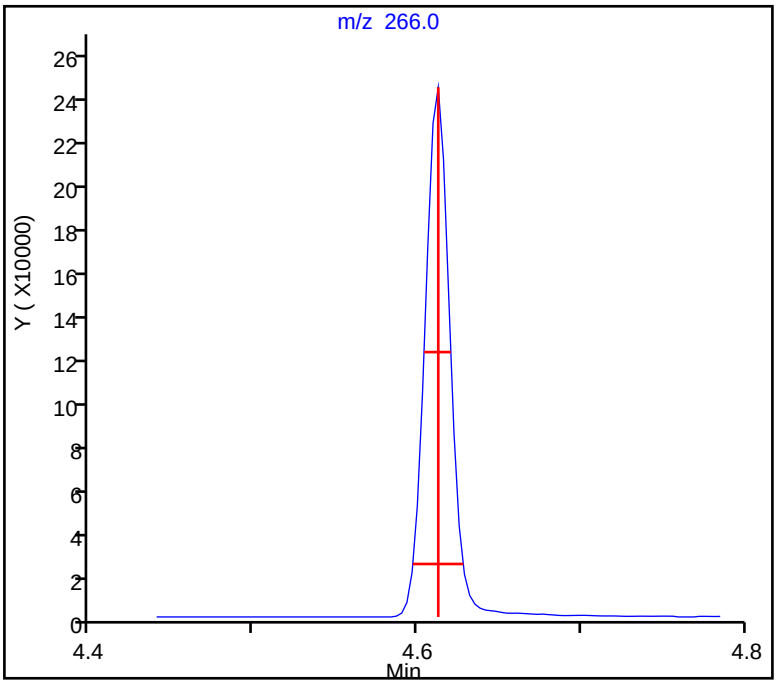
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85605.D
Injection Date: 12-Jun-2024 06:48:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 0.94, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-981480/1-A
Matrix: Water
Lab File ID: P85801.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 08:00
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 981562
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	51		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	75		51-145
1718-51-0	Terphenyl-d14 (Surr)	90		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85801.D
Lims ID: MB 460-981480/1-A
Client ID:
Sample Type: MB
Inject. Date: 22-Jun-2024 08:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-004
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 09:58:39

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	3.126	3.127	-0.001	97	346129	10.0	4.38	
$ 6 Phenol-d5	99	4.004	4.011	-0.007	99	294542	10.0	3.02	
* 14 1,4-Dichlorobenzene-d4	152	4.381	4.382	-0.002	95	473776	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.904	4.906	-0.002	85	646800	10.0	7.52	
* 38 Naphthalene-d8	136	5.594	5.593	0.001	99	1901683	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.628	6.629	-0.001	98	998829	10.0	5.12	
* 64 Acenaphthene-d10	164	7.263	7.266	-0.003	96	1023805	8.00	8.00	
81 1-Naphthylamine	143	8.007	7.916	0.096	62	61919		NC	
$ 79 2,4,6-Tribromophenol	330	8.007	8.008	-0.001	92	238950	10.0	7.99	
* 88 Phenanthrene-d10	188	8.669	8.671	-0.002	99	1854009	8.00	8.00	
$ 97 Terphenyl-d14	244	10.192	10.193	-0.001	97	1641881	10.0	9.01	
* 103 Chrysene-d12	240	11.295	11.296	-0.001	99	1177762	8.00	8.00	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1173370	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 09:58:40 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85801.D

Injection Date: 22-Jun-2024 08:00:30 Instrument ID: CBNAMS18 Operator ID:

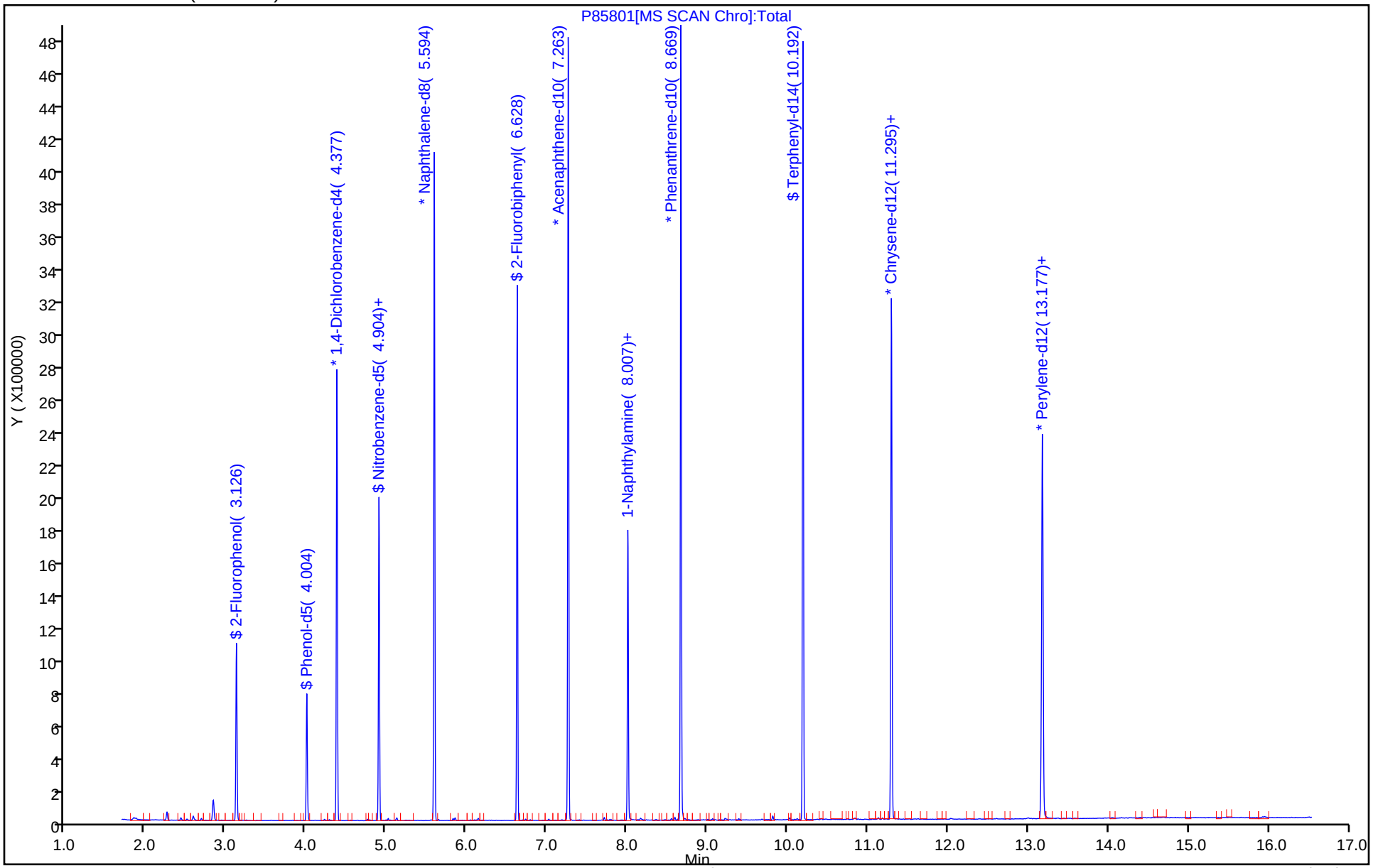
Lims ID: MB 460-981480/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85801.D				
Lims ID:	MB 460-981480/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	22-Jun-2024 08:00:30	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-004				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 09:57:28	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: V5XH Date: 24-Jun-2024 09:58:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.38	43.82
$ 6 Phenol-d5	10.0	3.02	30.25
$ 28 Nitrobenzene-d5	10.0	7.52	75.22
$ 53 2-Fluorobiphenyl	10.0	5.12	51.24
$ 79 2,4,6-Tribromophenol	10.0	7.99	79.88
$ 97 Terphenyl-d14	10.0	9.01	90.13

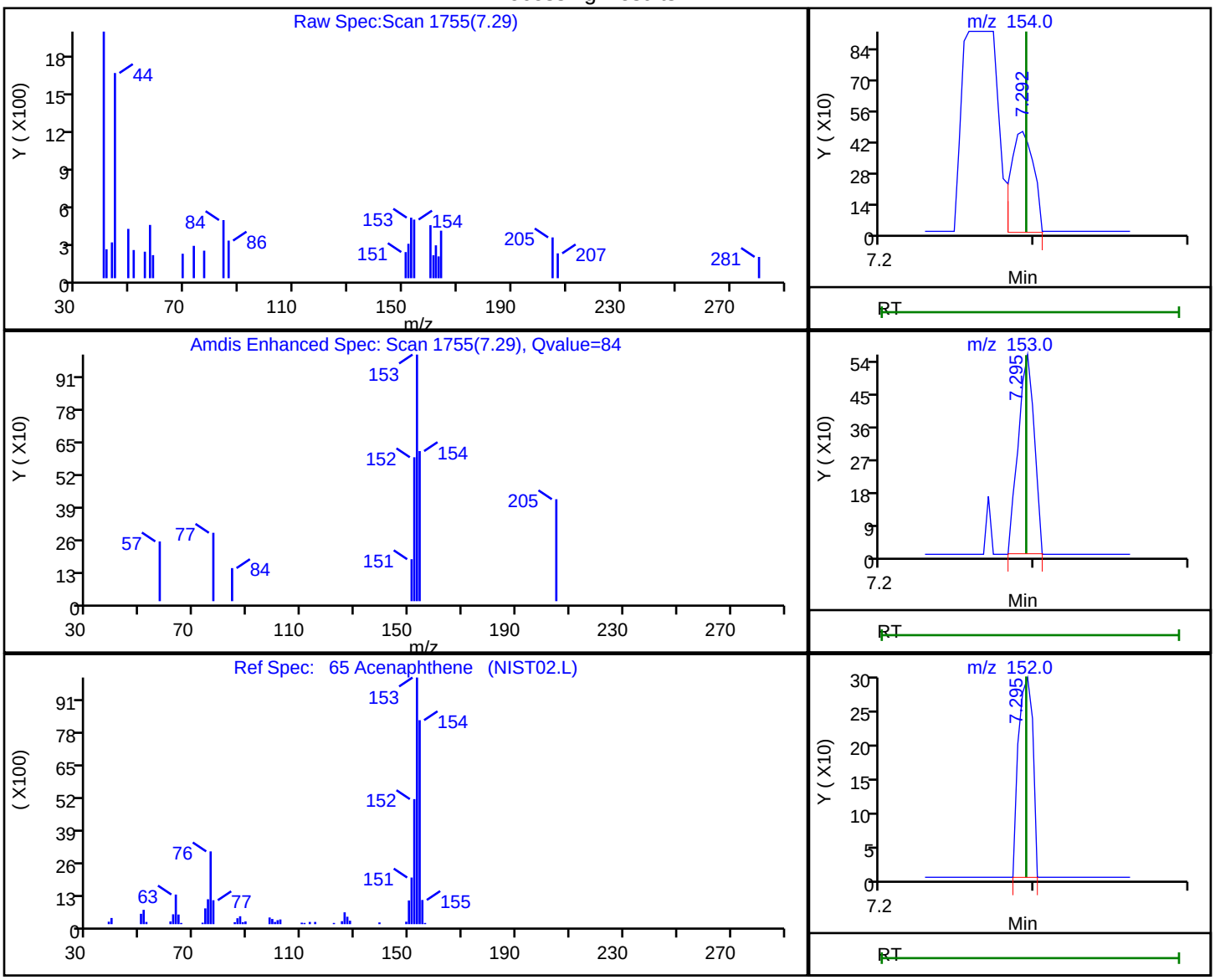
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85801.D				
Injection Date:	22-Jun-2024 08:00:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-981480/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.29	154.00	466	0.003107
7.30	153.00	400	
7.30	152.00	190	

Reviewer: U6BX, 22-Jun-2024 08:22:36 -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.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-981623/1-A
Matrix: Water
Lab File ID: P85837.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 17:22
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.: 981794
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	84		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	103		51-145
1718-51-0	Terphenyl-d14 (Surr)	93		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85837.D
Lims ID: MB 460-981623/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Jun-2024 17:22:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-004
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 06:50:22 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 06:50:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.126	3.127	-0.001	97	299524	10.0	5.78	
$ 6 Phenol-d5	99	4.011	4.015	-0.004	99	271095	10.0	4.24	
* 14 1,4-Dichlorobenzene-d4	152	4.375	4.377	-0.002	95	311110	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.902	4.904	-0.002	85	580127	10.0	10.3	
* 38 Naphthalene-d8	136	5.591	5.592	-0.001	99	1241007	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.622	6.625	-0.003	98	1086345	10.0	8.35	
* 64 Acenaphthene-d10	164	7.261	7.262	-0.001	95	683156	8.00	8.00	
81 1-Naphthylamine	143	8.005	7.907	0.094	71	58779		NC	
$ 79 2,4,6-Tribromophenol	330	8.005	8.004	0.001	92	224394	10.0	11.2	
* 88 Phenanthrene-d10	188	8.663	8.664	-0.001	99	1320964	8.00	8.00	
$ 97 Terphenyl-d14	244	10.187	10.187	0.000	97	1395781	10.0	9.33	
* 103 Chrysene-d12	240	11.289	11.288	0.001	99	967312	8.00	8.00	
* 110 Perylene-d12	264	13.172	13.167	0.005	99	1015986	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 06:50:22 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85837.D

Injection Date: 23-Jun-2024 17:22:30 Instrument ID: CBNAMS18 Operator ID:

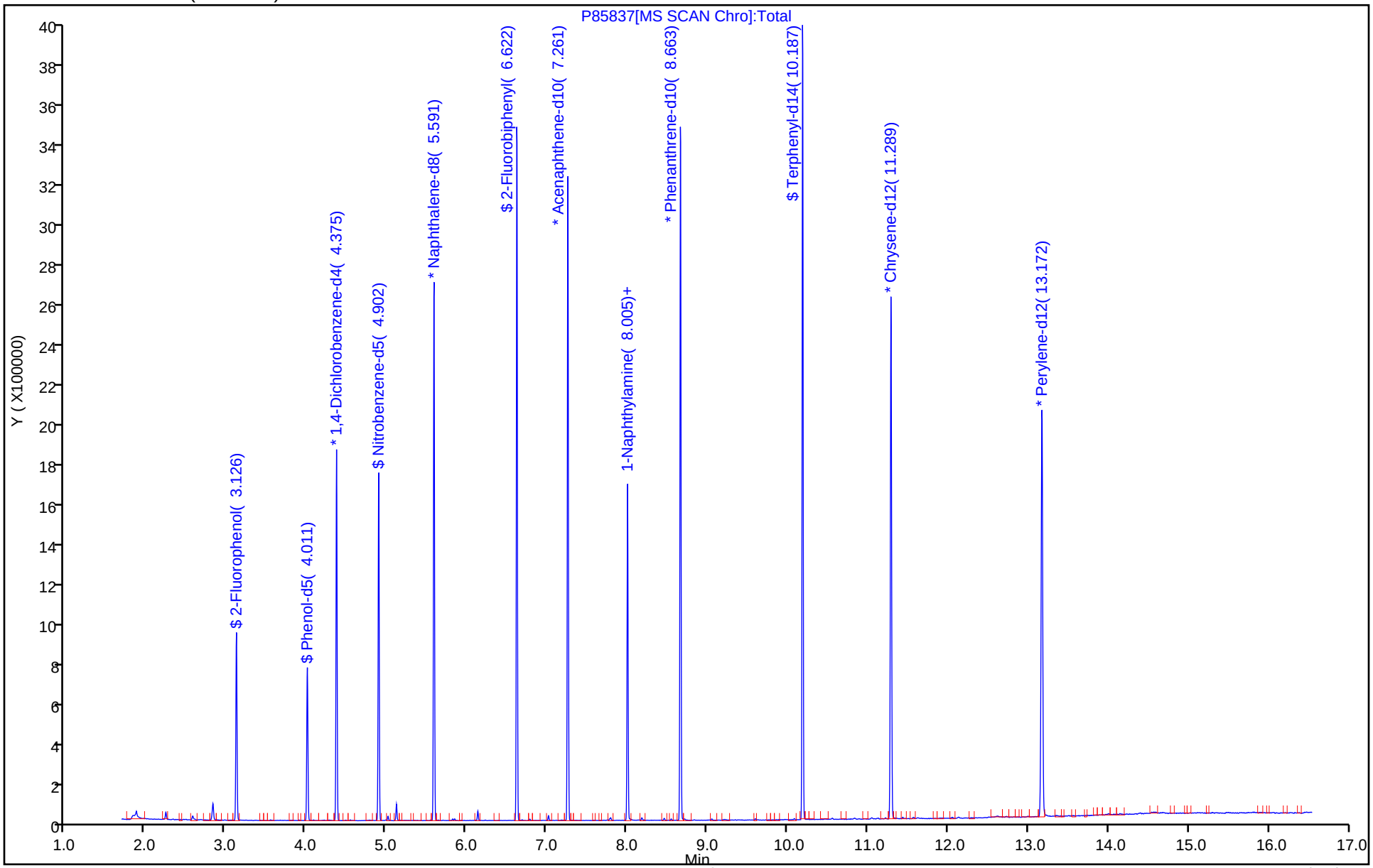
Lims ID: MB 460-981623/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85837.D				
Lims ID:	MB 460-981623/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	23-Jun-2024 17:22:30	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-004				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 06:50:22	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 06:50:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	5.78	57.75
$ 6 Phenol-d5	10.0	4.24	42.39
$ 28 Nitrobenzene-d5	10.0	10.3	103.38
$ 53 2-Fluorobiphenyl	10.0	8.35	83.52
$ 79 2,4,6-Tribromophenol	10.0	11.2	112.43
$ 97 Terphenyl-d14	10.0	9.33	93.29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-981480/2-A
Matrix: Water
Lab File ID: P85802.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 08:21
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.: 981562
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	53.5		10	1.1
208-96-8	Acenaphthylene	51.0		10	0.82
120-12-7	Anthracene	57.0		10	1.3
218-01-9	Chrysene	54.6		2.0	0.91
206-44-0	Fluoranthene	59.1		10	0.84
86-73-7	Fluorene	58.1		10	0.91
91-20-3	Naphthalene	37.3		2.0	0.54
85-01-8	Phenanthrene	55.9		10	1.3
129-00-0	Pyrene	58.8		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	55		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	67		51-145
1718-51-0	Terphenyl-d14 (Surr)	69		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85802.D
Lims ID: LCS 460-981480/2-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Jun-2024 08:21:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-005
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 08:49:09

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	1.817	1.814	0.003	96	91006	10.0	2.84	
2 N-Nitrosodimethylamine	74	2.025	2.025	0.000	94	149022	10.0	3.10	
3 Pyridine	79	2.066	2.060	0.006	96	148344	20.0	2.07	
$ 4 2-Fluorophenol	112	3.129	3.127	0.002	97	281200	10.0	3.55	
5 Benzaldehyde	77	3.959	3.960	-0.001	96	191272	5.00	2.92	
$ 6 Phenol-d5	99	4.007	4.011	-0.004	98	238305	10.0	2.44	
7 Phenol	94	4.020	4.024	-0.004	96	224314	10.0	2.27	
8 Aniline	93	4.062	4.062	0.000	98	268935	10.0	2.31	
9 Bis(2-chloroethyl)ether	93	4.119	4.123	-0.004	99	469237	10.0	6.04	
10 Benzonitrile	103	4.138	4.142	-0.004	97	961126	NC	NC	
11 2-Chlorophenol	128	4.174	4.174	0.000	98	422319	10.0	5.24	
12 n-Decane	43	4.228	4.228	0.000	88	134774	10.0	1.85	
13 1,3-Dichlorobenzene	146	4.327	4.328	-0.001	97	256345	10.0	2.81	
* 14 1,4-Dichlorobenzene-d4	152	4.378	4.382	-0.004	95	474702	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.397	4.398	-0.001	96	273971	10.0	2.96	
17 Benzyl alcohol	108	4.503	4.503	0.000	96	243403	10.0	4.72	
18 1,2-Dichlorobenzene	146	4.541	4.542	-0.001	97	276649	10.0	3.15	
20 2-Methylphenol	108	4.608	4.609	-0.001	90	335765	10.0	4.71	
21 2,2'-oxybis[1-chloropropane]	45	4.640	4.638	0.002	94	497071	10.0	5.33	
22 N-Methylaniline	106	4.755	4.756	-0.001	91	520033	10.0	4.41	
26 4-Methylphenol	108	4.755	4.756	-0.001	83	371719	10.0	4.42	
25 3 & 4 Methylphenol	108	4.755	4.756	-0.001	95	371719	10.0	4.42	
24 N-Nitrosodi-n-propylamine	70	4.761	4.762	-0.001	84	369348	10.0	6.84	
23 Acetophenone	105	4.761	4.762	-0.001	92	760339	10.0	6.43	
27 Hexachloroethane	117	4.864	4.864	0.000	95	81743	10.0	2.47	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	565504	10.0	6.67	
29 Nitrobenzene	123	4.924	4.925	-0.001	99	264103	10.0	6.83	
30 n,n'-Dimethylaniline	120	4.928	4.928	0.000	97	580890	10.0	4.65	
31 Isophorone	82	5.151	5.152	-0.001	98	986761	10.0	6.76	
32 2-Nitrophenol	139	5.228	5.229	-0.001	96	257628	10.0	6.53	
33 2,4-Dimethylphenol	122	5.266	5.267	-0.001	92	295184	10.0	4.88	
35 Benzoic acid	122	5.308	5.350	-0.042	87	23874	10.0	1.25	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.365	5.366	-0.001	97	648406	10.0	6.72	
36 2,4-Dichlorophenol	162	5.455	5.456	-0.001	98	404317	10.0	6.32	
37 1,2,4-Trichlorobenzene	180	5.541	5.542	-0.001	95	268893	10.0	3.79	
* 38 Naphthalene-d8	136	5.596	5.593	0.003	99	1875744	8.00	8.00	
39 Naphthalene	128	5.615	5.616	-0.001	99	1161383	10.0	4.66	
40 4-Chloroaniline	127	5.666	5.667	-0.001	98	390674	10.0	4.27	
41 2,6-Dichlorophenol	162	5.672	5.673	-0.001	98	414078	10.0	6.51	
42 Hexachlorobutadiene	225	5.736	5.737	-0.001	97	118679	10.0	2.94	
44 Caprolactam	113	5.979	5.980	-0.001	95	12968	5.00	0.7893	
45 4-Chloro-3-methylphenol	107	6.126	6.127	-0.001	96	395308	10.0	6.35	
46 2-Methylnaphthalene	142	6.276	6.277	-0.001	85	904474	10.0	5.57	
47 1-Methylnaphthalene	142	6.369	6.370	-0.001	94	844467	10.0	5.72	
48 Hexachlorocyclopentadiene	237	6.427	6.428	-0.001	96	118718	10.0	2.61	
49 1,2,4,5-Tetrachlorobenzene	216	6.436	6.437	-0.001	97	400959	10.0	5.62	
50 2-tertbutyl-4-methylphenol	149	6.468	6.469	-0.001	91	678920	10.0	7.37	
51 2,4,6-Trichlorophenol	196	6.542	6.543	-0.001	91	305402	10.0	7.14	
52 2,4,5-Trichlorophenol	196	6.574	6.575	-0.001	97	324838	10.0	6.84	
$ 53 2-Fluorobiphenyl	172	6.628	6.629	-0.001	97	1038977	10.0	5.50	
54 1,1'-Biphenyl	154	6.721	6.722	-0.001	95	1234372	10.0	6.17	
55 2-Chloronaphthalene	162	6.737	6.738	-0.001	98	909020	10.0	5.98	
56 Phenyl ether	170	6.823	6.824	-0.001	86	683971	10.0	6.28	
57 2-Nitroaniline	65	6.833	6.834	-0.001	97	310933	10.0	6.64	
58 1,3-Dimethylnaphthalene	156	6.948	6.949	-0.001	91	779810	10.0	6.30	
59 Dimethyl phthalate	163	7.015	7.016	-0.001	99	1097318	10.0	6.97	
60 Coumarin	146	7.028	7.029	-0.001	82	386786	10.0	7.50	
61 2,6-Dinitrotoluene	165	7.066	7.067	-0.001	96	256802	10.0	7.82	
62 Acenaphthylene	152	7.130	7.131	-0.001	98	1464795	10.0	6.37	
63 3-Nitroaniline	138	7.223	7.224	-0.001	97	198834	10.0	5.26	
* 64 Acenaphthene-d10	164	7.265	7.266	-0.001	97	992923	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.293	7.295	-0.002	97	834165	10.0	6.83	
65 Acenaphthene	154	7.297	7.295	0.002	96	972304	10.0	6.69	
67 2,4-Dinitrophenol	184	7.322	7.323	-0.001	95	241504	20.0	12.8	a
68 4-Nitrophenol	65	7.377	7.381	-0.004	91	136058	20.0	5.56	
69 2,4-Dinitrotoluene	165	7.447	7.448	-0.001	97	333892	10.0	8.18	
70 Dibenzofuran	168	7.460	7.461	-0.001	96	1445178	10.0	6.86	
71 2,3,4,6-Tetrachlorophenol	232	7.572	7.573	-0.001	95	263200	10.0	7.33	
72 Diethyl phthalate	149	7.690	7.691	-0.001	99	1132619	10.0	7.07	
73 Fluorene	166	7.783	7.784	-0.001	97	1196817	10.0	7.26	
74 4-Chlorophenyl phenyl ether	204	7.789	7.791	-0.002	91	545247	10.0	7.04	
75 4-Nitroaniline	138	7.799	7.800	-0.001	91	252696	10.0	6.78	
76 4,6-Dinitro-2-methylphenol	198	7.831	7.832	-0.001	89	370505	20.0	14.5	
77 N-Nitrosodiphenylamine	169	7.898	7.899	-0.001	99	819824	10.0	6.96	
131 Azobenzene	77	7.937	7.941	-0.004	0	1143772	10.0	6.68	
78 1,2-Diphenylhydrazine	77	7.937	7.941	-0.004	98	1143066	10.0	6.68	
$ 79 2,4,6-Tribromophenol	330	8.007	8.008	-0.001	92	251358	10.0	8.66	
80 4-Bromophenyl phenyl ether	248	8.250	8.251	-0.001	93	329049	10.0	7.24	
82 Hexachlorobenzene	284	8.301	8.302	-0.001	96	397927	10.0	7.24	
83 Atrazine	200	8.410	8.411	-0.001	94	149832	5.00	3.91	
84 Pentachlorophenol	266	8.487	8.488	-0.001	95	458725	20.0	14.3	
85 Pentachloronitrobenzene	237	8.503	8.504	-0.001	91	136236	10.0	7.42	
87 n-Octadecane	57	8.593	8.594	-0.001	88	706511	10.0	6.84	
* 88 Phenanthrene-d10	188	8.670	8.671	-0.001	99	1729760	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	8.692	8.693	-0.001	98	1594136	10.0	6.99	
90 Anthracene	178	8.740	8.741	-0.001	98	1632913	10.0	7.12	
91 Carbazole	167	8.894	8.895	-0.001	96	1460255	10.0	7.18	
92 Di-n-butyl phthalate	149	9.242	9.243	-0.001	99	1775988	10.0	7.57	
93 Fluoranthene	202	9.815	9.818	-0.003	97	1586087	10.0	7.39	
94 Benzidine	184	9.946	9.949	-0.003	99	177638	10.0	1.64	
95 Pyrene	202	10.029	10.029	0.000	97	1611773	10.0	7.35	
96 Bisphenol-A	213	10.084	10.087	-0.003	98	203789	5.00	2.84	
$ 97 Terphenyl-d14	244	10.189	10.193	-0.004	97	1246397	10.0	6.94	
98 Butyl benzyl phthalate	149	10.701	10.701	0.000	97	623880	10.0	7.59	
100 Carbamazepine	193	10.794	10.797	-0.003	93	373269	10.0	5.45	
101 3,3'-Dichlorobenzidine	252	11.264	11.267	-0.003	100	421905	10.0	6.39	
102 Benzo[a]anthracene	228	11.283	11.283	0.000	100	1329237	10.0	7.12	
* 103 Chrysene-d12	240	11.296	11.296	0.000	99	1161695	8.00	8.00	
104 Chrysene	228	11.325	11.325	0.000	98	1230149	10.0	6.83	
105 Bis(2-ethylhexyl) phthalate	149	11.367	11.370	-0.003	86	851408	10.0	7.12	
106 Di-n-octyl phthalate	149	12.208	12.208	0.000	96	1285236	10.0	7.02	
107 Benzo[b]fluoranthene	252	12.649	12.649	0.000	99	1221935	10.0	7.79	
108 Benzo[k]fluoranthene	252	12.688	12.688	0.000	99	1300958	10.0	7.77	
109 Benzo[a]pyrene	252	13.094	13.097	-0.003	98	1099903	10.0	7.73	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1166131	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.725	14.728	-0.003	99	1149398	10.0	7.07	
112 Dibenz(a,h)anthracene	278	14.773	14.776	-0.003	97	1092491	10.0	6.51	
113 Benzo[g,h,i]perylene	276	15.151	15.154	-0.003	98	1063165	10.0	6.68	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:00:56 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85802.D

Injection Date: 22-Jun-2024 08:21:30 Instrument ID: CBNAMS18 Operator ID:

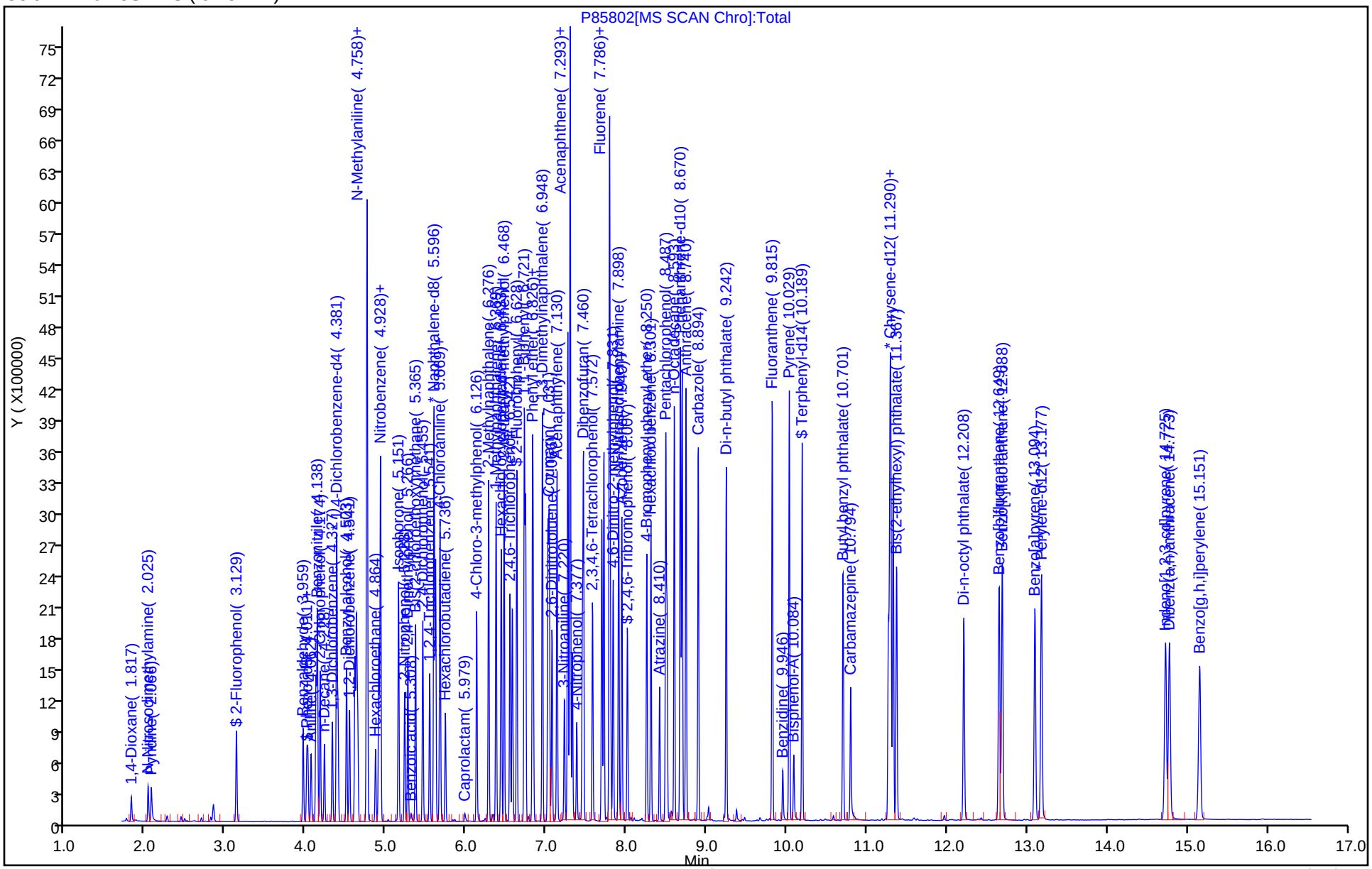
Lims ID: LCS 460-981480/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85802.D
Lims ID: LCS 460-981480/2-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Jun-2024 08:21:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-005
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 08:49:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.55	35.53
$ 6 Phenol-d5	10.0	2.44	24.42
$ 28 Nitrobenzene-d5	10.0	6.67	66.67
$ 53 2-Fluorobiphenyl	10.0	5.50	54.96
$ 79 2,4,6-Tribromophenol	10.0	8.66	86.65
$ 97 Terphenyl-d14	10.0	6.94	69.37

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-981623/2-A
Matrix: Water
Lab File ID: P85838.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 17:44
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.: 981794
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	65.6		10	1.1
208-96-8	Acenaphthylene	65.4		10	0.82
120-12-7	Anthracene	68.7		10	1.3
218-01-9	Chrysene	67.8		2.0	0.91
206-44-0	Fluoranthene	74.7		10	0.84
86-73-7	Fluorene	72.4		10	0.91
91-20-3	Naphthalene	60.7		2.0	0.54
85-01-8	Phenanthrene	69.2		10	1.3
129-00-0	Pyrene	69.8		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	77		51-145
1718-51-0	Terphenyl-d14 (Surr)	80		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85838.D
Lims ID: LCS 460-981623/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Jun-2024 17:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-005
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 14:42:59 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 14:42:59

	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	1.798	1.798	0.000	91	86447	10.0	3.79	
	2 N-Nitrosodimethylamine	74	2.009	2.012	-0.003	96	144564	10.0	4.23	
	3 Pyridine	79	2.047	2.048	-0.001	97	237690	20.0	4.66	
$	4 2-Fluorophenol	112	3.127	3.127	0.000	97	230929	10.0	4.10	
	5 Benzaldehyde	77	3.957	3.958	-0.001	96	320692	5.00	6.89	E
$	6 Phenol-d5	99	4.011	4.015	-0.004	98	221731	10.0	3.19	
	7 Phenol	94	4.024	4.028	-0.004	97	241370	10.0	3.43	
	8 Aniline	93	4.056	4.060	-0.004	97	384993	10.0	4.65	
	9 Bis(2-chloroethyl)ether	93	4.117	4.121	-0.004	99	433864	10.0	7.85	
	10 Benzonitrile	103	4.133	4.137	-0.004	97	904994	NC	NC	
	11 2-Chlorophenol	128	4.171	4.175	-0.004	98	377183	10.0	6.57	
	12 n-Decane	43	4.222	4.223	-0.001	87	180838	10.0	3.50	
	13 1,3-Dichlorobenzene	146	4.321	4.322	-0.001	97	374012	10.0	5.76	
*	14 1,4-Dichlorobenzene-d4	152	4.376	4.377	-0.001	94	337802	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.392	4.393	-0.001	95	392212	10.0	5.95	
	17 Benzyl alcohol	108	4.500	4.505	-0.005	96	231994	10.0	6.32	
	18 1,2-Dichlorobenzene	146	4.535	4.537	-0.002	97	390329	10.0	6.25	
	20 2-Methylphenol	108	4.609	4.610	-0.001	92	311266	10.0	6.13	
	21 2,2'-oxybis[1-chloropropane]	45	4.634	4.633	0.001	95	453836	10.0	6.84	
	22 N-Methylaniline	106	4.750	4.751	-0.001	98	604431	10.0	7.20	
	26 4-Methylphenol	108	4.756	4.760	-0.004	74	363146	10.0	6.07	
	25 3 & 4 Methylphenol	108	4.756	4.760	-0.004	91	363146	10.0	6.07	
	24 N-Nitrosodi-n-propylamine	70	4.756	4.760	-0.004	66	334187	10.0	8.69	
	23 Acetophenone	105	4.756	4.760	-0.004	92	696241	10.0	8.28	
	27 Hexachloroethane	117	4.858	4.860	-0.002	95	128593	10.0	5.46	
$	28 Nitrobenzene-d5	82	4.900	4.904	-0.004	85	471470	10.0	7.71	
	29 Nitrobenzene	123	4.919	4.924	-0.005	99	241858	10.0	8.79	
	30 n,n'-Dimethylaniline	120	4.922	4.927	-0.005	97	616159	10.0	6.93	
	31 Isophorone	82	5.149	5.150	-0.001	98	895942	10.0	8.51	
	32 2-Nitrophenol	139	5.223	5.227	-0.004	96	226715	10.0	7.96	
	33 2,4-Dimethylphenol	122	5.267	5.269	-0.002	93	253205	10.0	5.80	
	35 Benzoic acid	122	5.312	5.355	-0.043	87	50969	10.0	2.27	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.360	5.362	-0.002	97	559369	10.0	8.04	
36 2,4-Dichlorophenol	162	5.456	5.457	-0.001	97	352075	10.0	7.63	
37 1,2,4-Trichlorobenzene	180	5.536	5.537	-0.001	94	368998	10.0	7.20	
* 38 Naphthalene-d8	136	5.590	5.592	-0.002	99	1352783	8.00	8.00	
39 Naphthalene	128	5.609	5.611	-0.002	99	1365444	10.0	7.59	
40 4-Chloroaniline	127	5.664	5.665	-0.001	98	478267	10.0	7.25	
41 2,6-Dichlorophenol	162	5.670	5.672	-0.002	97	357223	10.0	7.78	
42 Hexachlorobutadiene	225	5.731	5.733	-0.002	97	184944	10.0	6.35	
44 Caprolactam	113	5.974	5.979	-0.005	95	27582	5.00	2.08	
45 4-Chloro-3-methylphenol	107	6.130	6.132	-0.002	96	362274	10.0	8.07	
46 2-Methylnaphthalene	142	6.271	6.273	-0.002	85	964263	10.0	8.24	
47 1-Methylnaphthalene	142	6.364	6.366	-0.002	93	883124	10.0	8.29	
48 Hexachlorocyclopentadiene	237	6.424	6.423	0.001	96	111120	10.0	3.19	
49 1,2,4,5-Tetrachlorobenzene	216	6.431	6.433	-0.002	98	405972	10.0	7.44	
50 2-tertbutyl-4-methylphenol	149	6.466	6.468	-0.002	91	575860	10.0	8.67	
51 2,4,6-Trichlorophenol	196	6.540	6.542	-0.002	91	260946	10.0	7.97	
52 2,4,5-Trichlorophenol	196	6.575	6.577	-0.002	98	286986	10.0	7.90	
$ 53 2-Fluorobiphenyl	172	6.623	6.625	-0.002	98	1043130	10.0	7.21	
54 1,1'-Biphenyl	154	6.719	6.718	0.001	95	1208057	10.0	7.89	
55 2-Chloronaphthalene	162	6.735	6.734	0.001	99	890616	10.0	7.67	
56 Phenyl ether	170	6.818	6.820	-0.002	86	647609	10.0	7.77	
57 2-Nitroaniline	65	6.831	6.833	-0.002	98	311894	10.0	8.71	
58 1,3-Dimethylnaphthalene	156	6.943	6.945	-0.002	91	751811	10.0	7.94	
59 Dimethyl phthalate	163	7.013	7.012	0.001	99	1036418	10.0	8.61	
60 Coumarin	146	7.026	7.028	-0.002	81	385649	10.0	10.4	
61 2,6-Dinitrotoluene	165	7.064	7.063	0.001	96	248051	10.0	9.87	
62 Acenaphthylene	152	7.125	7.127	-0.002	98	1437211	10.0	8.17	
63 3-Nitroaniline	138	7.221	7.220	0.001	98	272096	10.0	9.41	
* 64 Acenaphthene-d10	164	7.259	7.262	-0.003	95	759408	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.288	7.290	-0.002	96	421703	10.0	4.52	
65 Acenaphthene	154	7.291	7.290	0.001	96	911976	10.0	8.20	
67 2,4-Dinitrophenol	184	7.317	7.319	-0.002	96	219259	20.0	15.0	Ma
68 4-Nitrophenol	65	7.384	7.386	-0.002	89	195125	20.0	10.4	
69 2,4-Dinitrotoluene	165	7.442	7.444	-0.002	97	335683	10.0	10.8	
70 Dibenzofuran	168	7.455	7.457	-0.002	97	1387313	10.0	8.62	
71 2,3,4,6-Tetrachlorophenol	232	7.570	7.572	-0.002	95	241580	10.0	8.80	
72 Diethyl phthalate	149	7.685	7.687	-0.002	99	1068216	10.0	8.72	
73 Fluorene	166	7.778	7.780	-0.002	94	1140434	10.0	9.05	
74 4-Chlorophenyl phenyl ether	204	7.784	7.783	0.001	90	512026	10.0	8.64	
75 4-Nitroaniline	138	7.797	7.799	-0.002	88	285473	10.0	10.0	
76 4,6-Dinitro-2-methylphenol	198	7.826	7.828	-0.002	89	356372	20.0	16.8	
77 N-Nitrosodiphenylamine	169	7.896	7.895	0.001	99	803340	10.0	8.26	
131 Azobenzene	77	7.935	7.934	0.001	0	1084213	10.0	7.67	
78 1,2-Diphenylhydrazine	77	7.935	7.934	0.001	98	1084213	10.0	7.67	
$ 79 2,4,6-Tribromophenol	330	8.005	8.004	0.001	92	196170	10.0	8.84	
80 4-Bromophenyl phenyl ether	248	8.245	8.247	-0.002	94	307465	10.0	8.19	
82 Hexachlorobenzene	284	8.296	8.299	-0.003	97	377203	10.0	8.31	
83 Atrazine	200	8.408	8.407	0.001	94	255507	5.00	8.06	E
84 Pentachlorophenol	266	8.485	8.487	-0.002	95	425756	20.0	16.0	
85 Pentachloronitrobenzene	237	8.498	8.497	0.001	90	129012	10.0	8.50	
87 n-Octadecane	57	8.588	8.590	-0.002	89	593901	10.0	6.96	
* 88 Phenanthrene-d10	188	8.664	8.664	0.000	99	1428688	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	8.687	8.686	0.001	98	1627492	10.0	8.64	
90 Anthracene	178	8.735	8.734	0.001	98	1627678	10.0	8.59	
91 Carbazole	167	8.888	8.891	-0.003	96	1539103	10.0	9.16	
92 Di-n-butyl phthalate	149	9.237	9.236	0.001	99	1699178	10.0	8.77	
93 Fluoranthene	202	9.813	9.812	0.001	97	1656494	10.0	9.34	
94 Benzidine	184	9.944	9.943	0.001	100	432549	10.0	4.83	
95 Pyrene	202	10.024	10.023	0.001	97	1721271	10.0	8.73	
96 Bisphenol-A	213	10.081	10.081	0.000	98	240123	5.00	3.71	
$ 97 Terphenyl-d14	244	10.184	10.187	-0.003	97	1291885	10.0	7.99	
98 Butyl benzyl phthalate	149	10.696	10.696	0.000	96	645487	10.0	8.72	
100 Carbamazepine	193	10.792	10.792	0.000	92	462009	10.0	7.22	
101 3,3'-Dichlorobenzidine	252	11.262	11.259	0.003	99	500222	10.0	8.42	
102 Benzo[a]anthracene	228	11.278	11.278	0.000	100	1449756	10.0	8.63	
* 103 Chrysene-d12	240	11.291	11.288	0.003	99	1045277	8.00	8.00	
104 Chrysene	228	11.320	11.320	0.000	98	1372505	10.0	8.47	
105 Bis(2-ethylhexyl) phthalate	149	11.362	11.362	0.000	86	837581	10.0	7.74	
106 Di-n-octyl phthalate	149	12.200	12.200	0.000	96	1288425	10.0	7.62	
107 Benzo[b]fluoranthene	252	12.645	12.642	0.003	98	1330959	10.0	9.24	
108 Benzo[k]fluoranthene	252	12.680	12.681	-0.001	99	1417141	10.0	9.22	
109 Benzo[a]pyrene	252	13.090	13.087	0.003	97	1251052	10.0	9.58	
* 110 Perylene-d12	264	13.170	13.167	0.003	98	1070056	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.719	14.718	0.001	99	1300175	10.0	8.72	
112 Dibenz(a,h)anthracene	278	14.767	14.766	0.001	98	1223448	10.0	7.95	
113 Benzo[g,h,i]perylene	276	15.145	15.144	0.001	98	1197945	10.0	8.20	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- E - Exceeded Maximum Amount

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 14:42:59 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85838.D

Injection Date: 23-Jun-2024 17:44:30 Instrument ID: CBNAMS18 Operator ID:

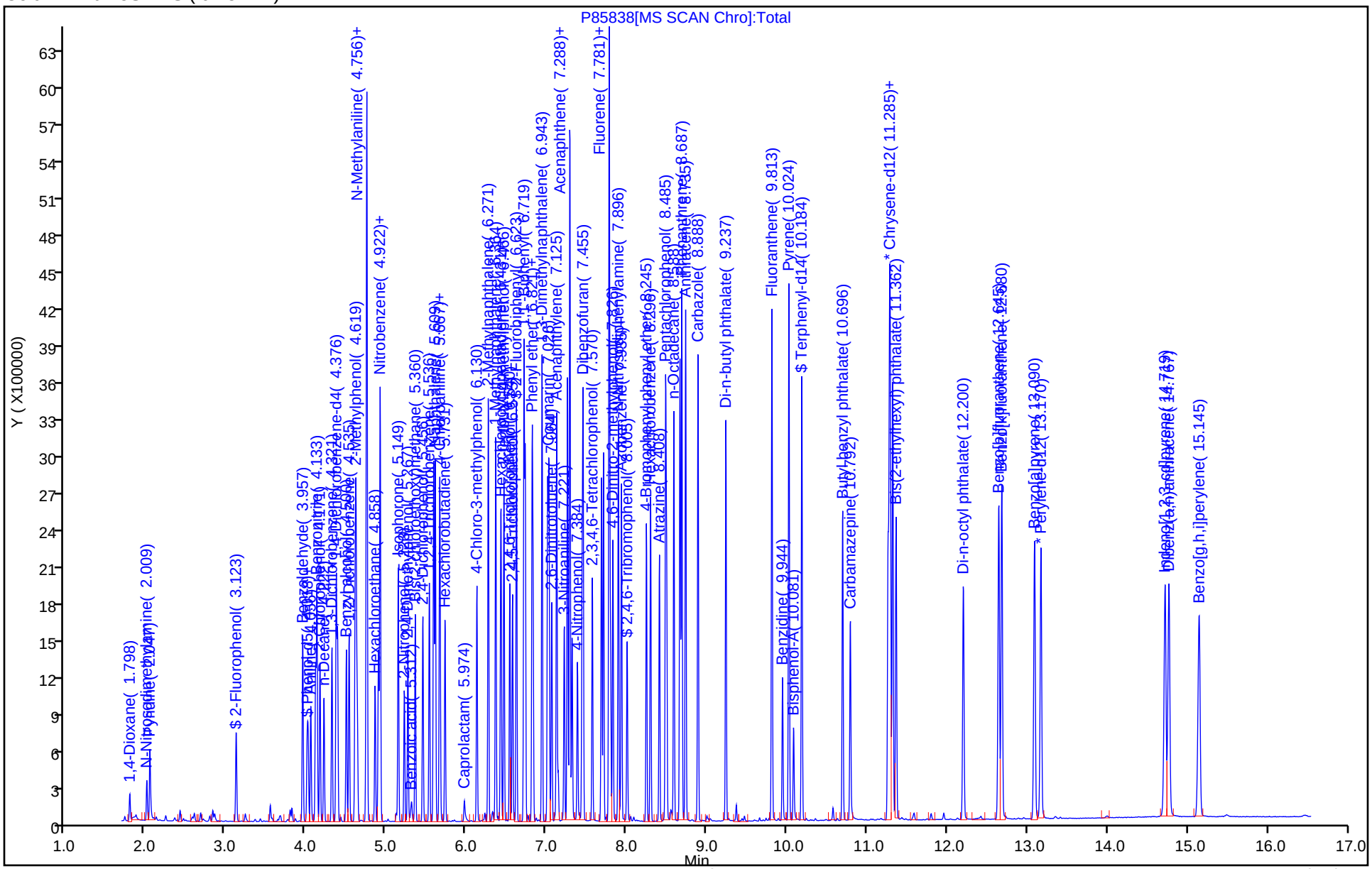
Lims ID: LCS 460-981623/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85838.D				
Lims ID:	LCS 460-981623/2-A				
Client ID:					
Sample Type:	LCS				
Inject. Date:	23-Jun-2024 17:44:30	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-005				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 14:42:59	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:42:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.10	41.01
$ 6 Phenol-d5	10.0	3.19	31.93
$ 28 Nitrobenzene-d5	10.0	7.71	77.08
$ 53 2-Fluorobiphenyl	10.0	7.21	72.15
$ 79 2,4,6-Tribromophenol	10.0	8.84	88.42
$ 97 Terphenyl-d14	10.0	7.99	79.91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-981480/3-A
Matrix: Water
Lab File ID: P85803.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 08:50
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.: 981562
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	52.7		10	1.1
208-96-8	Acenaphthylene	50.3		10	0.82
120-12-7	Anthracene	57.4		10	1.3
218-01-9	Chrysene	56.7		2.0	0.91
206-44-0	Fluoranthene	59.3		10	0.84
86-73-7	Fluorene	57.7		10	0.91
91-20-3	Naphthalene	37.1		2.0	0.54
85-01-8	Phenanthrene	56.6		10	1.3
129-00-0	Pyrene	61.4		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	55		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	67		51-145
1718-51-0	Terphenyl-d14 (Surr)	71		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85803.D
Lims ID: LCSD 460-981480/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Jun-2024 08:50:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-006
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:31:25

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	1.814	1.814	0.000	91	96919	10.0	2.96	a
2 N-Nitrosodimethylamine	74	2.025	2.025	0.000	95	157103	10.0	3.21	
3 Pyridine	79	2.063	2.060	0.003	97	152635	20.0	2.09	
$ 4 2-Fluorophenol	112	3.126	3.127	-0.001	97	291704	10.0	3.61	
5 Benzaldehyde	77	3.959	3.960	-0.001	96	200389	5.00	3.00	
$ 6 Phenol-d5	99	4.007	4.011	-0.004	99	244762	10.0	2.46	
7 Phenol	94	4.020	4.024	-0.004	97	232550	10.0	2.30	
8 Aniline	93	4.062	4.062	0.000	98	276771	10.0	2.33	
9 Bis(2-chloroethyl)ether	93	4.122	4.123	-0.001	99	482295	10.0	6.09	
10 Benzonitrile	103	4.138	4.142	-0.004	99	983378	NC	NC	
11 2-Chlorophenol	128	4.174	4.174	0.000	98	430691	10.0	5.24	
12 n-Decane	43	4.228	4.228	0.000	88	137889	10.0	1.86	
13 1,3-Dichlorobenzene	146	4.327	4.328	-0.001	97	268050	10.0	2.88	
* 14 1,4-Dichlorobenzene-d4	152	4.381	4.382	-0.001	95	484179	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.397	4.398	-0.001	96	279687	10.0	2.96	
17 Benzyl alcohol	108	4.503	4.503	0.000	96	250573	10.0	4.76	
18 1,2-Dichlorobenzene	146	4.541	4.542	-0.001	97	281164	10.0	3.14	
20 2-Methylphenol	108	4.608	4.609	-0.001	90	339304	10.0	4.66	
21 2,2'-oxybis[1-chloropropane]	45	4.640	4.638	0.002	94	507648	10.0	5.34	
22 N-Methylaniline	106	4.755	4.756	-0.001	86	528916	10.0	4.39	
26 4-Methylphenol	108	4.755	4.756	-0.001	85	376719	10.0	4.39	
25 3 & 4 Methylphenol	108	4.755	4.756	-0.001	96	376719	10.0	4.39	
24 N-Nitrosodi-n-propylamine	70	4.761	4.762	-0.001	81	375251	10.0	6.81	
23 Acetophenone	105	4.761	4.762	-0.001	92	774597	10.0	6.42	
27 Hexachloroethane	117	4.864	4.864	0.000	95	83762	10.0	2.48	
$ 28 Nitrobenzene-d5	82	4.905	4.906	-0.001	85	572930	10.0	6.66	
29 Nitrobenzene	123	4.924	4.925	-0.001	99	265306	10.0	6.73	
30 n,n'-Dimethylaniline	120	4.928	4.928	0.000	97	589398	10.0	4.63	
31 Isophorone	82	5.151	5.152	-0.001	98	1010135	10.0	6.82	
32 2-Nitrophenol	139	5.228	5.229	-0.001	96	263580	10.0	6.58	
33 2,4-Dimethylphenol	122	5.270	5.267	0.003	92	298164	10.0	4.86	
35 Benzoic acid	122	5.308	5.350	-0.042	89	29722	10.0	1.36	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.365	5.366	-0.001	97	649821	10.0	6.64	
36 2,4-Dichlorophenol	162	5.455	5.456	-0.001	97	408209	10.0	6.29	
37 1,2,4-Trichlorobenzene	180	5.541	5.542	-0.001	93	278861	10.0	3.87	
* 38 Naphthalene-d8	136	5.596	5.593	0.003	99	1902241	8.00	8.00	
39 Naphthalene	128	5.615	5.616	-0.001	99	1172062	10.0	4.63	
40 4-Chloroaniline	127	5.666	5.667	-0.001	98	401382	10.0	4.32	
41 2,6-Dichlorophenol	162	5.672	5.673	-0.001	98	422428	10.0	6.55	
42 Hexachlorobutadiene	225	5.740	5.737	0.003	97	120597	10.0	2.95	
44 Caprolactam	113	5.979	5.980	-0.001	95	13801	5.00	0.8220	
45 4-Chloro-3-methylphenol	107	6.129	6.127	0.002	96	401053	10.0	6.35	
46 2-Methylnaphthalene	142	6.276	6.277	-0.001	85	910150	10.0	5.53	
47 1-Methylnaphthalene	142	6.372	6.370	0.002	92	844418	10.0	5.64	
48 Hexachlorocyclopentadiene	237	6.430	6.428	0.002	96	117486	10.0	2.55	
49 1,2,4,5-Tetrachlorobenzene	216	6.436	6.437	-0.001	97	411458	10.0	5.71	
50 2-tertbutyl-4-methylphenol	149	6.471	6.469	0.002	91	685257	10.0	7.33	
51 2,4,6-Trichlorophenol	196	6.545	6.543	0.002	91	305534	10.0	7.07	
52 2,4,5-Trichlorophenol	196	6.574	6.575	-0.001	98	330550	10.0	6.88	
$ 53 2-Fluorobiphenyl	172	6.628	6.629	-0.001	98	1044988	10.0	5.47	
54 1,1'-Biphenyl	154	6.724	6.722	0.002	95	1231544	10.0	6.09	
55 2-Chloronaphthalene	162	6.740	6.738	0.002	99	915938	10.0	5.97	
56 Phenyl ether	170	6.826	6.824	0.002	87	690643	10.0	6.28	
57 2-Nitroaniline	65	6.833	6.834	-0.001	97	317714	10.0	6.72	
58 1,3-Dimethylnaphthalene	156	6.948	6.949	-0.001	92	788660	10.0	6.30	
59 Dimethyl phthalate	163	7.018	7.016	0.002	99	1109960	10.0	6.98	
60 Coumarin	146	7.031	7.029	0.002	82	387932	10.0	7.42	
61 2,6-Dinitrotoluene	165	7.070	7.067	0.003	96	257355	10.0	7.75	
62 Acenaphthylene	152	7.130	7.131	-0.001	98	1462150	10.0	6.29	
63 3-Nitroaniline	138	7.223	7.224	-0.001	98	203639	10.0	5.33	
* 64 Acenaphthene-d10	164	7.265	7.266	-0.001	95	1003258	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.294	7.295	-0.001	97	840492	10.0	6.81	
65 Acenaphthene	154	7.297	7.295	0.002	96	968139	10.0	6.59	
67 2,4-Dinitrophenol	184	7.322	7.323	-0.001	96	248266	20.0	13.0	a
68 4-Nitrophenol	65	7.377	7.381	-0.004	89	144566	20.0	5.84	
69 2,4-Dinitrotoluene	165	7.447	7.448	-0.001	97	336261	10.0	8.15	
70 Dibenzofuran	168	7.460	7.461	-0.001	96	1454884	10.0	6.84	
71 2,3,4,6-Tetrachlorophenol	232	7.575	7.573	0.002	94	261120	10.0	7.20	
72 Diethyl phthalate	149	7.690	7.691	-0.001	98	1139440	10.0	7.04	
73 Fluorene	166	7.786	7.784	0.002	94	1201477	10.0	7.21	
74 4-Chlorophenyl phenyl ether	204	7.790	7.791	-0.001	90	557900	10.0	7.13	
75 4-Nitroaniline	138	7.799	7.800	-0.001	92	254356	10.0	6.75	
76 4,6-Dinitro-2-methylphenol	198	7.831	7.832	-0.001	89	368123	20.0	14.4	
77 N-Nitrosodiphenylamine	169	7.902	7.899	0.003	99	825628	10.0	7.00	
131 Azobenzene	77	7.940	7.941	-0.001	0	1145223	10.0	6.68	
78 1,2-Diphenylhydrazine	77	7.940	7.941	-0.001	98	1145230	10.0	6.69	
$ 79 2,4,6-Tribromophenol	330	8.010	8.008	0.002	92	254396	10.0	8.68	
80 4-Bromophenyl phenyl ether	248	8.254	8.251	0.003	92	332173	10.0	7.30	
82 Hexachlorobenzene	284	8.305	8.302	0.003	96	395048	10.0	7.18	
83 Atrazine	200	8.414	8.411	0.003	94	149471	5.00	3.89	
84 Pentachlorophenol	266	8.490	8.488	0.002	95	458162	20.0	14.2	
85 Pentachloronitrobenzene	237	8.506	8.504	0.002	91	134495	10.0	7.31	
87 n-Octadecane	57	8.596	8.594	0.002	88	714294	10.0	6.91	
* 88 Phenanthrene-d10	188	8.670	8.671	-0.001	99	1731375	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	8.692	8.693	-0.001	97	1612870	10.0	7.07	
90 Anthracene	178	8.743	8.741	0.002	99	1647168	10.0	7.18	
91 Carbazole	167	8.894	8.895	-0.001	96	1467913	10.0	7.21	
92 Di-n-butyl phthalate	149	9.246	9.243	0.003	99	1793772	10.0	7.64	
93 Fluoranthene	202	9.818	9.818	0.000	97	1593989	10.0	7.42	
94 Benzidine	184	9.949	9.949	0.000	99	182659	10.0	1.68	
95 Pyrene	202	10.033	10.029	0.003	97	1634749	10.0	7.68	
96 Bisphenol-A	213	10.087	10.087	0.000	98	211896	5.00	3.04	
$ 97 Terphenyl-d14	244	10.193	10.193	0.000	97	1240191	10.0	7.11	
98 Butyl benzyl phthalate	149	10.701	10.701	0.000	97	626168	10.0	7.84	
100 Carbamazepine	193	10.797	10.797	0.000	92	379985	10.0	5.68	
101 3,3'-Dichlorobenzidine	252	11.268	11.267	0.001	99	426242	10.0	6.65	
102 Benzo[a]anthracene	228	11.287	11.283	0.004	100	1306202	10.0	7.20	
* 103 Chrysene-d12	240	11.300	11.296	0.004	99	1128518	8.00	8.00	
104 Chrysene	228	11.329	11.325	0.004	98	1240825	10.0	7.09	
105 Bis(2-ethylhexyl) phthalate	149	11.370	11.370	0.000	86	877416	10.0	7.52	
106 Di-n-octyl phthalate	149	12.211	12.208	0.003	96	1302933	10.0	7.21	
107 Benzo[b]fluoranthene	252	12.653	12.649	0.004	98	1194360	10.0	7.74	
108 Benzo[k]fluoranthene	252	12.691	12.688	0.003	99	1285028	10.0	7.80	
109 Benzo[a]pyrene	252	13.101	13.097	0.004	96	1079103	10.0	7.71	
* 110 Perylene-d12	264	13.181	13.177	0.004	99	1147258	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.732	14.728	0.004	99	1116046	10.0	6.98	
112 Dibenz(a,h)anthracene	278	14.777	14.776	0.001	97	1105127	10.0	6.69	
113 Benzo[g,h,i]perylene	276	15.158	15.154	0.004	97	1053910	10.0	6.73	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:32:10 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85803.D

Injection Date: 22-Jun-2024 08:50:30 Instrument ID: CBNAMS18 Operator ID:

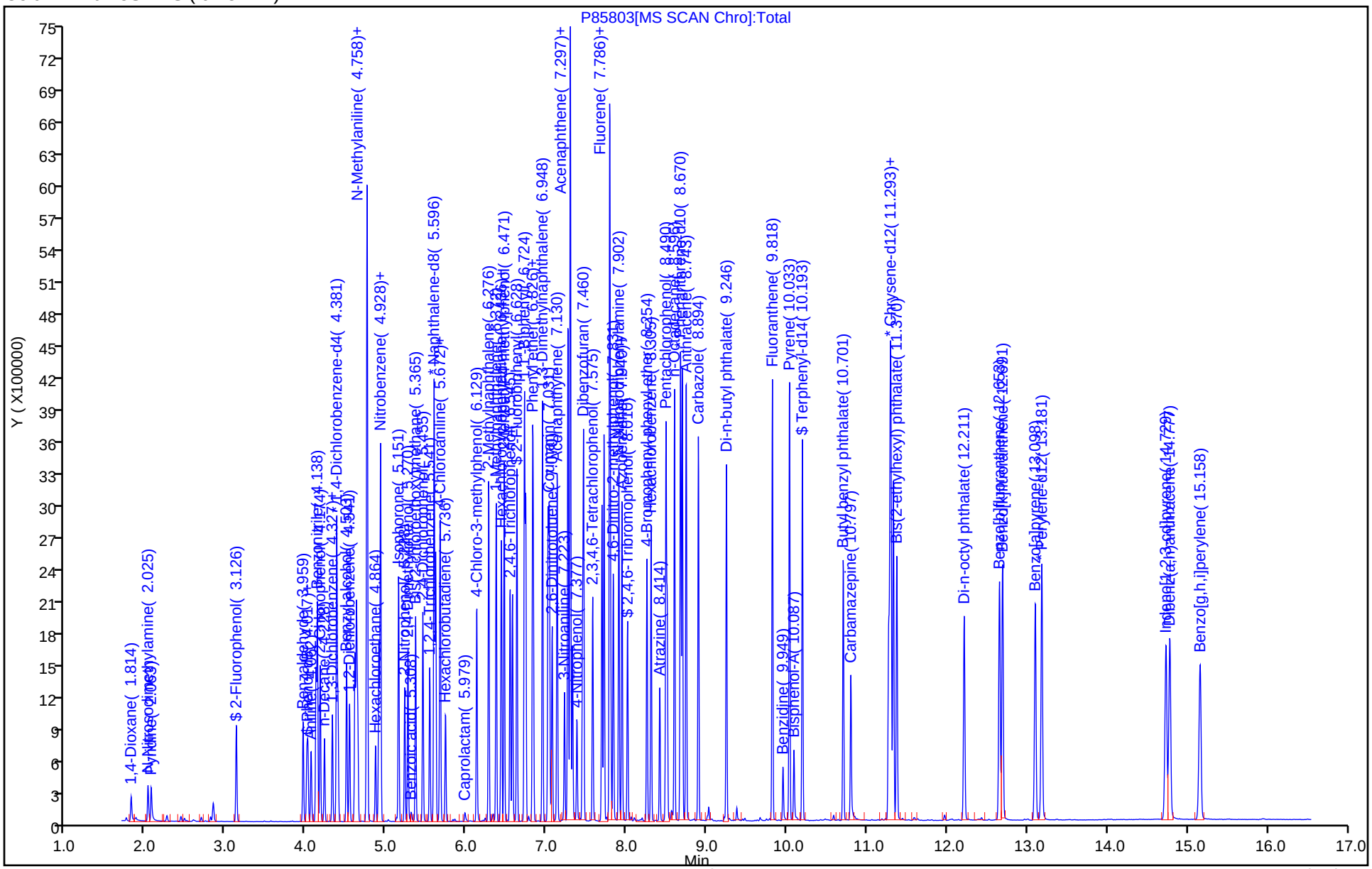
Lims ID: LCSD 460-981480/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85803.D
Lims ID: LCSD 460-981480/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Jun-2024 08:50:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-006
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 09:57:28 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:31:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.61	36.14
$ 6 Phenol-d5	10.0	2.46	24.59
$ 28 Nitrobenzene-d5	10.0	6.66	66.61
$ 53 2-Fluorobiphenyl	10.0	5.47	54.71
$ 79 2,4,6-Tribromophenol	10.0	8.68	86.79
$ 97 Terphenyl-d14	10.0	7.11	71.05

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-981623/3-A
Matrix: Water
Lab File ID: P85839.D
Analysis Method: 8270E
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/22/2024 09:45
Sample wt/vol: 250(mL)
Date Analyzed: 06/23/2024 18:05
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.: 981794
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	66.4		10	1.1
208-96-8	Acenaphthylene	65.3		10	0.82
120-12-7	Anthracene	68.5		10	1.3
218-01-9	Chrysene	67.8		2.0	0.91
206-44-0	Fluoranthene	75.7		10	0.84
86-73-7	Fluorene	72.7		10	0.91
91-20-3	Naphthalene	60.9		2.0	0.54
85-01-8	Phenanthrene	68.6		10	1.3
129-00-0	Pyrene	70.0		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	78		51-145
1718-51-0	Terphenyl-d14 (Surr)	80		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85839.D
Lims ID: LCSD 460-981623/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Jun-2024 18:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177520-006
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 14:44:38 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 14:44:38

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	1.798	1.798	0.000	91	86168	10.0	3.81	
2 N-Nitrosodimethylamine	74	2.012	2.012	0.000	97	149277	10.0	4.41	
3 Pyridine	79	2.050	2.048	0.002	97	236461	20.0	4.68	
$ 4 2-Fluorophenol	112	3.127	3.127	0.000	97	237868	10.0	4.27	
5 Benzaldehyde	77	3.957	3.958	-0.001	96	318756	5.00	6.91	E
$ 6 Phenol-d5	99	4.011	4.015	-0.004	98	222430	10.0	3.24	
7 Phenol	94	4.024	4.028	-0.004	97	240117	10.0	3.44	
8 Aniline	93	4.056	4.060	-0.004	97	383269	10.0	4.68	
9 Bis(2-chloroethyl)ether	93	4.117	4.121	-0.004	99	430769	10.0	7.87	
10 Benzonitrile	103	4.133	4.137	-0.004	97	898406	NC	NC	
11 2-Chlorophenol	128	4.171	4.175	-0.004	98	377244	10.0	6.64	
12 n-Decane	43	4.219	4.223	-0.004	88	180410	10.0	3.52	
13 1,3-Dichlorobenzene	146	4.321	4.322	-0.001	97	376379	10.0	5.85	
* 14 1,4-Dichlorobenzene-d4	152	4.376	4.377	-0.001	95	334508	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.392	4.393	-0.001	96	384048	10.0	5.89	
17 Benzyl alcohol	108	4.500	4.505	-0.005	96	233994	10.0	6.44	
18 1,2-Dichlorobenzene	146	4.535	4.537	-0.002	97	389990	10.0	6.31	
20 2-Methylphenol	108	4.609	4.610	-0.001	90	305721	10.0	6.08	
21 2,2'-oxybis[1-chloropropane]	45	4.635	4.633	0.002	95	450955	10.0	6.87	
22 N-Methylaniline	106	4.750	4.751	-0.001	98	609663	10.0	7.33	
26 4-Methylphenol	108	4.756	4.760	-0.004	73	357272	10.0	6.03	
25 3 & 4 Methylphenol	108	4.756	4.760	-0.004	90	357846	10.0	6.04	
24 N-Nitrosodi-n-propylamine	70	4.756	4.760	-0.004	75	327905	10.0	8.61	
23 Acetophenone	105	4.756	4.760	-0.004	92	693531	10.0	8.32	
27 Hexachloroethane	117	4.858	4.860	-0.002	96	127978	10.0	5.49	
$ 28 Nitrobenzene-d5	82	4.900	4.904	-0.004	85	476004	10.0	7.81	
29 Nitrobenzene	123	4.919	4.924	-0.005	99	242515	10.0	8.90	
30 n,n'-Dimethylaniline	120	4.922	4.927	-0.005	93	609942	10.0	6.93	
31 Isophorone	82	5.149	5.150	-0.001	98	897487	10.0	8.56	
32 2-Nitrophenol	139	5.223	5.227	-0.004	97	228426	10.0	8.05	
33 2,4-Dimethylphenol	122	5.267	5.269	-0.002	93	252659	10.0	5.81	
35 Benzoic acid	122	5.315	5.355	-0.040	84	50352	10.0	2.26	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.360	5.362	-0.002	97	564930	10.0	8.15	
36 2,4-Dichlorophenol	162	5.456	5.457	-0.001	97	346207	10.0	7.53	
37 1,2,4-Trichlorobenzene	180	5.536	5.537	-0.001	94	364783	10.0	7.15	
* 38 Naphthalene-d8	136	5.590	5.592	-0.002	99	1347987	8.00	8.00	
39 Naphthalene	128	5.609	5.611	-0.002	99	1363562	10.0	7.61	
40 4-Chloroaniline	127	5.664	5.665	-0.001	97	475805	10.0	7.23	
41 2,6-Dichlorophenol	162	5.670	5.672	-0.002	98	354016	10.0	7.74	
42 Hexachlorobutadiene	225	5.731	5.733	-0.002	96	187396	10.0	6.46	
44 Caprolactam	113	5.974	5.979	-0.005	96	27868	5.00	2.11	
45 4-Chloro-3-methylphenol	107	6.130	6.132	-0.002	96	363277	10.0	8.12	
46 2-Methylnaphthalene	142	6.271	6.273	-0.002	85	960571	10.0	8.24	
47 1-Methylnaphthalene	142	6.364	6.366	-0.002	92	880024	10.0	8.29	
48 Hexachlorocyclopentadiene	237	6.424	6.423	0.001	97	108504	10.0	3.12	
49 1,2,4,5-Tetrachlorobenzene	216	6.431	6.433	-0.002	98	407696	10.0	7.48	
50 2-tertbutyl-4-methylphenol	149	6.466	6.468	-0.002	93	578714	10.0	8.74	
51 2,4,6-Trichlorophenol	196	6.540	6.542	-0.002	91	261861	10.0	8.01	
52 2,4,5-Trichlorophenol	196	6.575	6.577	-0.002	97	286163	10.0	7.88	
$ 53 2-Fluorobiphenyl	172	6.623	6.625	-0.002	98	1046266	10.0	7.24	
54 1,1'-Biphenyl	154	6.716	6.718	-0.002	95	1182391	10.0	7.73	
55 2-Chloronaphthalene	162	6.732	6.734	-0.002	98	902092	10.0	7.77	
56 Phenyl ether	170	6.821	6.820	0.001	89	648207	10.0	7.79	
57 2-Nitroaniline	65	6.831	6.833	-0.002	98	319004	10.0	8.92	
58 1,3-Dimethylnaphthalene	156	6.943	6.945	-0.002	92	751593	10.0	7.94	
59 Dimethyl phthalate	163	7.013	7.012	0.001	99	1043104	10.0	8.67	
60 Coumarin	146	7.026	7.028	-0.002	81	393794	10.0	10.6	
61 2,6-Dinitrotoluene	165	7.064	7.063	0.001	96	251453	10.0	10.0	
62 Acenaphthylene	152	7.125	7.127	-0.002	98	1435257	10.0	8.17	
63 3-Nitroaniline	138	7.221	7.220	0.001	97	276346	10.0	9.57	
* 64 Acenaphthene-d10	164	7.260	7.262	-0.002	95	758888	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.288	7.290	-0.002	97	424827	10.0	4.55	
65 Acenaphthene	154	7.292	7.290	0.002	96	922722	10.0	8.30	
67 2,4-Dinitrophenol	184	7.317	7.317	-0.002	96	238582	20.0	16.2	a
68 4-Nitrophenol	65	7.384	7.386	-0.002	88	198076	20.0	10.6	
69 2,4-Dinitrotoluene	165	7.442	7.444	-0.002	97	344248	10.0	11.0	
70 Dibenzofuran	168	7.455	7.457	-0.002	98	1386108	10.0	8.61	
71 2,3,4,6-Tetrachlorophenol	232	7.570	7.572	-0.002	95	242844	10.0	8.85	
72 Diethyl phthalate	149	7.685	7.687	-0.002	99	1070625	10.0	8.75	
73 Fluorene	166	7.778	7.780	-0.002	94	1145393	10.0	9.09	
74 4-Chlorophenyl phenyl ether	204	7.784	7.783	0.001	89	509751	10.0	8.61	
75 4-Nitroaniline	138	7.797	7.799	-0.002	88	291000	10.0	10.2	
76 4,6-Dinitro-2-methylphenol	198	7.826	7.828	-0.002	89	364214	20.0	17.0	
77 N-Nitrosodiphenylamine	169	7.897	7.895	0.001	99	809294	10.0	8.23	
131 Azobenzene	77	7.935	7.934	0.001	0	1084803	10.0	7.59	
78 1,2-Diphenylhydrazine	77	7.935	7.934	0.001	98	1083602	10.0	7.59	
$ 79 2,4,6-Tribromophenol	330	8.005	8.004	0.001	91	200481	10.0	9.04	
80 4-Bromophenyl phenyl ether	248	8.245	8.247	-0.002	93	309681	10.0	8.16	
82 Hexachlorobenzene	284	8.296	8.299	-0.003	96	381904	10.0	8.33	
83 Atrazine	200	8.408	8.407	0.001	96	259929	5.00	8.12	E
84 Pentachlorophenol	266	8.485	8.487	-0.002	95	433036	20.0	16.1	
85 Pentachloronitrobenzene	237	8.498	8.497	0.001	90	131925	10.0	8.60	
87 n-Octadecane	57	8.588	8.590	-0.002	89	594496	10.0	6.90	
* 88 Phenanthrene-d10	188	8.665	8.664	0.001	99	1443501	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	8.687	8.686	0.001	98	1631872	10.0	8.58	
90 Anthracene	178	8.735	8.734	0.001	98	1637654	10.0	8.56	
91 Carbazole	167	8.889	8.891	-0.002	96	1556852	10.0	9.17	
92 Di-n-butyl phthalate	149	9.237	9.236	0.001	99	1724245	10.0	8.81	
93 Fluoranthene	202	9.813	9.812	0.001	97	1696629	10.0	9.47	
94 Benzidine	184	9.944	9.943	0.001	99	452599	10.0	5.01	
95 Pyrene	202	10.024	10.023	0.001	97	1767770	10.0	8.75	
96 Bisphenol-A	213	10.082	10.081	0.001	99	250231	5.00	3.78	
$ 97 Terphenyl-d14	244	10.184	10.187	-0.003	97	1326190	10.0	8.01	
98 Butyl benzyl phthalate	149	10.696	10.696	0.000	97	666739	10.0	8.80	
100 Carbamazepine	193	10.792	10.792	0.000	93	480521	10.0	7.32	
101 3,3'-Dichlorobenzidine	252	11.262	11.259	0.003	99	521368	10.0	8.57	
102 Benzo[a]anthracene	228	11.278	11.278	0.000	99	1489512	10.0	8.66	
* 103 Chrysene-d12	240	11.291	11.288	0.003	99	1070705	8.00	8.00	
104 Chrysene	228	11.320	11.320	0.000	98	1406789	10.0	8.47	
105 Bis(2-ethylhexyl) phthalate	149	11.362	11.362	0.000	86	870019	10.0	7.84	
106 Di-n-octyl phthalate	149	12.200	12.200	0.000	96	1336820	10.0	7.69	
107 Benzo[b]fluoranthene	252	12.642	12.642	0.000	98	1371718	10.0	9.28	
108 Benzo[k]fluoranthene	252	12.681	12.681	0.000	99	1456298	10.0	9.23	
109 Benzo[a]pyrene	252	13.090	13.087	0.003	96	1272089	10.0	9.49	
* 110 Perylene-d12	264	13.167	13.167	0.000	99	1098440	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.720	14.718	0.002	99	1309701	10.0	8.56	
112 Dibenz(a,h)anthracene	278	14.768	14.766	0.002	97	1259249	10.0	7.97	
113 Benzo[g,h,i]perylene	276	15.146	15.144	0.002	98	1232902	10.0	8.22	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 14:44:38 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85839.D

Injection Date: 23-Jun-2024 18:05:30 Instrument ID: CBNAMS18 Operator ID:

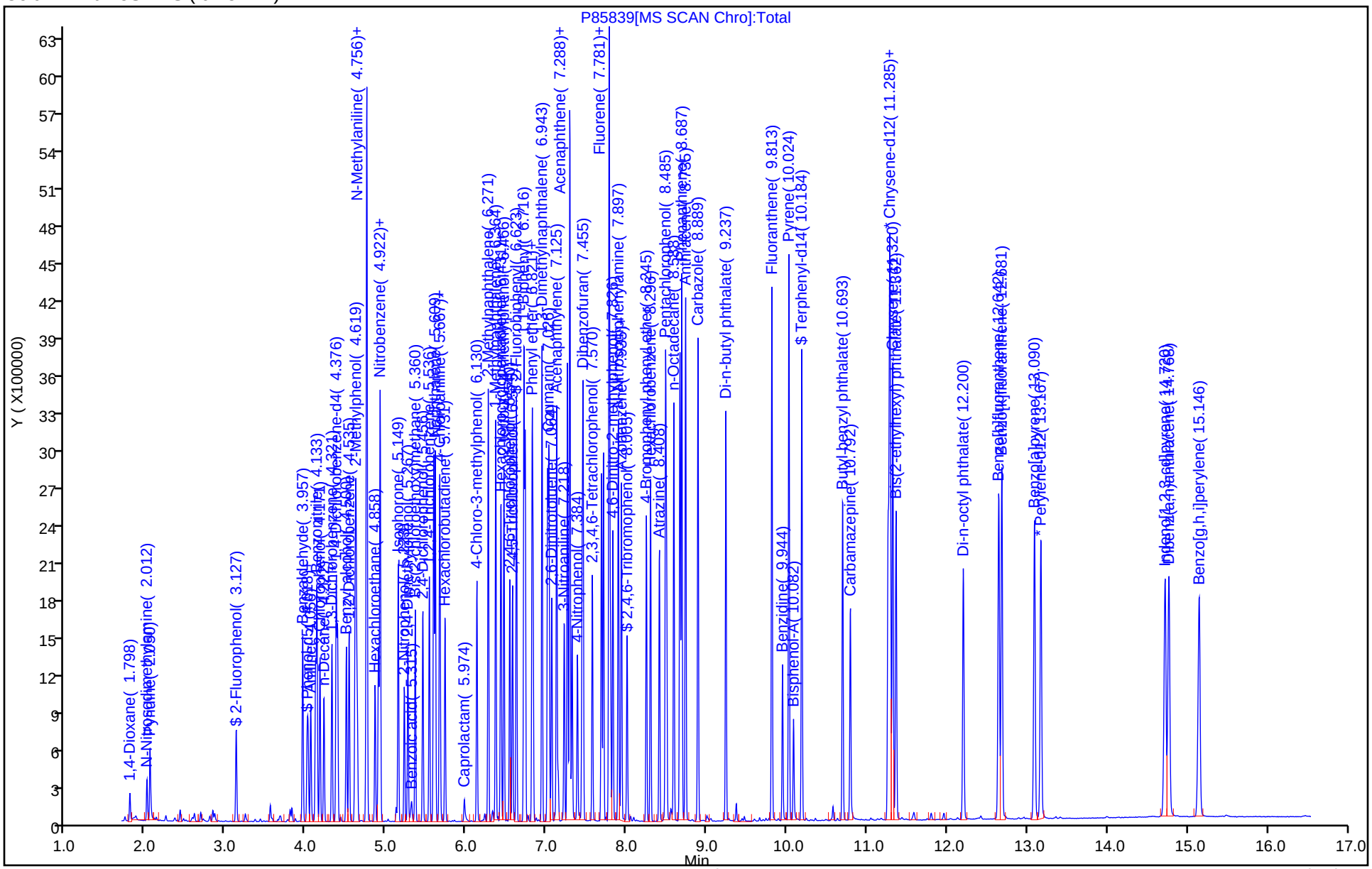
Lims ID: LCSD 460-981623/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\P85839.D				
Lims ID:	LCSD 460-981623/3-A				
Client ID:					
Sample Type:	LCSD				
Inject. Date:	23-Jun-2024 18:05:30	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177520-006				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240623-177520.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 14:44:38	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: V5XH Date: 24-Jun-2024 14:44:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.27	42.66
$ 6 Phenol-d5	10.0	3.24	32.35
$ 28 Nitrobenzene-d5	10.0	7.81	78.09
$ 53 2-Fluorobiphenyl	10.0	7.24	72.41
$ 79 2,4,6-Tribromophenol	10.0	9.04	90.42
$ 97 Terphenyl-d14	10.0	8.01	80.08

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Client Sample ID: MW-C12_20240617 MS MS | Lab Sample ID: 480-220956-2 MS

Matrix: Water | Lab File ID: P85815.D

Analysis Method: 8270E | Date Collected: 06/17/2024 13:10

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/22/2024 13:07

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.: 981562 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	67.5		10	1.1
208-96-8	Acenaphthylene	27.2		10	0.82
120-12-7	Anthracene	30.9		10	1.3
218-01-9	Chrysene	29.7		2.0	0.91
206-44-0	Fluoranthene	30.9		10	0.84
86-73-7	Fluorene	36.3		10	0.91
91-20-3	Naphthalene	20.7		2.0	0.54
85-01-8	Phenanthrene	30.4		10	1.3
129-00-0	Pyrene	32.8		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	63		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	79		51-145
1718-51-0	Terphenyl-d14 (Surr)	59		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85815.D
Lims ID: 480-220956-A-2-B MS
Client ID: MW-C12_20240617 MS
Sample Type: MS
Inject. Date: 22-Jun-2024 13:07:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-018
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:47:11 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:52

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	1.820	1.814	0.006	92	68640	5.00	1.85	
2 N-Nitrosodimethylamine	74	2.028	2.023	0.003	95	108087	5.00	1.94	
3 Pyridine	79	2.066	2.058	0.006	96	207554	10.0	2.50	
$ 4 2-Fluorophenol	112	3.136	3.127	0.009	97	361402	10.0	3.94	
5 Benzaldehyde	77	3.963	3.960	0.003	96	322748	5.00	4.26	
$ 6 Phenol-d5	99	4.014	4.011	0.003	99	286671	10.0	2.54	
7 Phenol	94	4.027	4.021	0.003	98	139099	5.00	1.21	
8 Aniline	93	4.062	4.059	0.000	98	308754	5.00	2.29	
9 Bis(2-chloroethyl)ether	93	4.120	4.120	-0.003	99	329028	5.00	3.66	
10 Benzonitrile	103	4.139	4.142	-0.003	97	673505	NC	NC	
11 2-Chlorophenol	128	4.177	4.174	0.003	98	292530	5.00	3.13	
12 n-Decane	43	4.225	4.228	-0.003	89	118498	5.00	1.41	
19 2-Toluidine	107	4.324	4.285	0.039	38	1004		NC	
13 1,3-Dichlorobenzene	146	4.328	4.324	0.000	98	207017	5.00	1.96	
* 14 1,4-Dichlorobenzene-d4	152	4.382	4.382	0.000	96	549762	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.398	4.394	0.000	96	220182	5.00	2.05	
17 Benzyl alcohol	108	4.506	4.500	0.003	96	163002	5.00	2.73	
18 1,2-Dichlorobenzene	146	4.542	4.538	0.000	97	212652	5.00	2.09	
20 2-Methylphenol	108	4.615	4.605	0.006	91	215523	5.00	2.61	
21 2,2'-oxybis[1-chloropropane]	45	4.638	4.633	0.000	94	352114	5.00	3.26	
22 N-Methylaniline	106	4.756	4.756	0.000	99	517326	5.00	3.79	
26 4-Methylphenol	108	4.762	4.752	0.006	84	248284	5.00	2.55	
25 3 & 4 Methylphenol	108	4.762	4.752	0.006	88	248284	5.00	2.55	
24 N-Nitrosodi-n-propylamine	70	4.762	4.758	0.000	82	249466	5.00	3.99	
23 Acetophenone	105	4.762	4.762	0.000	91	517712	5.00	3.78	
27 Hexachloroethane	117	4.864	4.864	0.000	96	67785	5.00	1.77	
$ 28 Nitrobenzene-d5	82	4.906	4.906	0.000	85	770987	10.0	7.92	
29 Nitrobenzene	123	4.925	4.925	0.000	99	177503	5.00	3.97	
30 n,n'-Dimethylaniline	120	4.928	4.928	0.000	92	505447	5.00	3.49	
31 Isophorone	82	5.152	5.152	0.000	99	663985	5.00	3.96	
32 2-Nitrophenol	139	5.229	5.231	0.000	96	177723	5.00	3.92	
33 2,4-Dimethylphenol	122	5.274	5.269	0.007	93	189616	5.00	2.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.322	5.352	-0.028	88	61490	5.00	1.90	
34 Bis(2-chloroethoxy)methane	93	5.363	5.366	-0.003	97	422376	5.00	3.81	
36 2,4-Dichlorophenol	162	5.459	5.458	0.003	97	271708	5.00	3.70	
37 1,2,4-Trichlorobenzene	180	5.539	5.544	-0.003	94	161455	5.00	1.98	
* 38 Naphthalene-d8	136	5.593	5.593	0.000	99	2154110	8.00	8.00	
39 Naphthalene	128	5.616	5.616	0.000	99	742871	5.00	2.59	
40 4-Chloroaniline	127	5.667	5.667	0.000	98	324333	5.00	3.09	
41 2,6-Dichlorophenol	162	5.673	5.675	0.000	98	273467	5.00	3.74	
42 Hexachlorobutadiene	225	5.737	5.739	0.000	96	74213	5.00	1.60	
44 Caprolactam	113	5.971	5.981	-0.009	95	23884	5.00	1.19	
45 4-Chloro-3-methylphenol	107	6.134	6.127	0.007	96	249898	5.00	3.50	
46 2-Methylnaphthalene	142	6.278	6.277	0.001	85	507654	5.00	2.72	
47 1-Methylnaphthalene	142	6.370	6.370	0.000	93	480418	5.00	2.83	
48 Hexachlorocyclopentadiene	237	6.428	6.425	0.000	97	50124	5.00	0.9617	
49 1,2,4,5-Tetrachlorobenzene	216	6.434	6.435	-0.003	98	219805	5.00	2.69	
50 2-tertbutyl-4-methylphenol	149	6.473	6.469	0.004	91	427530	5.00	4.04	
51 2,4,6-Trichlorophenol	196	6.546	6.541	0.003	90	191429	5.00	3.91	
52 2,4,5-Trichlorophenol	196	6.582	6.573	0.007	98	201868	5.00	3.71	
$ 53 2-Fluorobiphenyl	172	6.630	6.629	0.001	98	1372267	10.0	6.34	
54 1,1'-Biphenyl	154	6.723	6.722	0.000	95	704997	5.00	3.08	
55 2-Chloronaphthalene	162	6.738	6.736	0.000	98	516607	5.00	2.97	
56 Phenyl ether	170	6.825	6.822	0.001	87	395261	5.00	3.17	
57 2-Nitroaniline	65	6.835	6.834	0.001	98	201985	5.00	3.77	
58 1,3-Dimethylnaphthalene	156	6.946	6.949	-0.003	92	453944	5.00	3.20	
59 Dimethyl phthalate	163	7.017	7.016	0.001	99	686904	5.00	3.81	
60 Coumarin	146	7.030	7.029	0.001	81	243299	5.00	4.11	
61 2,6-Dinitrotoluene	165	7.068	7.067	0.001	97	157746	5.00	4.19	
62 Acenaphthylene	152	7.129	7.129	-0.002	98	893838	5.00	3.39	
63 3-Nitroaniline	138	7.222	7.224	-0.002	98	147521	5.00	3.41	
* 64 Acenaphthene-d10	164	7.267	7.266	0.001	95	1136931	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.292	7.295	-0.003	97	469048	5.00	3.35	
65 Acenaphthene	154	7.295	7.295	0.000	96	1406112	5.00	8.44	
67 2,4-Dinitrophenol	184	7.321	7.321	-0.002	96	120896	10.0	6.41	a
68 4-Nitrophenol	65	7.391	7.381	0.010	89	73331	10.0	2.62	
69 2,4-Dinitrotoluene	165	7.446	7.448	-0.002	96	207411	5.00	4.44	
70 Dibenzofuran	168	7.459	7.461	-0.002	96	882921	5.00	3.66	
71 2,3,4,6-Tetrachlorophenol	232	7.574	7.571	0.001	94	162253	5.00	3.95	
72 Diethyl phthalate	149	7.686	7.691	-0.005	98	698785	5.00	3.81	
73 Fluorene	166	7.782	7.784	-0.002	95	856536	5.00	4.54	
74 4-Chlorophenyl phenyl ether	204	7.788	7.788	-0.003	90	332163	5.00	3.74	
75 4-Nitroaniline	138	7.798	7.798	-0.002	89	162797	5.00	3.81	
76 4,6-Dinitro-2-methylphenol	198	7.830	7.829	-0.002	87	201245	10.0	7.47	
77 N-Nitrosodiphenylamine	169	7.901	7.899	0.002	99	504774	5.00	3.77	
81 1-Naphthylamine	143	8.009	7.916	0.098	55	79549		NC	
131 Azobenzene	77	7.939	7.941	-0.002	0	722686	5.00	3.71	
78 1,2-Diphenylhydrazine	77	7.939	7.941	-0.002	98	721788	5.00	3.71	
$ 79 2,4,6-Tribromophenol	330	8.009	8.008	0.001	92	292827	10.0	8.82	
80 4-Bromophenyl phenyl ether	248	8.249	8.248	-0.002	91	198997	5.00	3.85	
82 Hexachlorobenzene	284	8.301	8.299	-0.001	97	236599	5.00	3.78	
86 2-Naphthylamine	143	8.301	8.320	-0.014	46	24212		NC	
83 Atrazine	200	8.413	8.408	0.002	94	220493	5.00	5.05	
84 Pentachlorophenol	266	8.490	8.485	0.002	95	241425	10.0	6.60	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Pentachloronitrobenzene	237	8.503	8.501	-0.002	90	79222	5.00	3.79	
87 n-Octadecane	57	8.592	8.594	-0.002	89	445876	5.00	3.79	
* 88 Phenanthrene-d10	188	8.669	8.671	-0.002	99	1967849	8.00	8.00	
89 Phenanthrene	178	8.692	8.693	-0.001	98	986552	5.00	3.80	
90 Anthracene	178	8.740	8.741	-0.001	98	1006780	5.00	3.86	
91 Carbazole	167	8.893	8.895	-0.002	96	899845	5.00	3.89	
92 Di-n-butyl phthalate	149	9.242	9.243	-0.001	99	1106849	5.00	4.15	
93 Fluoranthene	202	9.815	9.818	-0.003	97	942398	5.00	3.86	
94 Benzidine	184	9.949	9.947	0.000	99	159326	5.00	1.29	
95 Pyrene	202	10.030	10.029	0.001	97	963907	5.00	4.09	
96 Bisphenol-A	213	10.090	10.087	0.003	98	115278	2.50	1.49	
$ 97 Terphenyl-d14	244	10.190	10.193	-0.003	97	1148261	10.0	5.95	
98 Butyl benzyl phthalate	149	10.699	10.701	-0.002	97	388367	5.00	4.40	
100 Carbamazepine	193	10.795	10.797	-0.002	93	264032	5.00	3.84	
101 3,3'-Dichlorobenzidine	252	11.266	11.265	-0.001	100	213672	5.00	3.01	
102 Benzo[a]anthracene	228	11.285	11.283	0.002	100	761241	5.00	3.80	
* 103 Chrysene-d12	240	11.295	11.296	-0.001	99	1247770	8.00	8.00	
104 Chrysene	228	11.324	11.325	-0.001	98	719303	5.00	3.72	
105 Bis(2-ethylhexyl) phthalate	149	11.368	11.370	-0.002	86	541723	5.00	4.37	
106 Di-n-octyl phthalate	149	12.208	12.208	0.000	96	829638	5.00	4.58	
107 Benzo[b]fluoranthene	252	12.650	12.648	0.001	98	668749	5.00	4.12	
108 Benzo[k]fluoranthene	252	12.685	12.687	-0.003	99	699786	5.00	4.04	
109 Benzo[a]pyrene	252	13.095	13.097	-0.002	96	610174	5.00	4.15	
* 110 Perylene-d12	264	13.178	13.177	0.001	99	1206776	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.723	14.727	-0.005	98	641415	5.00	3.81	
112 Dibenz(a,h)anthracene	278	14.771	14.775	-0.005	97	614361	5.00	3.54	
113 Benzo[g,h,i]perylene	276	15.150	15.153	-0.004	98	611369	5.00	3.71	
S 115 Total Cresols	1				0			5.16	
126 4,4'-DDT	235	6.428	6.413	0.015	73	30435		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:48:41 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85815.D

Injection Date: 22-Jun-2024 13:07:30 Instrument ID: CBNAMS18 Operator ID:

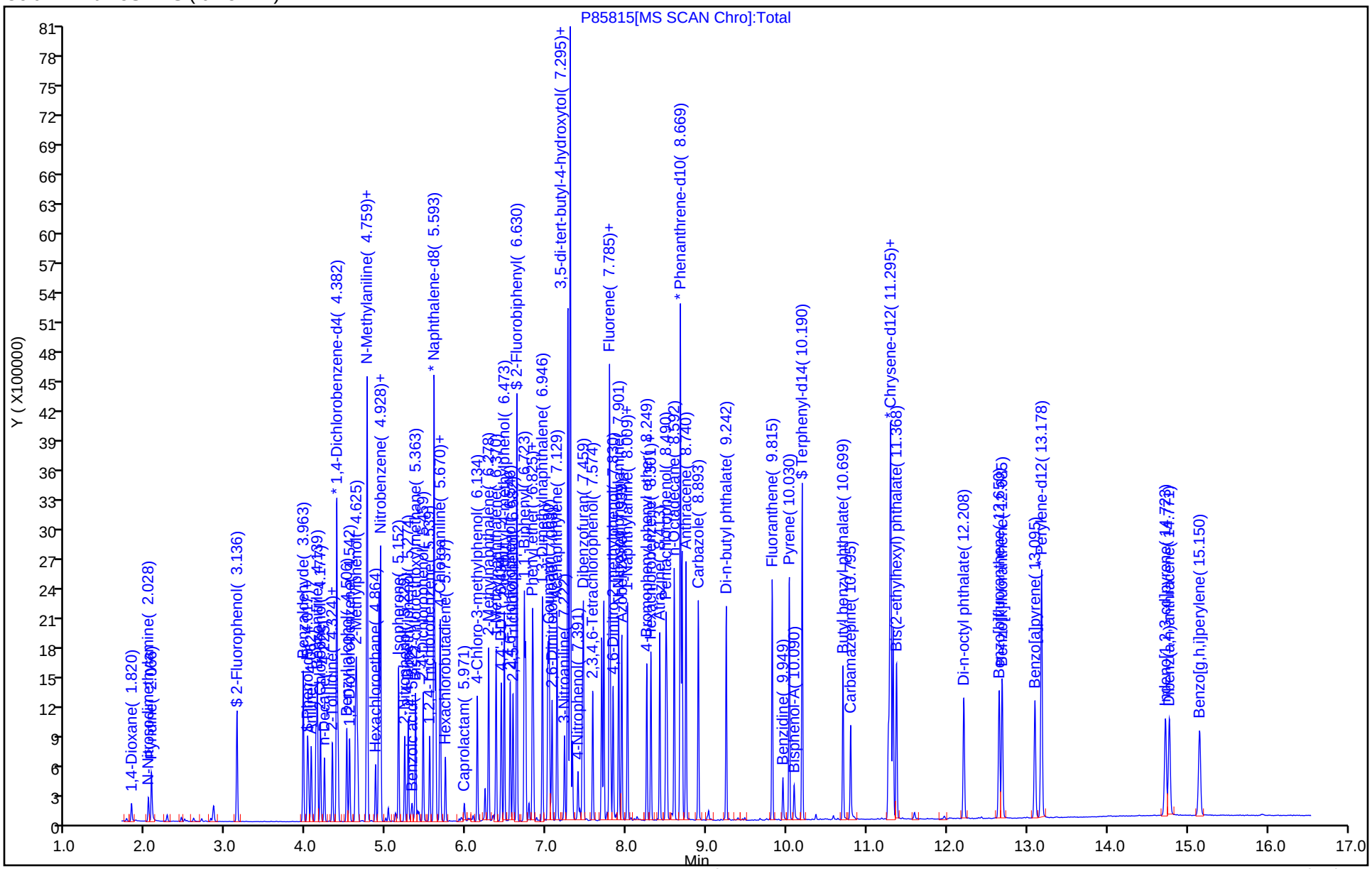
Lims ID: 480-220956-A-2-B MS Worklist Smp#: 18

Client ID: MW-C12_20240617 MS

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85815.D				
Lims ID:	480-220956-A-2-B MS				
Client ID:	MW-C12_20240617 MS				
Sample Type:	MS				
Inject. Date:	22-Jun-2024 13:07:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-018				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:37:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.94	39.43
$ 6 Phenol-d5	10.0	2.54	25.37
$ 28 Nitrobenzene-d5	10.0	7.92	79.15
$ 53 2-Fluorobiphenyl	10.0	6.34	63.40
$ 79 2,4,6-Tribromophenol	10.0	8.82	88.16
$ 97 Terphenyl-d14	10.0	5.95	59.50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Client Sample ID: MW-C12_20240617 MSD MSD | Lab Sample ID: 480-220956-2 MSD

Matrix: Water | Lab File ID: P85816.D

Analysis Method: 8270E | Date Collected: 06/17/2024 13:10

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/22/2024 13:29

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.: 981562 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	67.1		10	1.1
208-96-8	Acenaphthylene	28.2		10	0.82
120-12-7	Anthracene	29.7		10	1.3
218-01-9	Chrysene	29.2		2.0	0.91
206-44-0	Fluoranthene	30.8		10	0.84
86-73-7	Fluorene	35.8		10	0.91
91-20-3	Naphthalene	22.7		2.0	0.54
85-01-8	Phenanthrene	29.9		10	1.3
129-00-0	Pyrene	32.1		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	66		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	81		51-145
1718-51-0	Terphenyl-d14 (Surr)	87		13-159

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85816.D
Lims ID: 480-220956-B-2-A MSD
Client ID: MW-C12_20240617 MSD
Sample Type: MSD
Inject. Date: 22-Jun-2024 13:29:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177459-019
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 24-Jun-2024 10:47:11 Calib Date: 12-Jun-2024 12:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:14

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	1.821	1.814	0.007	92	63328	5.00	1.94	
2 N-Nitrosodimethylamine	74	2.031	2.023	0.006	95	101149	5.00	2.07	
3 Pyridine	79	2.070	2.058	0.010	97	174516	10.0	2.39	
$ 4 2-Fluorophenol	112	3.136	3.127	0.009	97	333577	10.0	4.14	
5 Benzaldehyde	77	3.963	3.960	0.003	96	317925	5.00	4.77	
$ 6 Phenol-d5	99	4.014	4.011	0.003	98	272932	10.0	2.75	
7 Phenol	94	4.027	4.021	0.003	98	130234	5.00	1.29	
8 Aniline	93	4.062	4.059	0.000	97	261698	5.00	2.21	
9 Bis(2-chloroethyl)ether	93	4.120	4.120	-0.003	99	294121	5.00	3.72	
10 Benzonitrile	103	4.139	4.142	-0.003	97	588887	NC	NC	
11 2-Chlorophenol	128	4.177	4.174	0.003	97	263665	5.00	3.21	
12 n-Decane	43	4.225	4.228	-0.003	88	108492	5.00	1.46	
19 2-Toluidine	107	4.376	4.285	0.091	28	162		NC	
13 1,3-Dichlorobenzene	146	4.324	4.324	-0.004	97	183040	5.00	1.97	
* 14 1,4-Dichlorobenzene-d4	152	4.382	4.382	0.000	95	483554	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.398	4.394	0.000	97	193508	5.00	2.05	
17 Benzyl alcohol	108	4.507	4.500	0.004	96	148152	5.00	2.82	
18 1,2-Dichlorobenzene	146	4.542	4.538	0.000	97	193144	5.00	2.16	
20 2-Methylphenol	108	4.615	4.605	0.006	91	196646	5.00	2.71	
21 2,2'-oxybis[1-chloropropane]	45	4.638	4.633	0.000	95	317622	5.00	3.35	
22 N-Methylaniline	106	4.753	4.756	-0.003	100	439614	5.00	3.66	
26 4-Methylphenol	108	4.762	4.752	0.006	83	219854	5.00	2.57	
25 3 & 4 Methylphenol	108	4.762	4.752	0.006	90	220379	5.00	2.57	
24 N-Nitrosodi-n-propylamine	70	4.762	4.758	0.000	82	215708	5.00	3.92	
23 Acetophenone	105	4.762	4.762	0.000	91	449245	5.00	3.73	
27 Hexachloroethane	117	4.864	4.864	0.000	94	58158	5.00	1.72	
$ 28 Nitrobenzene-d5	82	4.906	4.906	0.000	85	697359	10.0	8.13	
29 Nitrobenzene	123	4.925	4.925	0.000	95	156119	5.00	3.97	
30 n,n'-Dimethylaniline	120	4.928	4.928	0.000	92	450694	5.00	3.54	
31 Isophorone	82	5.152	5.152	0.000	98	574940	5.00	3.90	
32 2-Nitrophenol	139	5.229	5.231	0.000	95	154890	5.00	3.88	
33 2,4-Dimethylphenol	122	5.274	5.269	0.007	92	166242	5.00	2.72	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.318	5.352	-0.032	88	53725	5.00	1.89	
34 Bis(2-chloroethoxy)methane	93	5.363	5.366	-0.003	98	366271	5.00	3.76	
36 2,4-Dichlorophenol	162	5.459	5.458	0.003	97	234788	5.00	3.63	
37 1,2,4-Trichlorobenzene	180	5.539	5.544	-0.003	95	165961	5.00	2.31	
* 38 Naphthalene-d8	136	5.593	5.593	0.000	99	1896314	8.00	8.00	
39 Naphthalene	128	5.616	5.616	0.000	99	714435	5.00	2.83	
40 4-Chloroaniline	127	5.667	5.667	0.000	97	280874	5.00	3.04	
41 2,6-Dichlorophenol	162	5.673	5.675	0.000	99	239033	5.00	3.72	
42 Hexachlorobutadiene	225	5.737	5.739	0.000	96	75687	5.00	1.85	
44 Caprolactam	113	5.971	5.981	-0.009	95	24570	5.00	1.37	
45 4-Chloro-3-methylphenol	107	6.134	6.127	0.007	96	215677	5.00	3.43	
46 2-Methylnaphthalene	142	6.278	6.277	0.001	85	514137	5.00	3.13	
47 1-Methylnaphthalene	142	6.370	6.370	0.000	92	484306	5.00	3.24	
48 Hexachlorocyclopentadiene	237	6.428	6.425	0.000	96	58880	5.00	1.28	
49 1,2,4,5-Tetrachlorobenzene	216	6.434	6.435	-0.003	98	228090	5.00	3.17	
50 2-tertbutyl-4-methylphenol	149	6.473	6.469	0.004	91	374021	5.00	4.02	
51 2,4,6-Trichlorophenol	196	6.546	6.541	0.003	91	166430	5.00	3.85	
52 2,4,5-Trichlorophenol	196	6.582	6.573	0.007	97	175632	5.00	3.66	
$ 53 2-Fluorobiphenyl	172	6.626	6.629	-0.003	98	1264033	10.0	6.62	
54 1,1'-Biphenyl	154	6.722	6.722	0.000	95	680134	5.00	3.36	
55 2-Chloronaphthalene	162	6.738	6.736	0.000	97	495286	5.00	3.23	
56 Phenyl ether	170	6.822	6.822	-0.002	87	378794	5.00	3.44	
57 2-Nitroaniline	65	6.834	6.834	0.000	97	174871	5.00	3.70	
58 1,3-Dimethylnaphthalene	156	6.946	6.949	-0.003	92	434223	5.00	3.47	
59 Dimethyl phthalate	163	7.013	7.016	-0.003	99	593339	5.00	3.73	
60 Coumarin	146	7.029	7.029	0.000	81	208971	5.00	4.01	
61 2,6-Dinitrotoluene	165	7.068	7.067	0.001	97	138059	5.00	4.16	
62 Acenaphthylene	152	7.129	7.129	-0.002	98	820250	5.00	3.53	
63 3-Nitroaniline	138	7.222	7.224	-0.002	98	128116	5.00	3.36	
* 64 Acenaphthene-d10	164	7.263	7.266	-0.003	95	1003099	8.00	8.00	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.292	7.295	-0.003	97	430064	5.00	3.49	
65 Acenaphthene	154	7.295	7.295	0.000	96	1232036	5.00	8.39	
67 2,4-Dinitrophenol	184	7.321	7.321	-0.002	95	105831	10.0	6.37	a
68 4-Nitrophenol	65	7.391	7.381	0.010	88	66169	10.0	2.68	
69 2,4-Dinitrotoluene	165	7.446	7.448	-0.002	97	176892	5.00	4.29	
70 Dibenzofuran	168	7.458	7.461	-0.003	96	783602	5.00	3.68	
71 2,3,4,6-Tetrachlorophenol	232	7.574	7.571	0.001	94	138752	5.00	3.83	
72 Diethyl phthalate	149	7.686	7.691	-0.005	98	612489	5.00	3.78	
73 Fluorene	166	7.782	7.784	-0.002	95	744248	5.00	4.47	
74 4-Chlorophenyl phenyl ether	204	7.788	7.788	-0.003	90	295047	5.00	3.77	
75 4-Nitroaniline	138	7.798	7.798	-0.002	91	138499	5.00	3.68	
76 4,6-Dinitro-2-methylphenol	198	7.830	7.829	-0.002	87	172881	10.0	7.31	
77 N-Nitrosodiphenylamine	169	7.900	7.899	0.001	99	432995	5.00	3.67	
81 1-Naphthylamine	143	7.897	7.916	-0.014	47	6446		NC	
131 Azobenzene	77	7.939	7.941	-0.002	0	625271	5.00	3.64	
78 1,2-Diphenylhydrazine	77	7.939	7.941	-0.002	98	625204	5.00	3.65	
$ 79 2,4,6-Tribromophenol	330	8.009	8.008	0.001	92	254639	10.0	8.69	
80 4-Bromophenyl phenyl ether	248	8.249	8.248	-0.002	91	170302	5.00	3.74	
82 Hexachlorobenzene	284	8.300	8.299	-0.002	96	203085	5.00	3.69	
86 2-Naphthylamine	143	8.249	8.320	-0.066	50	12332		NC	
83 Atrazine	200	8.412	8.408	0.001	94	217366	5.00	5.65	
84 Pentachlorophenol	266	8.489	8.485	0.001	95	206125	10.0	6.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Pentachloronitrobenzene	237	8.502	8.501	-0.002	91	71949	5.00	3.91	
87 n-Octadecane	57	8.592	8.594	-0.002	89	386297	5.00	3.73	
* 88 Phenanthrene-d10	188	8.669	8.671	-0.002	99	1733700	8.00	8.00	
89 Phenanthrene	178	8.691	8.693	-0.002	98	854566	5.00	3.74	
90 Anthracene	178	8.739	8.741	-0.002	98	852989	5.00	3.71	
91 Carbazole	167	8.893	8.895	-0.002	96	765475	5.00	3.75	
92 Di-n-butyl phthalate	149	9.242	9.243	-0.001	99	955161	5.00	4.06	
93 Fluoranthene	202	9.814	9.818	-0.004	97	827586	5.00	3.85	
94 Benzidine	184	9.949	9.947	0.000	99	89025	5.00	0.8199	
95 Pyrene	202	10.029	10.029	0.000	97	837864	5.00	4.01	
96 Bisphenol-A	213	10.090	10.087	0.003	98	102796	2.50	1.50	
$ 97 Terphenyl-d14	244	10.189	10.193	-0.004	97	1488391	10.0	8.69	
98 Butyl benzyl phthalate	149	10.698	10.701	-0.003	97	337293	5.00	4.30	
100 Carbamazepine	193	10.794	10.797	-0.003	92	221946	5.00	3.68	
101 3,3'-Dichlorobenzidine	252	11.265	11.265	-0.002	100	191062	5.00	3.03	
102 Benzo[a]anthracene	228	11.284	11.283	0.001	100	672963	5.00	3.78	
* 103 Chrysene-d12	240	11.294	11.296	-0.002	99	1107961	8.00	8.00	
104 Chrysene	228	11.323	11.325	-0.002	98	626355	5.00	3.65	
105 Bis(2-ethylhexyl) phthalate	149	11.368	11.370	-0.002	86	472843	5.00	4.30	
106 Di-n-octyl phthalate	149	12.206	12.208	-0.002	96	722025	5.00	4.42	
107 Benzo[b]fluoranthene	252	12.648	12.648	-0.001	98	577957	5.00	3.93	
108 Benzo[k]fluoranthene	252	12.684	12.687	-0.004	99	611415	5.00	3.90	
109 Benzo[a]pyrene	252	13.094	13.097	-0.003	96	536448	5.00	4.03	
* 110 Perylene-d12	264	13.177	13.177	0.000	99	1092317	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.722	14.727	-0.006	98	557921	5.00	3.66	
112 Dibenz(a,h)anthracene	278	14.773	14.775	-0.003	97	529786	5.00	3.37	
113 Benzo[g,h,i]perylene	276	15.148	15.153	-0.006	97	529982	5.00	3.55	
S 115 Total Cresols	1				0			5.28	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

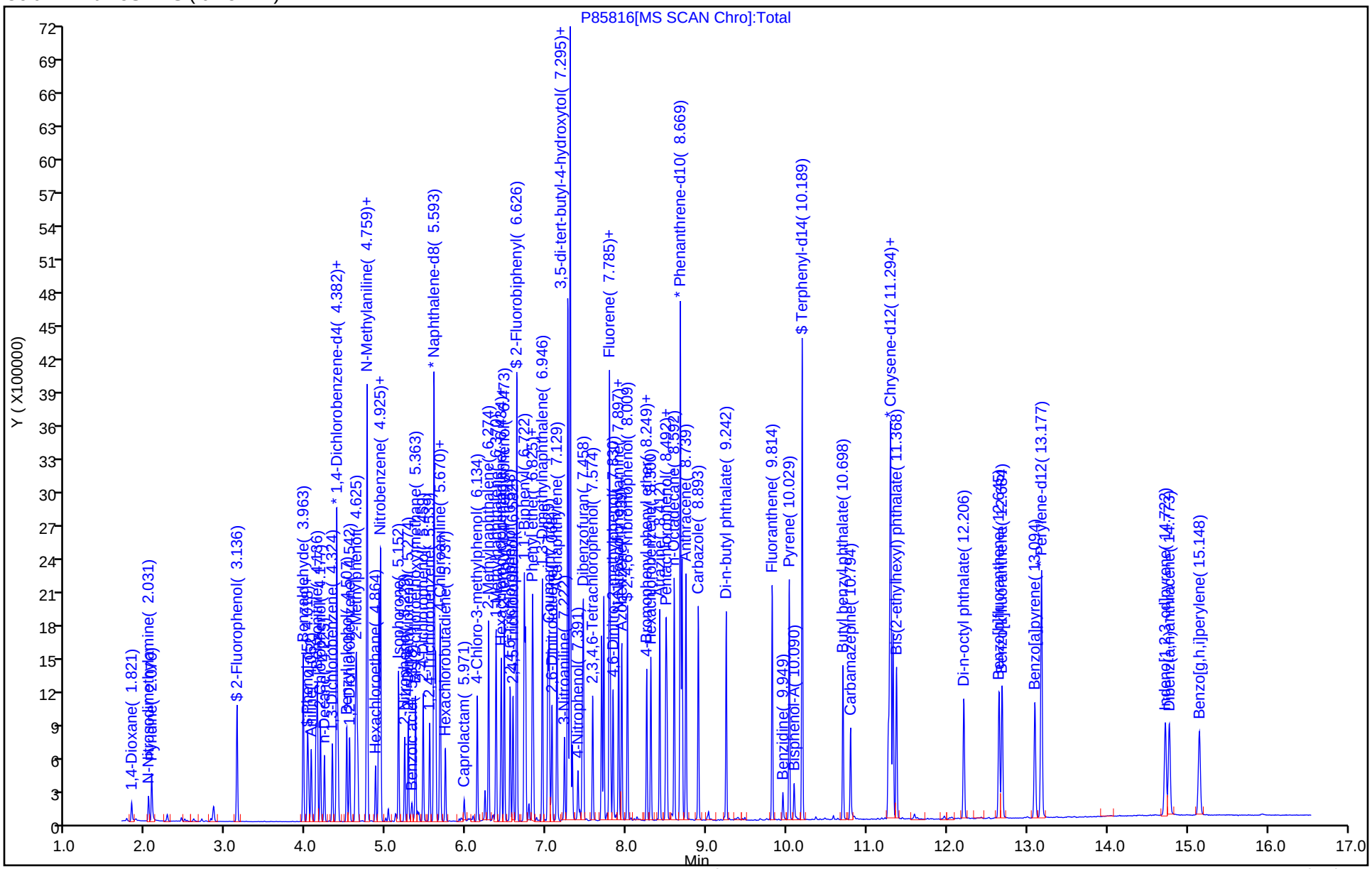
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 10:50:16 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85816.D				
Injection Date:	22-Jun-2024 13:29:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	480-220956-B-2-A MSD			Worklist Smp#:	19
Client ID:	MW-C12_20240617 MSD				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\P85816.D				
Lims ID:	480-220956-B-2-A MSD				
Client ID:	MW-C12_20240617 MSD				
Sample Type:	MSD				
Inject. Date:	22-Jun-2024 13:29:30	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177459-019				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20240621-177459.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	24-Jun-2024 10:47:11	Calib Date:	12-Jun-2024 12:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20240612-177058.b\P85623.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 22-Jun-2024 16:38:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.14	41.38
$ 6 Phenol-d5	10.0	2.75	27.46
$ 28 Nitrobenzene-d5	10.0	8.13	81.33
$ 53 2-Fluorobiphenyl	10.0	6.62	66.19
$ 79 2,4,6-Tribromophenol	10.0	8.69	86.89
$ 97 Terphenyl-d14	10.0	8.69	86.85

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 06/12/2024 06:48

Analysis Batch Number: 979633 End Date: 06/12/2024 13:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-979633/1		06/12/2024 06:48	1	P85605.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-979633/2		06/12/2024 07:09	1	P85607.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-979633/3 IC		06/12/2024 07:52	1	P85609.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-979633/4 IC		06/12/2024 08:34	1	P85611.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-979633/5 IC		06/12/2024 09:17	1	P85613.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-979633/6 IC		06/12/2024 09:59	1	P85615.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-979633/7 IC		06/12/2024 10:41	1	P85617.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-979633/8 IC		06/12/2024 11:24	1	P85619.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-979633/9 IC		06/12/2024 12:06	1	P85621.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-979633/10 IC		06/12/2024 12:48	1	P85623.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-979633/11		06/12/2024 13:31	1	P85625.D	Rtxi-5Sil MS 0.25(mm)

8270E

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 06/22/2024 07:06

Analysis Batch Number: 981562 End Date: 06/22/2024 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-981562/2		06/22/2024 07:06	1	P85799.D	Rtxi-5Sil MS 0.25(mm)
MB 460-981480/1-A		06/22/2024 08:00	1	P85801.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-981480/2-A		06/22/2024 08:21	1	P85802.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-981480/3-A		06/22/2024 08:50	1	P85803.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 11:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 11:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 12:03	1		Rtxi-5Sil MS 0.25(mm)
480-220956-1	MW-C11_20240617	06/22/2024 12:24	1	P85813.D	Rtxi-5Sil MS 0.25(mm)
480-220956-2	MW-C12_20240617	06/22/2024 12:46	1	P85814.D	Rtxi-5Sil MS 0.25(mm)
480-220956-2 MS	MW-C12_20240617 MS MS	06/22/2024 13:07	1	P85815.D	Rtxi-5Sil MS 0.25(mm)
480-220956-2 MSD	MW-C12_20240617 MSD MSD	06/22/2024 13:29	1	P85816.D	Rtxi-5Sil MS 0.25(mm)
480-220956-3	MW-C16_20240617	06/22/2024 13:50	1	P85817.D	Rtxi-5Sil MS 0.25(mm)
480-220956-4	MW-13S_20240617	06/22/2024 14:12	1	P85818.D	Rtxi-5Sil MS 0.25(mm)
480-220956-5	MW-22S_20240618	06/22/2024 14:34	1	P85819.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 14:55	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 16:45	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 17:13	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 06/23/2024 16:22

Analysis Batch Number: 981794 End Date: 06/23/2024 23:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-981794/2		06/23/2024 16:22	1	P85835.D	Rtxi-5Sil MS 0.25(mm)
MB 460-981623/1-A		06/23/2024 17:22	1	P85837.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-981623/2-A		06/23/2024 17:44	1	P85838.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-981623/3-A		06/23/2024 18:05	1	P85839.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 18:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 18:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 19:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 19:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 19:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 20:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 20:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 20:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 21:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 21:42	1		Rtxi-5Sil MS 0.25(mm)
480-220956-6	MW-23S_20240618	06/23/2024 22:03	1	P85850.D	Rtxi-5Sil MS 0.25(mm)
480-220956-7	MW-46S_20240618	06/23/2024 22:24	1	P85851.D	Rtxi-5Sil MS 0.25(mm)
480-220956-8	MW-48S_20240618	06/23/2024 22:46	1	P85852.D	Rtxi-5Sil MS 0.25(mm)
480-220956-9	DUP-1_202406	06/23/2024 23:07	1	P85853.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/23/2024 23:29	1		Rtxi-5Sil MS 0.25(mm)

8270E

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 979633 Batch Start Date: 06/12/24 06:48 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SMDFTP_CH 00036	SV_BNAL1_LVI 00006	SV_BNAL2_LVI 00006	SV_BNAL3_LVI 00008	SV_BNAL4_LVI 00008
DFTPP 460-979633/1		8270E			1 mL	1 mL				
ICIS 460-979633/2		8270E			1 mL					
STD24 460-979633/3 IC		8270E			1 mL					
STD16 460-979633/4 IC		8270E			1 mL					
STD4 460-979633/5 IC		8270E			1 mL					
STD2 460-979633/6 IC		8270E			1 mL					
STD1 460-979633/7 IC		8270E			1 mL					1 mL
STD04 460-979633/8 IC		8270E			1 mL				1 mL	
STD02 460-979633/9 IC		8270E			1 mL			1 mL		
STD01 460-979633/10 IC		8270E			1 mL		1 mL			
ICV 460-979633/11		8270E			1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL5_LVI 00008	SV_BNAL6_LVI 00009	SV_BNAL7_LVI 00009	SV_BNAL8_LVI 00008	SV_BNAL9_LVI 00007	SV_ICV_ LVI 00010
DFTPP 460-979633/1		8270E								
ICIS 460-979633/2		8270E					1 mL			
STD24 460-979633/3 IC		8270E							1 mL	
STD16 460-979633/4 IC		8270E						1 mL		
STD4 460-979633/5 IC		8270E				1 mL				
STD2 460-979633/6 IC		8270E			1 mL					
STD1 460-979633/7 IC		8270E								
STD04 460-979633/8 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.: 480-220956-1

SDG No.:

Batch Number: 979633 Batch Start Date: 06/12/24 06:48 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL5_LVI 00008	SV_BNAL6_LVI 00009	SV_BNAL7_LVI 00009	SV_BNAL8_LVI 00008	SV_BNAL9_LVI 00007	SV_ICV_ LVI 00010
STD02 460-979633/9 IC		8270E								
STD01 460-979633/10 IC		8270E								
ICV 460-979633/11		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.: 480-220956-1

SDG No.:

Batch Number: 981480 Batch Start Date: 06/21/24 08:59 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00020
MB 460-981480/1		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-981480/2		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-981480/3		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-B-1	MW-C11_20240617	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-2	MW-C12_20240617	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-2 MS	MW-C12_20240617 MS	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-B-2 MSD	MW-C12_20240617 MSD	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-A-3	MW-C16_20240617	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-4	MW-13S_20240617	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-5	MW-22S_20240618	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00051	OP_BNASurroga 00029				
MB 460-981480/1		3510C, 8270E				200 uL				
LCS 460-981480/2		3510C, 8270E			200 uL	200 uL				
LCSD 460-981480/3		3510C, 8270E			200 uL	200 uL				
480-220956-B-1	MW-C11_20240617	3510C, 8270E	Water	T		200 uL				
480-220956-A-2	MW-C12_20240617	3510C, 8270E	Water	T		200 uL				
480-220956-A-2 MS	MW-C12_20240617 MS	3510C, 8270E	Water	T	100 uL	200 uL				
480-220956-B-2 MSD	MW-C12_20240617 MSD	3510C, 8270E	Water	T	100 uL	200 uL				
480-220956-A-3	MW-C16_20240617	3510C, 8270E	Water	T		200 uL				
480-220956-A-4	MW-13S_20240617	3510C, 8270E	Water	T		200 uL				
480-220956-B-5	MW-22S_20240618	3510C, 8270E	Water	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.: 480-220956-1

SDG No.:

Batch Number: 981480 Batch Start Date: 06/21/24 08:59 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	10BDH5021
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	AB
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	231050
Base Used to Adjust pH ID	23D0456203
Prep Solvent ID	Dichloromethane: 2562011
Na2SO4 ID	461008
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21116173
Batch Comment	BNA Water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 981623 Batch Start Date: 06/22/24 09:45 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00020
MB 460-981623/1		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-981623/2		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-981623/3		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-A-6	MW-23S_20240618	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-7	MW-46S_20240618	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-8	MW-48S_20240618	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-9	DUP-1_202406	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00051	OP_BNASurroga 00029				
MB 460-981623/1		3510C, 8270E				200 uL				
LCS 460-981623/2		3510C, 8270E			200 uL	200 uL				
LCSD 460-981623/3		3510C, 8270E			200 uL	200 uL				
480-220956-A-6	MW-23S_20240618	3510C, 8270E	Water	T		200 uL				
480-220956-A-7	MW-46S_20240618	3510C, 8270E	Water	T		200 uL				
480-220956-A-8	MW-48S_20240618	3510C, 8270E	Water	T		200 uL				
480-220956-A-9	DUP-1_202406	3510C, 8270E	Water	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.: 480-220956-1

SDG No.:

Batch Number: 981623 Batch Start Date: 06/22/24 09:45 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	10BDH5021
Analyst ID - Extraction	NP
Analyst ID - Spike Analyst	NP
Analyst ID - Spike Witness Analyst	OS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	231050
Base Used to Adjust pH ID	23D0456203
Prep Solvent ID	Dichloromethane: 2562011
Na2SO4 ID	461008
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21116173
Batch Comment	BNA Water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM

Semivolatile Organic Compounds (GC/MS SIM)

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 287343.D

Lab ID: LCS 460-981480/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzo[a]anthracene	2.00	1.66	83	56-150	
Benzo[a]pyrene	2.00	1.71	85	48-150	
Benzo[b]fluoranthene	2.00	1.98	99	39-150	
Benzo[g,h,i]perylene	2.00	1.36	68	13-150	
Benzo[k]fluoranthene	2.00	1.52	76	38-150	
Dibenz(a,h)anthracene	2.00	1.43	72	10-150	
Indeno[1,2,3-cd]pyrene	2.00	1.38	69	10-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C304334.D

Lab ID: LCS 460-981856/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzo[a]anthracene	2.00	1.46	73	56-150	
Benzo[a]pyrene	2.00	1.53	77	48-150	
Benzo[b]fluoranthene	2.00	1.31	65	39-150	
Benzo[g,h,i]perylene	2.00	1.78	89	13-150	
Benzo[k]fluoranthene	2.00	1.35	68	38-150	
Dibenz(a,h)anthracene	2.00	1.94	97	10-150	
Indeno[1,2,3-cd]pyrene	2.00	1.85	93	10-150	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 287344.D

Lab ID: LCSD 460-981480/5-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	1.82	91	9	30	56-150	
Benzo[a]pyrene	2.00	1.87	93	9	30	48-150	
Benzo[b]fluoranthene	2.00	1.71	85	15	30	39-150	
Benzo[g,h,i]perylene	2.00	1.48	74	9	30	13-150	
Benzo[k]fluoranthene	2.00	2.00	100	27	30	38-150	
Dibenz(a,h)anthracene	2.00	1.51	75	5	30	10-150	
Indeno[1,2,3-cd]pyrene	2.00	1.50	75	9	30	10-150	

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.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C304335.D

Lab ID: LCSD 460-981856/3-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	1.49	75	2	30	56-150	
Benzo[a]pyrene	2.00	1.30	65	16	30	48-150	
Benzo[b]fluoranthene	2.00	1.16	58	12	30	39-150	
Benzo[g,h,i]perylene	2.00	1.43	72	22	30	13-150	
Benzo[k]fluoranthene	2.00	1.20	60	11	30	38-150	
Dibenz(a,h)anthracene	2.00	1.38	69	34	30	10-150	*1
Indeno[1,2,3-cd]pyrene	2.00	1.51	75	21	30	10-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U27038.D

Lab ID: 480-220956-2 MS Client ID: MW-C12_20240617 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzo[a]anthracene	40.0	0.050 U	44.8	112	56-150	
Benzo[a]pyrene	40.0	0.050 U	50.0	125	48-150	
Benzo[b]fluoranthene	40.0	0.050 U	37.3	93	39-150	
Benzo[g,h,i]perylene	40.0	0.050 U	42.6	106	13-150	
Benzo[k]fluoranthene	40.0	0.050 U	39.5	99	38-150	
Dibenz(a,h)anthracene	40.0	0.050 U	28.6	72	10-150	E
Indeno[1,2,3-cd]pyrene	40.0	0.050 U	51.3	128	10-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U27039.D

Lab ID: 480-220956-2 MSD Client ID: MW-C12_20240617 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzo[a]anthracene	40.0	40.9	102	9	30	56-150	
Benzo[a]pyrene	40.0	46.5	116	7	30	48-150	
Benzo[b]fluoranthene	40.0	33.4	84	11	30	39-150	
Benzo[g,h,i]perylene	40.0	39.0	97	9	30	13-150	
Benzo[k]fluoranthene	40.0	38.5	96	3	30	38-150	
Dibenz(a,h)anthracene	40.0	27.2	68	5	30	10-150	E
Indeno[1,2,3-cd]pyrene	40.0	47.1	118	9	30	10-150	

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.: 480-220956-1

SDG No.:

Lab File ID: 287342.D Lab Sample ID: MB 460-981480/1-A

Matrix: Water Date Extracted: 06/21/2024 08:59

Instrument ID: CBNAMS9 Date Analyzed: 06/22/2024 07:48

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-981480/4-A	287343.D	06/22/2024 08:09
	LCSD 460-981480/5-A	287344.D	06/22/2024 08:30
MW-C12_20240617	480-220956-2	287354.D	06/22/2024 18:00
MW-C12_20240617 MS MS	480-220956-2 MS	U27038.D	06/22/2024 18:15
MW-C16_20240617	480-220956-3	287355.D	06/22/2024 18:21
MW-C12_20240617 MSD MSD	480-220956-2 MSD	U27039.D	06/22/2024 18:36
MW-13S_20240617	480-220956-4	287356.D	06/22/2024 18:42
MW-C11_20240617	480-220956-1	C304328.D	06/24/2024 10:38
MW-22S_20240618	480-220956-5	C304329.D	06/24/2024 10:59

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: C304332.D Lab Sample ID: MB 460-981856/1-A

Matrix: Water Date Extracted: 06/24/2024 07:55

Instrument ID: CBNAMS13 Date Analyzed: 06/24/2024 12:02

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-981856/2-A	C304334.D	06/24/2024 12:44
	LCSD 460-981856/3-A	C304335.D	06/24/2024 13:05
MW-23S_20240618	480-220956-6	C304336.D	06/24/2024 13:26
MW-48S_20240618	480-220956-8	C304338.D	06/24/2024 14:08
DUP-1_202406	480-220956-9	C304339.D	06/24/2024 14:29
MW-46S_20240618	480-220956-7	C304346.D	06/24/2024 20:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: C303675.D DFTPP Injection Date: 05/22/2024

Instrument ID: CBNAMS13 DFTPP Injection Time: 08:01

Analysis Batch No.: 976201

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.6) 1
69	Present	36.1	
70	Less than 2% of m/z 69	0.3	(0.8) 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	3.2	
441	Less than 150% of m/z 443	21.5	(81.1) 3
442	Present	135.6	
443	15-24% of m/z 442	26.5	(19.6) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-976201/2	C303676.D	05/22/2024	8:13
	STD8 460-976201/3	C303677.D	05/22/2024	8:40
	STD7 460-976201/5	C303679.D	05/22/2024	9:22
	STD6 460-976201/6	C303680.D	05/22/2024	9:42
	STD4 460-976201/7	C303681.D	05/22/2024	10:04
	STD3 460-976201/8	C303682.D	05/22/2024	10:24
	STD2 460-976201/9	C303683.D	05/22/2024	10:45
	STD1 460-976201/10	C303684.D	05/22/2024	11:06
	ICV 460-976201/12	C303685.D	05/22/2024	11:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: U26748.D DFTPP Injection Date: 05/24/2024

Instrument ID: CBNAMS4 DFTPP Injection Time: 06:16

Analysis Batch No.: 976650

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.0	(0.0) 1
69	Present	38.3	
70	Less than 2% of m/z 69	0.2	(0.5) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	7.1	
365	Greater than 1% of Base Peak	5.9	
441	Less than 150% of m/z 443	33.8	(78.5) 3
442	Present	217.4	
443	15-24% of m/z 442	43.0	(19.8) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-976650/3	U26750.D	05/24/2024	6:48
	STD7 460-976650/4	U26751.D	05/24/2024	7:09
	STD6 460-976650/5	U26752.D	05/24/2024	7:30
	STD4 460-976650/6	U26753.D	05/24/2024	7:51
	STD3 460-976650/7	U26754.D	05/24/2024	8:11
	STD2 460-976650/8	U26755.D	05/24/2024	8:32
	STD1 460-976650/9	U26756.D	05/24/2024	8:53
	ICIS 460-976650/10	U26758.D	05/24/2024	9:46
	ICV 460-976650/11	U26759.D	05/24/2024	10:07

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Lab File ID: 286693.D DFTPP Injection Date: 05/22/2024

Instrument ID: CBNAMS9 DFTPP Injection Time: 11:48

Analysis Batch No.: 976250

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.0	(0.0) 1
69	Present	35.4	
70	Less than 2% of m/z 69	0.3	(0.7) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.6	
365	Greater than 1% of Base Peak	4.4	
441	Less than 150% of m/z 443	30.9	(89.5) 3
442	Present	176.0	
443	15-24% of m/z 442	34.5	(19.6) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-976250/4	286696.D	05/22/2024	12:42
	STD6 460-976250/5	286697.D	05/22/2024	13:03
	STD4 460-976250/6	286698.D	05/22/2024	13:24
	STD3 460-976250/7	286699.D	05/22/2024	13:45
	STD2 460-976250/8	286700.D	05/22/2024	14:06
	STD1 460-976250/9	286701.D	05/22/2024	14:27
	ICIS 460-976250/10	286702.D	05/22/2024	14:48
	STD8 460-976250/12	286707.D	05/22/2024	17:01
	ICV 460-976250/13	286708.D	05/22/2024	17:30

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

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976201/2 Date Analyzed: 05/22/2024 08:13

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C303676.D Heated Purge: (Y/N) N

Calibration ID: 97263

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		18157	3.87	62335	5.11	30290	6.77
UPPER LIMIT		36314	4.37	124670	5.61	60580	7.27
LOWER LIMIT		9079	3.37	31168	4.61	15145	6.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976201/12		16591	3.87	54284	5.10	25528	6.77

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976201/2 Date Analyzed: 05/22/2024 08:13

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C303676.D Heated Purge: (Y/N) N

Calibration ID: 97263

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		55434	8.16	32464	10.69	25039	12.37
UPPER LIMIT		110868	8.66	64928	11.19	50078	12.87
LOWER LIMIT		27717	7.66	16232	10.19	12520	11.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976201/12		45658	8.16	27351	10.69	20845	12.37

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981870/2 Date Analyzed: 06/24/2024 09:14

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C304324.D Heated Purge: (Y/N) N

Calibration ID: 97263

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18720	3.75	59453	4.99	28923	6.65
UPPER LIMIT		37440	4.25	118906	5.49	57846	7.15
LOWER LIMIT		9360	3.25	29727	4.49	14462	6.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-220956-1	MW-C11_20240617	18578	3.75	58243	4.99	27678	6.65
480-220956-5	MW-22S_20240618	17590	3.75	55153	4.99	26220	6.65
MB 460-981856/1-A		21499	3.75	69058	4.99	34286	6.65
LCS 460-981856/2-A		21349	3.75	67752	4.99	33745	6.65
LCSD 460-981856/3-A		19085	3.75	60263	4.99	30104	6.65
480-220956-6	MW-23S_20240618	14857	3.75	47226	4.99	24555	6.65
480-220956-8	MW-48S_20240618	11844	3.75	38376	4.99	18670	6.65
480-220956-9	DUP-1_202406	14247	3.75	45953	4.99	23522	6.65
480-220956-7	MW-46S_20240618	12086	3.75	39193	4.99	19763	6.65

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981870/2 Date Analyzed: 06/24/2024 09:14

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C304324.D Heated Purge: (Y/N) N

Calibration ID: 97263

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		45681	8.04	24033	10.56	34729	12.19
UPPER LIMIT		91362	8.54	48066	11.06	69458	12.69
LOWER LIMIT		22841	7.54	12017	10.06	17365	11.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-220956-1	MW-C11_20240617	48217	8.05	25266	10.56	30669	12.19
480-220956-5	MW-22S_20240618	45423	8.05	24015	10.56	29072	12.19
MB 460-981856/1-A		62565	8.05	31902	10.56	37400	12.19
LCS 460-981856/2-A		61467	8.04	32216	10.56	31875	12.19
LCSD 460-981856/3-A		55894	8.04	30718	10.56	29421	12.19
480-220956-6	MW-23S_20240618	40003	8.04	20252	10.56	20656	12.19
480-220956-8	MW-48S_20240618	32397	8.04	17621	10.56	18720	12.19
480-220956-9	DUP-1_202406	38151	8.04	20015	10.56	19960	12.19
480-220956-7	MW-46S_20240618	33132	8.04	18058	10.56	17883	12.19

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976650/10 Date Analyzed: 05/24/2024 09:46

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U26758.D Heated Purge: (Y/N) N

Calibration ID: 97352

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		9649	4.29	30769	5.51	14394	7.18
UPPER LIMIT		19298	4.79	61538	6.01	28788	7.68
LOWER LIMIT		4825	3.79	15385	5.01	7197	6.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976650/11		9813	4.29	31055	5.50	17516	7.18

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976650/10 Date Analyzed: 05/24/2024 09:46

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U26758.D Heated Purge: (Y/N) N

Calibration ID: 97352

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		27610	8.59	13718	11.20	12657	13.06
UPPER LIMIT		55220	9.09	27436	11.70	25314	13.56
LOWER LIMIT		13805	8.09	6859	10.70	6329	12.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976650/11		23241	8.59	13496	11.19	13007	13.05

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981572/2 Date Analyzed: 06/22/2024 07:09

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U27010.D Heated Purge: (Y/N) N

Calibration ID: 97352

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		7464	4.19	23947	5.41	12906	7.08
UPPER LIMIT		14928	4.69	47894	5.91	25812	7.58
LOWER LIMIT		3732	3.69	11974	4.91	6453	6.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-220956-2 MS	MW-C12_20240617 MS MS	7472	4.19	23228	5.41	11101	7.08
480-220956-2 MSD	MW-C12_20240617 MSD MSD	6805	4.19	21082	5.41	10813	7.08

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981572/2 Date Analyzed: 06/22/2024 07:09

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U27010.D Heated Purge: (Y/N) N

Calibration ID: 97352

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15029	8.49	9849	11.06	9983	12.88
UPPER LIMIT		30058	8.99	19698	11.56	19966	13.38
LOWER LIMIT		7515	7.99	4925	10.56	4992	12.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-220956-2 MS	MW-C12_20240617 MS MS	15147	8.49	9982	11.07	10453	12.88
480-220956-2 MSD	MW-C12_20240617 MSD MSD	13002	8.49	9184	11.06	9802	12.88

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976250/10 Date Analyzed: 05/22/2024 14:48

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 286702.D Heated Purge: (Y/N) N

Calibration ID: 97276

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		20539	3.56	55707	4.81	24518	6.47
UPPER LIMIT		41078	4.06	111414	5.31	49036	6.97
LOWER LIMIT		10270	3.06	27854	4.31	12259	5.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976250/13		24805	3.56	68601	4.81	29591	6.47

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.: 480-220956-1

SDG No.:

Sample No.: ICIS 460-976250/10 Date Analyzed: 05/22/2024 14:48

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 286702.D Heated Purge: (Y/N) N

Calibration ID: 97276

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31938	7.87	26776	10.36	20046	11.94
UPPER LIMIT		63876	8.37	53552	10.86	40092	12.44
LOWER LIMIT		15969	7.37	13388	9.86	10023	11.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-976250/13		33986	7.88	31989	10.36	25018	11.94

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981569/2 Date Analyzed: 06/22/2024 07:02

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 287340.D Heated Purge: (Y/N) N

Calibration ID: 97276

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15337	3.43	43557	4.69	14056	6.35
UPPER LIMIT		30674	3.93	87114	5.19	28112	6.85
LOWER LIMIT		7669	2.93	21779	4.19	7028	5.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981480/1-A		18294	3.43	52025	4.69	16841	6.35
LCS 460-981480/4-A		17285	3.43	47245	4.68	14753	6.35
LCSD 460-981480/5-A		18526	3.43	52263	4.68	15639	6.35
480-220956-2	MW-C12_20240617	13310	3.43	41094	4.68	15896	6.35
480-220956-3	MW-C16_20240617	15897	3.43	46231	4.68	12975	6.35
480-220956-4	MW-13S_20240617	21374	3.43	59624	4.68	18193	6.35

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.: 480-220956-1

SDG No.:

Sample No.: CCVIS 460-981569/2 Date Analyzed: 06/22/2024 07:02

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 287340.D Heated Purge: (Y/N) N

Calibration ID: 97276

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20370	7.74	15318	10.21	14691	11.72
UPPER LIMIT		40740	8.24	30636	10.71	29382	12.22
LOWER LIMIT		10185	7.24	7659	9.71	7346	11.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-981480/1-A		29173	7.74	18662	10.21	16624	11.71
LCS 460-981480/4-A		27769	7.73	17134	10.21	15799	11.71
LCSD 460-981480/5-A		29339	7.73	20479	10.20	18928	11.71
480-220956-2	MW-C12_20240617	25269	7.74	21661	10.21	24394	11.72
480-220956-3	MW-C16_20240617	26527	7.73	19847	10.21	22524	11.72
480-220956-4	MW-13S_20240617	31597	7.73	24569	10.21	27021	11.72

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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C11_20240617
Lab Sample ID: 480-220956-1
Matrix: Water
Lab File ID: C304328.D
Analysis Method: 8270E SIM
Date Collected: 06/17/2024 10:40
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 10:38
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.: 981870
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\20240624-177551.b\C304328.D				
Lims ID:	480-220956-B-1-A				
Client ID:	MW-C11_20240617				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 10:38:30	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-006				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 11:14:34	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: QQ8R Date: 24-Jun-2024 11:00:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	18578	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	58243	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	27678	0.2000	
* 17 Phenanthrene-d10	188	8.052	8.042	0.010	100	48217	0.2000	
* 25 Chrysene-d12	240	10.556	10.556	0.000	99	25266	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	30669	0.2000	

QC Flag Legend

Processing Flags

Reagents:

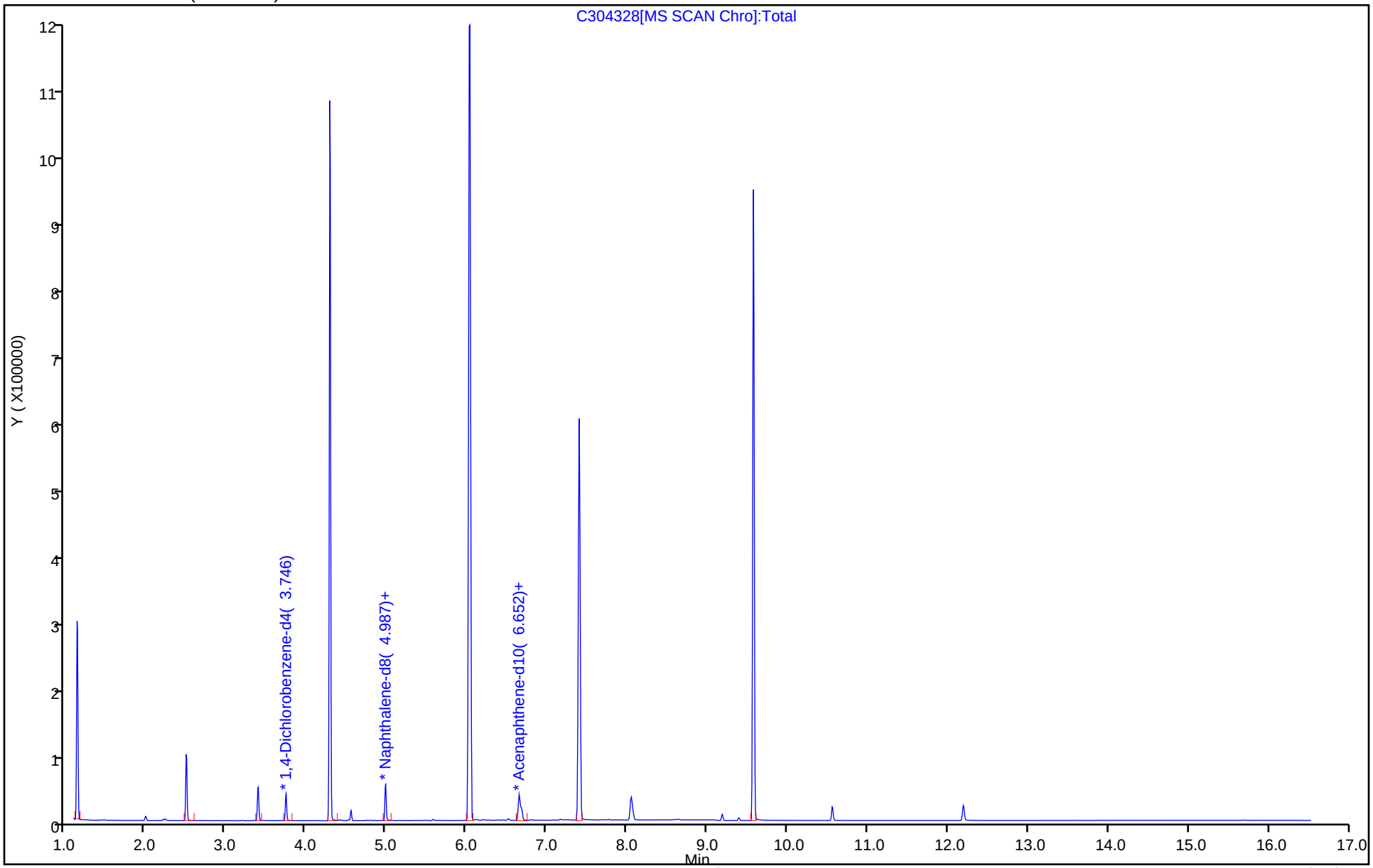
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 11:14:34 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304328.D				
Injection Date:	24-Jun-2024 10:38:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-1-A	Lab Sample ID:	460-220956-1	Worklist Smp#:	6
Client ID:	MW-C11_20240617				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304328.D				
Lims ID:	480-220956-B-1-A				
Client ID:	MW-C11_20240617				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 10:38:30	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-006				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 11:14:34	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: QQ8R Date: 24-Jun-2024 11:00:15

Compound	Amount Added	Amount Recovered	% Rec.

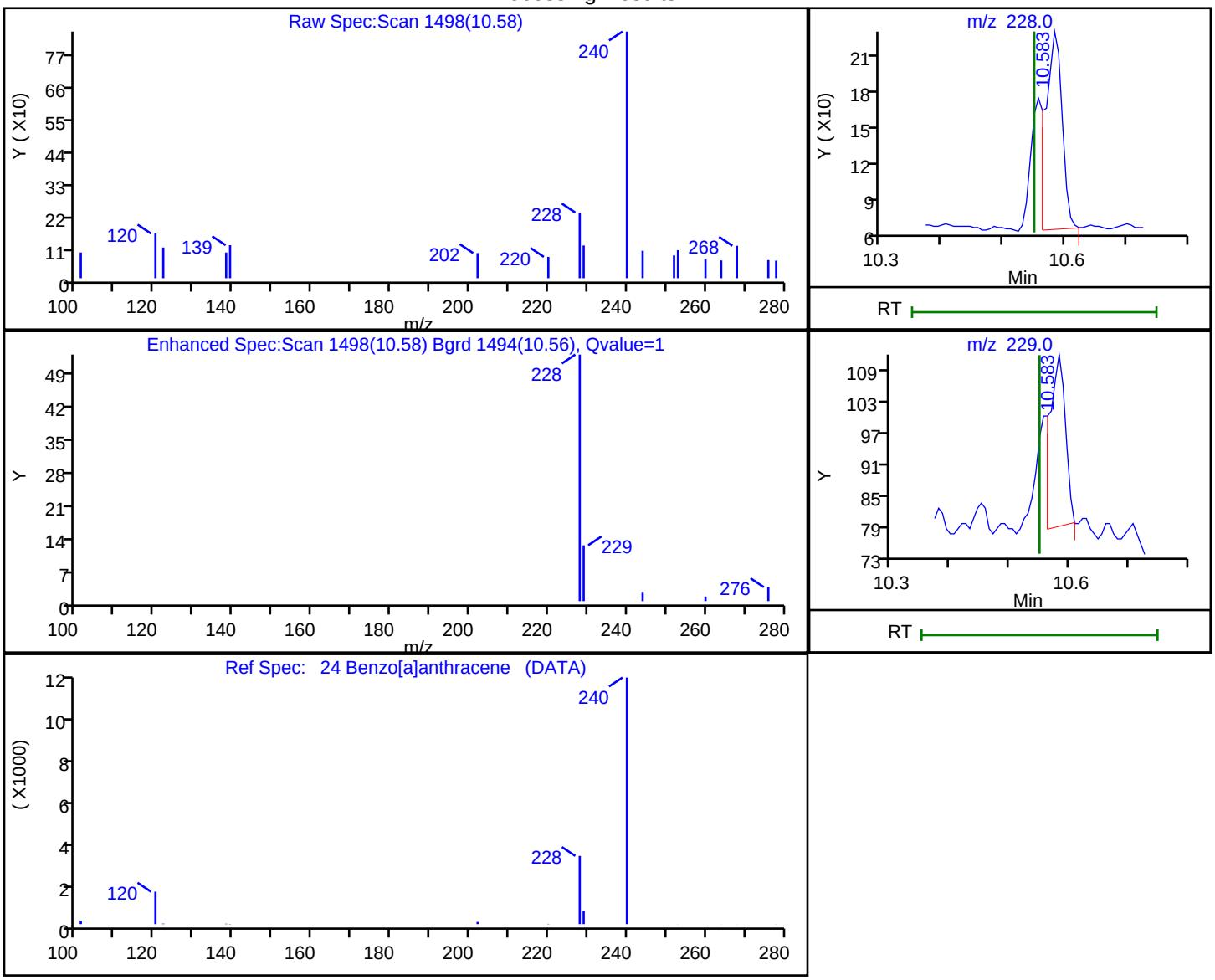
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304328.D				
Injection Date:	24-Jun-2024 10:38:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-1-A	Lab Sample ID:	460-220956-1		
Client ID:	MW-C11_20240617				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
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

Processing Results



RT	Mass	Response	Amount
10.58	228.00	293	0.001711
10.58	229.00	61	

Reviewer: G4KC, 24-Jun-2024 11:14:29 -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.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617
Lab Sample ID: 480-220956-2
Matrix: Water
Lab File ID: 287354.D
Analysis Method: 8270E SIM
Date Collected: 06/17/2024 13:10
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 18:00
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 981569
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\CBNAMS9\20240621-177462.b\287354.D
Lims ID: 480-220956-A-2-A
Client ID: MW-C12_20240617
Sample Type: Client
Inject. Date: 22-Jun-2024 18:00:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-016
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:44:34 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.426	3.434	-0.008	99	13310	0.2000	
$ 6 Nitrobenzene-d5	82	3.989	3.997	-0.008	95	765452	10.9	
* 7 Naphthalene-d8	136	4.681	4.689	-0.008	99	41094	0.2000	
$ 9 2-Fluorobiphenyl	172	5.740	5.740	0.000	94	1767937	9.57	
10 Acenaphthylene	152	6.214	6.213	0.001	98	14543	0.0822	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	83	15896	0.2000	
12 Acenaphthene	154	6.382	6.382	0.000	96	483098	4.15	
13 Fluorene	166	6.871	6.871	0.000	96	89178	0.7579	
$ 20 2,4,6-Tribromophenol	330	7.100	7.100	0.000	93	679497	25.6	
* 17 Phenanthrene-d10	188	7.742	7.742	0.000	100	25269	0.2000	
18 Phenanthrene	178	7.758	7.758	0.000	94	18409	0.0799	
19 Anthracene	178	7.804	7.804	0.000	96	1053	0.005262	
21 Fluoranthene	202	8.874	8.874	0.000	94	2797	0.0130	
22 Pyrene	202	9.066	9.066	0.000	100	4411	0.0199	
$ 23 Terphenyl-d14	244	9.258	9.258	0.000	96	782256	8.00	
* 25 Chrysene-d12	240	10.208	10.208	0.000	93	21661	0.2000	
* 30 Perylene-d12	264	11.722	11.722	0.000	100	24394	0.2000	

QC Flag Legend
Processing Flags

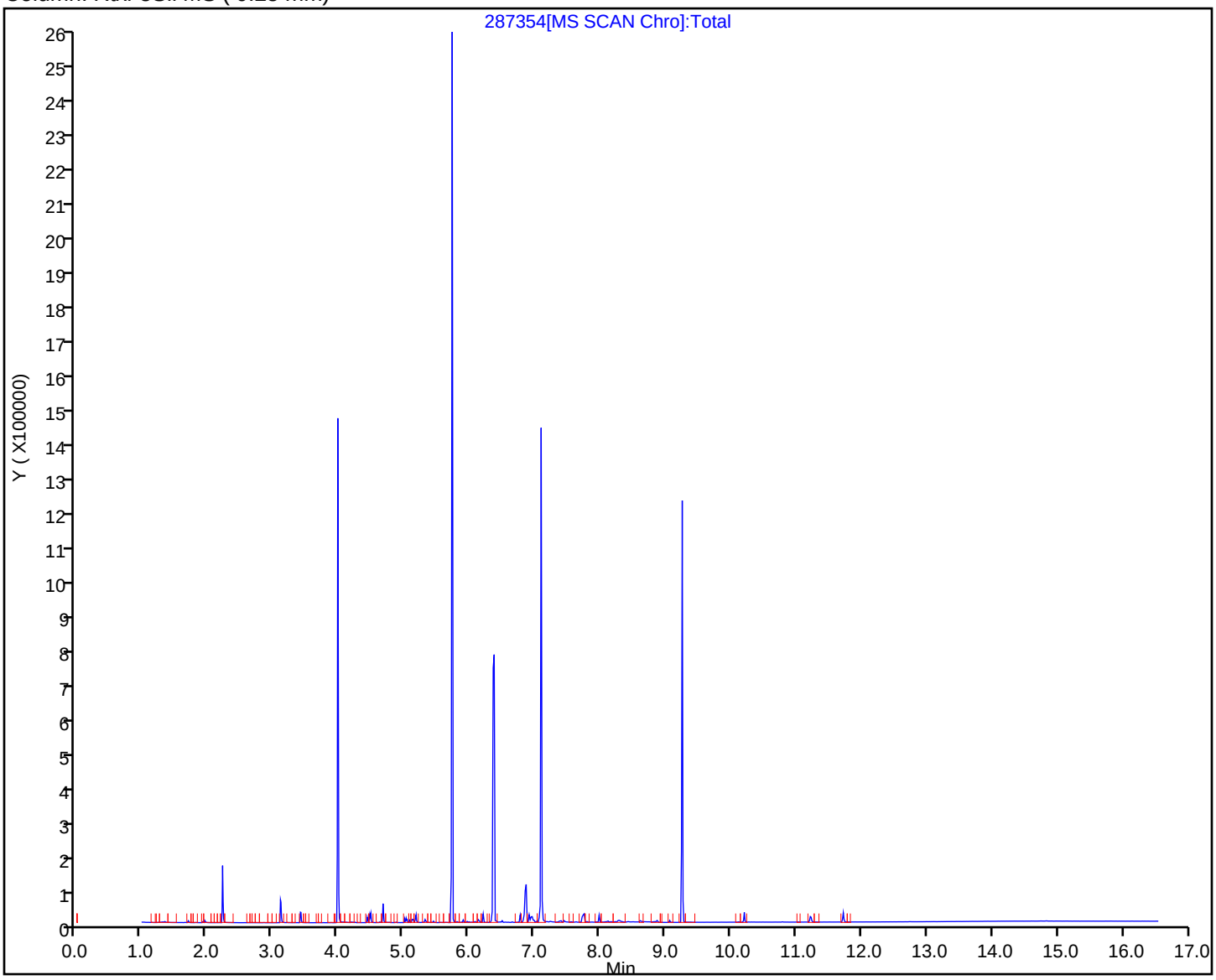
Reagents:
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 08:45:56 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287354.D				
Injection Date:	22-Jun-2024 18:00:30	Instrument ID:	CBNAMS9		
Lims ID:	480-220956-A-2-A	Lab Sample ID:	460-220956-2		
Client ID:	MW-C12_20240617				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287354.D				
Lims ID:	480-220956-A-2-A				
Client ID:	MW-C12_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 18:00:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-016				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:44:34	Calib Date:	22-May-2024 17:01:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	10.9	108.93
$ 9 2-Fluorobiphenyl	10.0	9.57	95.66
$ 20 2,4,6-Tribromophenol	10.0	25.6	255.65
$ 23 Terphenyl-d14	10.0	8.00	80.01

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C16_20240617
Lab Sample ID: 480-220956-3
Matrix: Water
Lab File ID: 287355.D
Analysis Method: 8270E SIM
Date Collected: 06/17/2024 11:45
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 18:21
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.: 981569
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.029	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\CBNAMS9\20240621-177462.b\287355.D				
Lims ID:	480-220956-A-3-A				
Client ID:	MW-C16_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 18:21:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-017				
Operator ID:		Instrument ID:	CBNAMS9		

Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m		
Limit Group:	SV 8270E SIM ICAL		
Last Update:	24-Jun-2024 08:44:34	Calib Date:	22-May-2024 17:01:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D		

Column 1 :	Rtxi-5Sil MS (0.25 mm)	Det: MS SCAN
Process Host:	CTX1614	

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.426	3.434	-0.008	100	15897	0.2000	
* 7 Naphthalene-d8	136	4.681	4.689	-0.008	99	46231	0.2000	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	84	12975	0.2000	
* 17 Phenanthrene-d10	188	7.727	7.742	-0.015	98	26527	0.2000	
24 Benzo[a]anthracene	228	10.196	10.196	0.000	4	554	0.003583	
* 25 Chrysene-d12	240	10.208	10.208	0.000	92	19847	0.2000	
* 30 Perylene-d12	264	11.722	11.722	0.000	99	22524	0.2000	

QC Flag Legend

Processing Flags

Reagents:

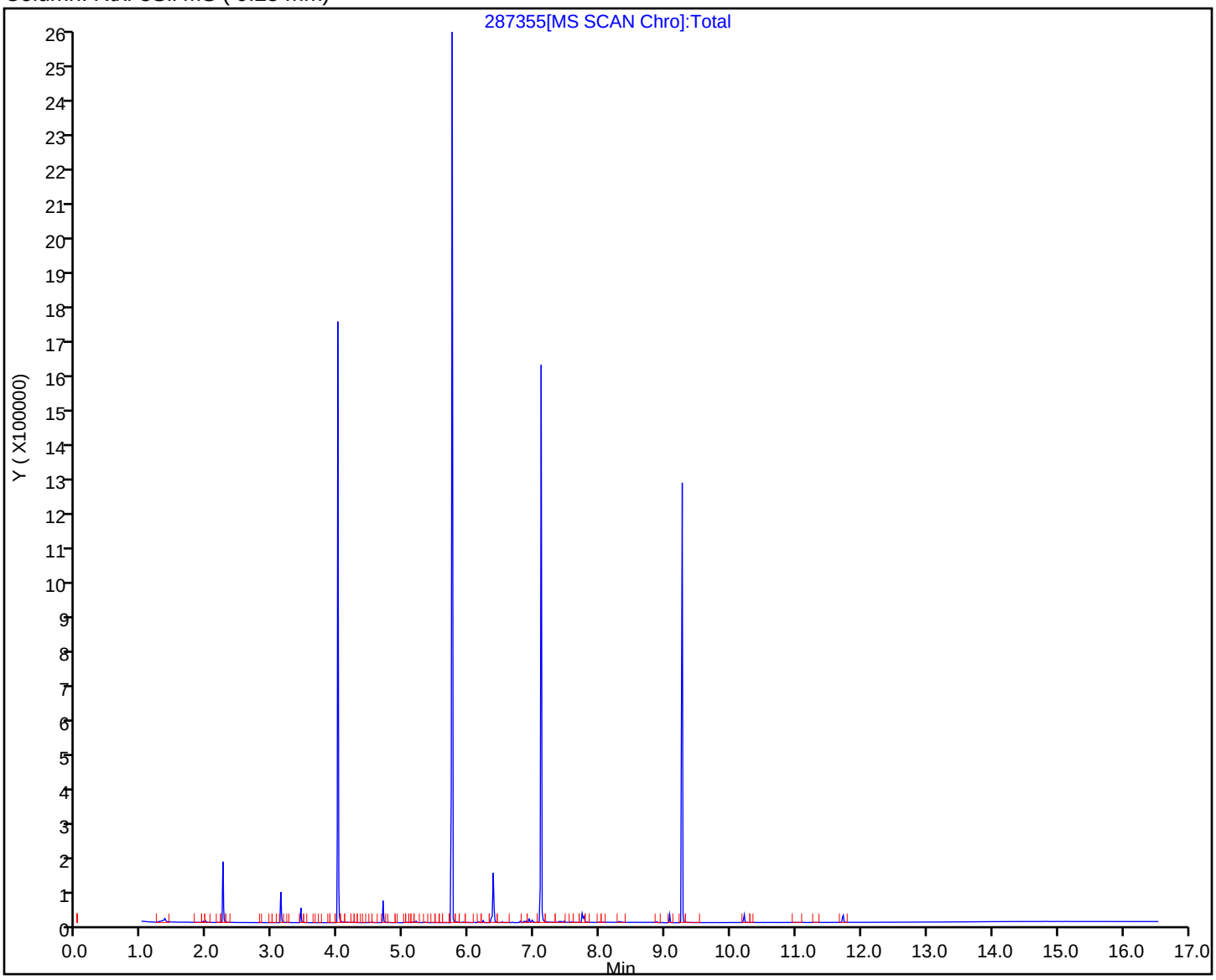
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 08:47:39 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287355.D				
Injection Date:	22-Jun-2024 18:21:30	Instrument ID:	CBNAMS9		
Lims ID:	480-220956-A-3-A	Lab Sample ID:	460-220956-3		
Client ID:	MW-C16_20240617				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287355.D				
Lims ID:	480-220956-A-3-A				
Client ID:	MW-C16_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 18:21:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-017				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:44:34	Calib Date:	22-May-2024 17:01:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:36

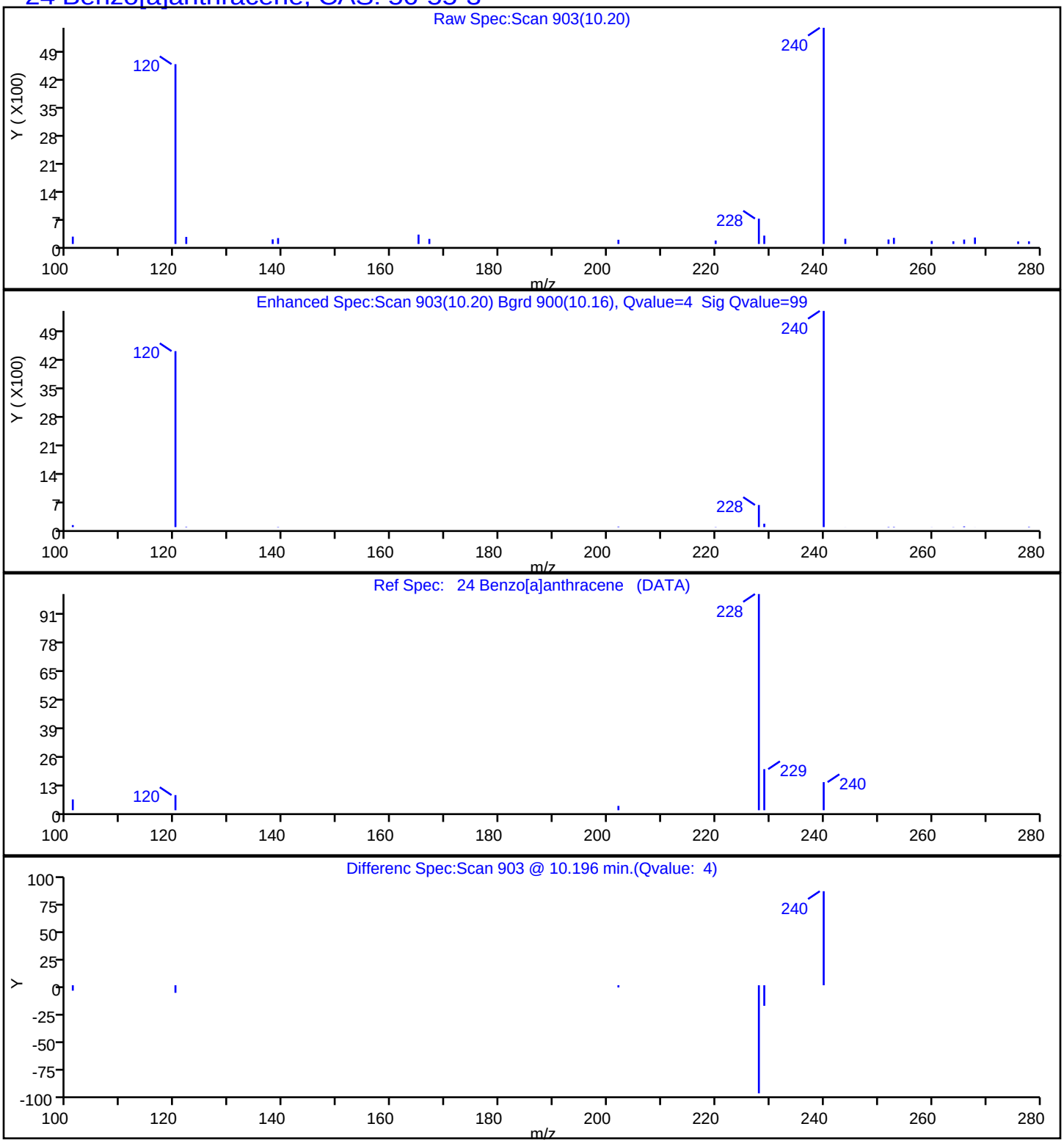
Compound	Amount Added	Amount Recovered	% Rec.

Report Date: 24-Jun-2024 08:47:39 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287355.D				
Injection Date:	22-Jun-2024 18:21:30	Instrument ID:	CBNAMS9		
Lims ID:	480-220956-A-3-A	Lab Sample ID:	460-220956-3		
Client ID:	MW-C16_20240617				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	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.: 480-220956-1

SDG No.:

Client Sample ID: MW-13S_20240617 | Lab Sample ID: 480-220956-4

Matrix: Water | Lab File ID: 287356.D

Analysis Method: 8270E SIM | Date Collected: 06/17/2024 15:05

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/22/2024 18:42

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.: 981569 | 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\CBNAMS9\20240621-177462.b\287356.D				
Lims ID:	480-220956-A-4-A				
Client ID:	MW-13S_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 18:42:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-018				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:44:34	Calib Date:	22-May-2024 17:01:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.425	3.434	-0.009	99	21374	0.2000	
* 7 Naphthalene-d8	136	4.681	4.689	-0.008	100	59624	0.2000	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	83	18193	0.2000	
* 17 Phenanthrene-d10	188	7.727	7.742	-0.015	96	31597	0.2000	a
* 25 Chrysene-d12	240	10.208	10.208	0.000	91	24569	0.2000	
* 30 Perylene-d12	264	11.722	11.722	0.000	99	27021	0.2000	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

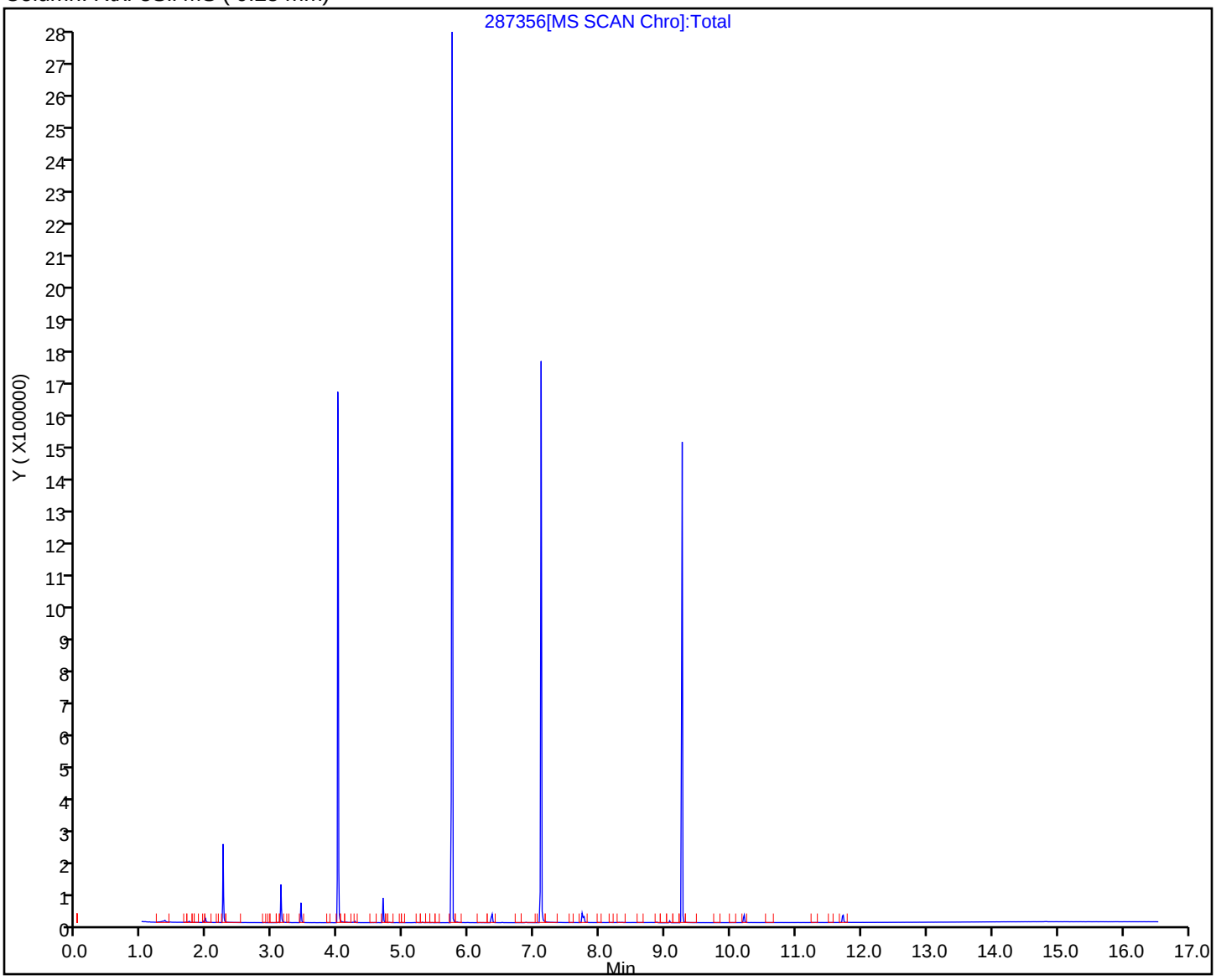
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 08:47:58 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287356.D				
Injection Date:	22-Jun-2024 18:42:30	Instrument ID:	CBNAMS9		
Lims ID:	480-220956-A-4-A	Lab Sample ID:	460-220956-4		
Client ID:	MW-13S_20240617				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287356.D				
Lims ID:	480-220956-A-4-A				
Client ID:	MW-13S_20240617				
Sample Type:	Client				
Inject. Date:	22-Jun-2024 18:42:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-018				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:44:34	Calib Date:	22-May-2024 17:01:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 23-Jun-2024 17:56:48

Compound	Amount Added	Amount Recovered	% Rec.

Manual Integration/User Assign Peak Report

Eurofins Edison

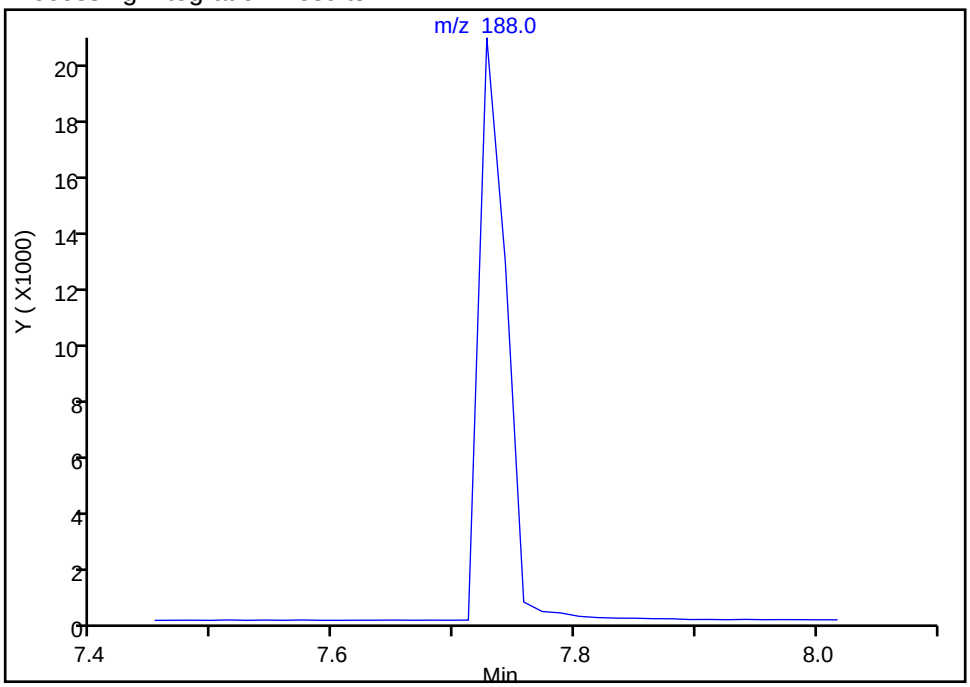
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287356.D				
Injection Date:	22-Jun-2024 18:42:30	Instrument ID:	CBNAMS9		
Lims ID:	480-220956-A-4-A	Lab Sample ID:	460-220956-4		
Client ID:	MW-13S_20240617				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	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

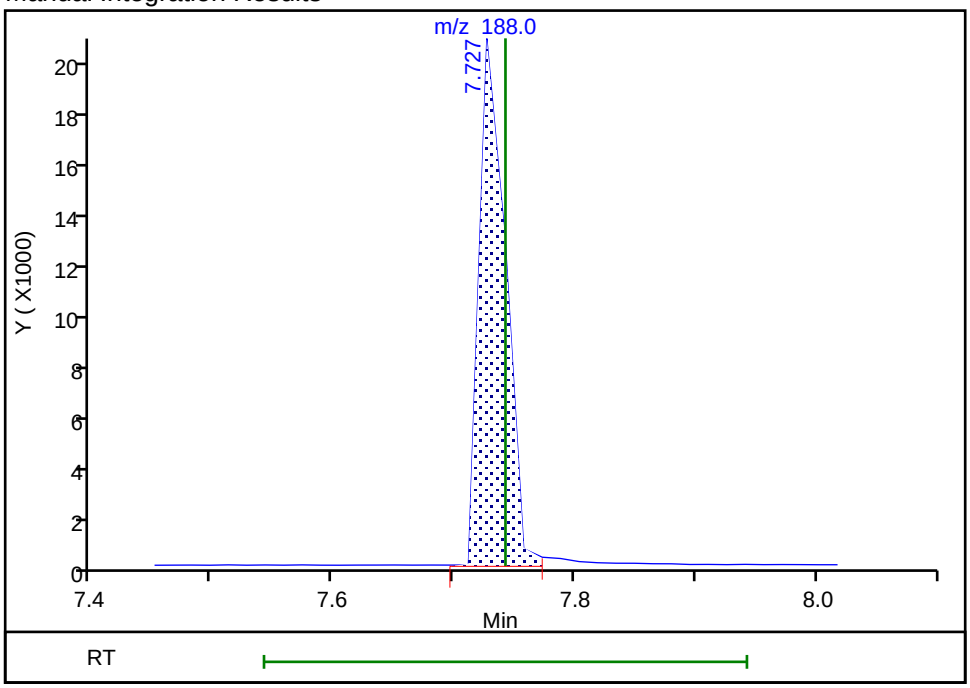
Processing Integration Results

Not Detected
Expected RT: 7.74



Manual Integration Results

RT: 7.73
Area: 31597
Amount: 0.200000
Amount Units: ug/ml



Reviewer: U6BX, 23-Jun-2024 17:56:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Client Sample ID: MW-22S_20240618 | Lab Sample ID: 480-220956-5

Matrix: Water | Lab File ID: C304329.D

Analysis Method: 8270E SIM | Date Collected: 06/18/2024 12:00

Extract. Method: 3510C | Date Extracted: 06/21/2024 09:01

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2024 10:59

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.: 981870 | 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\20240624-177551.b\C304329.D				
Lims ID:	480-220956-B-5-A				
Client ID:	MW-22S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 10:59:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-007				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 11:37:46	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 11:37:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	17590	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	55153	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	26220	0.2000	
* 17 Phenanthrene-d10	188	8.052	8.042	0.010	100	45423	0.2000	
* 25 Chrysene-d12	240	10.556	10.556	0.000	99	24015	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	29072	0.2000	

QC Flag Legend

Processing Flags

Reagents:

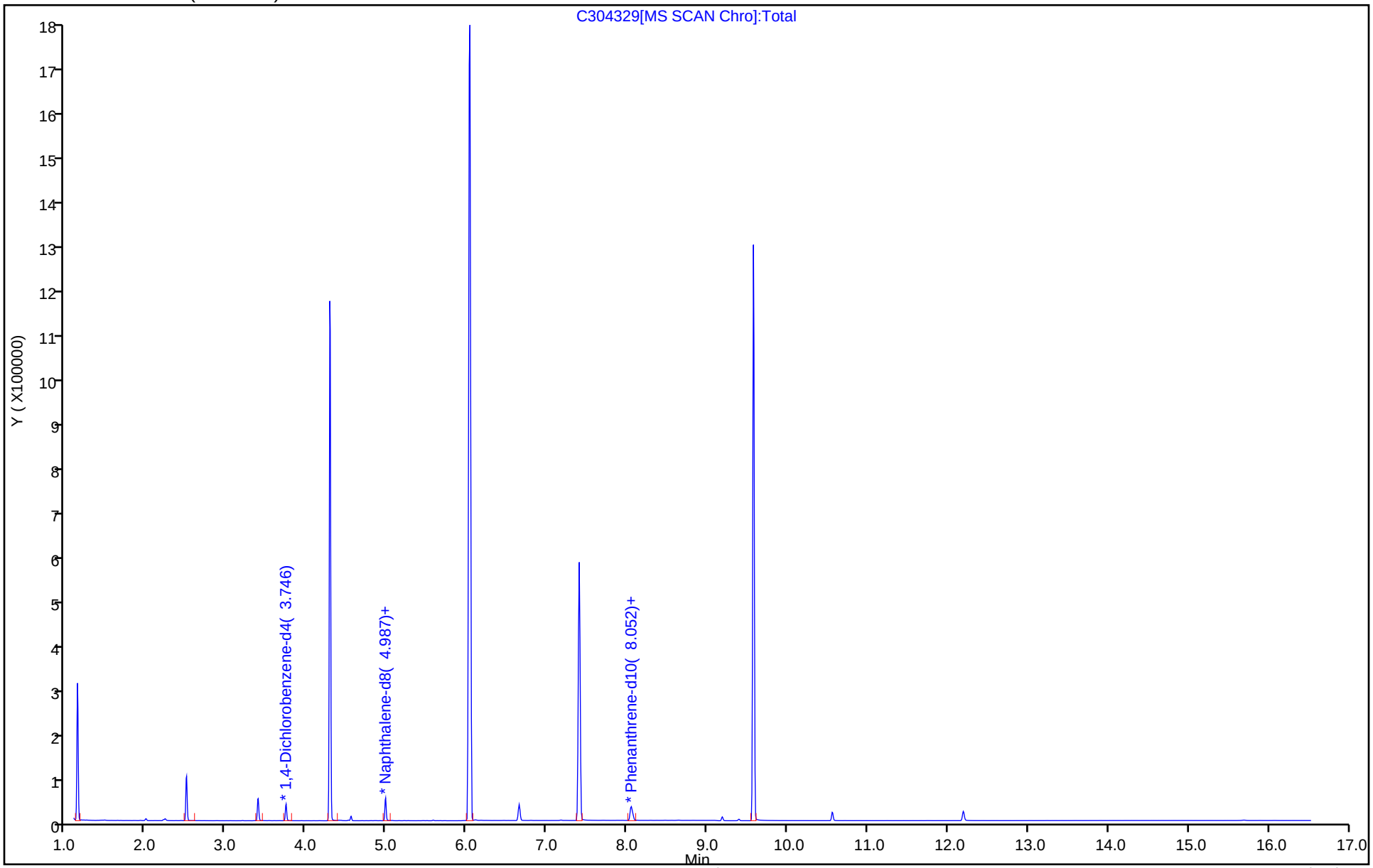
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 11:37:55 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304329.D				
Injection Date:	24-Jun-2024 10:59:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-5-A	Lab Sample ID:	460-220956-5	Worklist Smp#:	7
Client ID:	MW-22S_20240618				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304329.D				
Lims ID:	480-220956-B-5-A				
Client ID:	MW-22S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 10:59:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-007				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 11:37:46	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 11:37:55

Compound	Amount Added	Amount Recovered	% Rec.

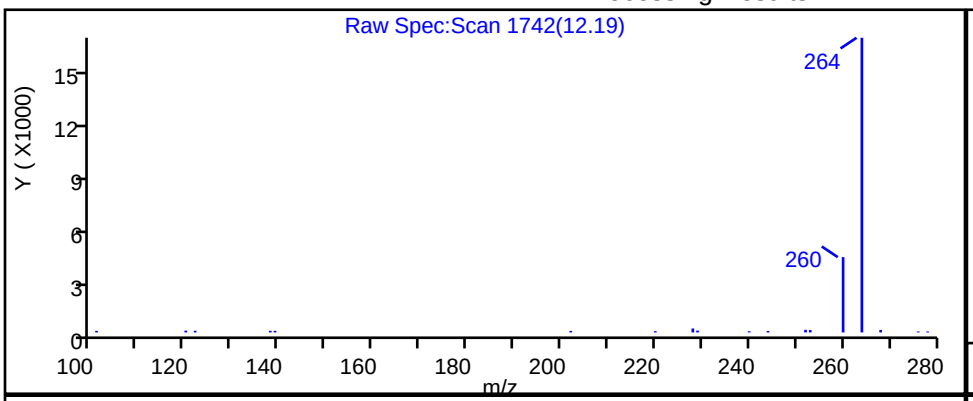
User Disabled Compound Report

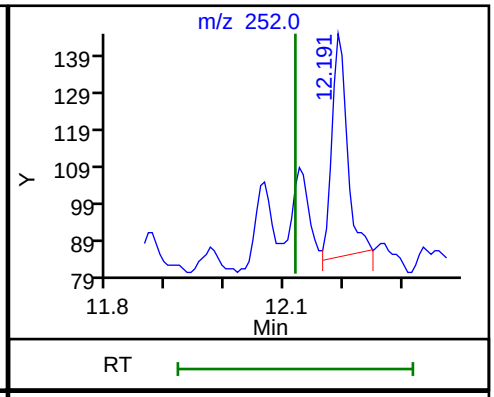
Eurofins Edison

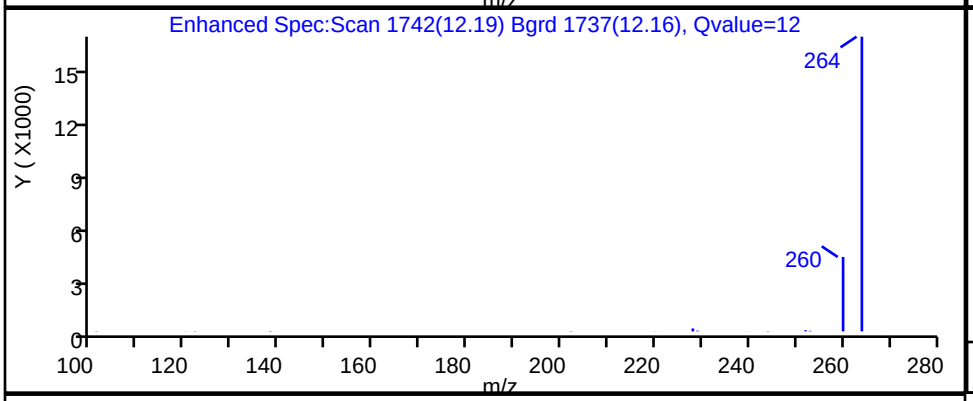
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304329.D				
Injection Date:	24-Jun-2024 10:59:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-5-A	Lab Sample ID:	460-220956-5		
Client ID:	MW-22S_20240618				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

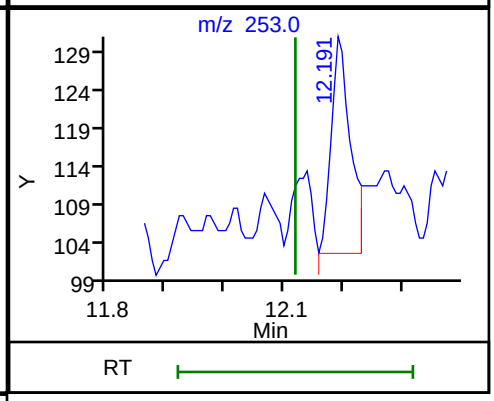
29 Benzo[a]pyrene, CAS: 50-32-8

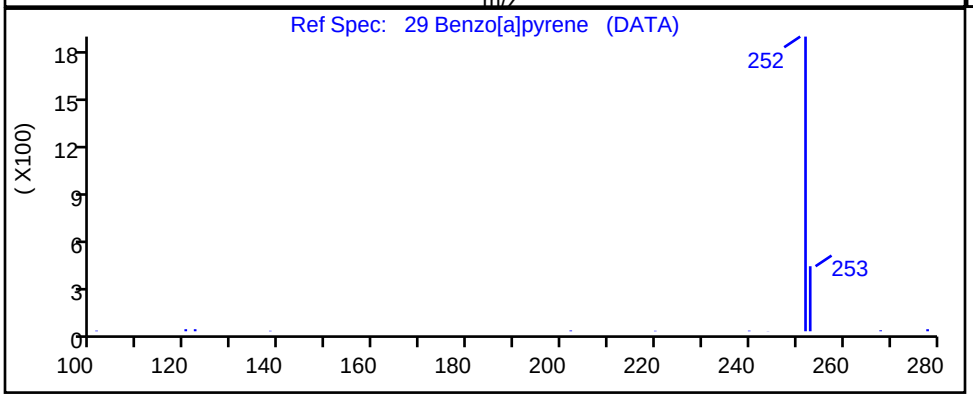
Processing Results











RT	Mass	Response	Amount
12.19	252.00	113	0.000708
12.19	253.00	66	

Reviewer: G4KC, 24-Jun-2024 11:37:41 -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.: 480-220956-1

SDG No.:

Client Sample ID: MW-23S_20240618 | Lab Sample ID: 480-220956-6

Matrix: Water | Lab File ID: C304336.D

Analysis Method: 8270E SIM | Date Collected: 06/18/2024 09:20

Extract. Method: 3510C | Date Extracted: 06/24/2024 07:55

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2024 13:26

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.: 981870 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.11		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	0.020	J *1	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\20240624-177551.b\C304336.D
Lims ID: 480-220956-B-6-A
Client ID: MW-23S_20240618
Sample Type: Client
Inject. Date: 24-Jun-2024 13:26:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-014
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 14:06:00 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 14:06:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	14857	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	47226	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	93	24555	0.2000	
* 17 Phenanthrene-d10	188	8.043	8.042	0.001	97	40003	0.2000	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	94	1910	0.0139	
* 25 Chrysene-d12	240	10.557	10.556	0.000	99	20252	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	20656	0.2000	
32 Dibenz(a,h)anthracene	278	13.608	13.602	0.007	46	402	0.002511	

QC Flag Legend
Processing Flags

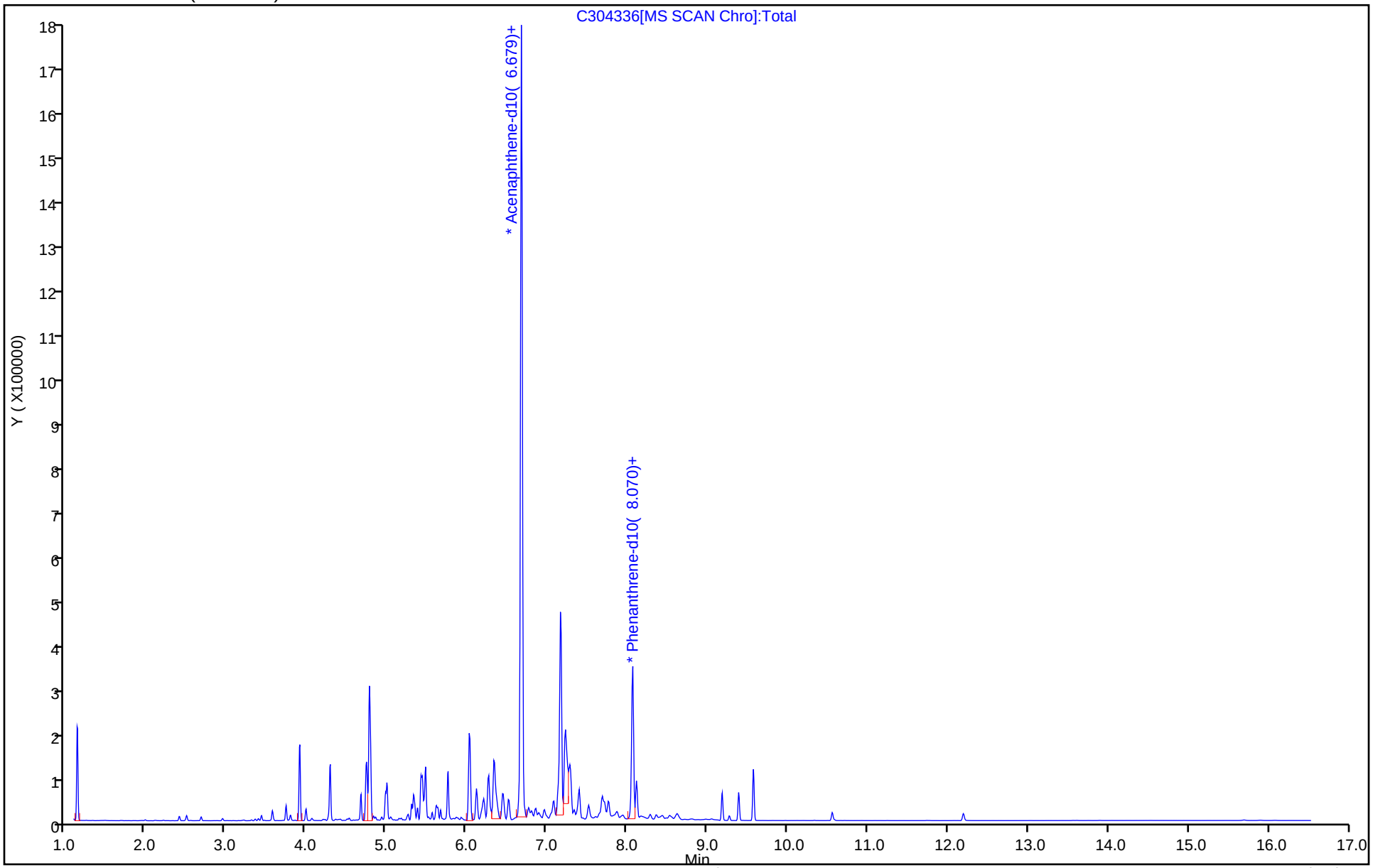
Reagents:
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 14:06:00 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6	Worklist Smp#:	14
Client ID:	MW-23S_20240618				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Lims ID:	480-220956-B-6-A				
Client ID:	MW-23S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 13:26:30	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-014				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 14:06:00	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 14:06:00

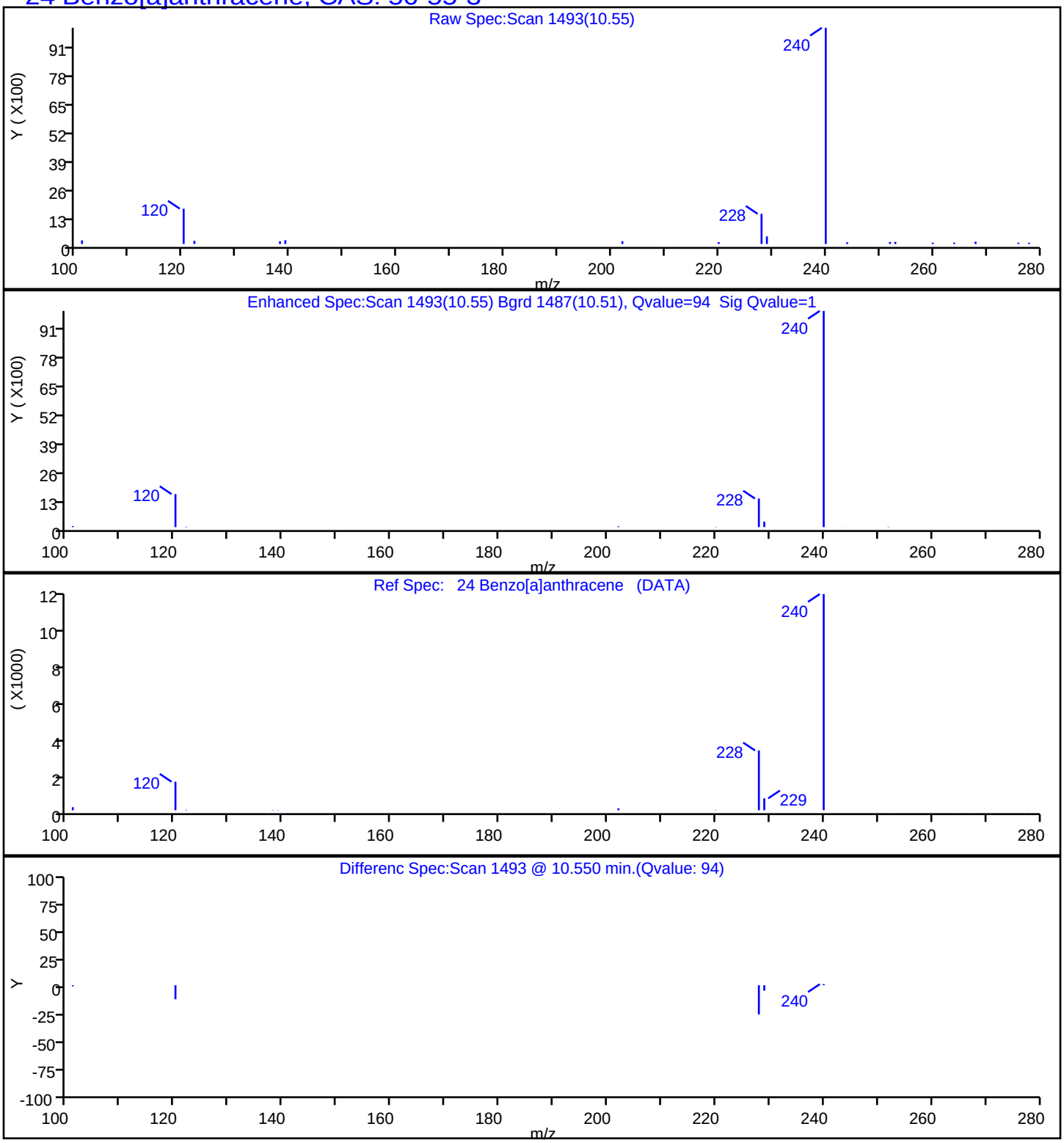
Compound	Amount Added	Amount Recovered	% Rec.

Report Date: 24-Jun-2024 14:06:00 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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

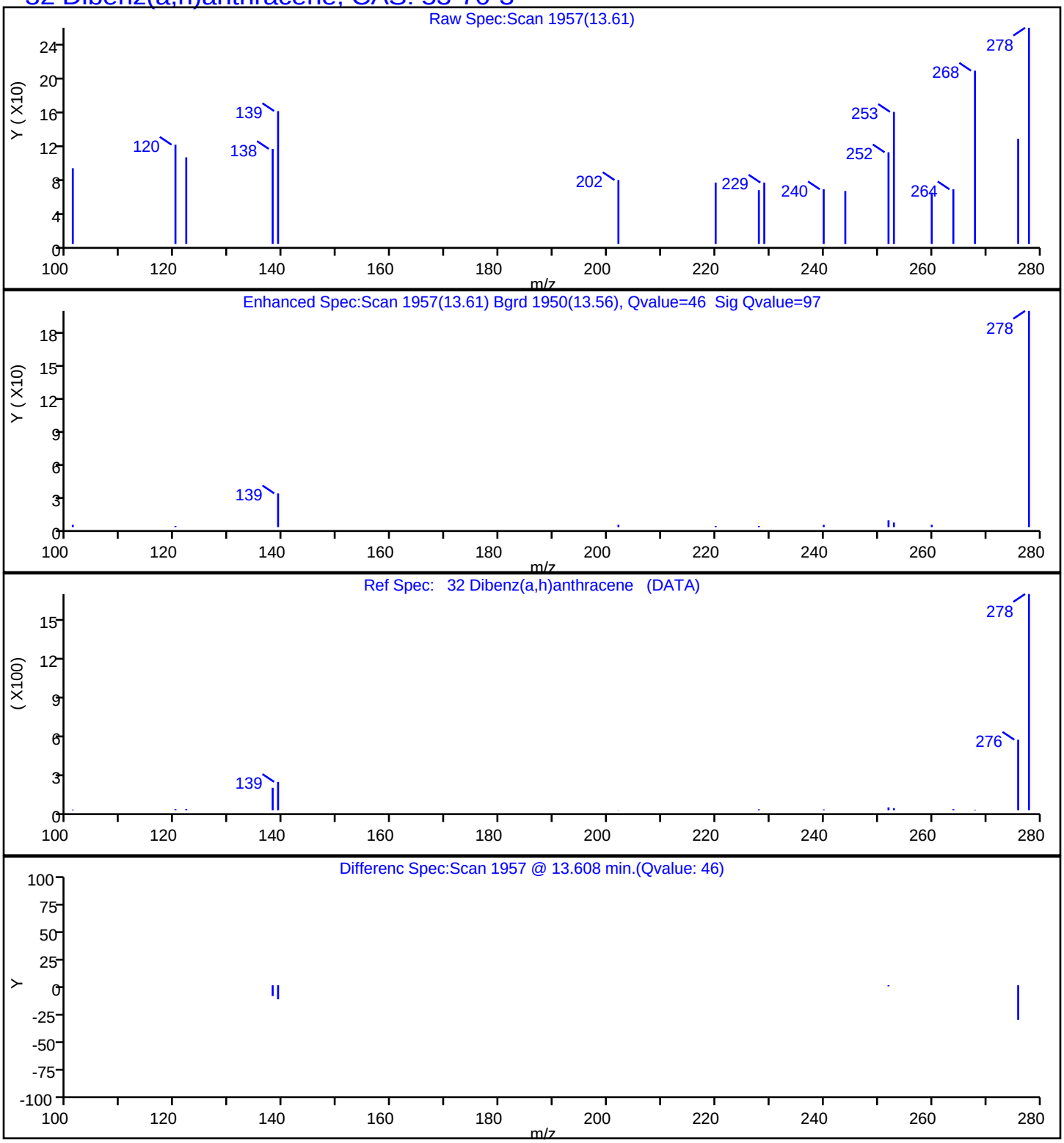


Report Date: 24-Jun-2024 14:06:00 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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



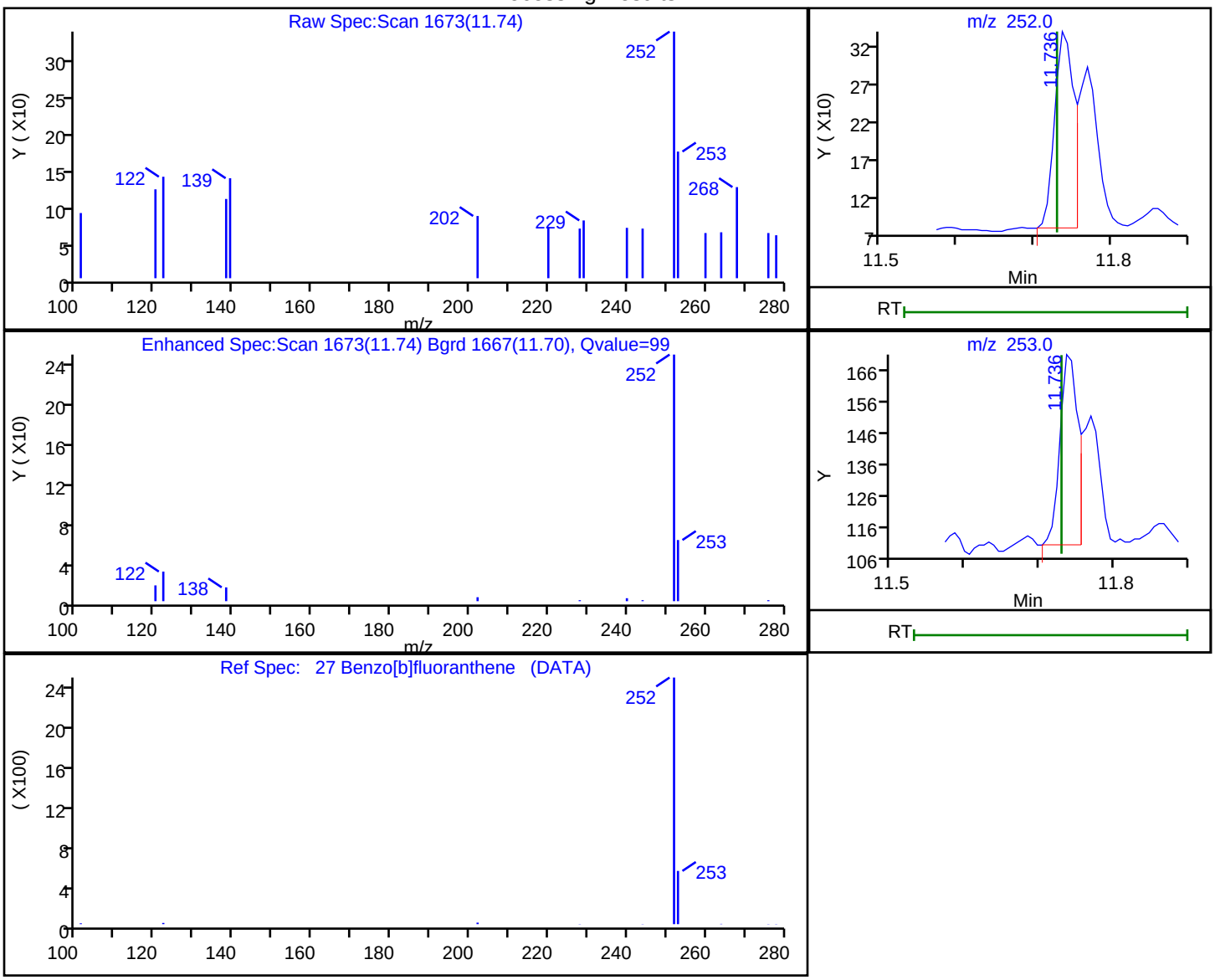
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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

Processing Results



RT	Mass	Response	Amount
11.74	252.00	454	0.002740
11.74	253.00	108	

Reviewer: G4KC, 24-Jun-2024 14:05:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

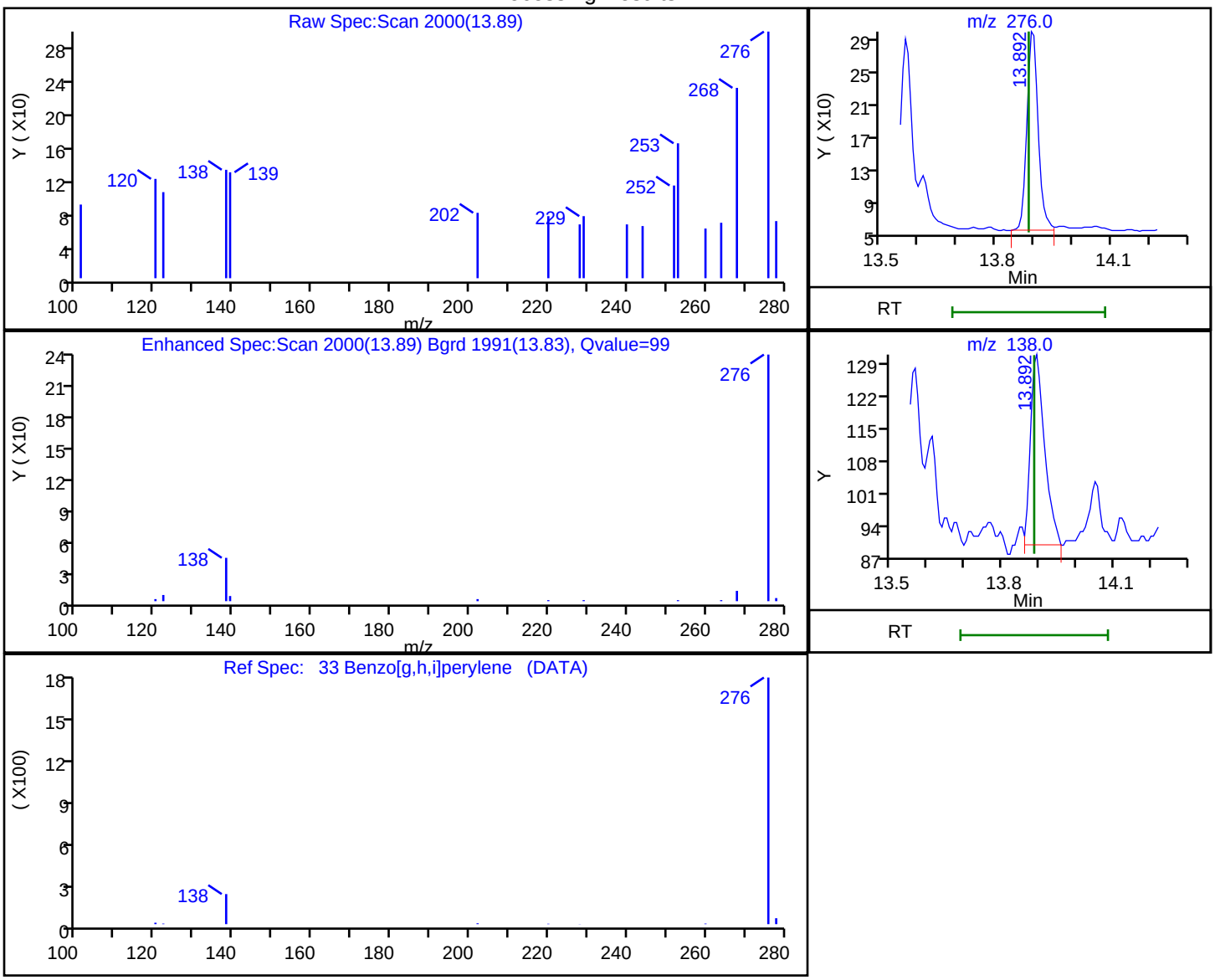
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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

Processing Results



RT	Mass	Response	Amount
13.89	276.00	494	0.002877
13.89	138.00	112	

Reviewer: G4KC, 24-Jun-2024 14:05:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

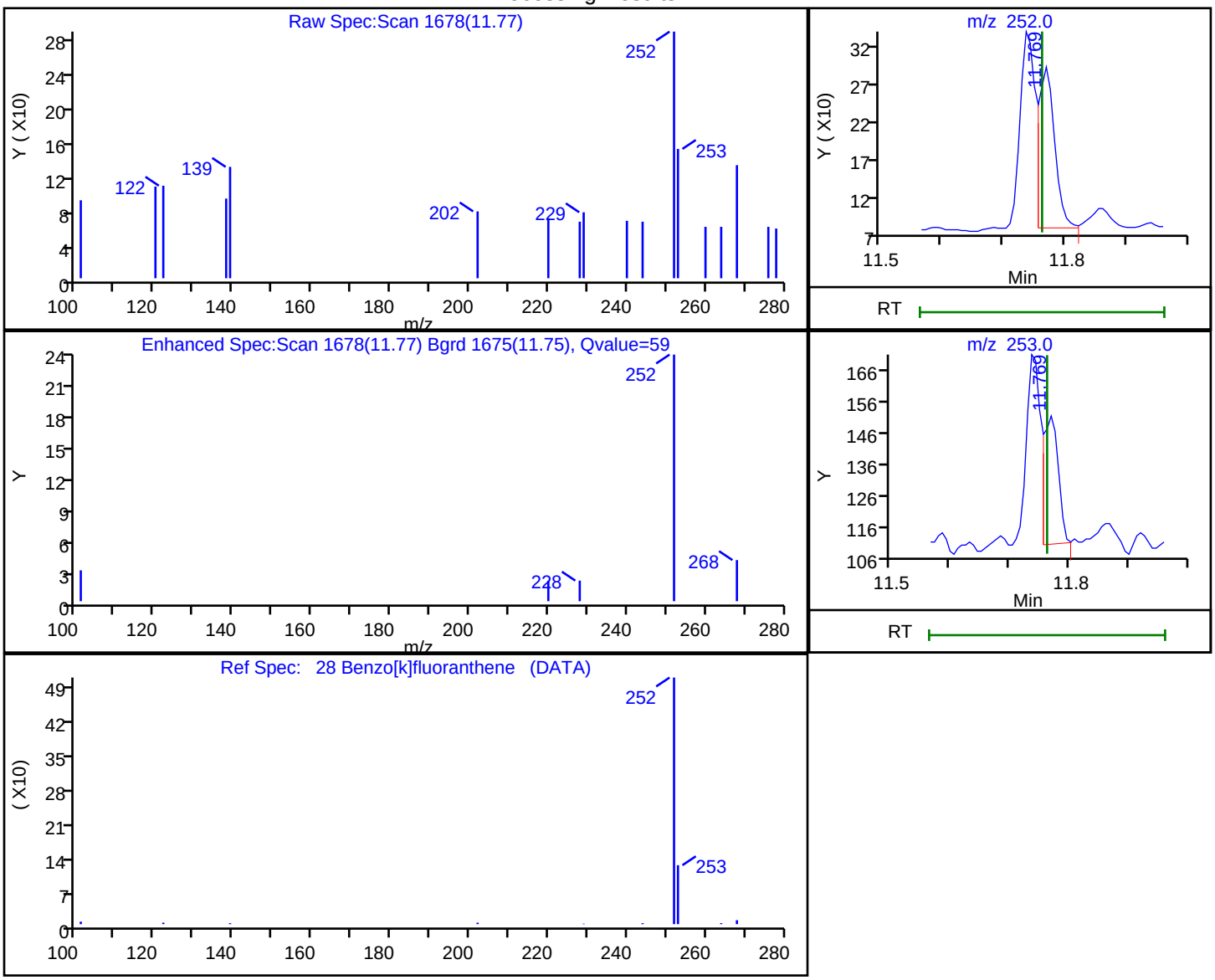
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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

Processing Results



RT	Mass	Response	Amount
11.77	252.00	376	0.002149
11.77	253.00	73	

Reviewer: G4KC, 24-Jun-2024 14:05:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

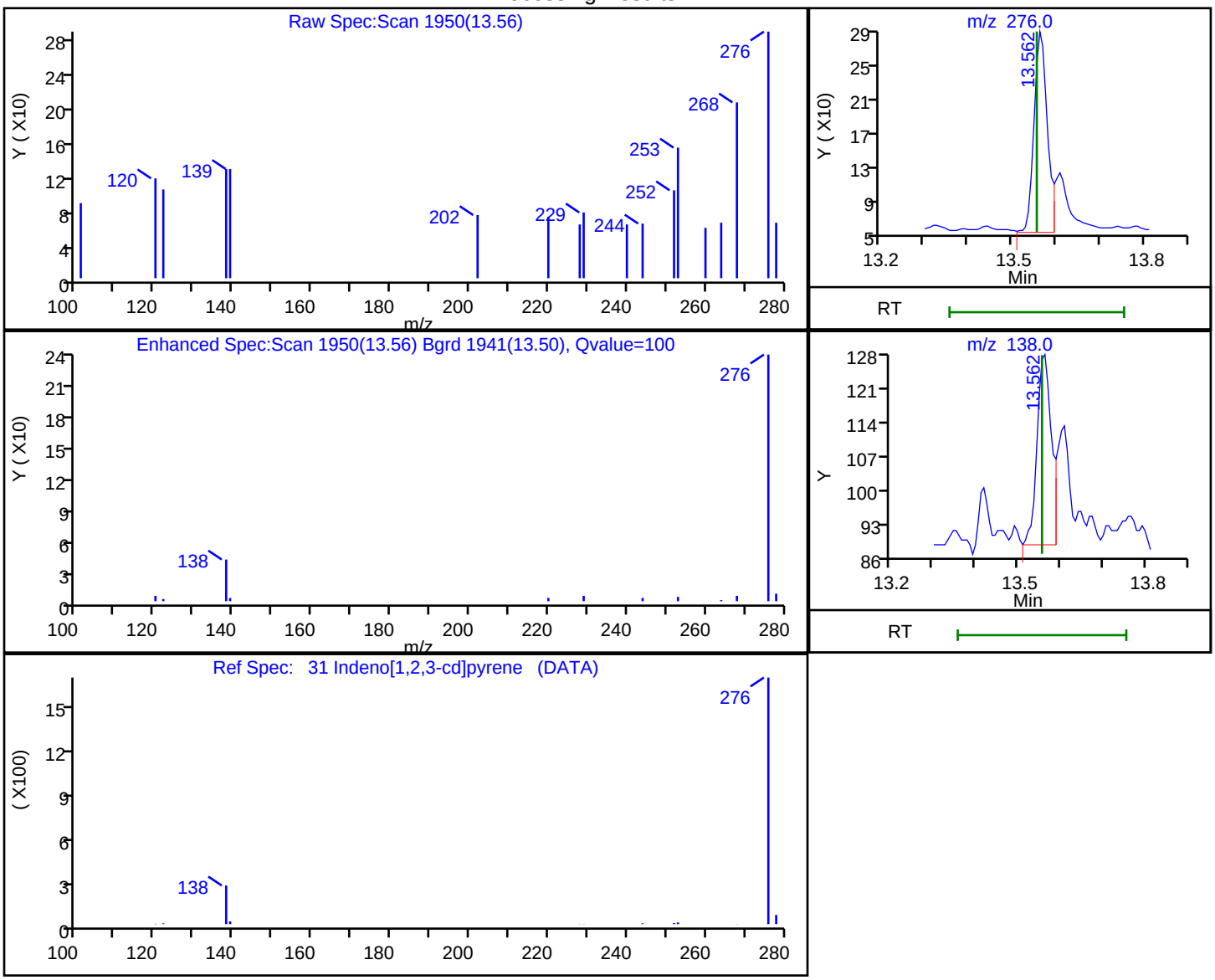
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304336.D				
Injection Date:	24-Jun-2024 13:26:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-6-A	Lab Sample ID:	460-220956-6		
Client ID:	MW-23S_20240618				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
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

Processing Results



RT	Mass	Response	Amount
13.56	276.00	491	0.003111
13.56	138.00	97	

Reviewer: G4KC, 24-Jun-2024 14:05:53 -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.: 480-220956-1

SDG No.:

Client Sample ID: MW-46S_20240618 | Lab Sample ID: 480-220956-7

Matrix: Water | Lab File ID: C304346.D

Analysis Method: 8270E SIM | Date Collected: 06/18/2024 13:20

Extract. Method: 3510C | Date Extracted: 06/24/2024 07:55

Sample wt/vol: 250(mL) | Date Analyzed: 06/24/2024 20:36

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.: 981870 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.69		0.050	0.016
50-32-8	Benzo[a]pyrene	0.72		0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.41		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.26		0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.18		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.066	*1	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.23		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D
Lims ID: 480-220956-B-7-A
Client ID: MW-46S_20240618
Sample Type: Client
Inject. Date: 24-Jun-2024 20:36:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-024
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 25-Jun-2024 12:40:19 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: V5XH Date: 25-Jun-2024 12:40:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	98	12086	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	39193	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	95	19763	0.2000	
* 17 Phenanthrene-d10	188	8.043	8.042	0.001	99	33132	0.2000	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	79	10533	0.0860	
* 25 Chrysene-d12	240	10.556	10.556	0.000	95	18058	0.2000	
27 Benzo[b]fluoranthene	252	11.736	11.736	0.007	100	7367	0.0513	M
28 Benzo[k]fluoranthene	252	11.756	11.756	-0.006	1	3373	0.0223	Ma
29 Benzo[a]pyrene	252	12.119	12.119	0.001	99	8855	0.0903	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	17883	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.556	13.556	0.001	90	3895	0.0285	M
32 Dibenz(a,h)anthracene	278	13.602	13.602	0.001	45	1152	0.008311	a
33 Benzo[g,h,i]perylene	276	13.885	13.885	0.000	98	4889	0.0329	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

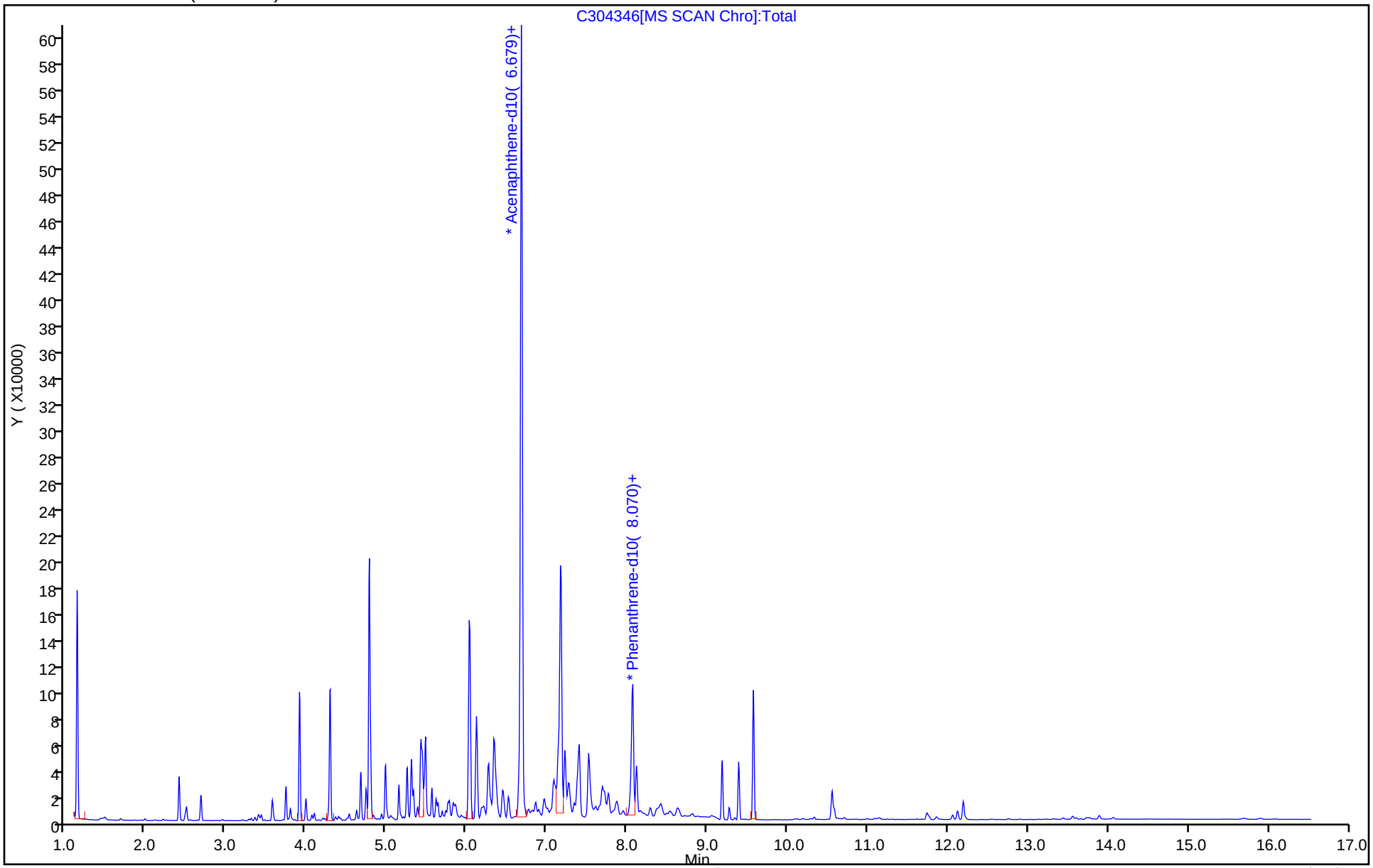
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7	Worklist Smp#:	24
Client ID:	MW-46S_20240618				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Lims ID:	480-220956-B-7-A				
Client ID:	MW-46S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 20:36:30	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-024				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	25-Jun-2024 12:40:19	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1679				

First Level Reviewer: V5XH Date: 25-Jun-2024 12:40:19

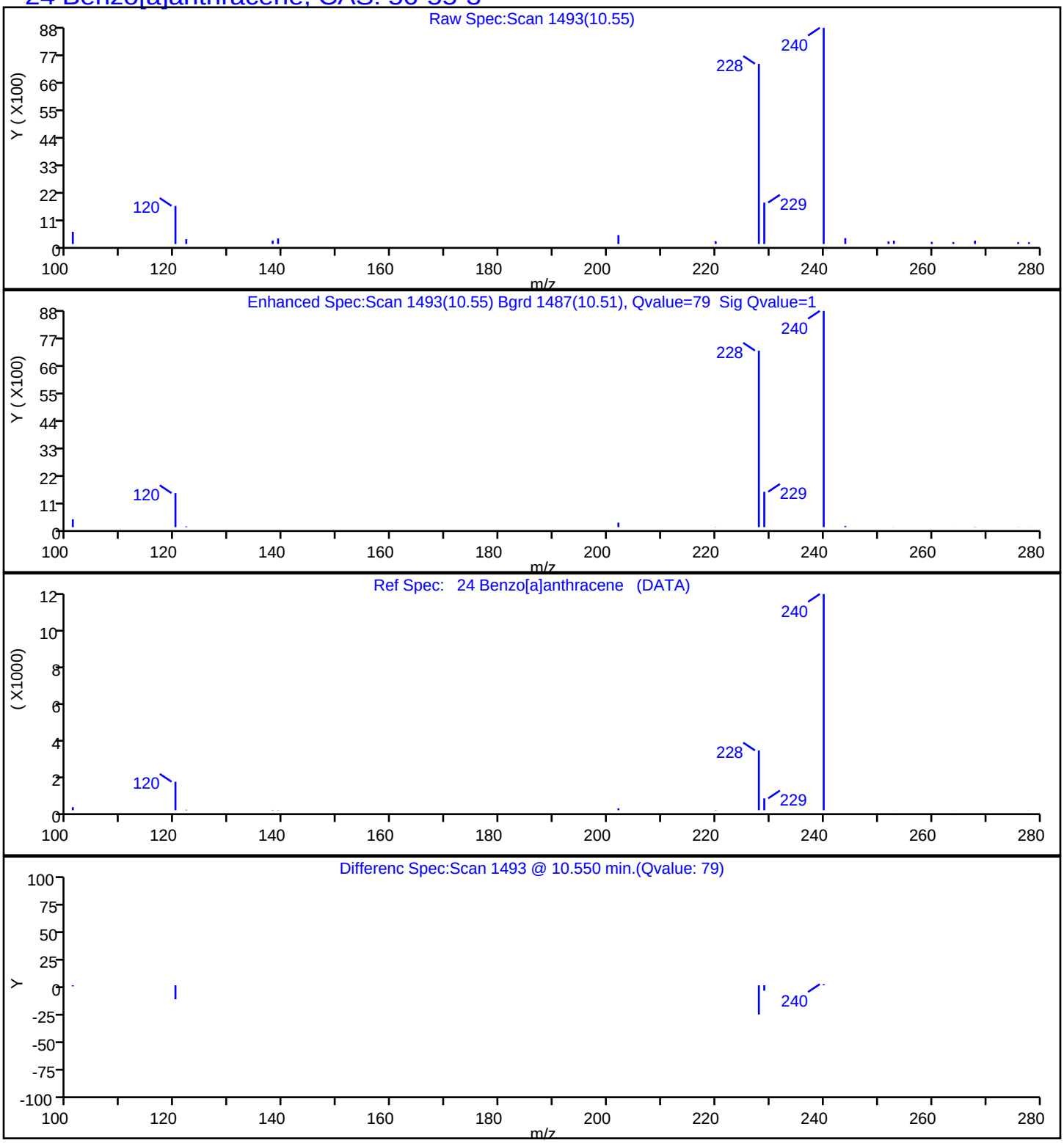
Compound	Amount Added	Amount Recovered	% Rec.

Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

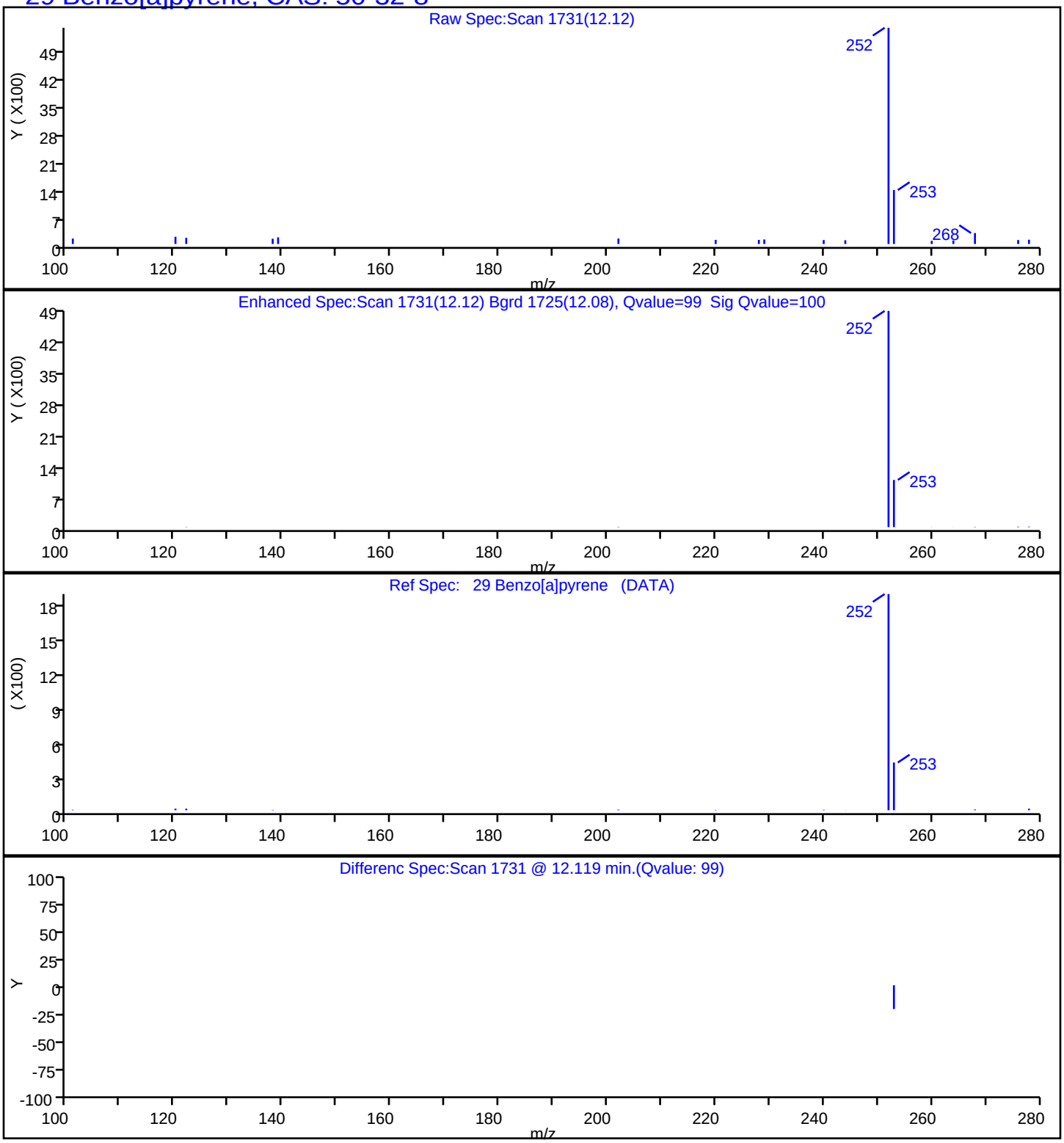


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

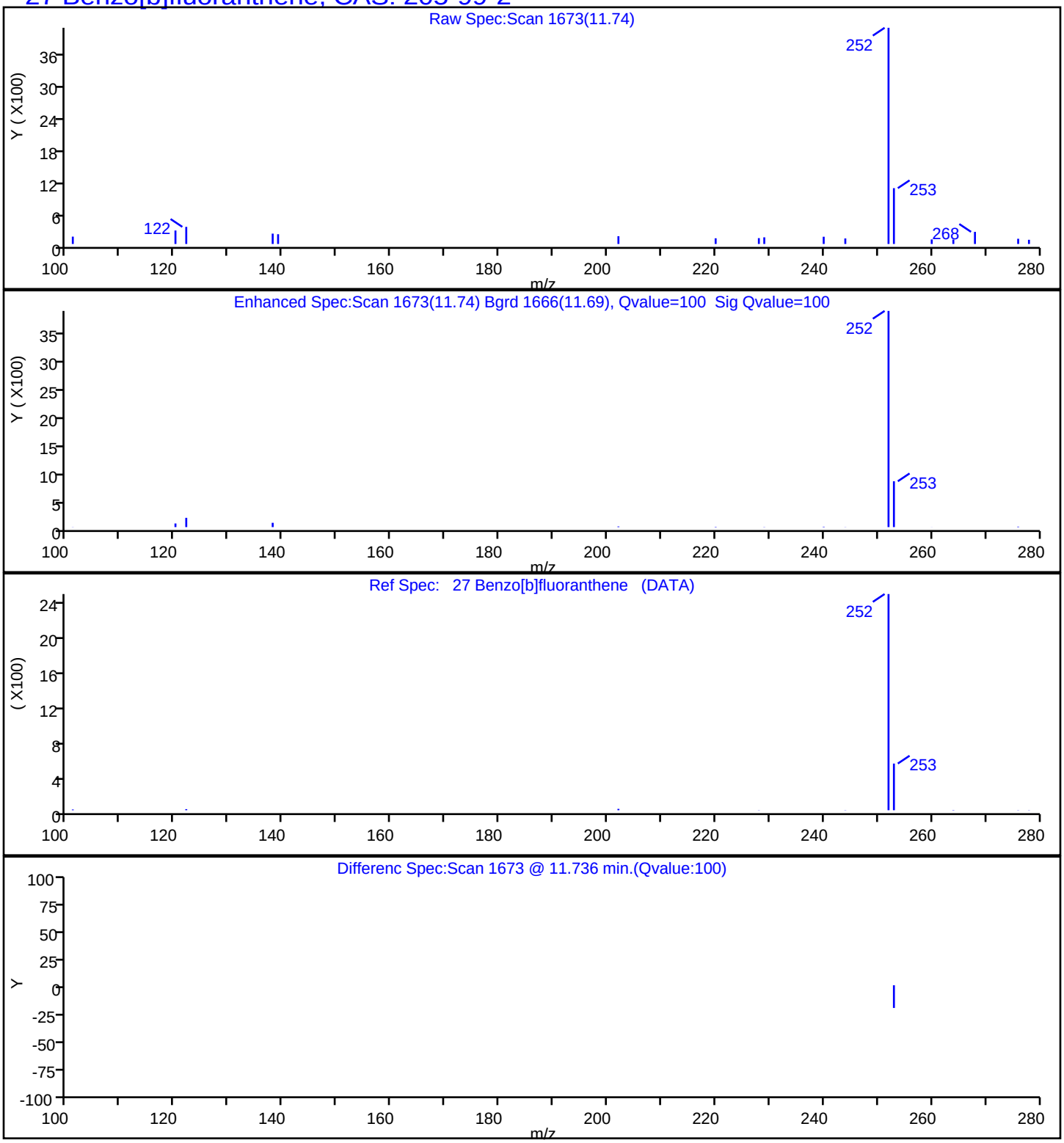


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

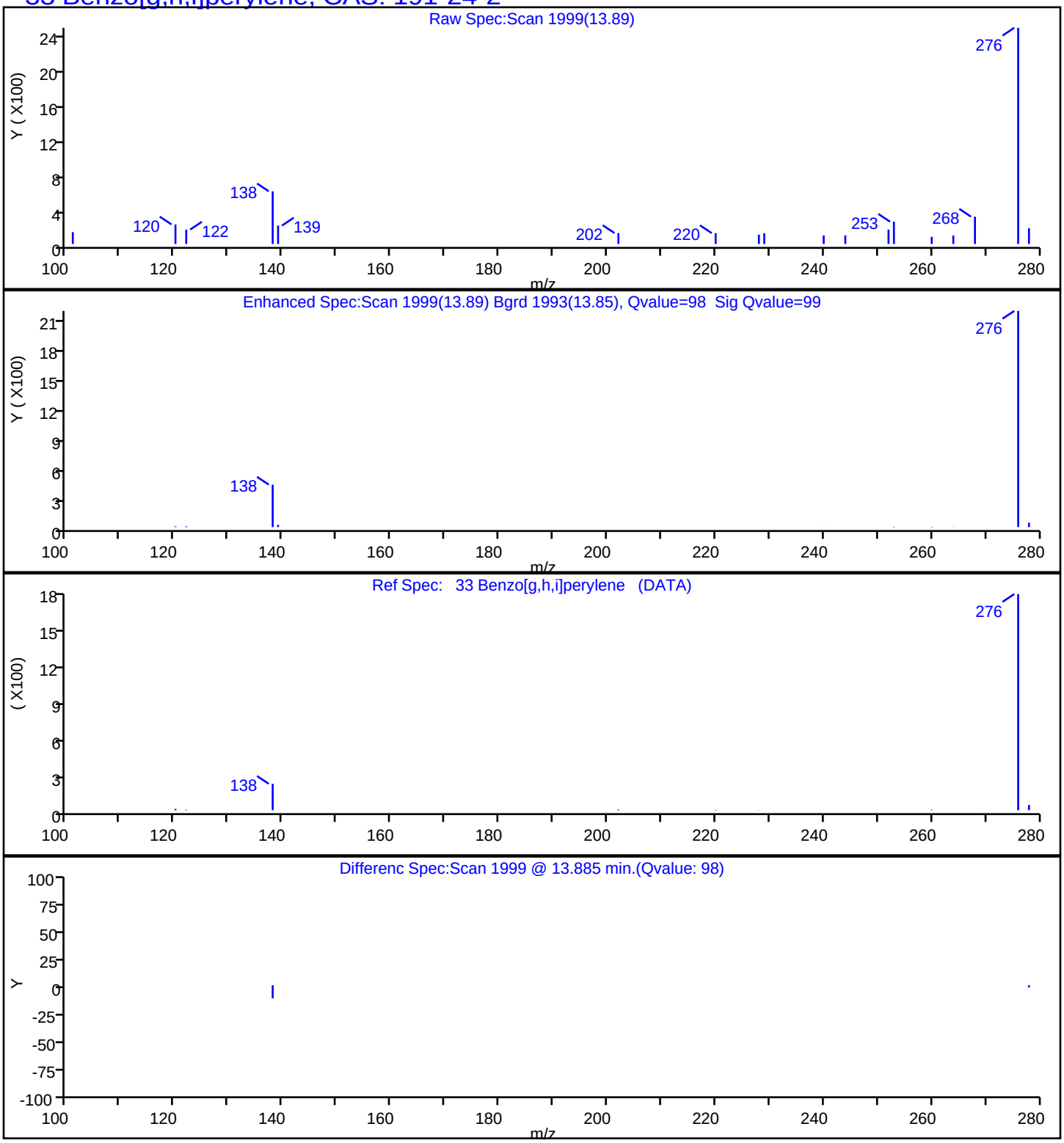


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

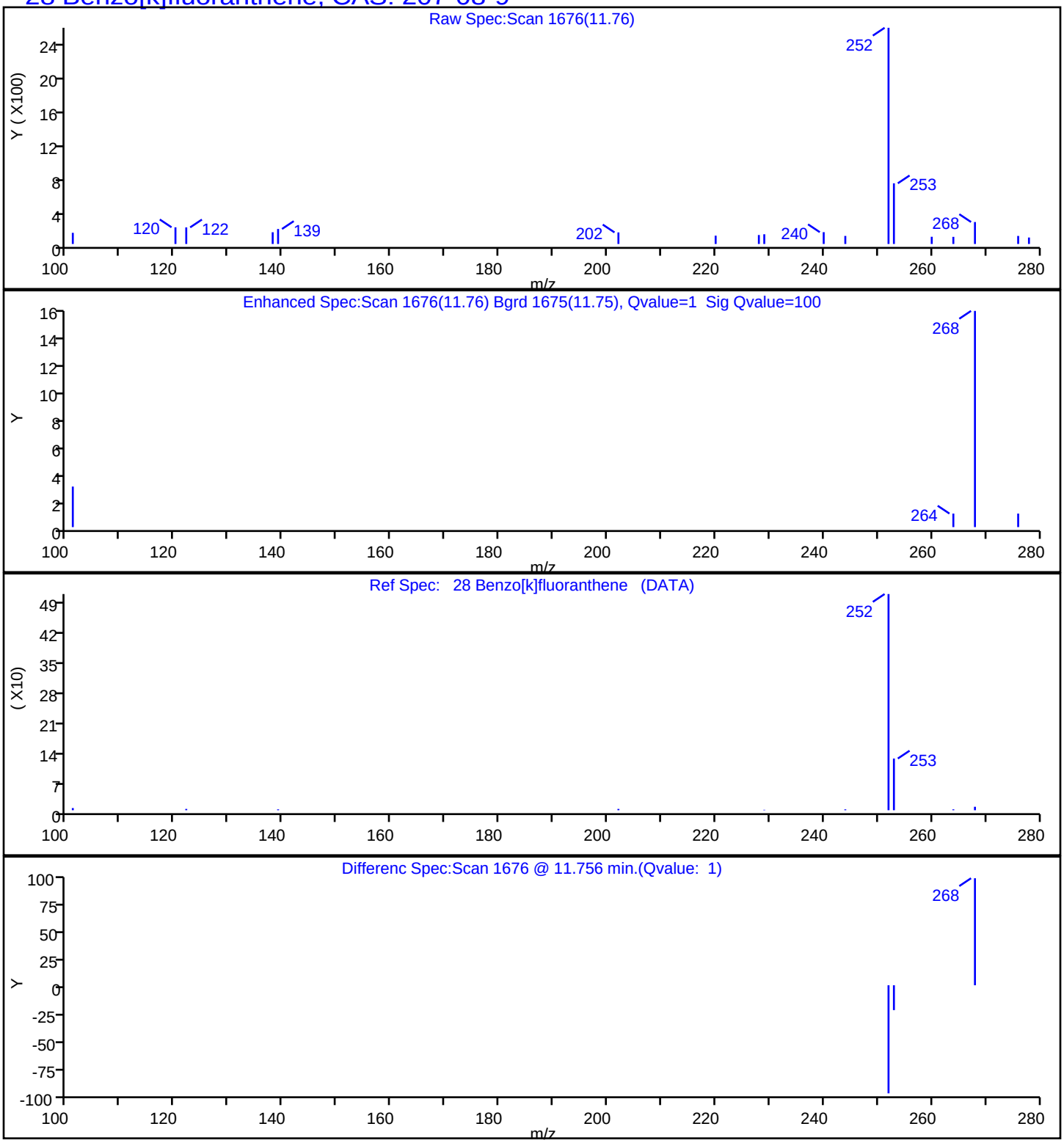


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

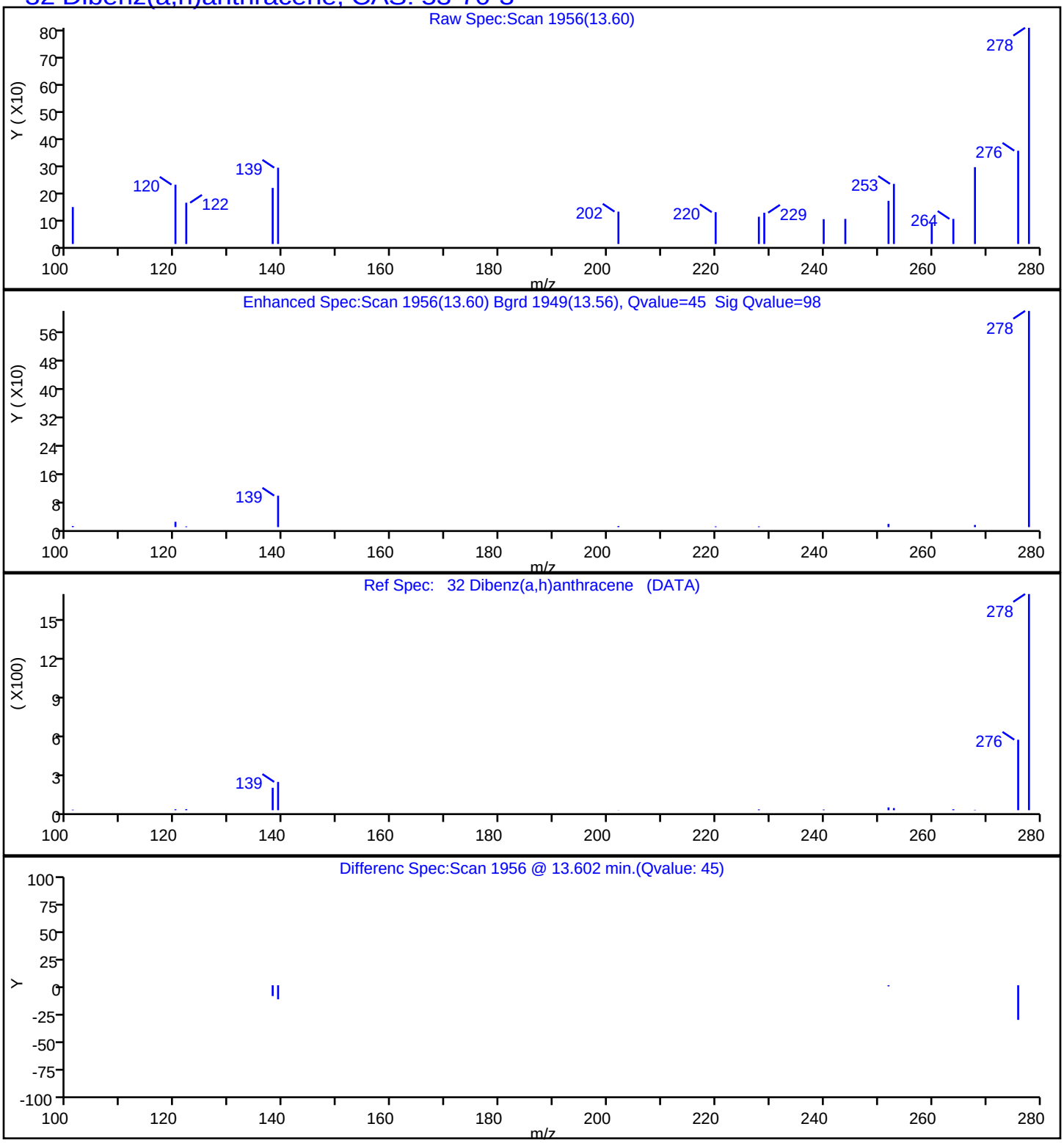


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

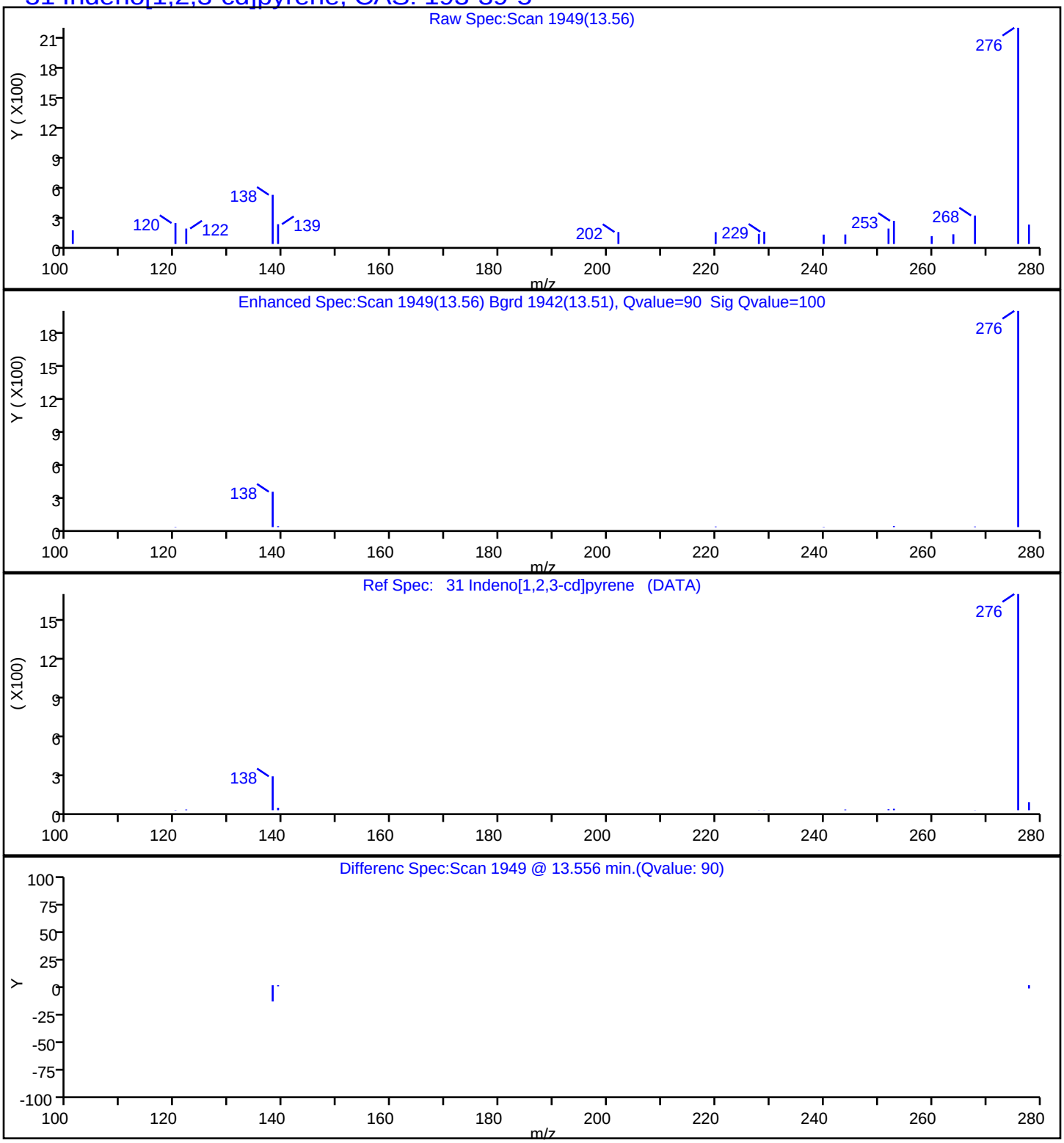


Report Date: 25-Jun-2024 12:40:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
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

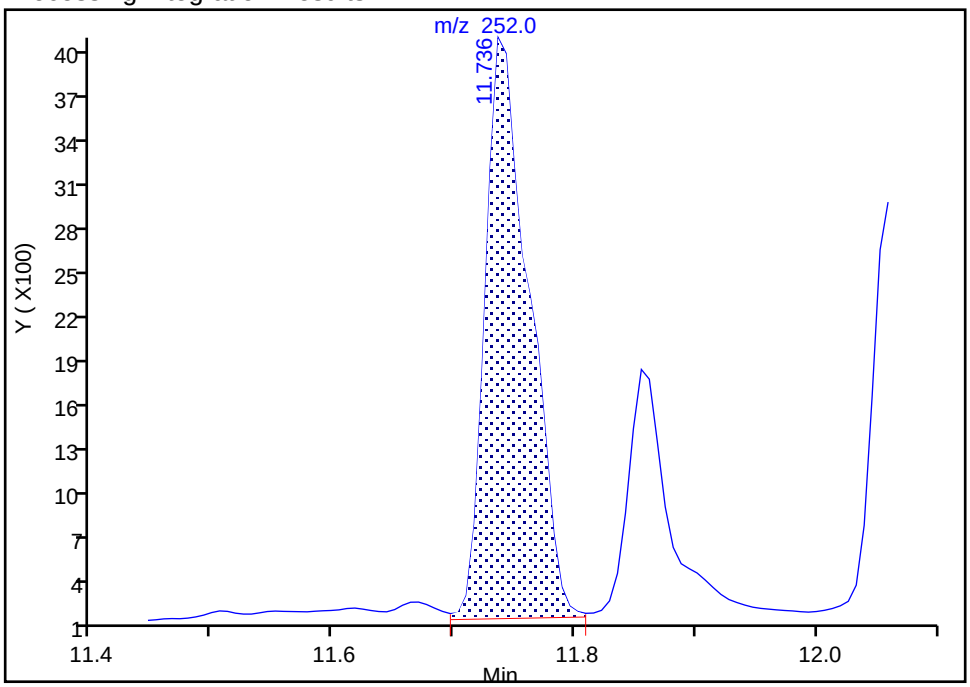
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. 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

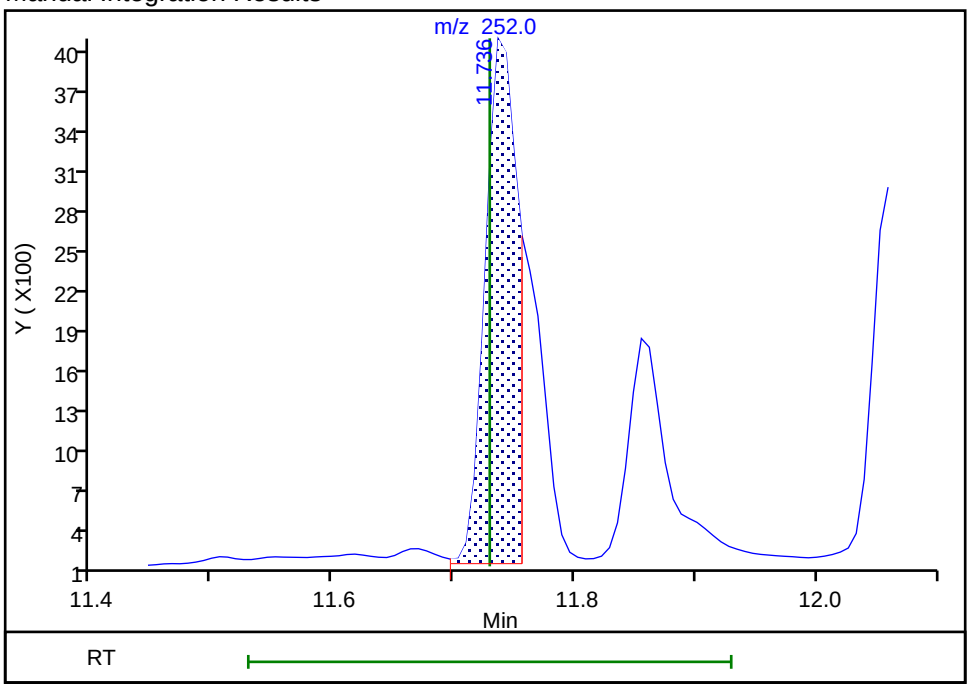
Processing Integration Results

RT: 11.74
Area: 9780
Amount: 0.068165
Amount Units: ug/ml



Manual Integration Results

RT: 11.74
Area: 7367
Amount: 0.051347
Amount Units: ug/ml



Reviewer: V5XH, 25-Jun-2024 12:39:36 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

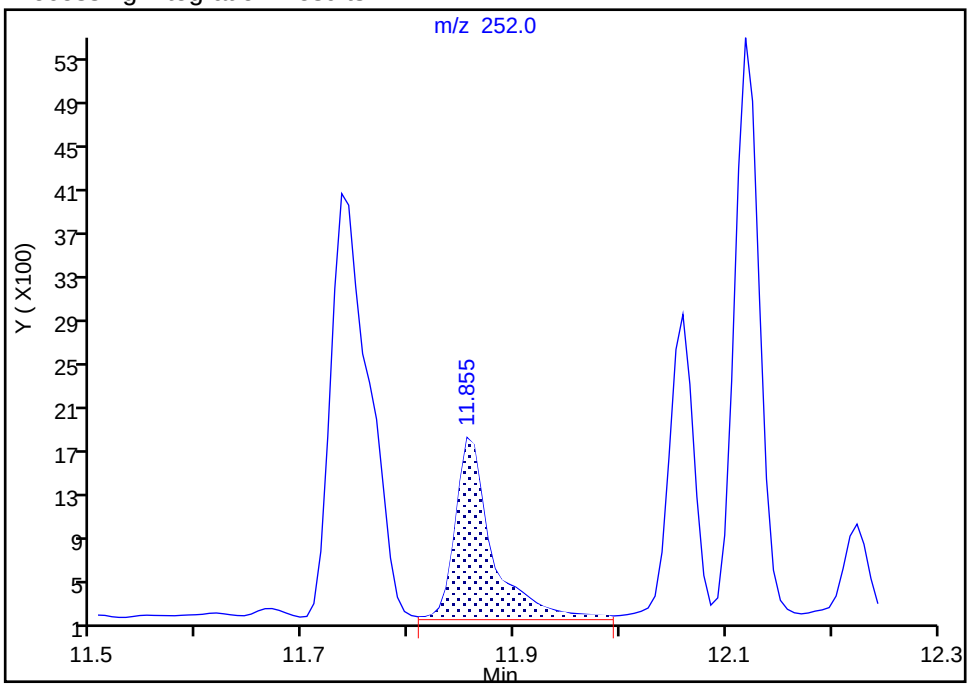
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. 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

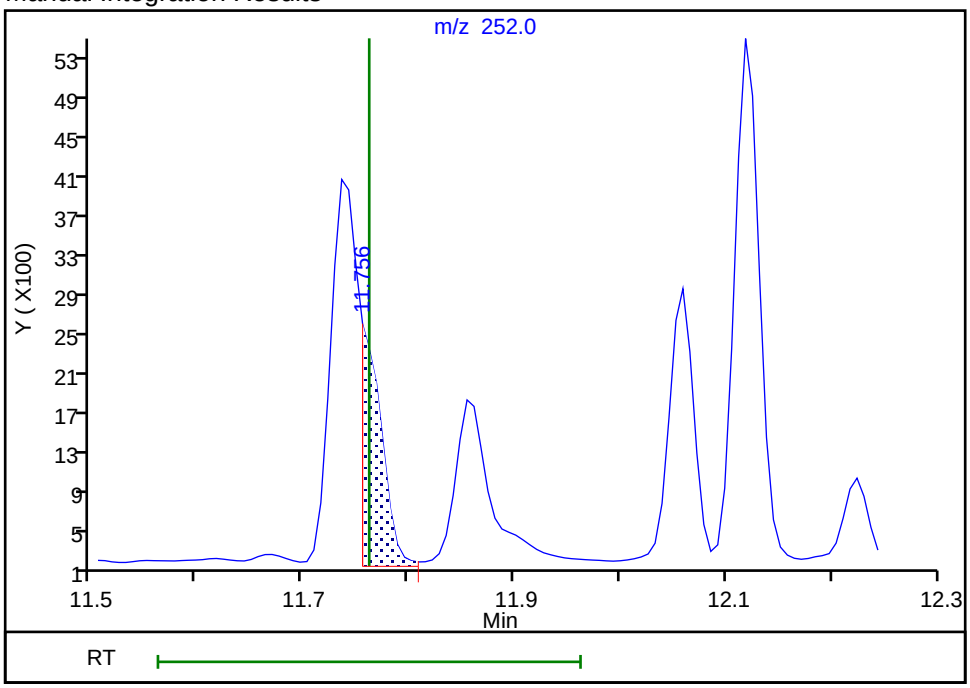
Processing Integration Results

RT: 11.85
Area: 4140
Amount: 0.027330
Amount Units: ug/ml



Manual Integration Results

RT: 11.76
Area: 3373
Amount: 0.022266
Amount Units: ug/ml



Reviewer: V5XH, 25-Jun-2024 12:39:28 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

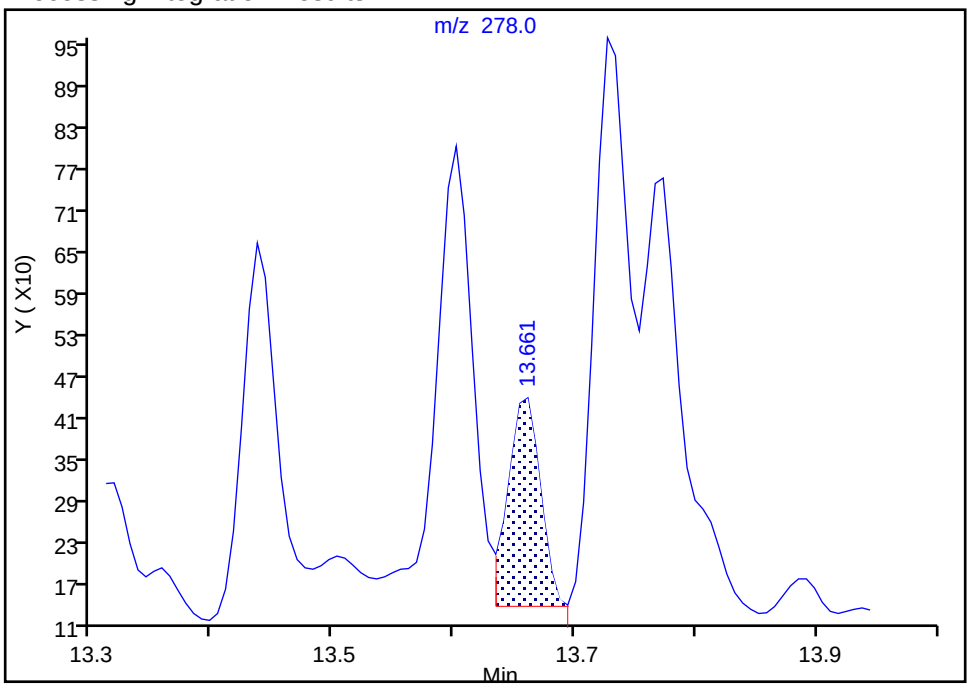
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. 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

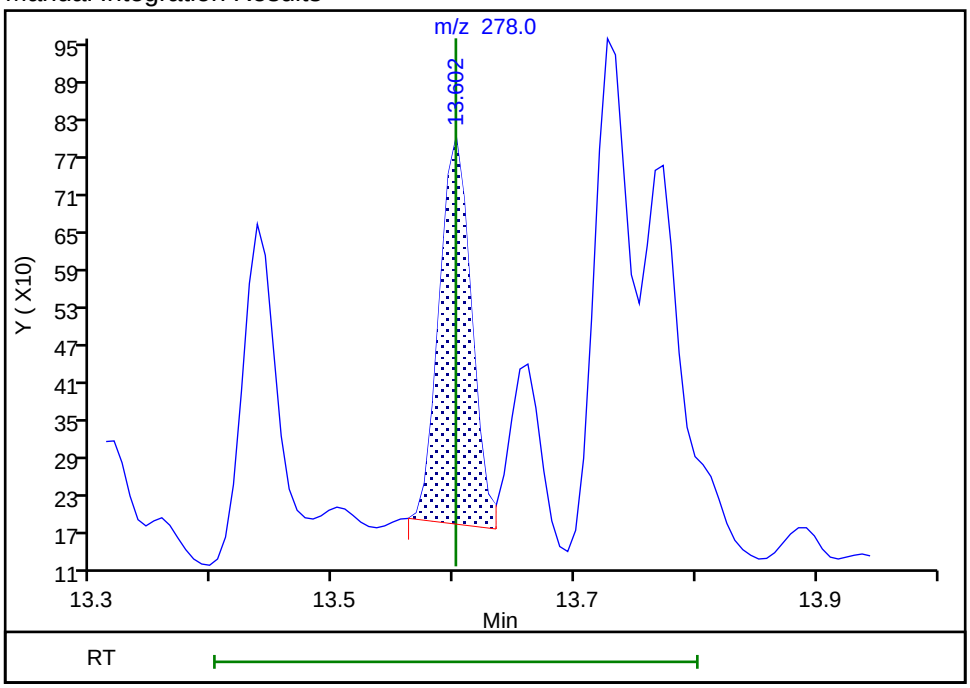
Processing Integration Results

RT: 13.66
Area: 561
Amount: 0.004047
Amount Units: ug/ml



Manual Integration Results

RT: 13.60
Area: 1152
Amount: 0.008311
Amount Units: ug/ml



Reviewer: V5XH, 25-Jun-2024 12:39:52 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

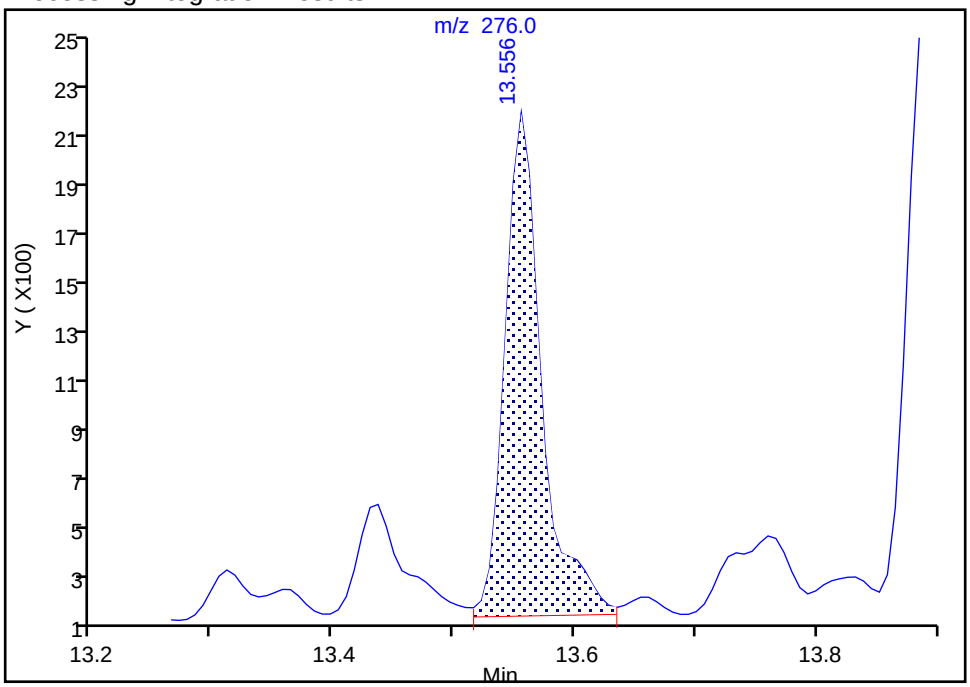
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304346.D				
Injection Date:	24-Jun-2024 20:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-7-A	Lab Sample ID:	460-220956-7		
Client ID:	MW-46S_20240618				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. 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

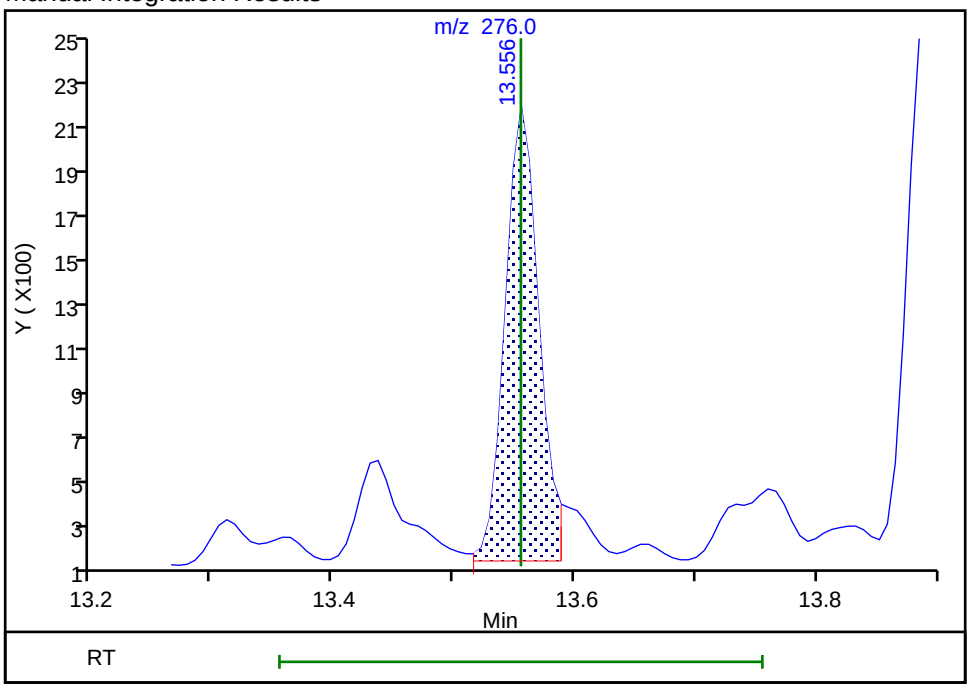
Processing Integration Results

RT: 13.56
Area: 4246
Amount: 0.031075
Amount Units: ug/ml



Manual Integration Results

RT: 13.56
Area: 3895
Amount: 0.028506
Amount Units: ug/ml



Reviewer: V5XH, 25-Jun-2024 12:40:05 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-48S_20240618
Lab Sample ID: 480-220956-8
Matrix: Water
Lab File ID: C304338.D
Analysis Method: 8270E SIM
Date Collected: 06/18/2024 10:40
Extract. Method: 3510C
Date Extracted: 06/24/2024 07:55
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 14:08
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.: 981870
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.053		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 *1	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\20240624-177551.b\C304338.D				
Lims ID:	480-220956-B-8-A				
Client ID:	MW-48S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 14:08:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-016				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 14:33:08	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 14:33:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	99	11844	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	46	38376	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	97	18670	0.2000	
* 17 Phenanthrene-d10	188	8.043	8.042	0.001	99	32397	0.2000	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	92	796	0.006664	
* 25 Chrysene-d12	240	10.556	10.556	0.000	99	17621	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	18720	0.2000	

QC Flag Legend

Processing Flags

Reagents:

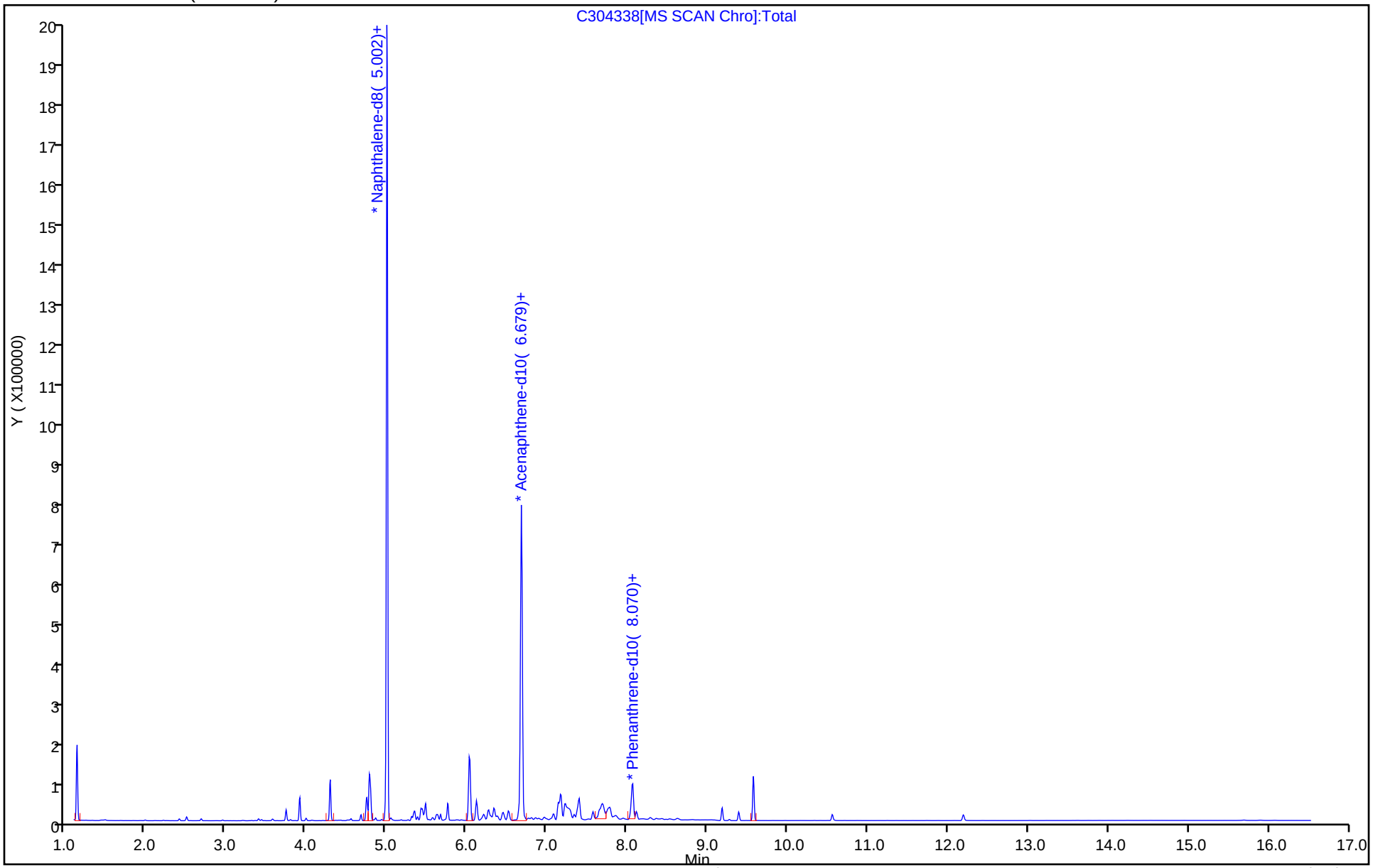
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 14:33:08 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8	Worklist Smp#:	16
Client ID:	MW-48S_20240618				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Lims ID:	480-220956-B-8-A				
Client ID:	MW-48S_20240618				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 14:08:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-016				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 14:33:08	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 14:33:08

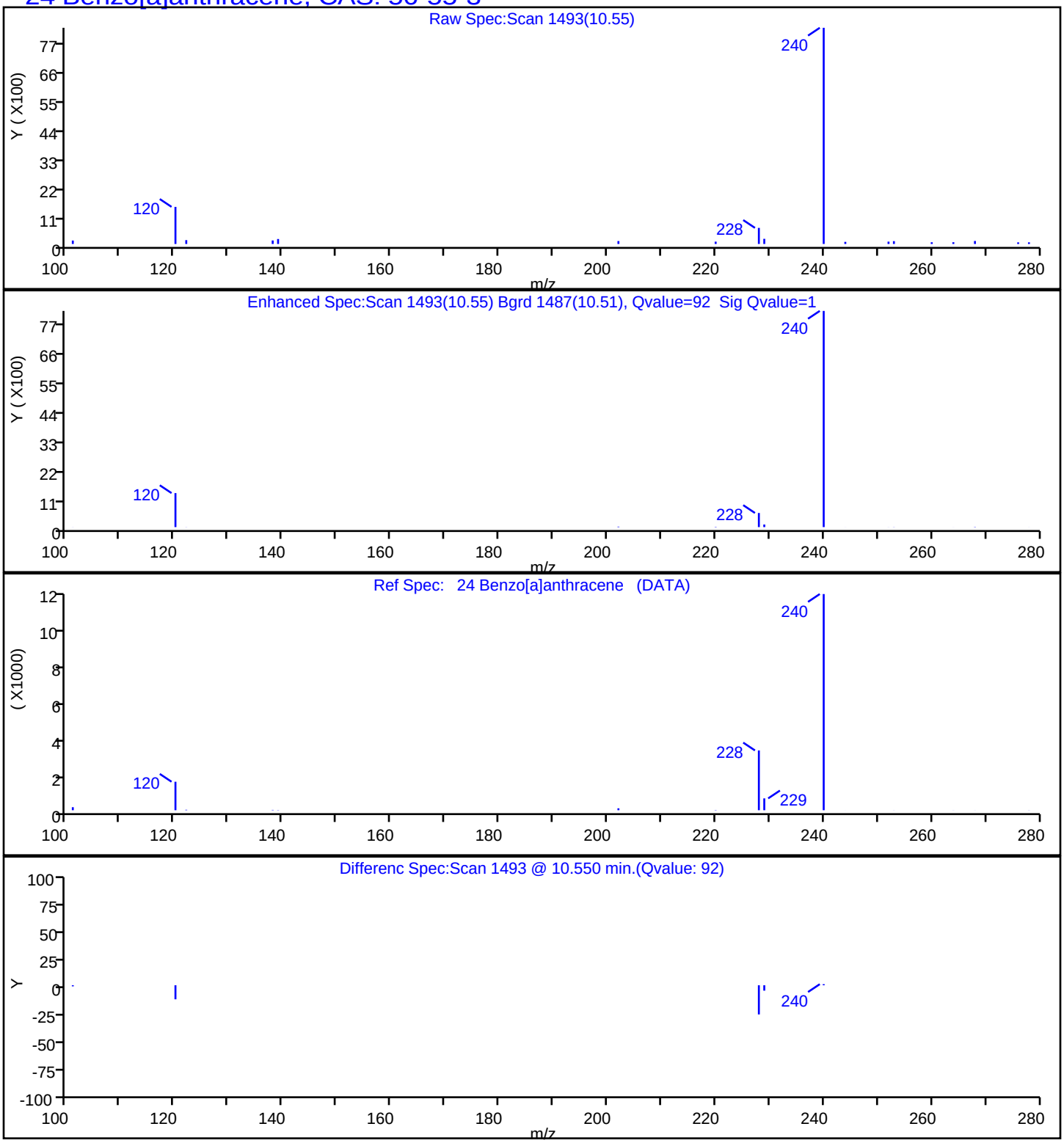
Compound	Amount Added	Amount Recovered	% Rec.

Report Date: 24-Jun-2024 14:33:08 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
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



Manual Integration/User Assign Peak Report

Eurofins Edison

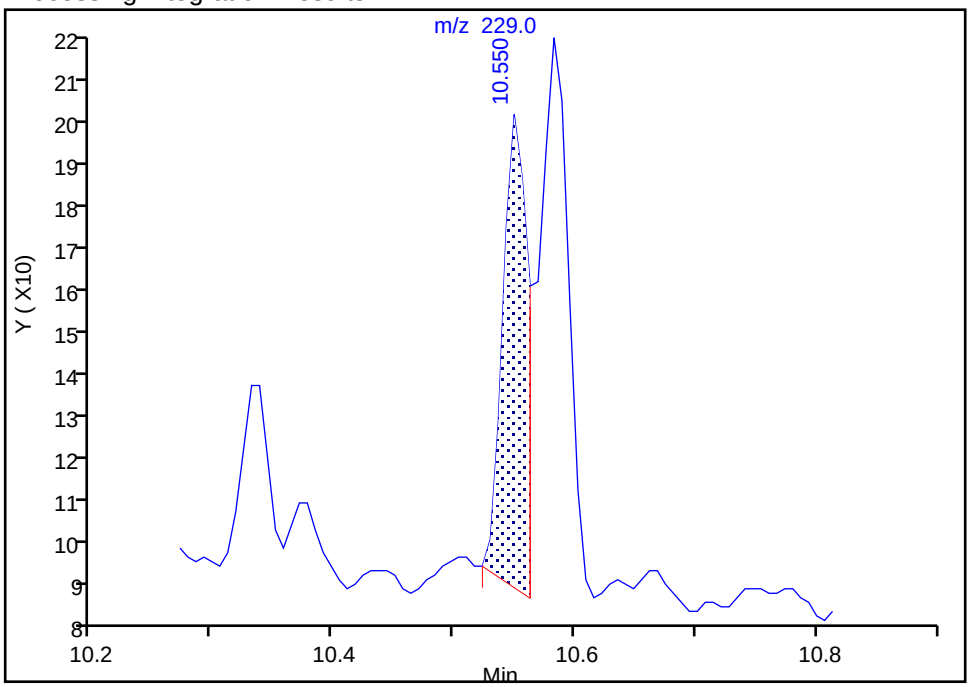
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. 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: 2

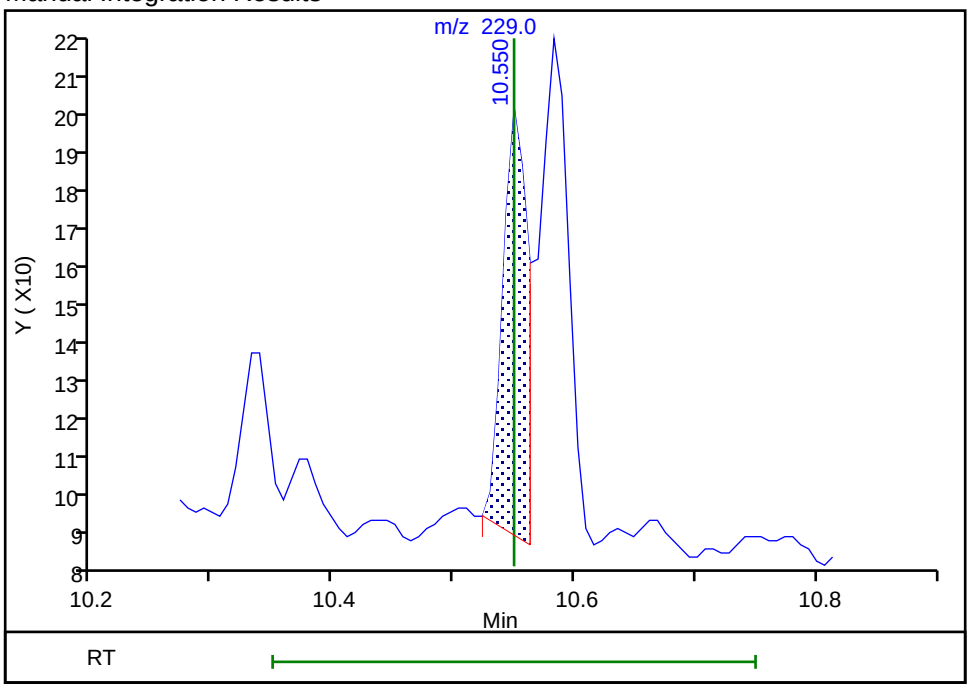
Processing Integration Results

RT: 10.55
Area: 152
Amount: 0.006664
Amount Units: ug/ml



Manual Integration Results

RT: 10.55
Area: 152
Amount: 0.006664
Amount Units: ug/ml



Reviewer: G4KC, 24-Jun-2024 14:32:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

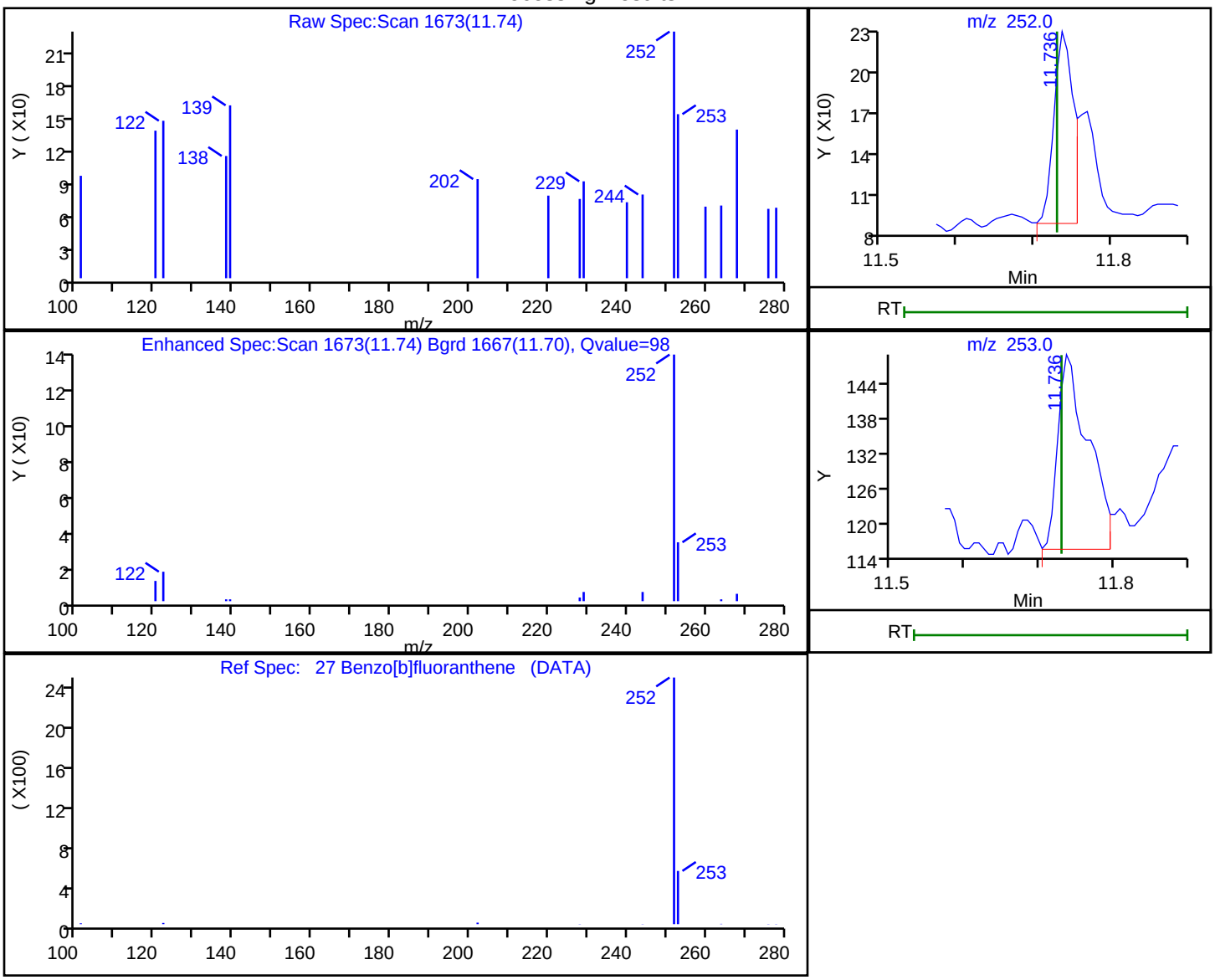
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
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

Processing Results



RT	Mass	Response	Amount
11.74	252.00	238	0.001585
11.74	253.00	97	

Reviewer: G4KC, 24-Jun-2024 14:33:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

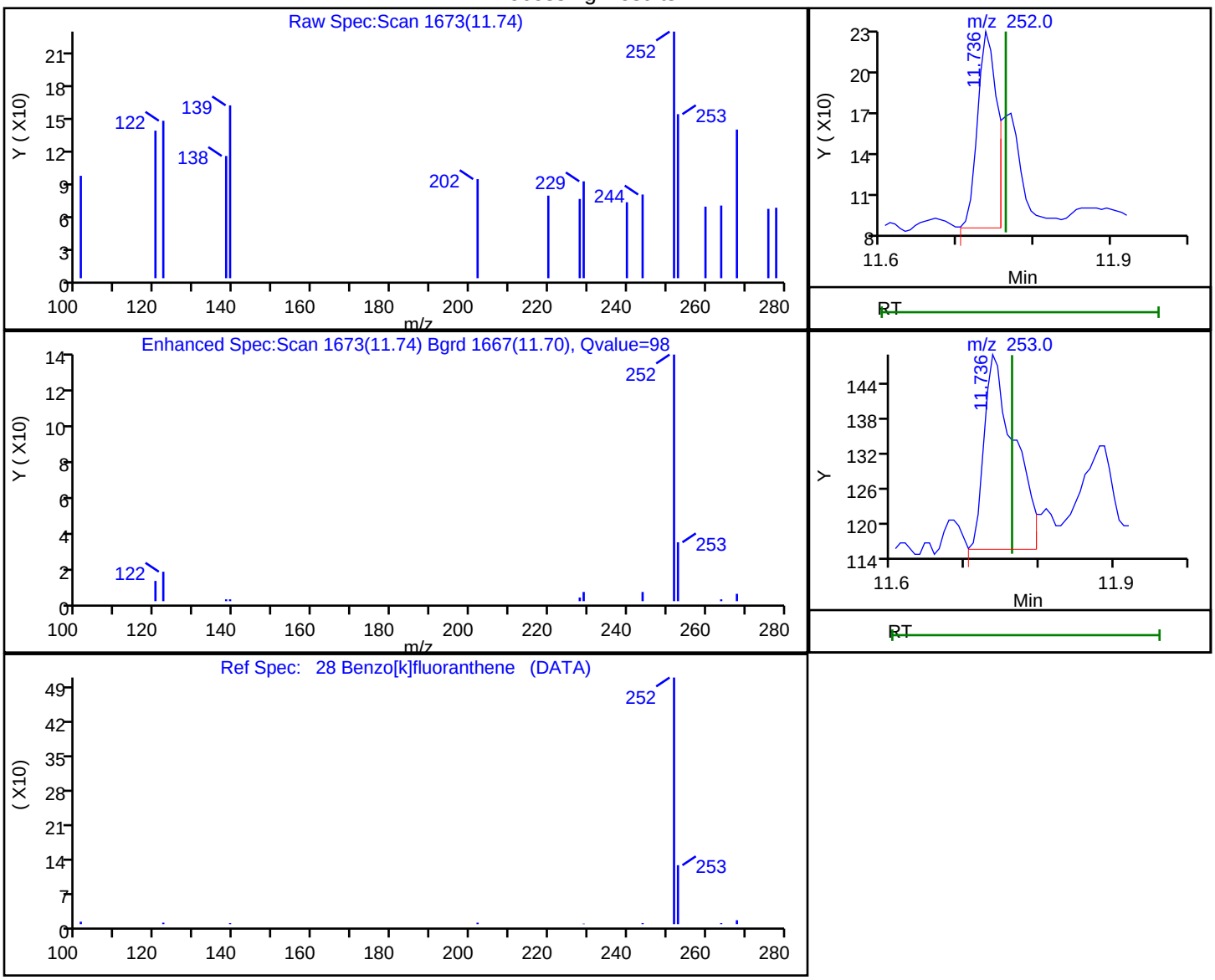
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
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

Processing Results



RT	Mass	Response	Amount
11.74	252.00	238	0.001501
11.74	253.00	97	

Reviewer: G4KC, 24-Jun-2024 14:33:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

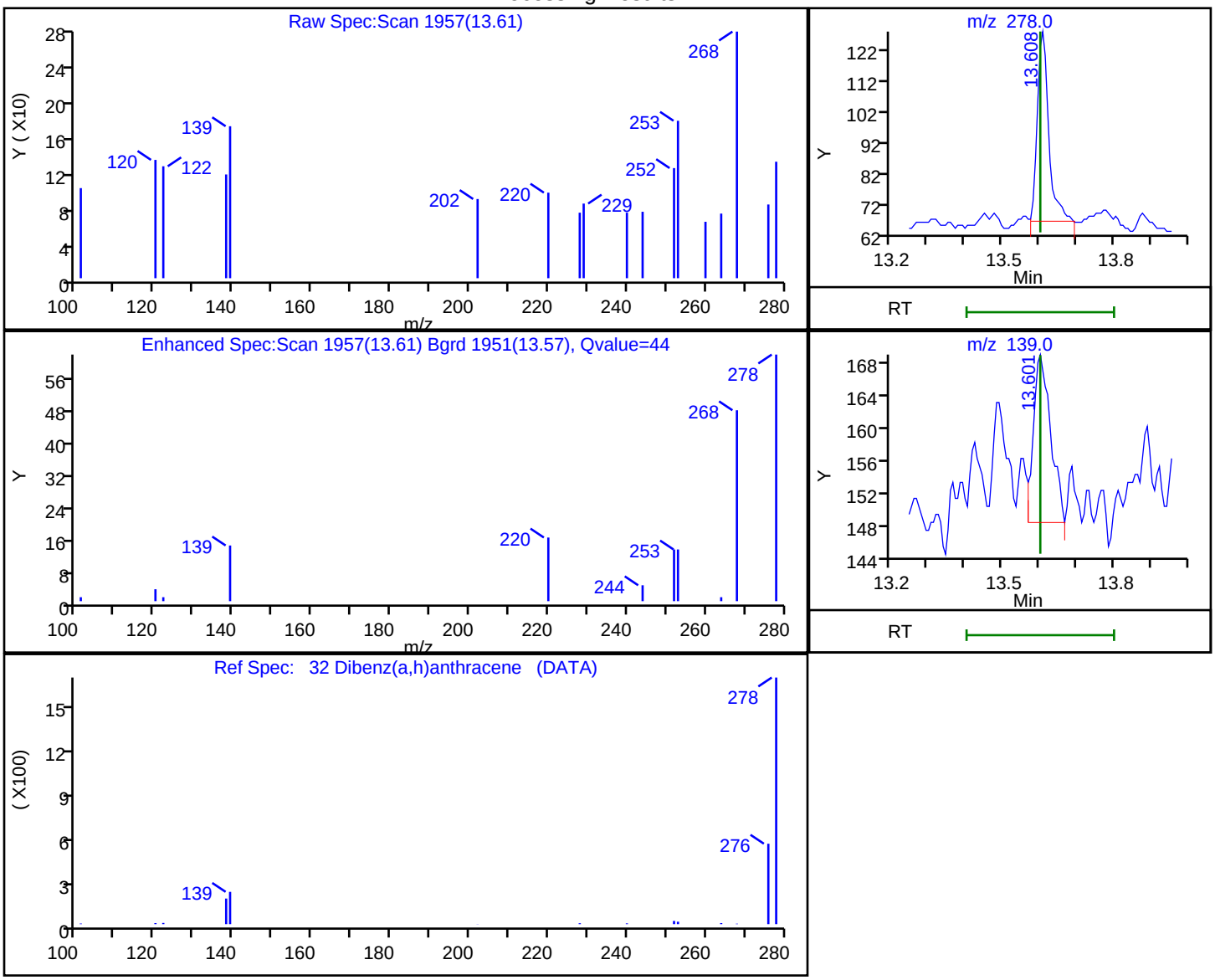
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304338.D				
Injection Date:	24-Jun-2024 14:08:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-8-A	Lab Sample ID:	460-220956-8		
Client ID:	MW-48S_20240618				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
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

Processing Results



RT	Mass	Response	Amount
13.61	278.00	138	0.000951
13.60	139.00	68	

Reviewer: G4KC, 24-Jun-2024 14:33:03 -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.: 480-220956-1
SDG No.:
Client Sample ID: DUP-1_202406
Lab Sample ID: 480-220956-9
Matrix: Water
Lab File ID: C304339.D
Analysis Method: 8270E SIM
Date Collected: 06/18/2024 00:00
Extract. Method: 3510C
Date Extracted: 06/24/2024 07:55
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 14:29
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.: 981870
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.11		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 *1	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\20240624-177551.b\C304339.D				
Lims ID:	480-220956-B-9-A				
Client ID:	DUP-1_202406				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 14:29:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-017				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 18:54:46	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1679				

First Level Reviewer: V5XH Date: 25-Jun-2024 12:31:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	14247	0.2000	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	45953	0.2000	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	91	23522	0.2000	
* 17 Phenanthrene-d10	188	8.043	8.042	0.001	97	38151	0.2000	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	94	1846	0.0136	
* 25 Chrysene-d12	240	10.556	10.556	0.000	99	20015	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	19960	0.2000	

QC Flag Legend

Processing Flags

Reagents:

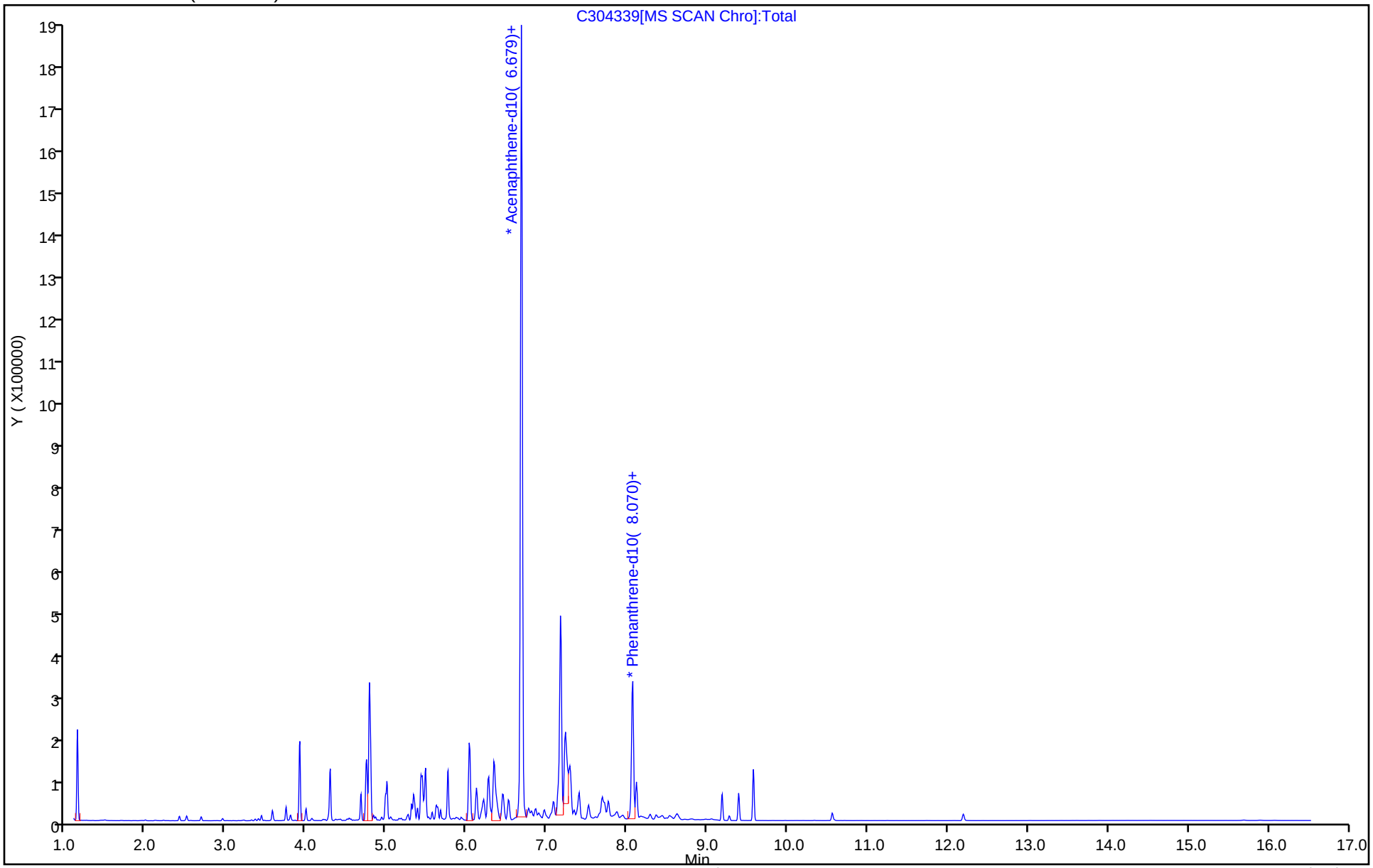
SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 25-Jun-2024 12:31:37 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304339.D				
Injection Date:	24-Jun-2024 14:29:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-220956-B-9-A	Lab Sample ID:	460-220956-9	Worklist Smp#:	17
Client ID:	DUP-1_202406				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304339.D				
Lims ID:	480-220956-B-9-A				
Client ID:	DUP-1_202406				
Sample Type:	Client				
Inject. Date:	24-Jun-2024 14:29:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-017				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 18:54:46	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1679				

First Level Reviewer: V5XH Date: 25-Jun-2024 12:31:37

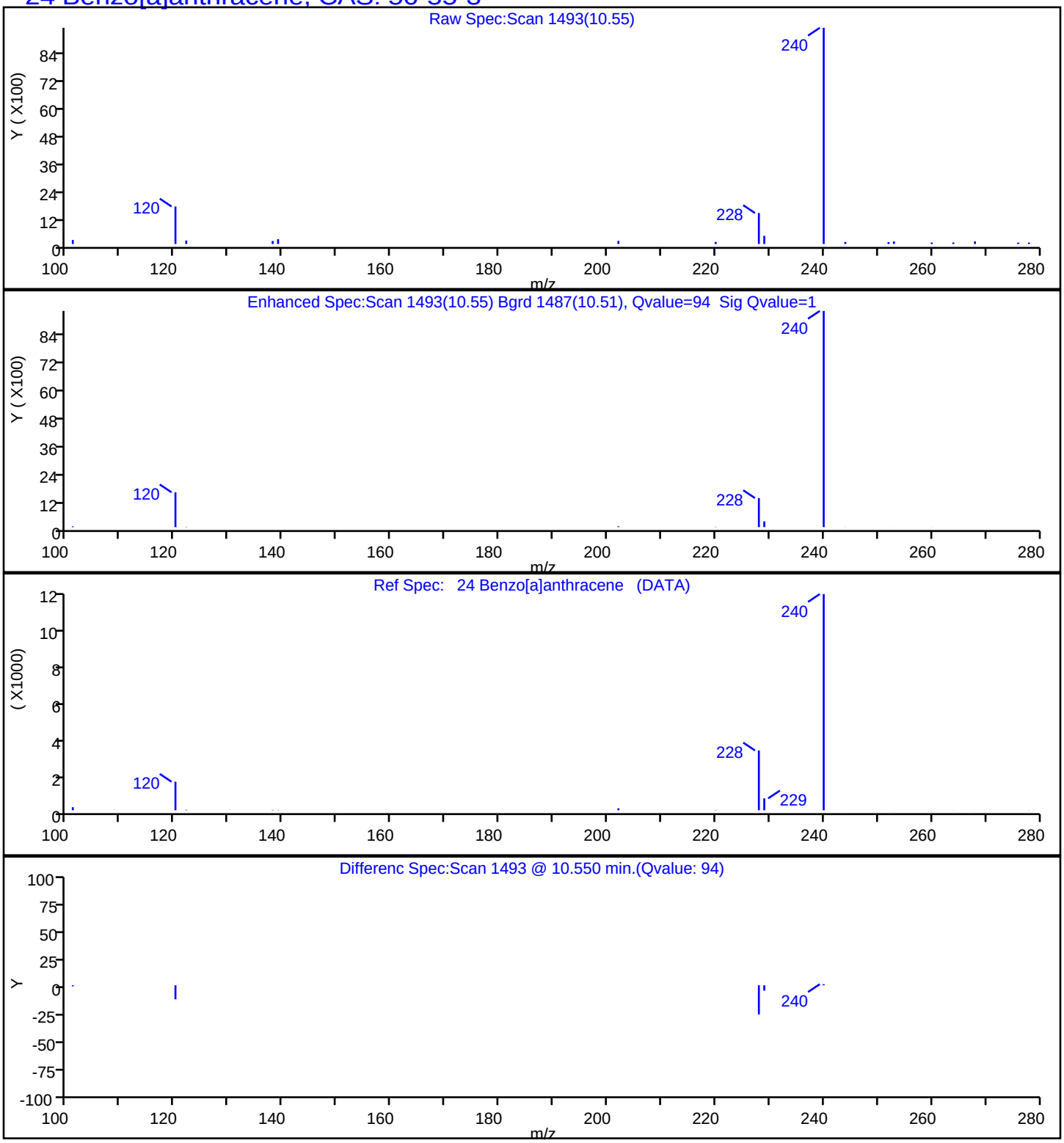
Compound	Amount Added	Amount Recovered	% Rec.

Report Date: 25-Jun-2024 12:31:37 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304339.D				
Injection Date:	24-Jun-2024 14:29:30	Instrument ID:	CBNAMS13		
Lims ID:	480-220956-B-9-A	Lab Sample ID:	460-220956-9		
Client ID:	DUP-1_202406				
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 VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976201

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 08:13 Calibration End Date: 05/22/2024 11:06 Calibration ID: 97263

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976201/10	C303684.D
Level 2	STD2 460-976201/9	C303683.D
Level 3	STD3 460-976201/8	C303682.D
Level 4	STD4 460-976201/7	C303681.D
Level 5	ICIS 460-976201/2	C303676.D
Level 6	STD6 460-976201/6	C303680.D
Level 7	STD7 460-976201/5	C303679.D
Level 8	STD8 460-976201/3	C303677.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								
1,4-Dioxane	0.4649 0.4933	0.4477 0.4681	0.4543 0.4255	0.4890	0.4876	Ave		0.4663			0.0100	5.0		20.0			
N-Nitrosodimethylamine	0.4593 0.6068	0.4941 0.6727	0.5471 0.6103	0.5604	0.6005	Ave		0.5689			0.0100	12.1		20.0			
Bis(2-chloroethyl)ether	0.9521 1.1838	1.0191 1.2089	0.9971 1.1032	1.1253	1.1657	Ave		1.0944			0.7000	8.6		20.0			
Naphthalene	1.2521 1.0734	1.1549 1.0906	1.0371 0.9578	1.0552	1.0464	Ave		1.0834			0.7000	8.1		20.0			
Acenaphthylene	2.0353 2.0226	1.9271 2.2378	1.8585 1.8579	1.9537	1.9518	Ave		1.9806			0.9000	6.2		20.0			
Acenaphthene	1.3541 1.1889	1.2366 1.2874	1.1748 1.0345	1.1367	1.1561	Ave		1.1961			0.9000	8.2		20.0			
Fluorene	1.4420 1.3979	1.3167 1.5530	1.3231 1.2938	1.3229	1.3822	Ave		1.3790			0.9000	6.3		20.0			
4,6-Dinitro-2-methylphenol	0.0521 0.0946	0.0593 0.1374	0.0609 +++++	0.0682	0.0835	QuaF		0.0575	0.0199013		0.0100	7.1			1.0000		0.9900
Hexachlorobenzene	0.3462 0.3158	0.3183 0.3300	0.3056 0.2542	0.3074	0.2869	Ave		0.3081			0.1000	9.1		20.0			
Pentachlorophenol	0.0733 0.1547	0.0862 0.2133	0.0928 +++++	0.1116	0.1336	QuaF		0.1311	0.0205722		0.0500	29.5			1.0000		0.9900
Phenanthrene	1.3476 1.1586	1.2635 1.2845	1.0786 1.0167	1.2321	1.1273	Ave		1.1886			0.7000	9.4		20.0			
Anthracene	0.9933 1.0724	0.9591 1.0938	0.9102 0.9034	0.9490	1.0549	Ave		0.9920			0.7000	7.5		20.0			
Fluoranthene	1.1844 1.1441	1.0427 1.2346	1.0345 1.0487	1.0754	1.1244	Ave		1.1111			0.6000	6.6		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976201

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 08:13 Calibration End Date: 05/22/2024 11:06 Calibration ID: 97263

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								
Pyrene	2.0463 2.0109	1.9719 1.9992	1.7530 1.4133	1.9742	1.9325	Ave		1.8876			0.6000	11.2		20.0			
Benzo[a]anthracene	1.4576 1.3218	1.2734 1.5302	1.2044 1.2571	1.3919	1.4101	Ave		1.3558			0.8000	8.2		20.0			
Chrysene	1.8103 1.6014	1.6155 1.6181	1.5048 1.2335	1.4398	1.4990	Ave		1.5403			0.7000	10.9		20.0			
Benzo[b]fluoranthene	1.6443 1.6930	1.4913 1.8154	1.5051 1.5377	1.6219	1.5282	Ave		1.6046			0.7000	7.0		20.0			
Benzo[k]fluoranthene	1.6728 1.7283	1.6510 2.0629	1.5958 1.4883	1.6850	1.6694	Ave		1.6942			0.7000	9.8		20.0			
Benzo[a]pyrene	1.0816 1.1612	1.0566 1.2537	1.0028 1.0550	1.0722	1.0948	Ave		1.0972			0.7000	7.0		20.0			
Indeno[1,2,3-cd]pyrene	1.4637 1.5888	1.4805 2.0109	1.3713 1.3866	1.4860	1.4374	Ave		1.5281			0.5000	13.5		20.0			
Dibenz(a,h)anthracene	1.3819 1.5976	1.5525 1.9914	1.4008 1.4076	1.5287	1.5410	Ave		1.5502			0.4000	12.6		20.0			
Benzo[g,h,i]perylene	1.6385 1.7208	1.6257 2.1082	1.5292 1.4556	1.6335	1.5865	Ave		1.6623			0.5000	11.8		20.0			
Nitrobenzene-d5	0.3090 0.3366	0.3028 0.3379	0.3305 0.2885	0.3222	0.3088	Ave		0.3170			0.0100	5.6		20.0			
2-Fluorobiphenyl	1.7391 1.7192	1.7340 1.5890	1.7734 1.1576	1.7242	1.5760	Ave		1.6266			0.0100	12.5		20.0			
2,4,6-Tribromophenol	0.2136 0.2969	0.2100 0.2392	0.2268 0.2715	0.2397	0.2569	Ave		0.2443			0.0100	12.1		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.: 480-220956-1 Analy Batch No.: 976201

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 08:13 Calibration End Date: 05/22/2024 11:06 Calibration ID: 97263

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976201/10	C303684.D
Level 2	STD2 460-976201/9	C303683.D
Level 3	STD3 460-976201/8	C303682.D
Level 4	STD4 460-976201/7	C303681.D
Level 5	ICIS 460-976201/2	C303676.D
Level 6	STD6 460-976201/6	C303680.D
Level 7	STD7 460-976201/5	C303679.D
Level 8	STD8 460-976201/3	C303677.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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCBd4	Ave	830 71022	4121 123313	8789 694718	16380	35411	0.0200 2.00	0.100 4.00	0.200 20.0	0.400	0.800
N-Nitrosodimethylamine	DCBd4	Ave	820 43683	2274 88596	5292 498273	9386	21807	0.0200 1.00	0.0500 2.00	0.100 10.0	0.200	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	170 85222	469 159222	1929 900642	18848	42333	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Naphthalene	NPT	Ave	1882 104163	3422 483354	6469 2655920	29051	65227	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthylene	ANT	Ave	1458 95029	2548 462113	5439 2772827	24822	59119	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthene	ANT	Ave	970 55858	1635 265853	3438 1543970	14442	35018	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluorene	ANT	Ave	1033 65681	1741 320693	3872 1930984	16807	41866	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	QuaF	539 39684	1319 100371	3235 +++++	6043	18509	0.0400 2.00	0.100 4.00	0.200 +++++	0.400	0.800
Hexachlorobenzene	PHN	Ave	179 66271	354 120550	1622 726513	13625	31813	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Pentachlorophenol	PHN	QuaF	379 32457	959 155886	2462 +++++	4947	14813	0.0200 1.00	0.0500 4.00	0.100 +++++	0.200	0.400
Phenanthrene	PHN	Ave	1742 97258	2810 469275	5725 2905515	27307	62492	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Anthracene	PHN	Ave	1284 90016	2133 399591	4831 2581718	21032	58477	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluoranthene	PHN	Ave	1531 96041	2319 451058	5491 2997106	23834	62331	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Pyrene	CRY	Ave	1526 96956	2346 460311	5515 3078069	23928	62736	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]anthracene	CRY	Ave	1087 63734	1515 352335	3789 2737908	16870	45779	0.00500 0.400	0.0100 2.00	0.0200 10.0	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.: 480-220956-1 Analy Batch No.: 976201

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 08:13 Calibration End Date: 05/22/2024 11:06 Calibration ID: 97263

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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
Chrysene	CRY	Ave	1350 77215	1922 372563	4734 2686448	17451	48665	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[b]fluoranthene	PRY	Ave	865 61813	1242 331769	3365 2760788	13861	38265	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	880 63100	1375 376998	3568 2672091	14400	41799	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]pyrene	PRY	Ave	569 42394	880 229121	2242 1894224	9163	27413	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	770 58006	1233 367490	3066 2489544	12699	35992	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Dibenz(a,h)anthracene	PRY	Ave	727 58327	1293 363924	3132 2527342	13064	38586	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	862 62825	1354 385282	3419 2613389	13960	39724	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Nitrobenzene-d5	NPT	Ave	9290 408308	17944 1497372	41231 3199901	70958	96235	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	24916 1009677	45855 3281301	103799 6910694	175250	238681	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00
2,4,6-Tribromophenol	ANT	Ave	3060 174351	5552 493920	13274 1620561	24360	38915	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303676.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 22-May-2024 08:13:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:05 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 08:32:42

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	1.409	1.409	0.000	79	35411	0.8000	0.8365	
2 N-Nitrosodimethylamine	74	1.622	1.622	0.000	67	21807	0.4000	0.4222	
3 Bis(2-chloroethyl)ether	93	3.621	3.621	0.000	93	42333	0.4000	0.4261	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	18157	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.416	4.416	0.000	95	96235	1.00	0.9739	
* 7 Naphthalene-d8	136	5.106	5.106	0.000	100	62335	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	65227	0.2000	0.1932	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	238681	1.00	0.9689	
10 Acenaphthylene	152	6.634	6.634	0.000	100	59119	0.2000	0.1971	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	30290	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	80	35018	0.2000	0.1933	
13 Fluorene	166	7.284	7.284	0.000	97	41866	0.2000	0.2005	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	96	18509	0.8000	0.8883	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	38915	1.00	1.05	
15 Hexachlorobenzene	284	7.808	7.808	0.000	97	31813	0.4000	0.3726	
16 Pentachlorophenol	266	7.997	7.997	0.000	99	14813	0.4000	0.3845	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	99	55434	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	36	62492	0.2000	0.1897	
19 Anthracene	178	8.232	8.232	0.000	99	58477	0.2000	0.2127	
20 Fluoranthene	202	9.304	9.304	0.000	99	62331	0.2000	0.2024	
21 Pyrene	202	9.508	9.508	0.000	99	62736	0.2000	0.2047	
$ 22 Terphenyl-d14	244	9.693	9.693	0.000	99	151731	1.00	0.9644	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	36	45779	0.2000	0.2080	
* 25 Chrysene-d12	240	10.688	10.688	0.000	82	32464	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	100	48665	0.2000	0.1946	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	38265	0.2000	0.1905	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	98	41799	0.2000	0.1971	
29 Benzo[a]pyrene	252	12.296	12.296	0.000	99	27413	0.2000	0.1996	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	25039	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	99	35992	0.2000	0.1881	
32 Dibenz(a,h)anthracene	278	13.812	13.812	0.000	46	38586	0.2000	0.1988	

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	14.103	14.103	0.000	97	39724	0.2000	0.1909	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:05 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303676.D

Injection Date: 22-May-2024 08:13:30 Instrument ID: CBNAMS13 Operator ID:

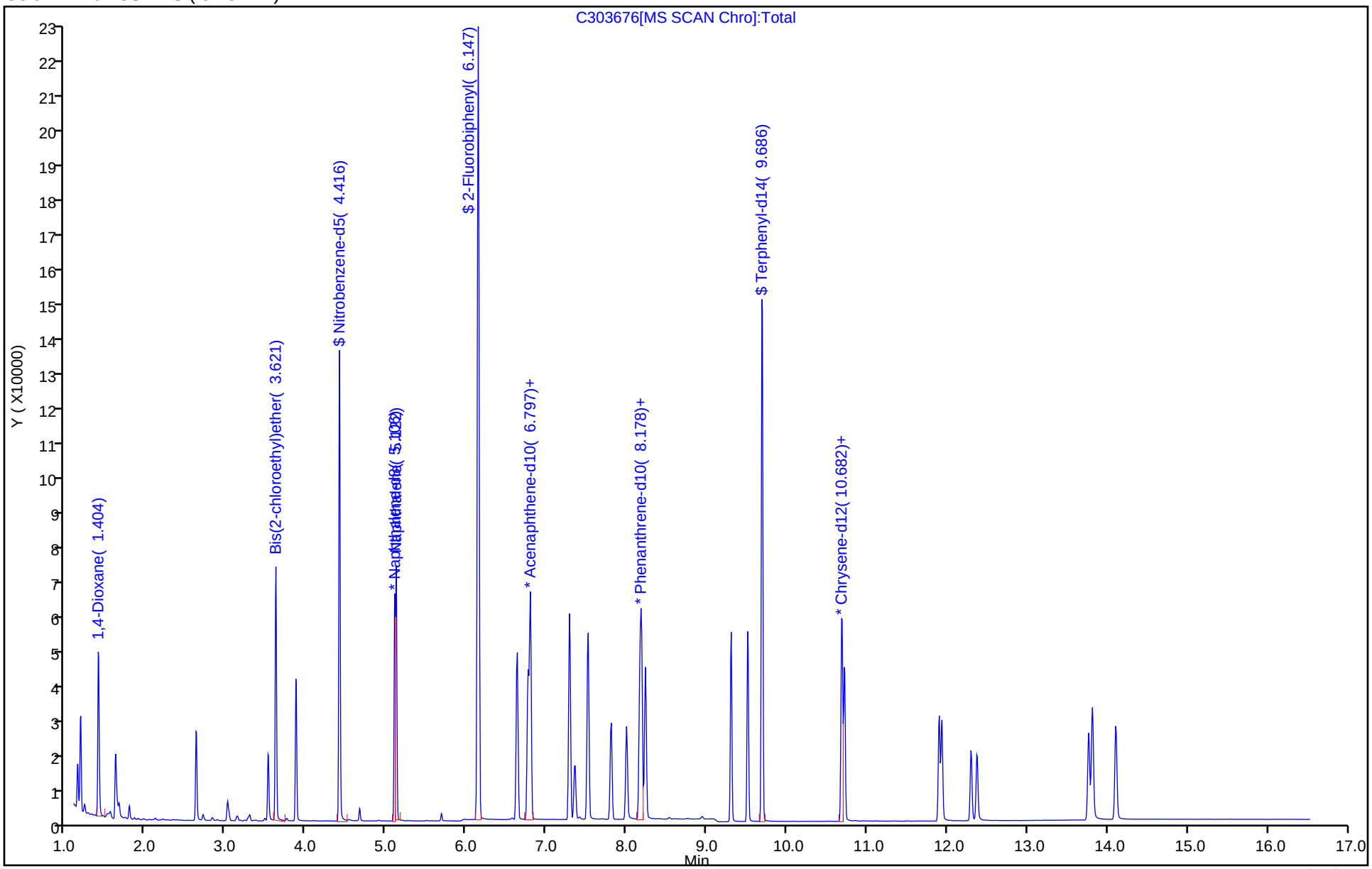
Lims ID: ICIS Worklist Smp#: 2

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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303677.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-May-2024 08:40:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-003
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:07 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 09:01:10

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	1.471	1.409	0.062	81	694718	20.0	18.2	
2 N-Nitrosodimethylamine	74	1.715	1.622	0.093	68	498273	10.0	10.7	M
3 Bis(2-chloroethyl)ether	93	3.631	3.621	0.010	94	900642	10.0	10.1	
* 4 1,4-Dichlorobenzene-d4	152	3.881	3.870	0.011	100	16328	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.416	4.416	0.000	96	3199901	40.0	36.4	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	55461	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	2655920	10.0	8.84	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	6910694	40.0	28.5	
10 Acenaphthylene	152	6.634	6.634	0.000	100	2772827	10.0	9.38	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	83	29849	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	80	1543970	10.0	8.65	
13 Fluorene	166	7.293	7.284	0.009	97	1930984	10.0	9.38	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	99	745110	20.0	10.1	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	100	1620561	40.0	44.4	
15 Hexachlorobenzene	284	7.808	7.808	0.000	99	726513	10.0	8.25	
16 Pentachlorophenol	266	8.006	7.997	0.009	97	1041837	20.0	10.5	
* 17 Phenanthrene-d10	188	8.169	8.160	0.009	14	57158	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	31	2905515	10.0	8.55	
19 Anthracene	178	8.241	8.232	0.009	100	2581718	10.0	9.11	
20 Fluoranthene	202	9.304	9.304	0.000	99	2997106	10.0	9.44	
21 Pyrene	202	9.515	9.508	0.007	100	3078069	10.0	7.49	
$ 22 Terphenyl-d14	244	9.699	9.693	0.006	96	4342384	40.0	20.6	
24 Benzo[a]anthracene	228	10.688	10.682	0.006	4	2737908	10.0	9.27	
* 25 Chrysene-d12	240	10.695	10.688	0.007	1	43559	0.2000	0.2000	
26 Chrysene	228	10.728	10.715	0.013	99	2686448	10.0	8.01	
27 Benzo[b]fluoranthene	252	11.908	11.901	0.007	100	2760788	10.0	9.58	
28 Benzo[k]fluoranthene	252	11.941	11.934	0.007	99	2672091	10.0	8.78	
29 Benzo[a]pyrene	252	12.303	12.296	0.007	100	1894224	10.0	9.62	
* 30 Perylene-d12	264	12.376	12.369	0.007	100	35909	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.780	13.766	0.014	99	2489544	10.0	9.07	
32 Dibenz(a,h)anthracene	278	13.826	13.812	0.014	97	2527342	10.0	9.08	

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	14.122	14.103	0.020	98	2613389	10.0	8.76	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL8_00001 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:08 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303677.D

Injection Date: 22-May-2024 08:40:30 Instrument ID: CBNAMS13 Operator ID:

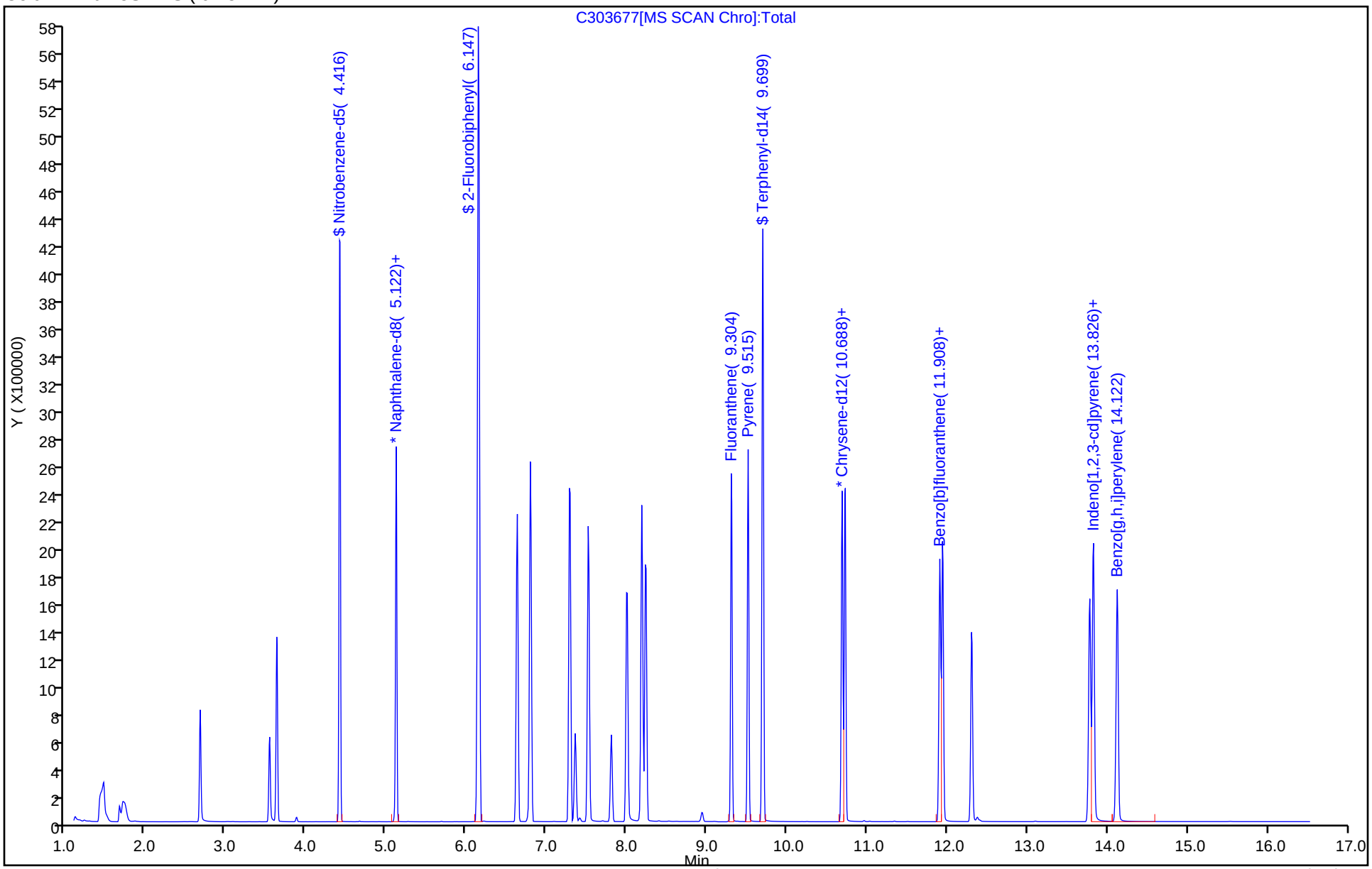
Lims ID: STD8 Worklist Smp#: 3

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

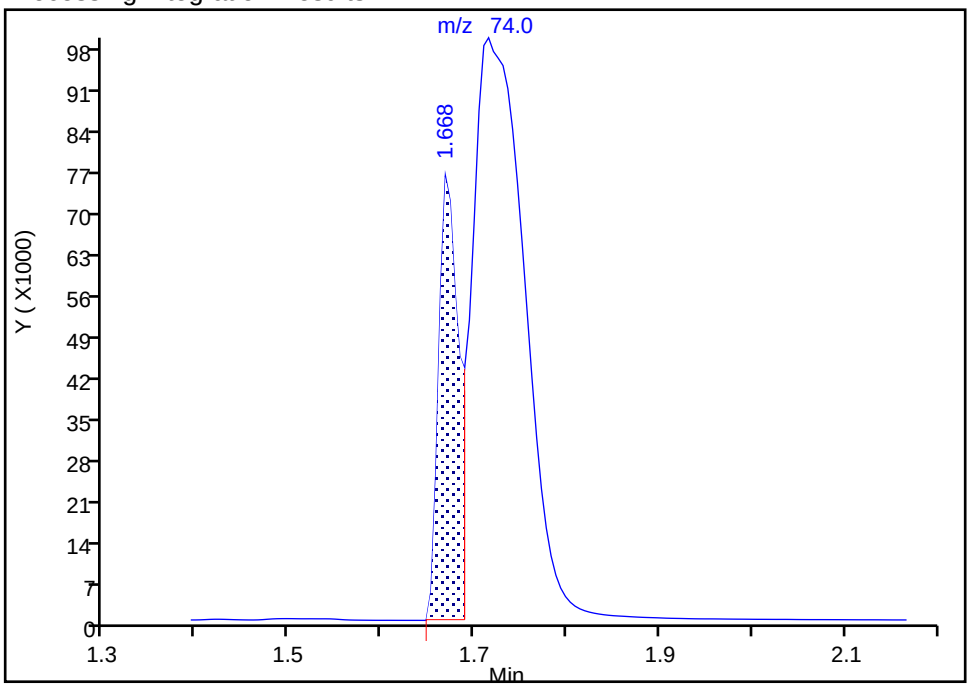
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303677.D				
Injection Date:	22-May-2024 08:40:30	Instrument ID:	CBNAMS13		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

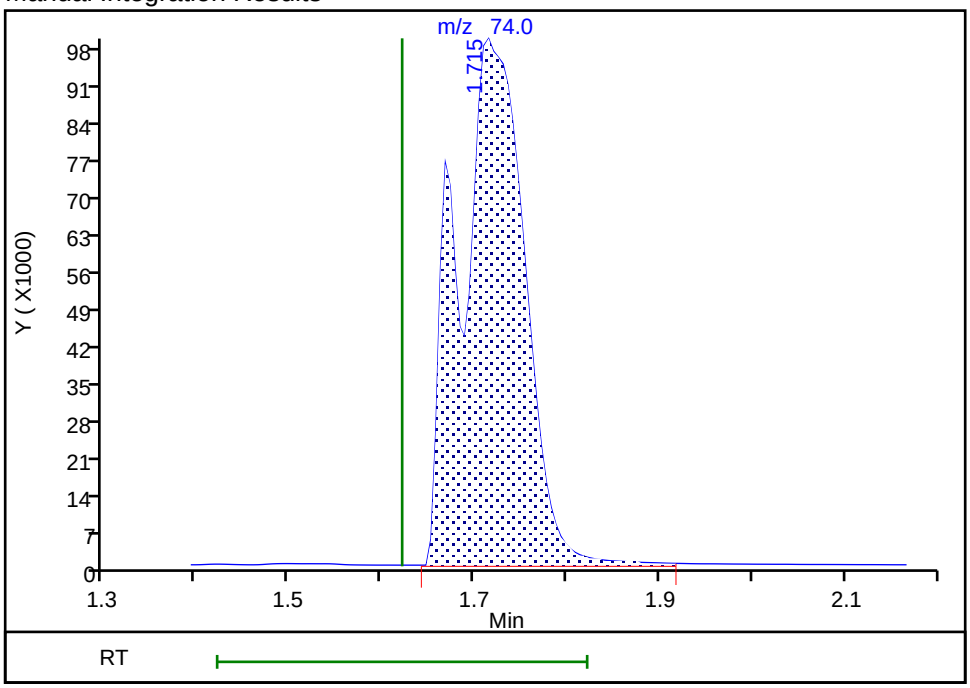
Processing Integration Results

RT: 1.67
Area: 118020
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 1.72
Area: 498273
Amount: 10.728455
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 09:01:01 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303679.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-May-2024 09:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-005
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:10 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 09:46:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.372	1.409	-0.037	81	123313	4.00	4.02	
2 N-Nitrosodimethylamine	74	1.580	1.622	-0.042	67	88596	2.00	2.36	
3 Bis(2-chloroethyl)ether	93	3.616	3.621	-0.005	92	159222	2.00	2.21	
* 4 1,4-Dichlorobenzene-d4	152	3.865	3.870	-0.005	100	13171	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.410	4.416	-0.006	96	1497372	20.0	21.3	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	44320	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	483354	2.00	2.01	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	3281301	20.0	19.5	
10 Acenaphthylene	152	6.634	6.634	0.000	100	462113	2.00	2.26	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	20650	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	80	265853	2.00	2.15	
13 Fluorene	166	7.284	7.284	0.000	99	320693	2.00	2.25	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	95	100371	4.00	4.00	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	493920	20.0	19.6	
15 Hexachlorobenzene	284	7.808	7.808	0.000	97	120550	2.00	2.14	
16 Pentachlorophenol	266	7.998	7.997	0.001	99	155886	4.00	4.00	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	95	36534	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	32	469275	2.00	2.16	
19 Anthracene	178	8.232	8.232	0.000	99	399591	2.00	2.21	
20 Fluoranthene	202	9.304	9.304	0.000	100	451058	2.00	2.22	
21 Pyrene	202	9.508	9.508	0.000	99	460311	2.00	2.12	
$ 22 Terphenyl-d14	244	9.693	9.693	0.000	98	1926369	20.0	17.3	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	6	352335	2.00	2.26	
* 25 Chrysene-d12	240	10.688	10.688	0.000	7	23025	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	100	372563	2.00	2.10	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	331769	2.00	2.26	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	99	376998	2.00	2.44	
29 Benzo[a]pyrene	252	12.297	12.296	0.000	100	229121	2.00	2.29	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	18275	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	99	367490	2.00	2.63	
32 Dibenz(a,h)anthracene	278	13.813	13.812	0.001	46	363924	2.00	2.57	

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	14.109	14.103	0.007	98	385282	2.00	2.54	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL7_00003 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:11 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303679.D

Injection Date: 22-May-2024 09:22:30 Instrument ID: CBNAMS13 Operator ID:

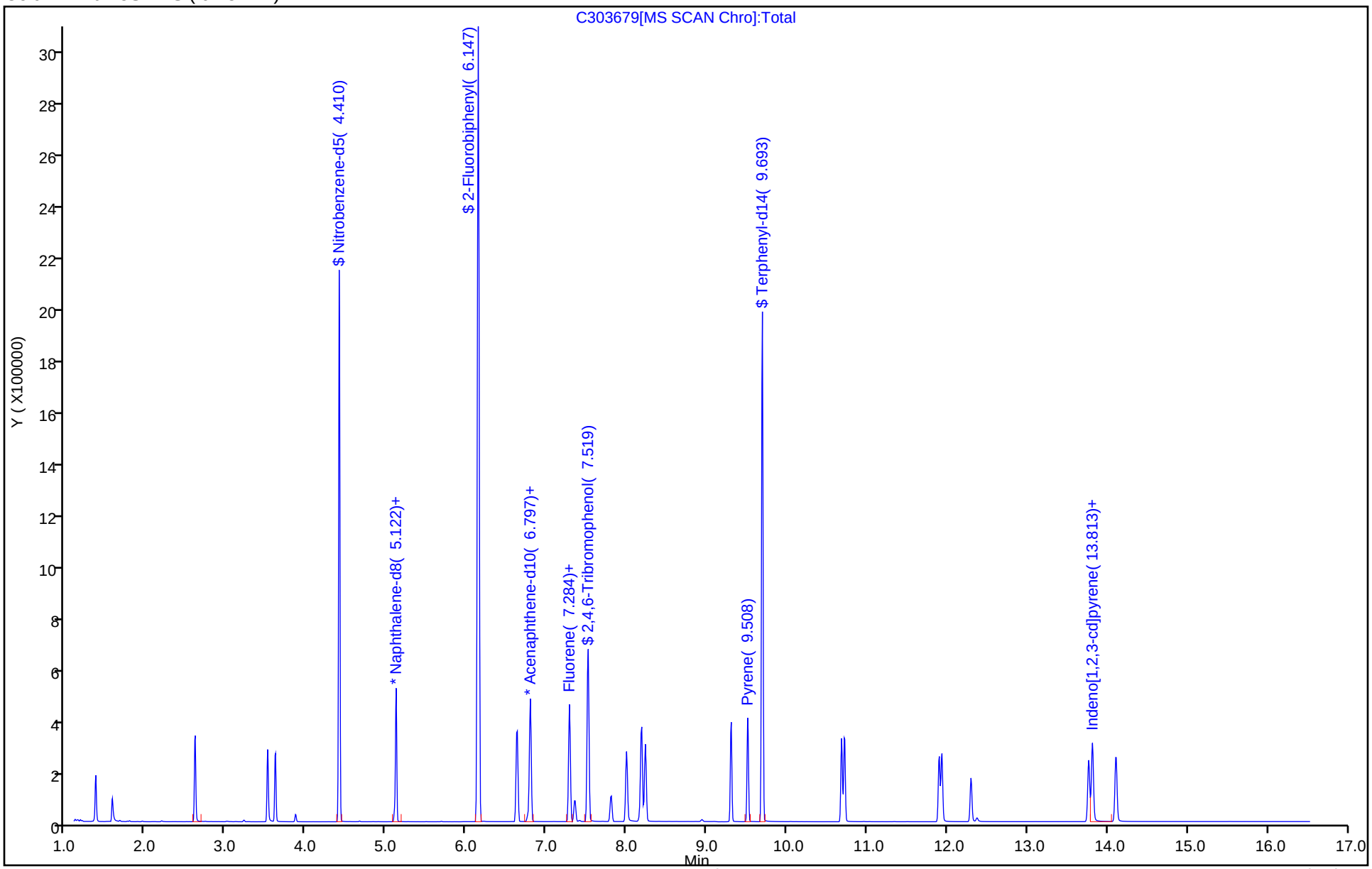
Lims ID: STD7 Worklist Smp#: 5

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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303680.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-May-2024 09:42:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-006
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:12 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 10:21:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.383	1.409	-0.026	81	71022	2.00	2.12	
2 N-Nitrosodimethylamine	74	1.596	1.622	-0.026	66	43683	1.00	1.07	
3 Bis(2-chloroethyl)ether	93	3.616	3.621	-0.005	94	85222	1.00	1.08	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	14398	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.410	4.416	-0.006	96	408308	5.00	5.31	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	48521	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	104163	0.4000	0.3963	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	1009677	5.00	5.28	
10 Acenaphthylene	152	6.634	6.634	0.000	100	95029	0.4000	0.4085	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	23492	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	80	55858	0.4000	0.3976	
13 Fluorene	166	7.284	7.284	0.000	99	65681	0.4000	0.4055	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	96	39684	2.00	1.96	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	174351	5.00	6.08	
15 Hexachlorobenzene	284	7.808	7.808	0.000	97	66271	1.00	1.03	
16 Pentachlorophenol	266	7.998	7.997	0.001	99	32457	1.00	1.02	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	99	41971	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	34	97258	0.4000	0.3899	
19 Anthracene	178	8.232	8.232	0.000	99	90016	0.4000	0.4324	
20 Fluoranthene	202	9.304	9.304	0.000	99	96041	0.4000	0.4119	
21 Pyrene	202	9.508	9.508	0.000	99	96956	0.4000	0.4261	
$ 22 Terphenyl-d14	244	9.693	9.693	0.000	99	598817	5.00	5.13	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	23	63734	0.4000	0.3900	
* 25 Chrysene-d12	240	10.688	10.688	0.000	50	24108	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	99	77215	0.4000	0.4159	
27 Benzo[b]fluoranthene	252	11.894	11.901	-0.007	100	61813	0.4000	0.4220	
28 Benzo[k]fluoranthene	252	11.927	11.934	-0.007	95	63100	0.4000	0.4081	
29 Benzo[a]pyrene	252	12.296	12.296	0.000	99	42394	0.4000	0.4233	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	18255	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	100	58006	0.4000	0.4159	
32 Dibenz(a,h)anthracene	278	13.813	13.812	0.000	46	58327	0.4000	0.4122	

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	14.103	14.103	0.001	97	62825	0.4000	0.4141	

QC Flag Legend

Processing Flags

Reagents:

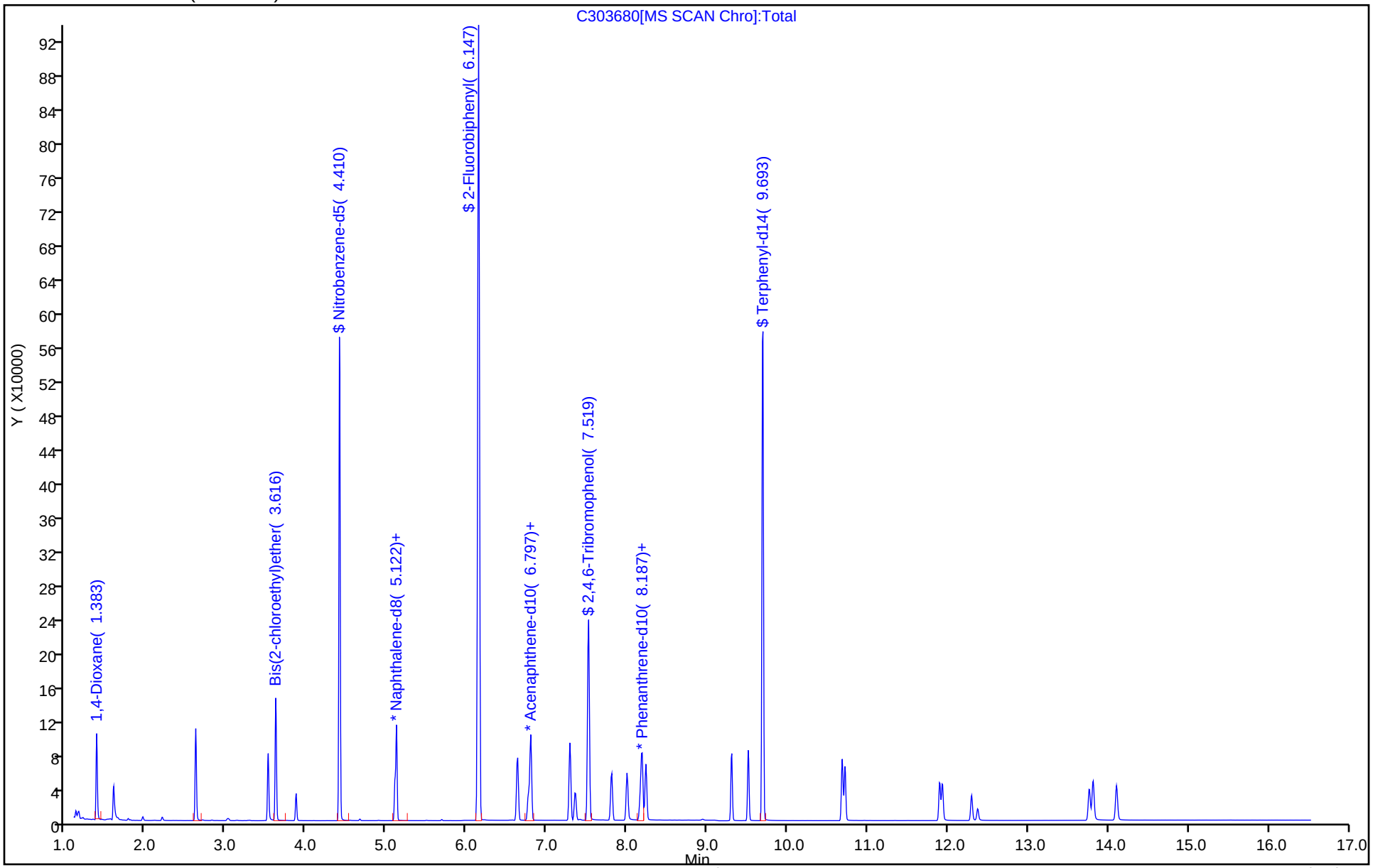
SM_simSlviL6_00020 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:13 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303680.D				
Injection Date:	22-May-2024 09:42:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD6			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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303681.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2024 10:04:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-007
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:14 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 10:25:19

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	1.398	1.409	-0.011	82	16380	0.4000	0.4195	
2 N-Nitrosodimethylamine	74	1.622	1.622	0.000	67	9386	0.2000	0.1970	
3 Bis(2-chloroethyl)ether	93	3.616	3.621	-0.005	95	18848	0.2000	0.2057	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	16749	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.410	4.416	-0.006	97	70958	0.8000	0.8130	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	55062	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	29051	0.1000	0.0974	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	175250	0.8000	0.8480	
10 Acenaphthylene	152	6.634	6.634	0.000	100	24822	0.1000	0.0986	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	25410	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	80	14442	0.1000	0.0950	
13 Fluorene	166	7.284	7.284	0.000	96	16807	0.1000	0.0959	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	96	6043	0.4000	0.4147	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	24360	0.8000	0.7848	
15 Hexachlorobenzene	284	7.808	7.808	0.000	96	13625	0.2000	0.1996	
16 Pentachlorophenol	266	7.998	7.997	0.001	98	4947	0.2000	0.1659	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	100	44326	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	39	27307	0.1000	0.1037	
19 Anthracene	178	8.232	8.232	0.000	100	21032	0.1000	0.0957	
20 Fluoranthene	202	9.304	9.304	0.000	100	23834	0.1000	0.0968	
21 Pyrene	202	9.508	9.508	0.000	100	23928	0.1000	0.1046	
$ 22 Terphenyl-d14	244	9.686	9.693	-0.007	98	99625	0.8000	0.8480	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	71	16870	0.1000	0.1027	
* 25 Chrysene-d12	240	10.688	10.688	0.000	93	24241	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	100	17451	0.1000	0.0935	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	13861	0.1000	0.1011	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	99	14400	0.1000	0.0995	
29 Benzo[a]pyrene	252	12.297	12.296	0.000	98	9163	0.1000	0.0977	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	17092	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	98	12699	0.1000	0.0972	
32 Dibenz(a,h)anthracene	278	13.813	13.812	0.001	46	13064	0.1000	0.0986	

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	14.103	14.103	0.001	97	13960	0.1000	0.0983	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL4_00018 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303681.D

Injection Date: 22-May-2024 10:04:30 Instrument ID: CBNAMS13 Operator ID:

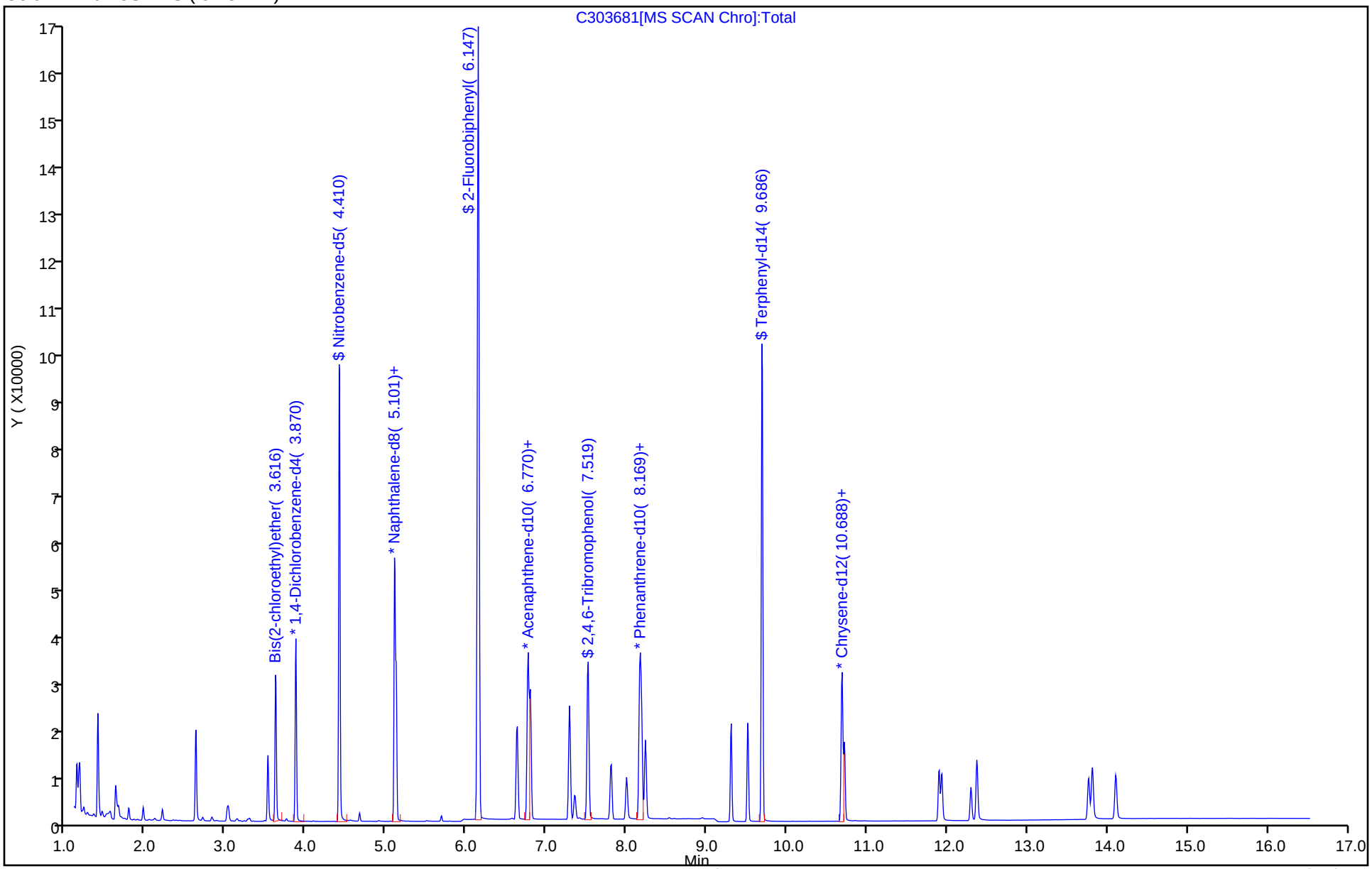
Lims ID: STD4 Worklist Smp#: 7

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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303682.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-May-2024 10:24:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-008
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:17 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 11:10:54

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	1.404	1.409	-0.005	79	8789	0.2000	0.1949	M
2 N-Nitrosodimethylamine	74	1.627	1.622	0.005	69	5292	0.1000	0.0962	
3 Bis(2-chloroethyl)ether	93	3.621	3.621	0.000	93	1929	0.0200	0.0182	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	19347	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.410	4.416	-0.006	97	41231	0.4000	0.4170	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	62374	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	6469	0.0200	0.0191	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	103799	0.4000	0.4361	
10 Acenaphthylene	152	6.634	6.634	0.000	100	5439	0.0200	0.0188	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	29265	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	99	3438	0.0200	0.0196	
13 Fluorene	166	7.284	7.284	0.000	99	3872	0.0200	0.0192	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	96	3235	0.2000	0.1984	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	13274	0.4000	0.3713	
15 Hexachlorobenzene	284	7.808	7.808	0.000	96	1622	0.0200	0.0198	
16 Pentachlorophenol	266	7.997	7.997	0.000	98	2462	0.1000	0.0700	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	100	53079	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	71	5725	0.0200	0.0181	
19 Anthracene	178	8.232	8.232	0.000	100	4831	0.0200	0.0184	
20 Fluoranthene	202	9.304	9.304	0.000	100	5491	0.0200	0.0186	
21 Pyrene	202	9.508	9.508	0.000	99	5515	0.0200	0.0186	
$ 22 Terphenyl-d14	244	9.686	9.693	-0.007	98	61569	0.4000	0.4038	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	95	3789	0.0200	0.0178	
* 25 Chrysene-d12	240	10.688	10.688	0.000	98	31460	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	100	4734	0.0200	0.0195	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	3365	0.0200	0.0188	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	93	3568	0.0200	0.0188	
29 Benzo[a]pyrene	252	12.296	12.296	0.000	98	2242	0.0200	0.0183	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	22358	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	99	3066	0.0200	0.0179	
32 Dibenz(a,h)anthracene	278	13.812	13.812	0.000	46	3132	0.0200	0.0181	

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	14.103	14.103	0.000	98	3419	0.0200	0.0184	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL3_00022 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:18 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303682.D

Injection Date: 22-May-2024 10:24:30 Instrument ID: CBNAMS13 Operator ID:

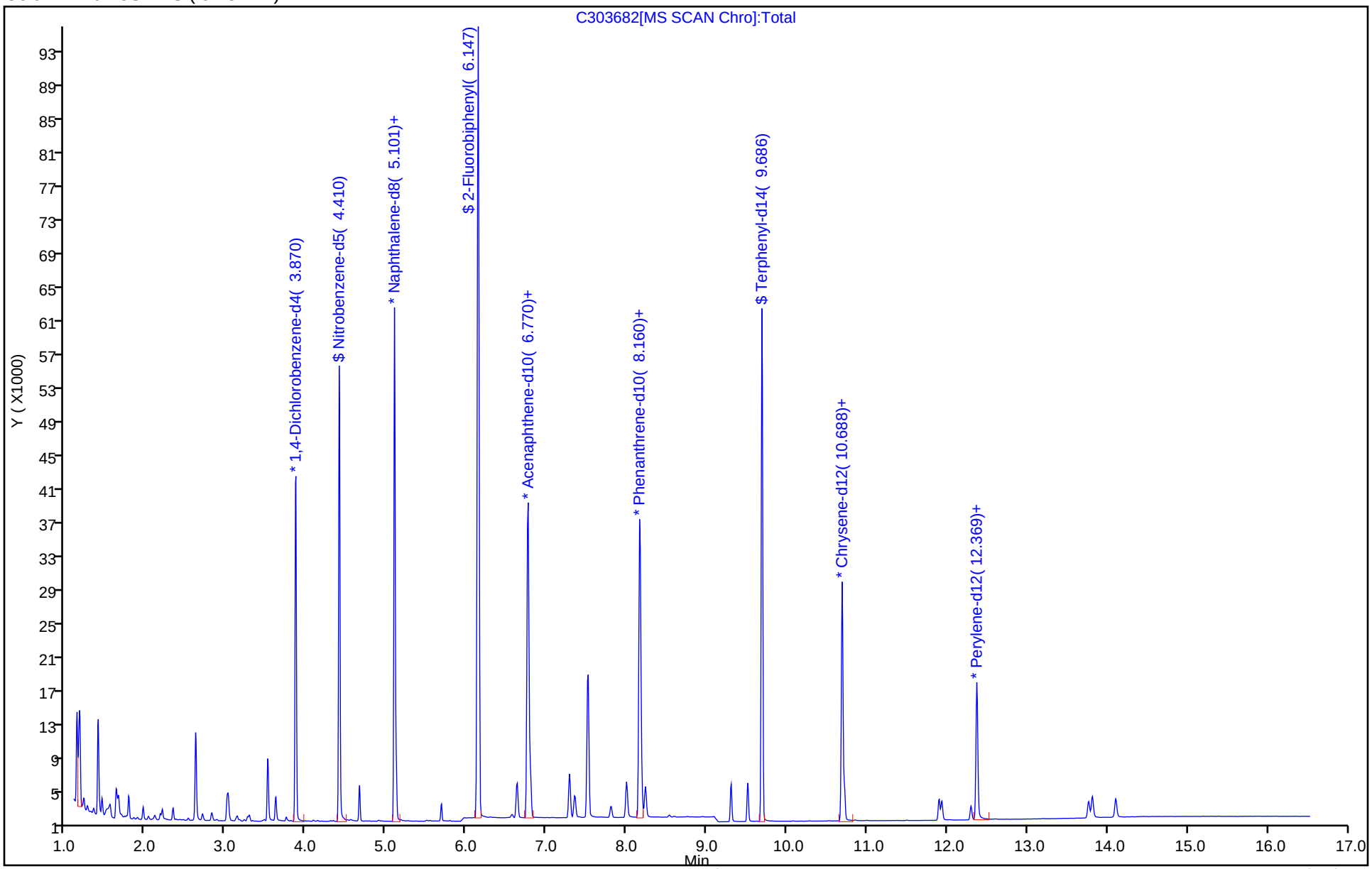
Lims ID: STD3 Worklist Smp#: 8

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

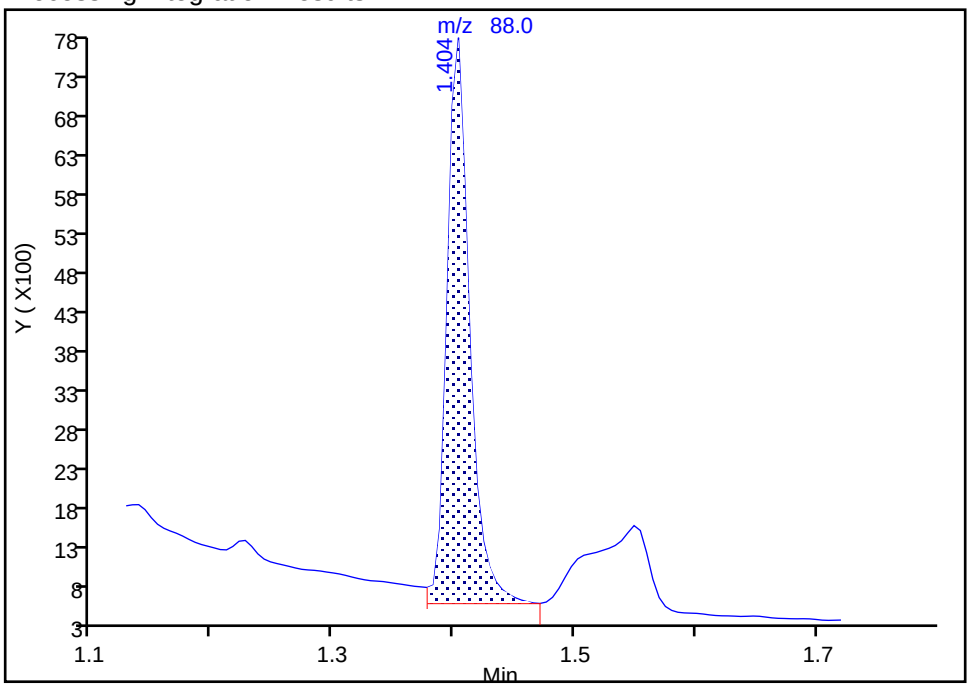
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303682.D				
Injection Date:	22-May-2024 10:24:30	Instrument ID:	CBNAMS13		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

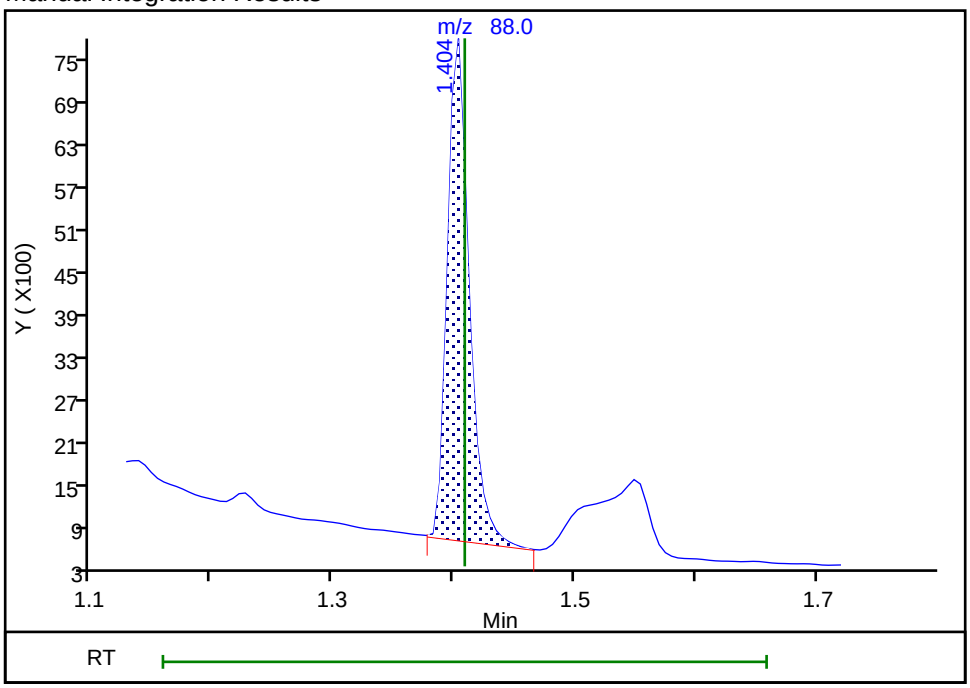
Processing Integration Results

RT: 1.40
Area: 9366
Amount: 0.205997
Amount Units: ug/ml



Manual Integration Results

RT: 1.40
Area: 8789
Amount: 0.194852
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 11:29:19 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303683.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2024 10:45:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-009
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:20 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 11:11:25

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	1.409	1.409	0.000	82	4121	0.1000	0.0960	M
2 N-Nitrosodimethylamine	74	1.647	1.622	0.025	69	2274	0.0500	0.0434	
3 Bis(2-chloroethyl)ether	93	3.621	3.621	0.000	94	469	0.005000	0.004656	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	18409	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.415	4.416	-0.001	95	17944	0.2000	0.1910	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	59263	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	99	3422	0.0100	0.0107	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	45855	0.2000	0.2132	
10 Acenaphthylene	152	6.634	6.634	0.000	100	2548	0.0100	0.009730	
* 11 Acenaphthene-d10	164	6.769	6.770	-0.001	98	26444	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	98	1635	0.0100	0.0103	
13 Fluorene	166	7.284	7.284	0.000	95	1741	0.0100	0.009549	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	98	1319	0.1000	0.0997	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	5552	0.2000	0.1719	
15 Hexachlorobenzene	284	7.808	7.808	0.000	95	354	0.005000	0.005167	a
16 Pentachlorophenol	266	7.997	7.997	0.000	97	959	0.0500	0.0327	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	100	44480	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	99	2810	0.0100	0.0106	
19 Anthracene	178	8.232	8.232	0.000	99	2133	0.0100	0.009668	
20 Fluoranthene	202	9.304	9.304	0.000	100	2319	0.0100	0.009384	
21 Pyrene	202	9.508	9.508	0.000	99	2346	0.0100	0.0104	
$ 22 Terphenyl-d14	244	9.686	9.693	-0.007	98	24261	0.2000	0.2104	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	92	1515	0.0100	0.009392	
* 25 Chrysene-d12	240	10.688	10.688	0.000	99	23794	0.2000	0.2000	
26 Chrysene	228	10.714	10.715	-0.001	100	1922	0.0100	0.0105	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	1242	0.0100	0.009294	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	95	1375	0.0100	0.009745	
29 Benzo[a]pyrene	252	12.296	12.296	0.000	99	880	0.0100	0.009630	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	16657	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	98	1233	0.0100	0.009688	
32 Dibenz(a,h)anthracene	278	13.812	13.812	0.000	96	1293	0.0100	0.0100	

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	14.102	14.103	0.000	98	1354	0.0100	0.009780	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL2_00019 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:20 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303683.D

Injection Date: 22-May-2024 10:45:30 Instrument ID: CBNAMS13 Operator ID:

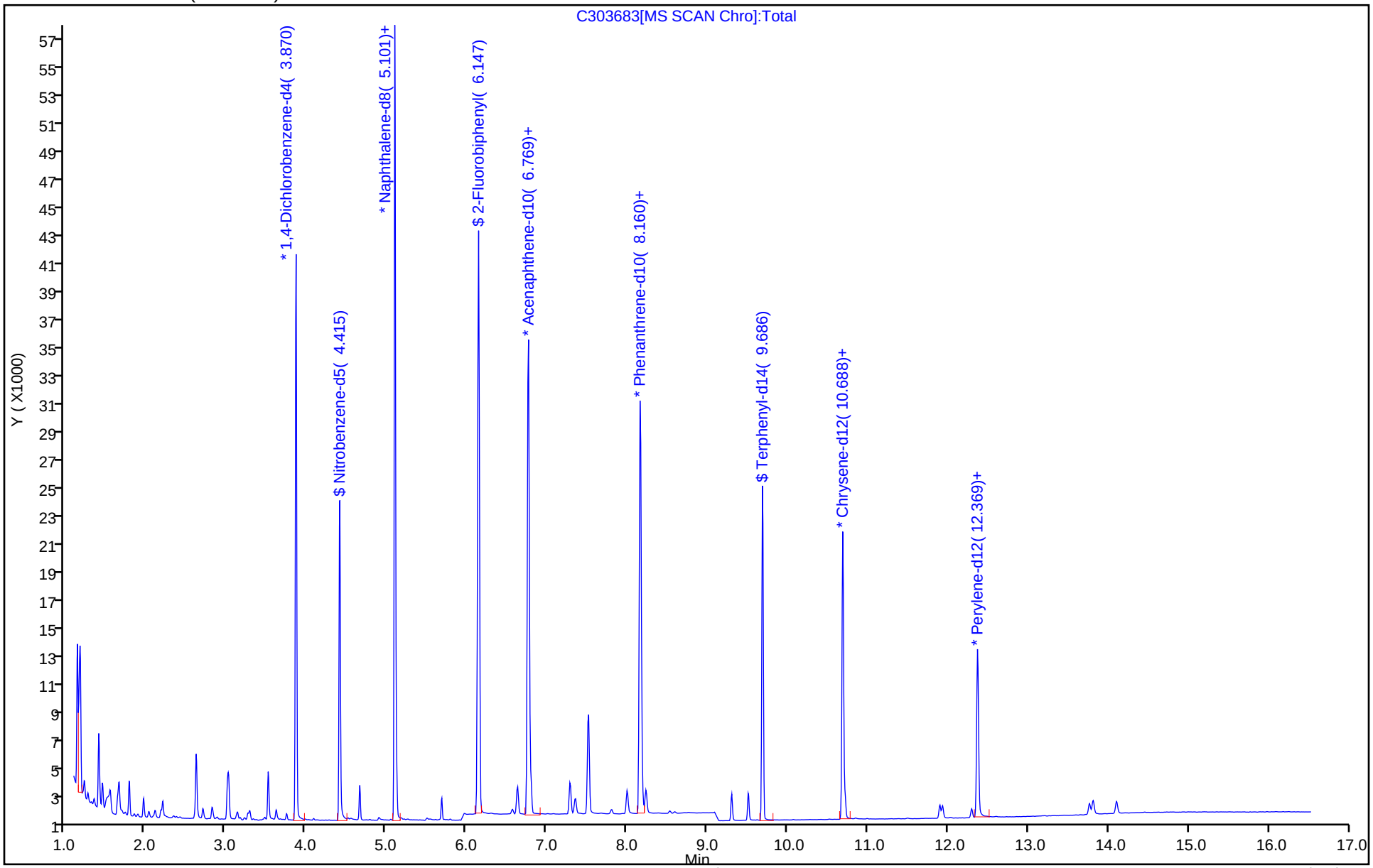
Lims ID: STD2 Worklist Smp#: 9

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

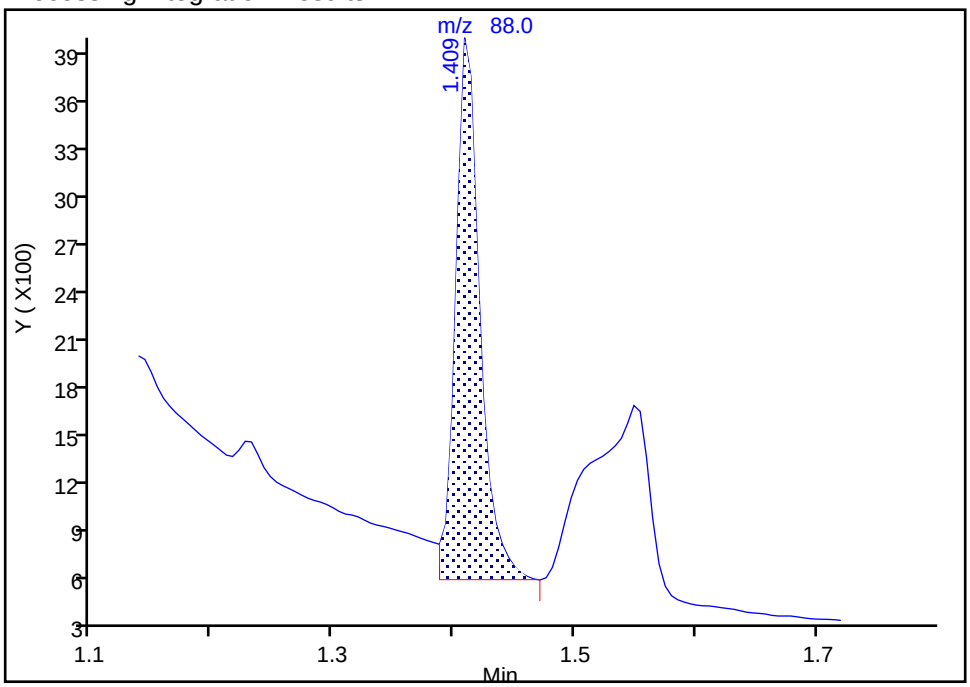
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303683.D				
Injection Date:	22-May-2024 10:45:30	Instrument ID:	CBNAMS13		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

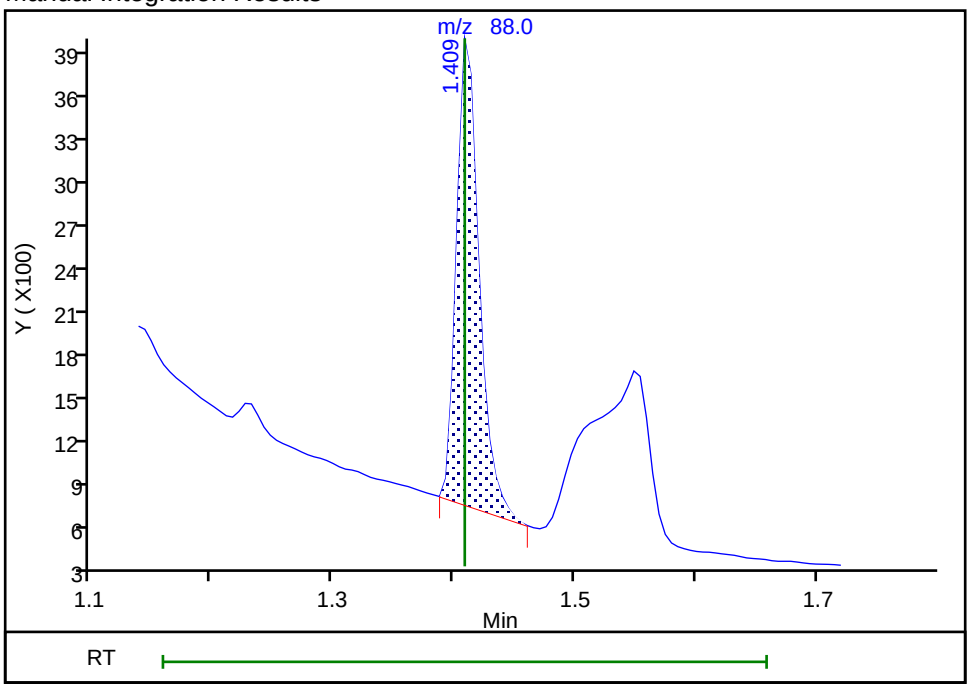
Processing Integration Results

RT: 1.41
Area: 4691
Amount: 0.100282
Amount Units: ug/ml



Manual Integration Results

RT: 1.41
Area: 4121
Amount: 0.096018
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 11:28:54 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

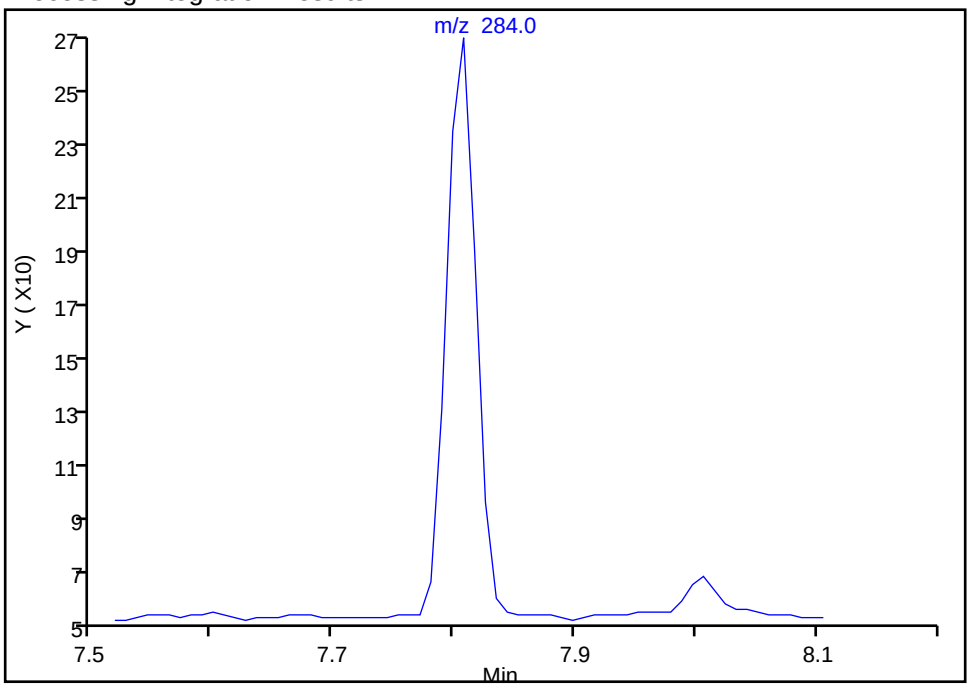
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303683.D				
Injection Date:	22-May-2024 10:45:30	Instrument ID:	CBNAMS13		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

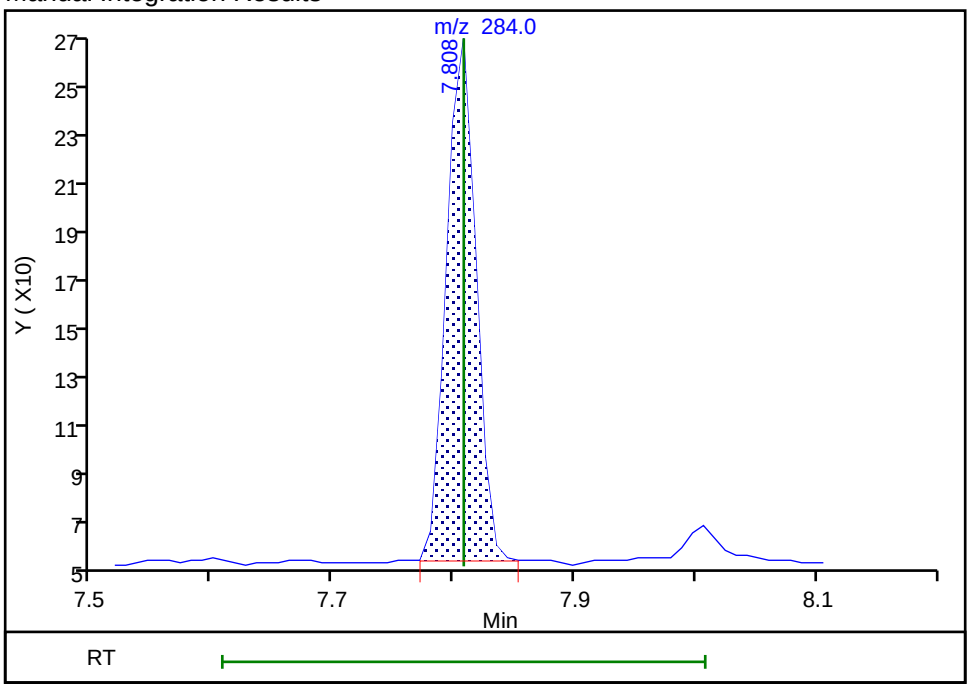
Processing Integration Results

Not Detected
Expected RT: 7.81



Manual Integration Results

RT: 7.81
Area: 354
Amount: 0.005167
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 11:11:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2024 11:06:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-010
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:50:23 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 11:28:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.414	1.409	0.005	83	830	0.0200	0.0199	M
2 N-Nitrosodimethylamine	74	1.663	1.622	0.041	14	820	0.0200	0.0161	
3 Bis(2-chloroethyl)ether	93	3.621	3.621	0.000	92	170	0.002000	0.001740	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	17855	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.416	4.416	0.000	96	9290	0.1000	0.0975	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	60121	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	99	1882	0.005000	0.005779	
$ 9 2-Fluorobiphenyl	172	6.147	6.147	0.000	100	24916	0.1000	0.1069	
10 Acenaphthylene	152	6.634	6.634	0.000	99	1458	0.005000	0.005138	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	28654	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	95	970	0.005000	0.005660	
13 Fluorene	166	7.284	7.284	0.000	96	1033	0.005000	0.005229	
14 4,6-Dinitro-2-methylphenol	198	7.357	7.356	0.001	97	539	0.0400	0.0358	
$ 23 2,4,6-Tribromophenol	330	7.519	7.519	0.000	99	3060	0.1000	0.0874	
15 Hexachlorobenzene	284	7.808	7.808	0.000	86	179	0.002000	0.002248	a
16 Pentachlorophenol	266	7.998	7.997	0.001	92	379	0.0200	0.0112	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	100	51706	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	92	1742	0.005000	0.005669	
19 Anthracene	178	8.232	8.232	0.000	100	1284	0.005000	0.005007	
20 Fluoranthene	202	9.304	9.304	0.000	99	1531	0.005000	0.005330	
21 Pyrene	202	9.508	9.508	0.000	99	1526	0.005000	0.005420	
$ 22 Terphenyl-d14	244	9.686	9.693	-0.007	98	14833	0.1000	0.1026	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	90	1087	0.005000	0.005375	
* 25 Chrysene-d12	240	10.688	10.688	0.000	99	29830	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	92	1350	0.005000	0.005876	
27 Benzo[b]fluoranthene	252	11.901	11.901	0.000	100	865	0.005000	0.005124	
28 Benzo[k]fluoranthene	252	11.934	11.934	0.000	93	880	0.005000	0.004937	
29 Benzo[a]pyrene	252	12.297	12.296	0.001	97	569	0.005000	0.004929	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	21043	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	98	770	0.005000	0.004789	
32 Dibenz(a,h)anthracene	278	13.813	13.812	0.001	46	727	0.005000	0.004457	

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	14.103	14.103	0.001	96	862	0.005000	0.004929	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL1_00019 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 11:50:23 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Injection Date: 22-May-2024 11:06:30 Instrument ID: CBNAMS13 Operator ID:

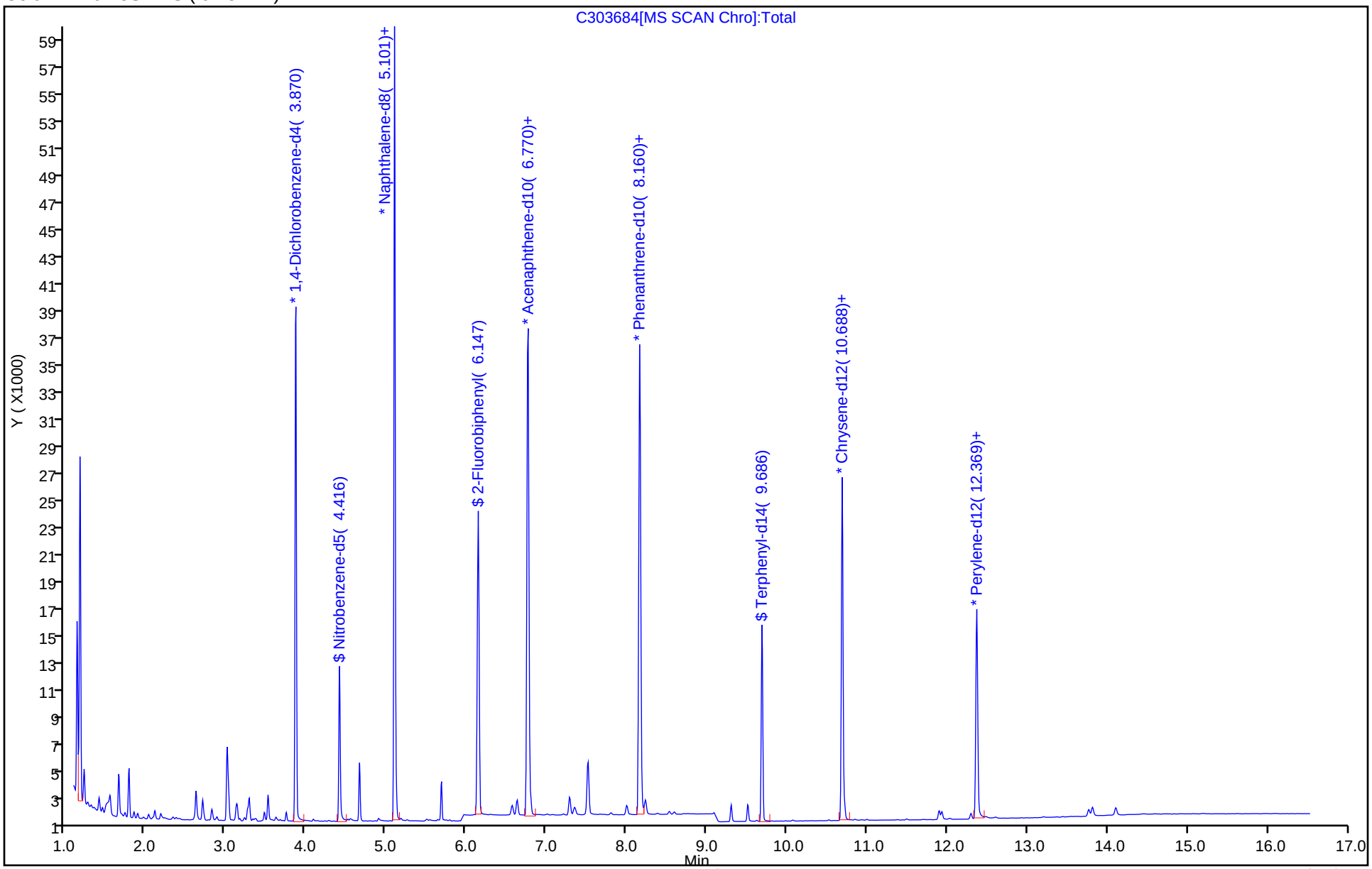
Lims ID: STD1 Worklist Smp#: 10

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)



Manual Integration/User Assign Peak Report

Eurofins Edison

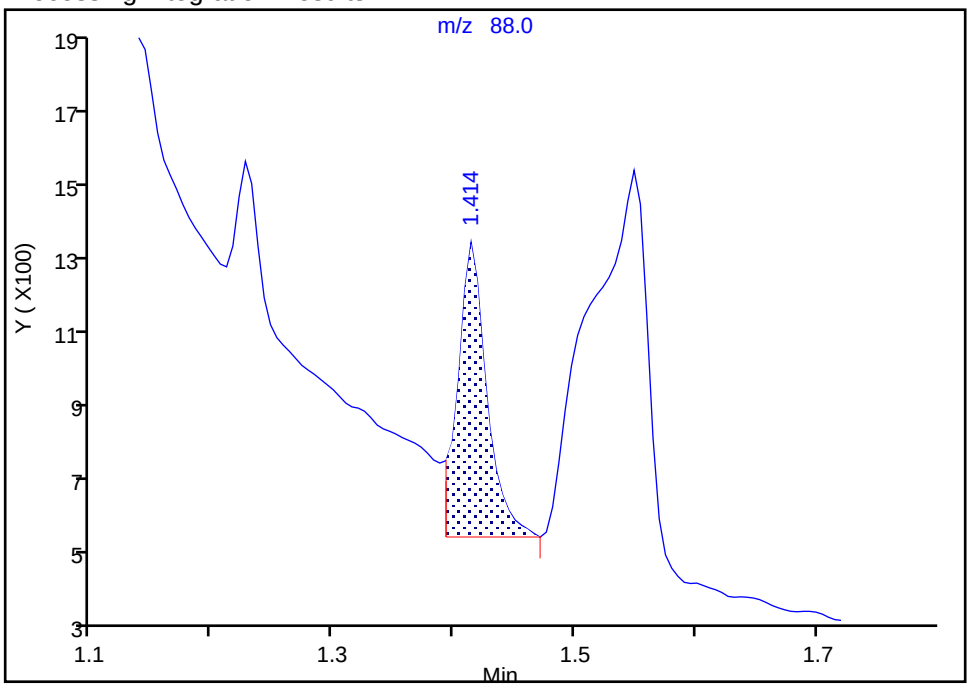
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Injection Date:	22-May-2024 11:06:30	Instrument ID:	CBNAMS13		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

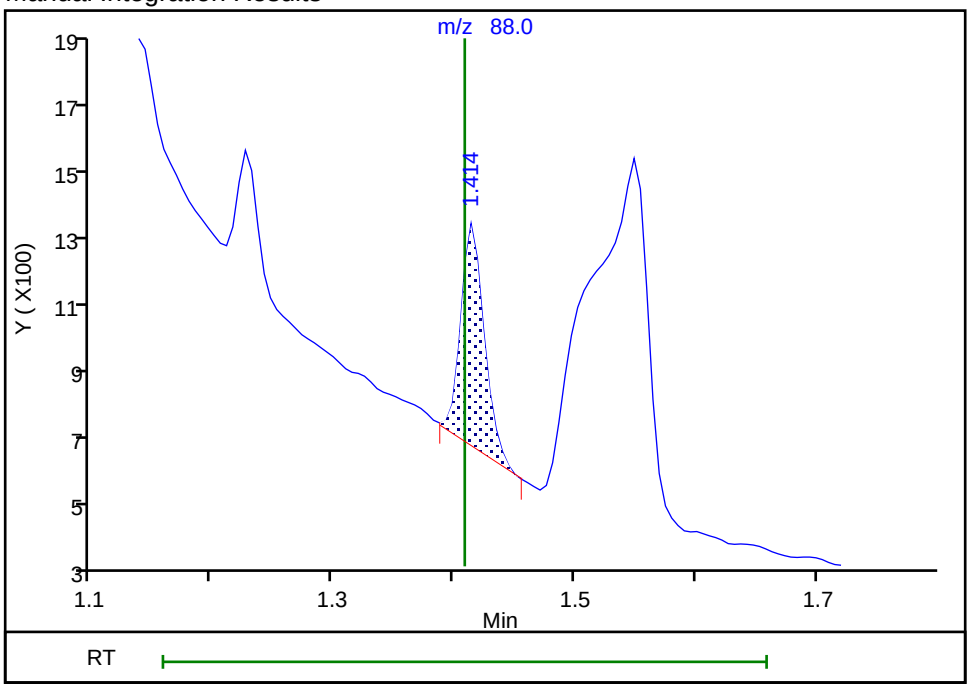
Processing Integration Results

RT: 1.41
Area: 1265
Amount: 0.028313
Amount Units: ug/ml



Manual Integration Results

RT: 1.41
Area: 830
Amount: 0.019939
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 11:29:05 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

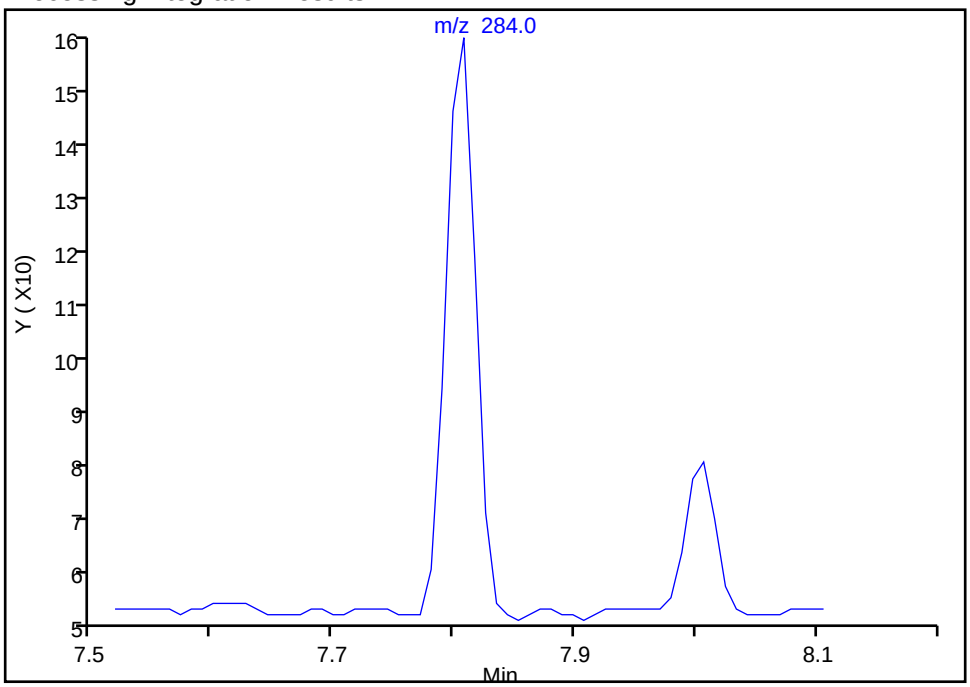
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Injection Date:	22-May-2024 11:06:30	Instrument ID:	CBNAMS13		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

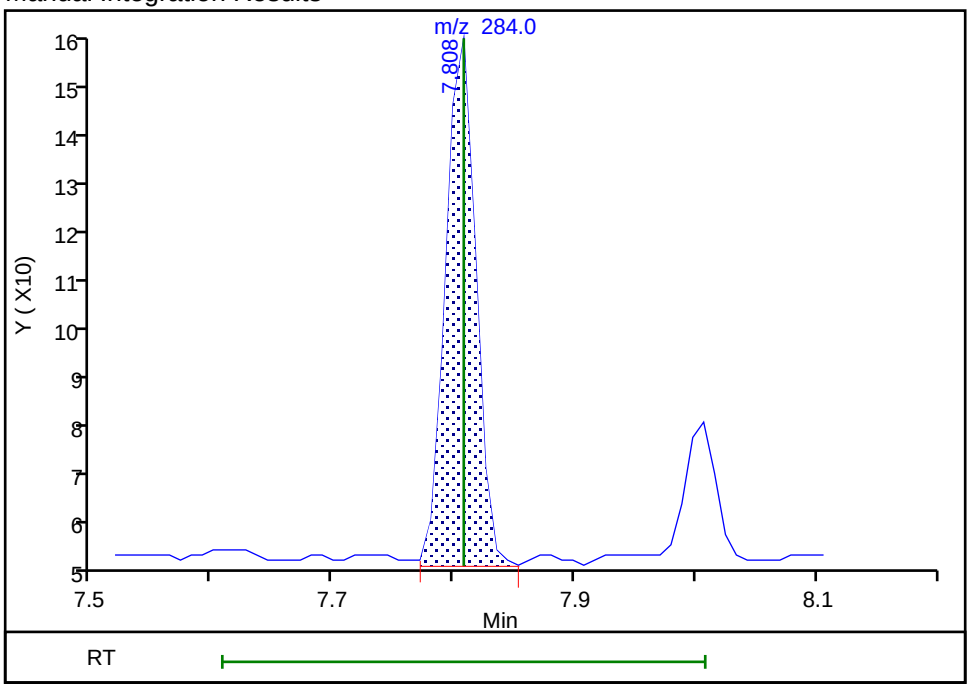
Not Detected
Expected RT: 7.81

Processing Integration Results



Manual Integration Results

RT: 7.81
Area: 179
Amount: 0.002248
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 11:28:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / 1,4-Dioxane

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

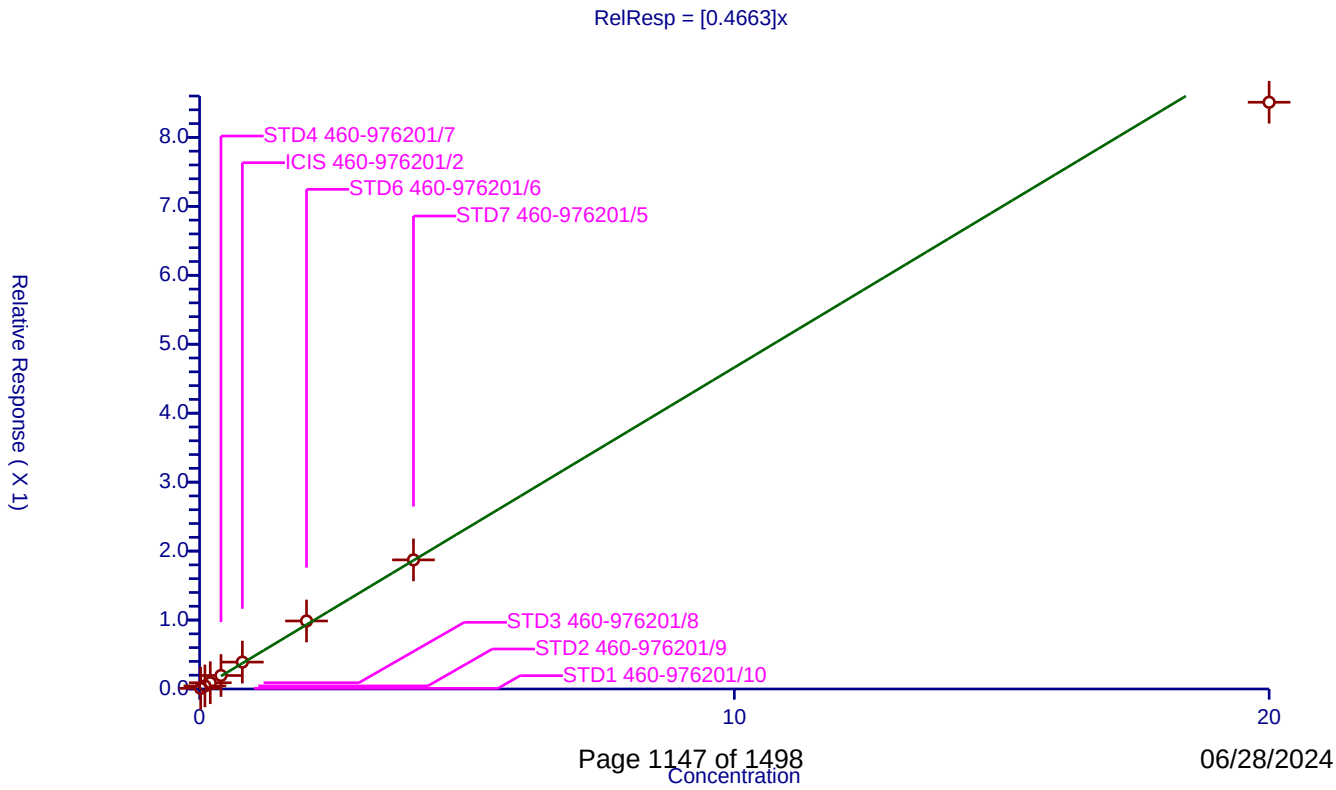
Curve Coefficients

Intercept:	0
Slope:	0.4663

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.02	0.009297	0.2	17855.0	0.464856	Y
2	STD2 460-976201/9	0.1	0.044772	0.2	18409.0	0.447716	Y
3	STD3 460-976201/8	0.2	0.090856	0.2	19347.0	0.454282	Y
4	STD4 460-976201/7	0.4	0.195594	0.2	16749.0	0.488984	Y
5	ICIS 460-976201/2	0.8	0.390053	0.2	18157.0	0.487567	Y
6	STD6 460-976201/6	2.0	0.986554	0.2	14398.0	0.493277	Y
7	STD7 460-976201/5	4.0	1.872493	0.2	13171.0	0.468123	Y
8	STD8 460-976201/3	20.0	8.50953	0.2	16328.0	0.425476	Y



Calibration / N-Nitrosodimethylamine

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

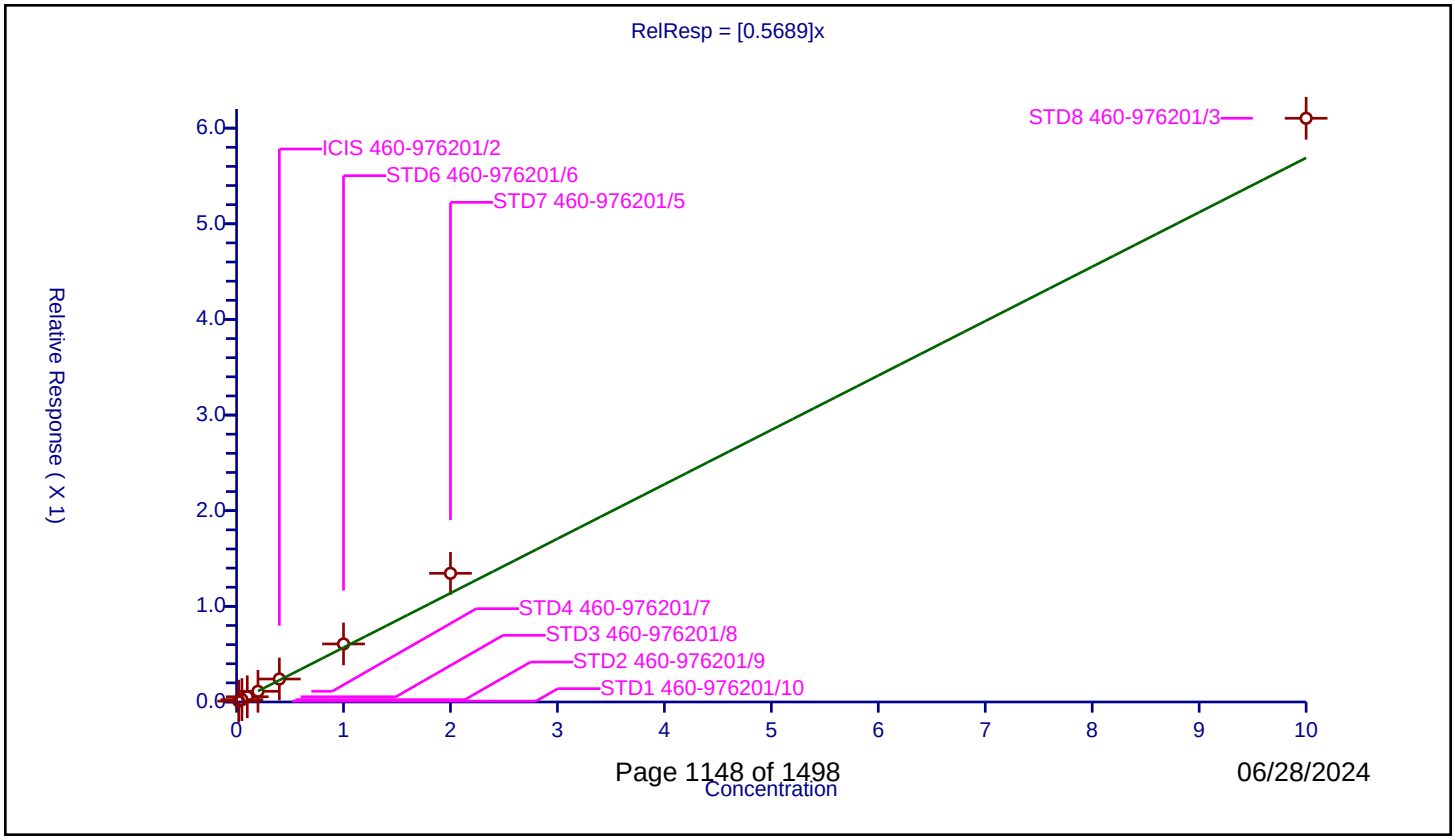
Curve Coefficients

Intercept:	0
Slope:	0.5689

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.02	0.009185	0.2	17855.0	0.459255	Y
2	STD2 460-976201/9	0.05	0.024705	0.2	18409.0	0.494106	Y
3	STD3 460-976201/8	0.1	0.054706	0.2	19347.0	0.547062	Y
4	STD4 460-976201/7	0.2	0.112078	0.2	16749.0	0.560392	Y
5	ICIS 460-976201/2	0.4	0.240205	0.2	18157.0	0.600512	Y
6	STD6 460-976201/6	1.0	0.606793	0.2	14398.0	0.606793	Y
7	STD7 460-976201/5	2.0	1.345319	0.2	13171.0	0.67266	Y
8	STD8 460-976201/3	10.0	6.103295	0.2	16328.0	0.610329	Y



Calibration / Bis(2-chloroethyl)ether

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

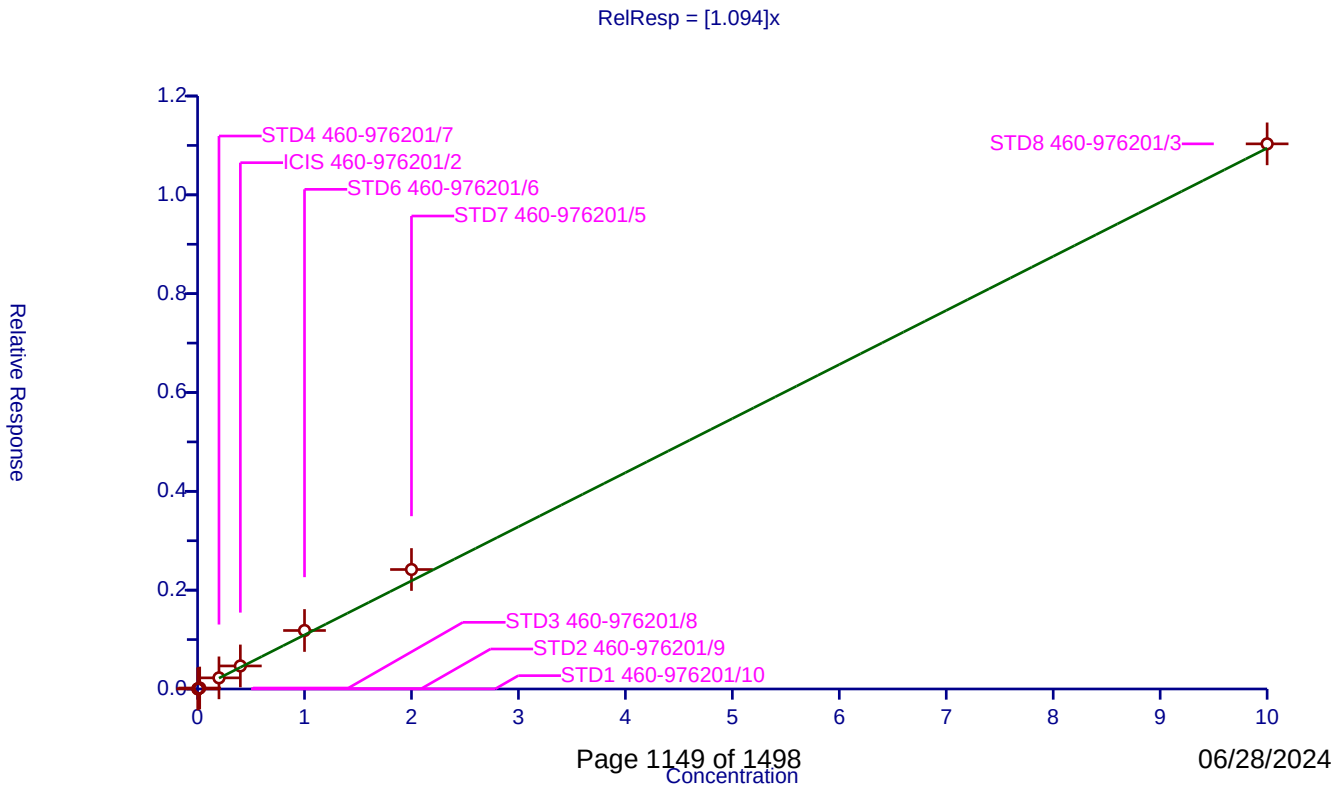
Curve Coefficients

Intercept:	0
Slope:	1.094

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.002	0.001904	0.2	17855.0	0.952114	Y
2	STD2 460-976201/9	0.005	0.005095	0.2	18409.0	1.019067	Y
3	STD3 460-976201/8	0.02	0.019941	0.2	19347.0	0.997054	Y
4	STD4 460-976201/7	0.2	0.225064	0.2	16749.0	1.125321	Y
5	ICIS 460-976201/2	0.4	0.466299	0.2	18157.0	1.165749	Y
6	STD6 460-976201/6	1.0	1.183803	0.2	14398.0	1.183803	Y
7	STD7 460-976201/5	2.0	2.417766	0.2	13171.0	1.208883	Y
8	STD8 460-976201/3	10.0	11.031872	0.2	16328.0	1.103187	Y



Calibration / Nitrobenzene-d5

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

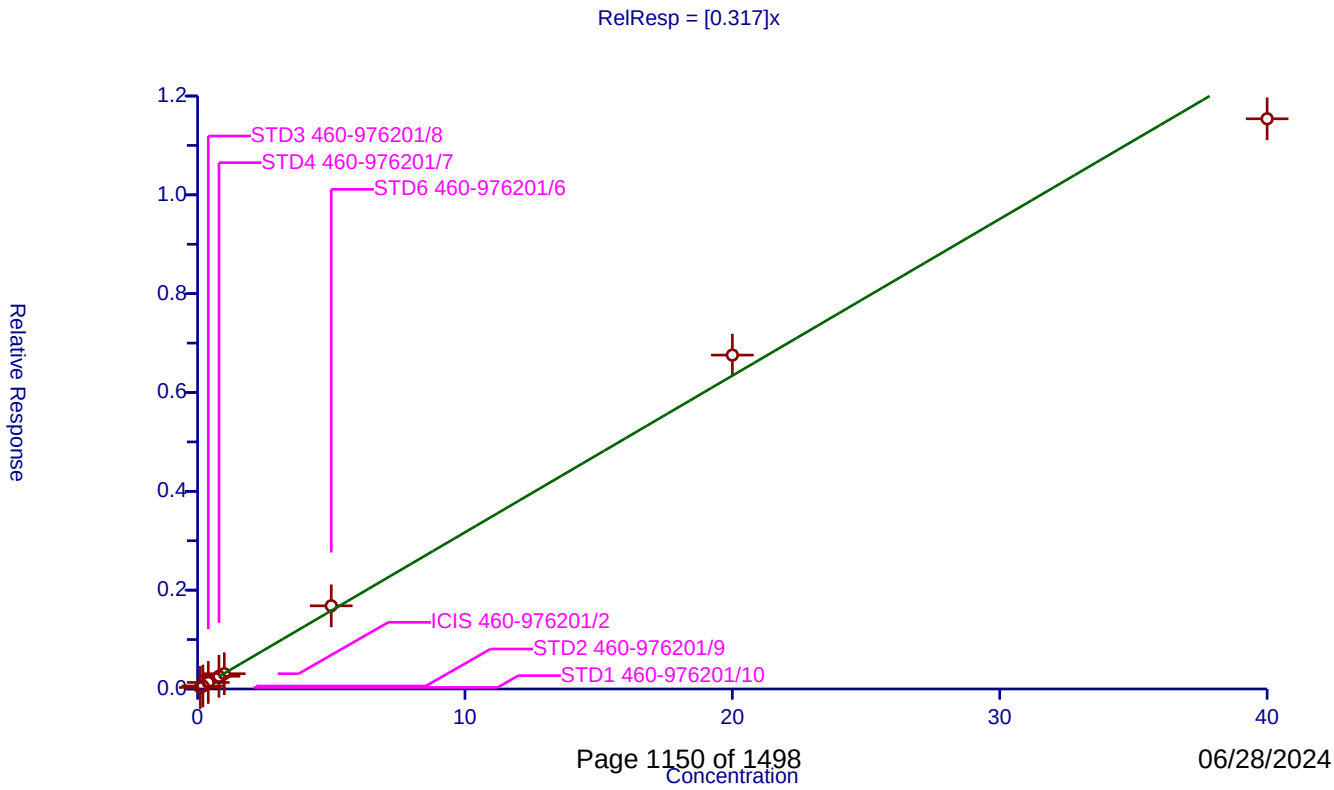
Curve Coefficients

Intercept:	0
Slope:	0.317

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.1	0.030904	0.2	60121.0	0.309043	Y
2	STD2 460-976201/9	0.2	0.060557	0.2	59263.0	0.302786	Y
3	STD3 460-976201/8	0.4	0.132206	0.2	62374.0	0.330514	Y
4	STD4 460-976201/7	0.8	0.257739	0.2	55062.0	0.322173	Y
5	ICIS 460-976201/2	1.0	0.308767	0.2	62335.0	0.308767	Y
6	STD6 460-976201/6	5.0	1.683016	0.2	48521.0	0.336603	Y
7	STD7 460-976201/5	20.0	6.757094	0.2	44320.0	0.337855	Y
8	STD8 460-976201/3	40.0	11.539283	0.2	55461.0	0.288482	Y



Calibration / Naphthalene

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

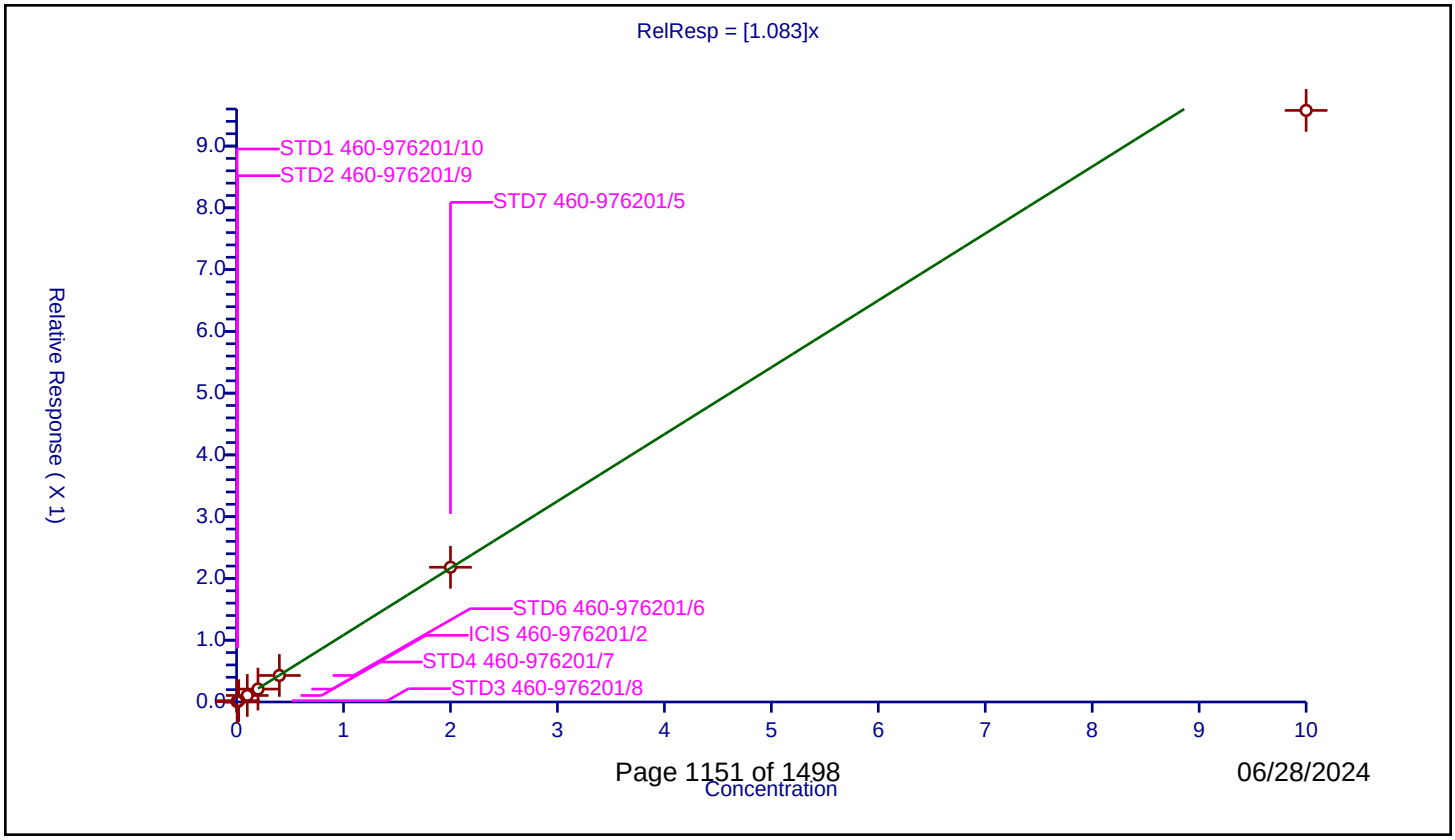
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.006261	0.2	60121.0	1.252142	Y
2	STD2 460-976201/9	0.01	0.011549	0.2	59263.0	1.154852	Y
3	STD3 460-976201/8	0.02	0.020743	0.2	62374.0	1.037131	Y
4	STD4 460-976201/7	0.1	0.105521	0.2	55062.0	1.05521	Y
5	ICIS 460-976201/2	0.2	0.209279	0.2	62335.0	1.046394	Y
6	STD6 460-976201/6	0.4	0.429352	0.2	48521.0	1.073381	Y
7	STD7 460-976201/5	2.0	2.1812	0.2	44320.0	1.0906	Y
8	STD8 460-976201/3	10.0	9.577613	0.2	55461.0	0.957761	Y



Calibration / 2-Fluorobiphenyl

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

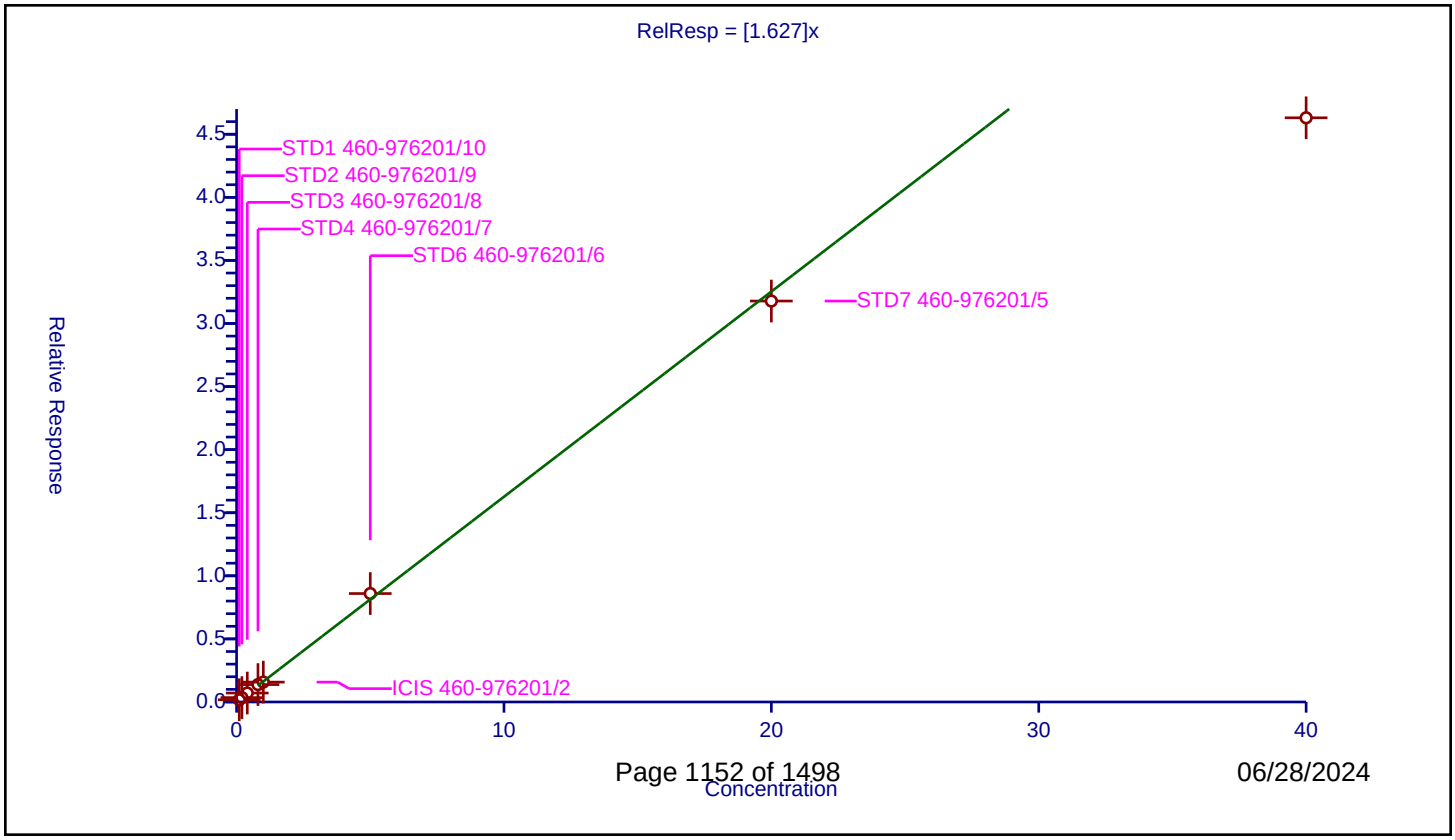
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.1	0.173909	0.2	28654.0	1.739094	Y
2	STD2 460-976201/9	0.2	0.346808	0.2	26444.0	1.734042	Y
3	STD3 460-976201/8	0.4	0.709373	0.2	29265.0	1.773432	Y
4	STD4 460-976201/7	0.8	1.379378	0.2	25410.0	1.724223	Y
5	ICIS 460-976201/2	1.0	1.575972	0.2	30290.0	1.575972	Y
6	STD6 460-976201/6	5.0	8.595922	0.2	23492.0	1.719184	Y
7	STD7 460-976201/5	20.0	31.780155	0.2	20650.0	1.589008	Y
8	STD8 460-976201/3	40.0	46.304359	0.2	29849.0	1.157609	Y



Calibration / Acenaphthylene

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

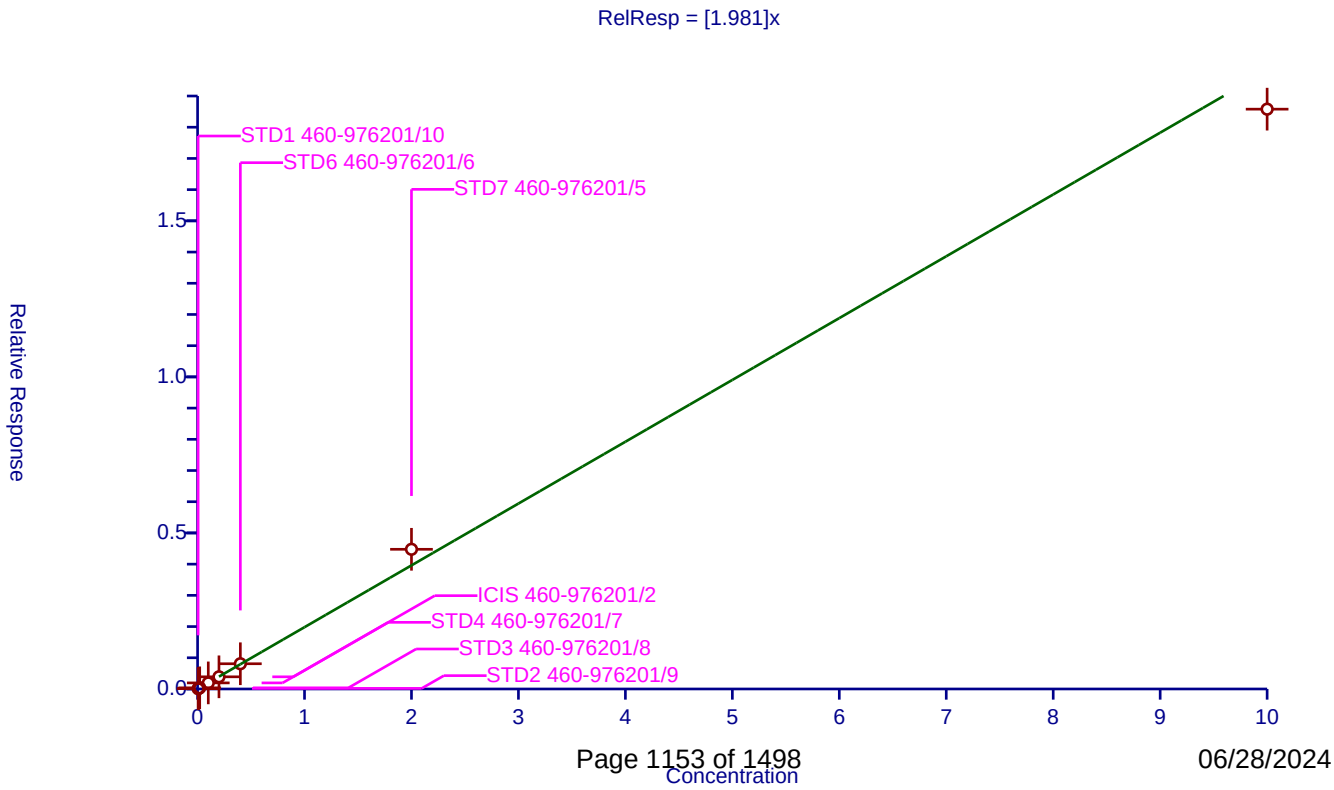
Curve Coefficients

Intercept:	0
Slope:	1.981

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.010177	0.2	28654.0	2.035318	Y
2	STD2 460-976201/9	0.01	0.019271	0.2	26444.0	1.927091	Y
3	STD3 460-976201/8	0.02	0.037171	0.2	29265.0	1.858534	Y
4	STD4 460-976201/7	0.1	0.195372	0.2	25410.0	1.953719	Y
5	ICIS 460-976201/2	0.2	0.390353	0.2	30290.0	1.951766	Y
6	STD6 460-976201/6	0.4	0.809033	0.2	23492.0	2.022582	Y
7	STD7 460-976201/5	2.0	4.475671	0.2	20650.0	2.237835	Y
8	STD8 460-976201/3	10.0	18.579028	0.2	29849.0	1.857903	Y



Calibration / Acenaphthene

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

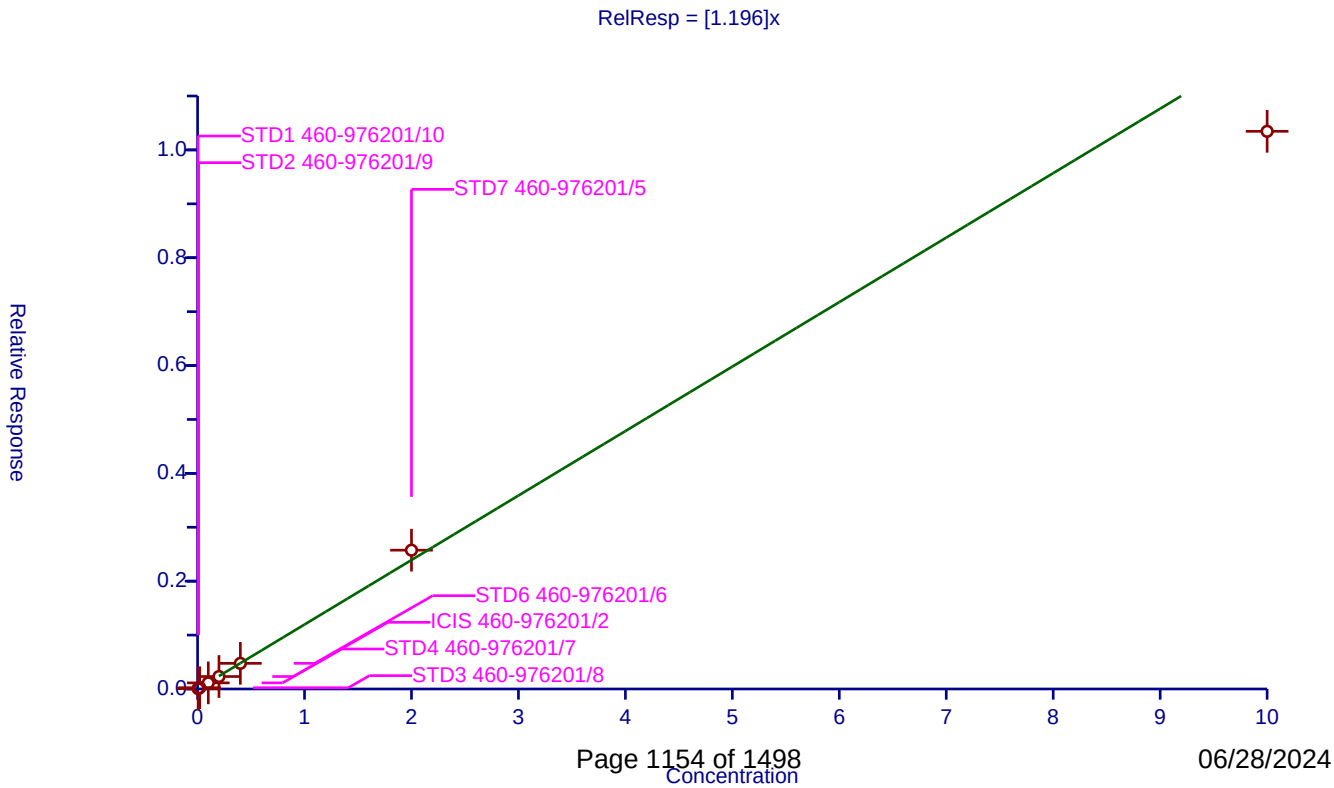
Curve Coefficients

Intercept:	0
Slope:	1.196

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.00677	0.2	28654.0	1.354087	Y
2	STD2 460-976201/9	0.01	0.012366	0.2	26444.0	1.236575	Y
3	STD3 460-976201/8	0.02	0.023496	0.2	29265.0	1.174782	Y
4	STD4 460-976201/7	0.1	0.113672	0.2	25410.0	1.136718	Y
5	ICIS 460-976201/2	0.2	0.231218	0.2	30290.0	1.156091	Y
6	STD6 460-976201/6	0.4	0.475549	0.2	23492.0	1.188873	Y
7	STD7 460-976201/5	2.0	2.574847	0.2	20650.0	1.287424	Y
8	STD8 460-976201/3	10.0	10.345204	0.2	29849.0	1.03452	Y



Calibration / Fluorene

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

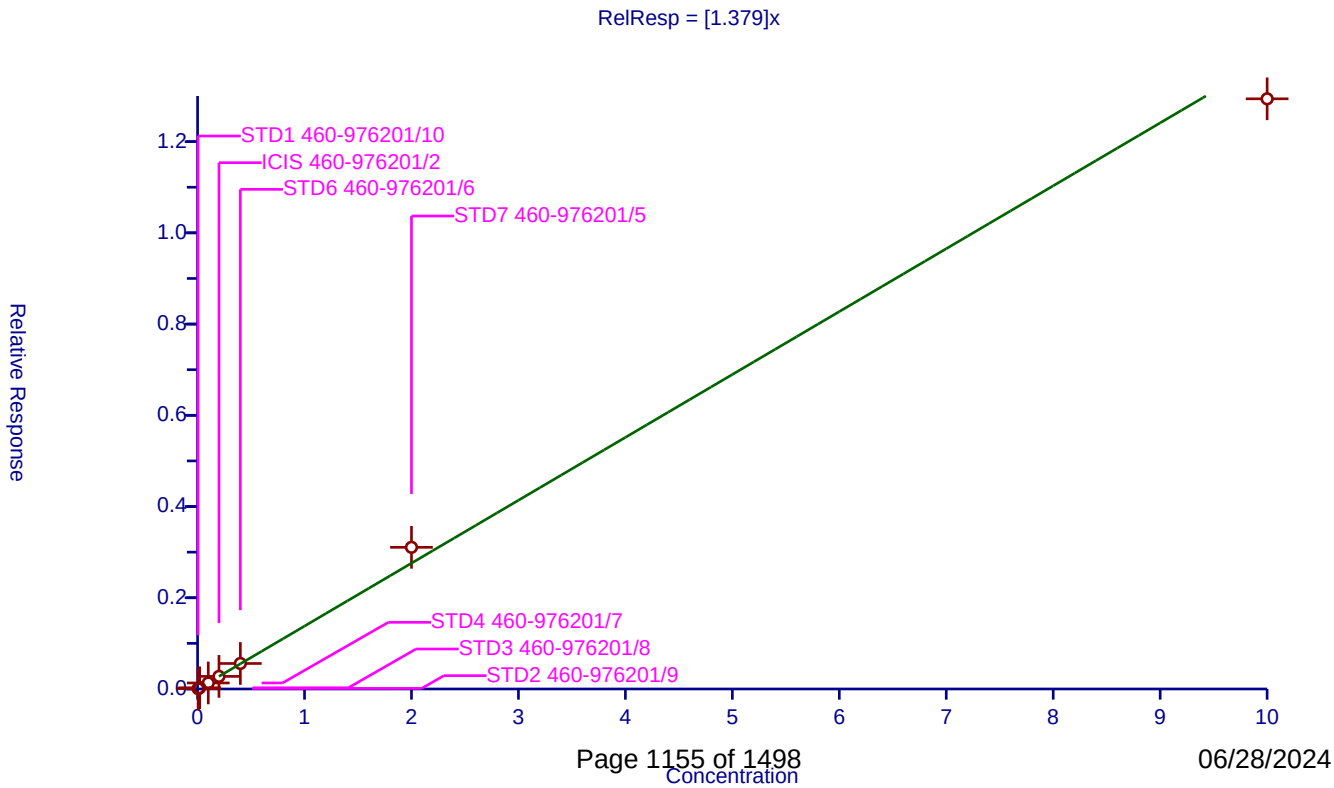
Curve Coefficients

Intercept:	0
Slope:	1.379

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.00721	0.2	28654.0	1.442033	Y
2	STD2 460-976201/9	0.01	0.013167	0.2	26444.0	1.316745	Y
3	STD3 460-976201/8	0.02	0.026462	0.2	29265.0	1.323082	Y
4	STD4 460-976201/7	0.1	0.132287	0.2	25410.0	1.322865	Y
5	ICIS 460-976201/2	0.2	0.276434	0.2	30290.0	1.382172	Y
6	STD6 460-976201/6	0.4	0.559178	0.2	23492.0	1.397944	Y
7	STD7 460-976201/5	2.0	3.105985	0.2	20650.0	1.552993	Y
8	STD8 460-976201/3	10.0	12.93835	0.2	29849.0	1.293835	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

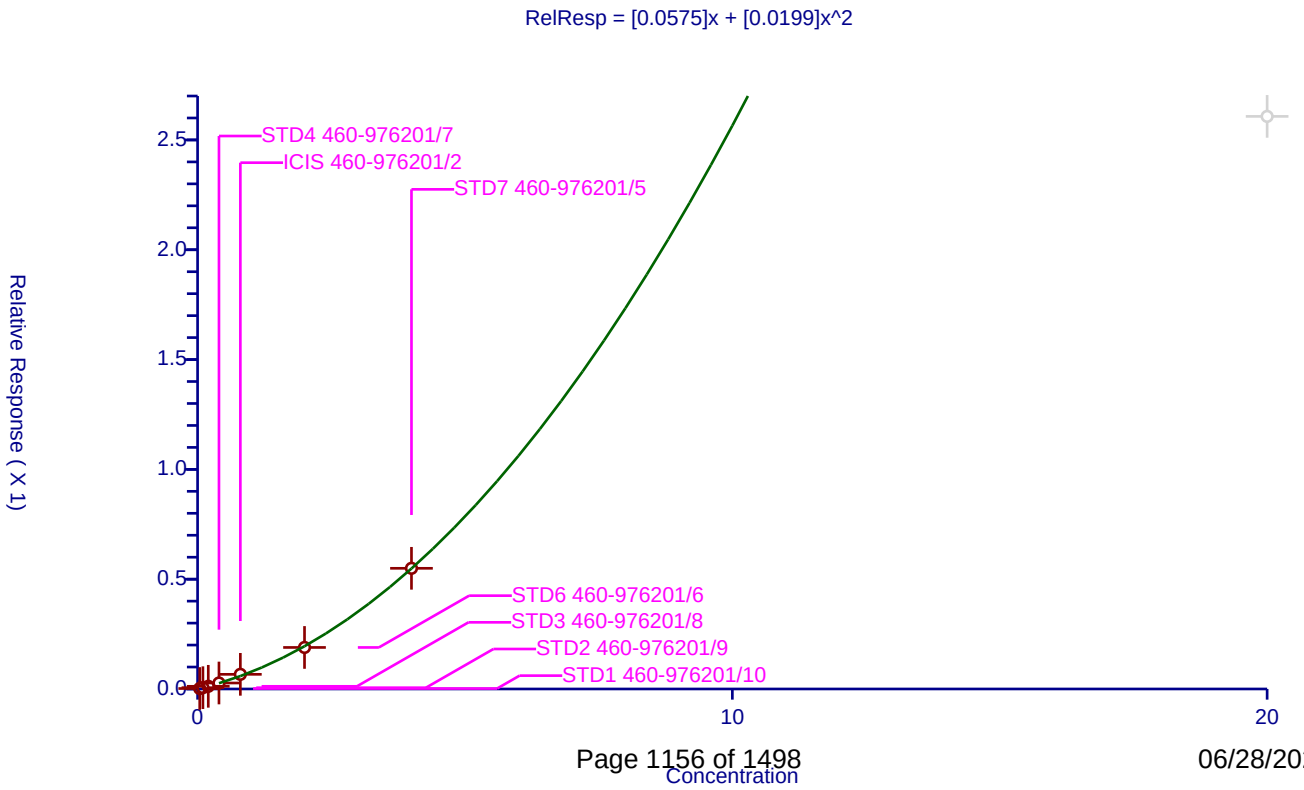
Curve Coefficients

Intercept:	0
Slope:	0.0575
Second Order:	0.0199

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.04	0.002085	0.2	51706.0	0.052122	Y
2	STD2 460-976201/9	0.1	0.005931	0.2	44480.0	0.059308	Y
3	STD3 460-976201/8	0.2	0.012189	0.2	53079.0	0.060947	Y
4	STD4 460-976201/7	0.4	0.027266	0.2	44326.0	0.068165	Y
5	ICIS 460-976201/2	0.8	0.066779	0.2	55434.0	0.083473	Y
6	STD6 460-976201/6	2.0	0.189102	0.2	41971.0	0.094551	Y
7	STD7 460-976201/5	4.0	0.549466	0.2	36534.0	0.137367	Y
8	STD8 460-976201/3	20.0	2.607194	0.2	57158.0	0.13036	N



Calibration / 2,4,6-Tribromophenol

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

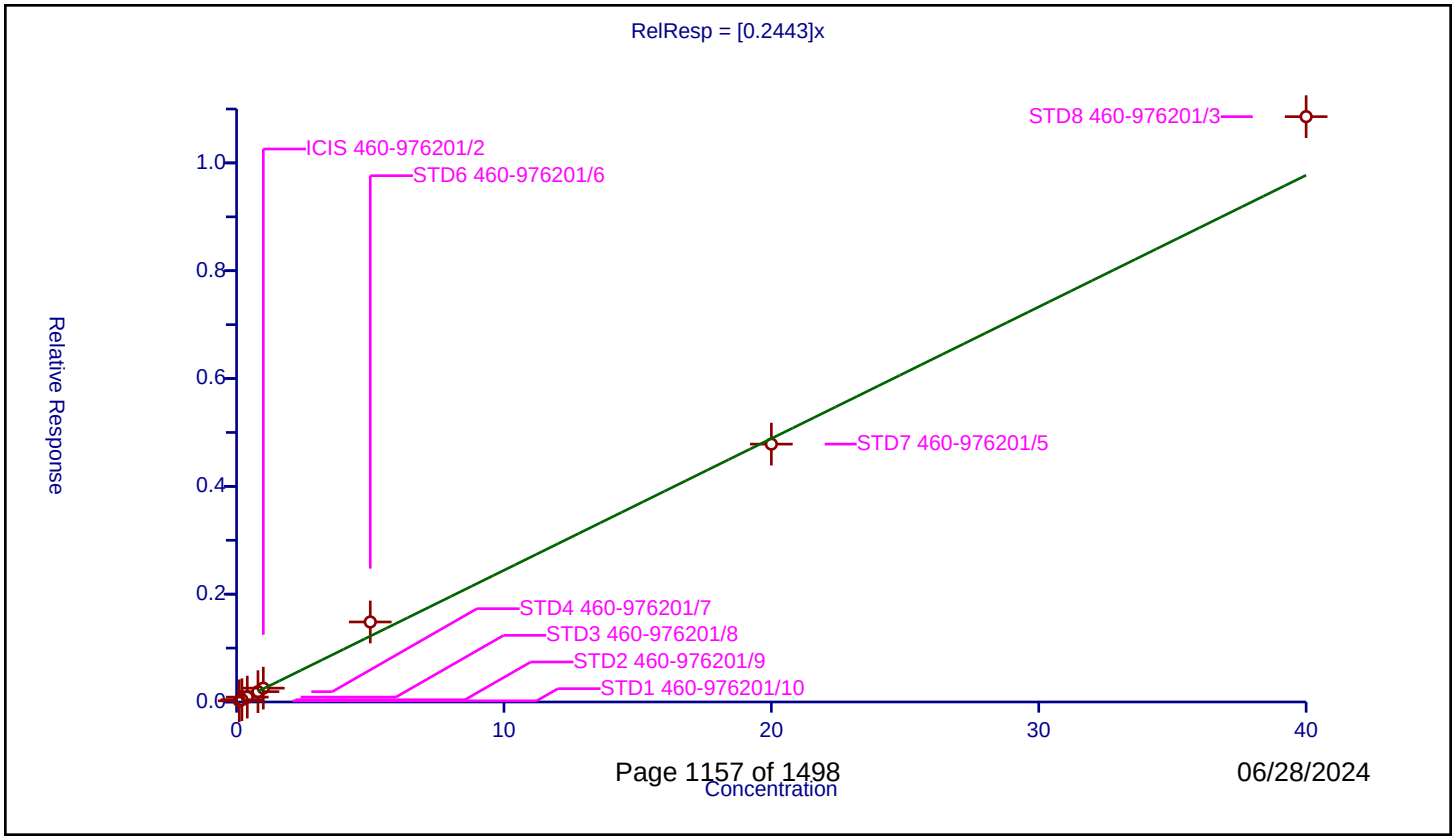
Curve Coefficients

Intercept:	0
Slope:	0.2443

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.1	0.021358	0.2	28654.0	0.213583	Y
2	STD2 460-976201/9	0.2	0.041991	0.2	26444.0	0.209953	Y
3	STD3 460-976201/8	0.4	0.090716	0.2	29265.0	0.22679	Y
4	STD4 460-976201/7	0.8	0.191736	0.2	25410.0	0.239669	Y
5	ICIS 460-976201/2	1.0	0.256949	0.2	30290.0	0.256949	Y
6	STD6 460-976201/6	5.0	1.484344	0.2	23492.0	0.296869	Y
7	STD7 460-976201/5	20.0	4.783729	0.2	20650.0	0.239186	Y
8	STD8 460-976201/3	40.0	10.858394	0.2	29849.0	0.27146	Y



Calibration / Hexachlorobenzene

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

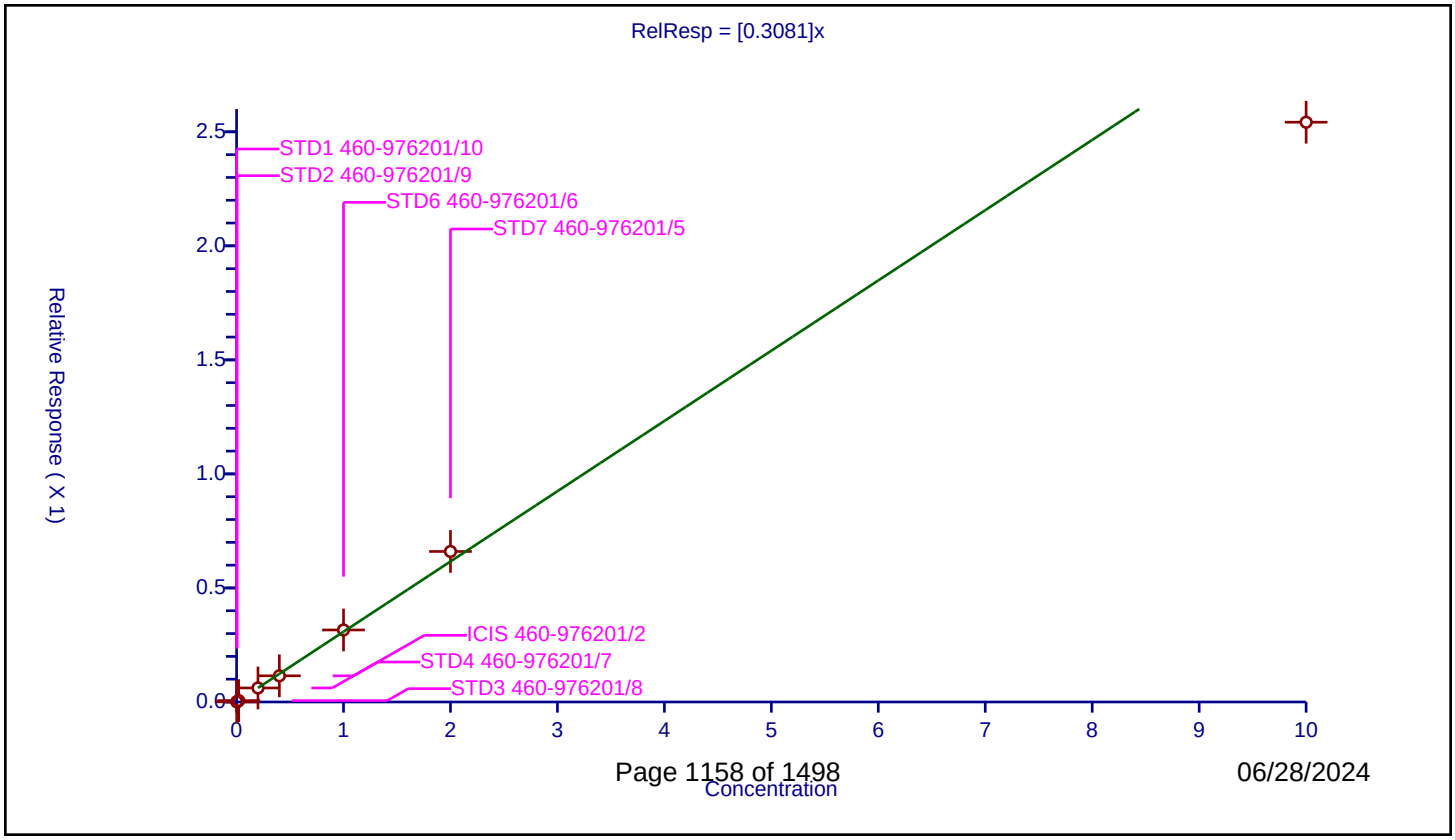
Curve Coefficients

Intercept:	0
Slope:	0.3081

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.002	0.000692	0.2	51706.0	0.346188	Y
2	STD2 460-976201/9	0.005	0.001592	0.2	44480.0	0.318345	Y
3	STD3 460-976201/8	0.02	0.006112	0.2	53079.0	0.305582	Y
4	STD4 460-976201/7	0.2	0.061476	0.2	44326.0	0.307382	Y
5	ICIS 460-976201/2	0.4	0.114778	0.2	55434.0	0.286945	Y
6	STD6 460-976201/6	1.0	0.315794	0.2	41971.0	0.315794	Y
7	STD7 460-976201/5	2.0	0.659933	0.2	36534.0	0.329967	Y
8	STD8 460-976201/3	10.0	2.542122	0.2	57158.0	0.254212	Y



Calibration / Pentachlorophenol

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

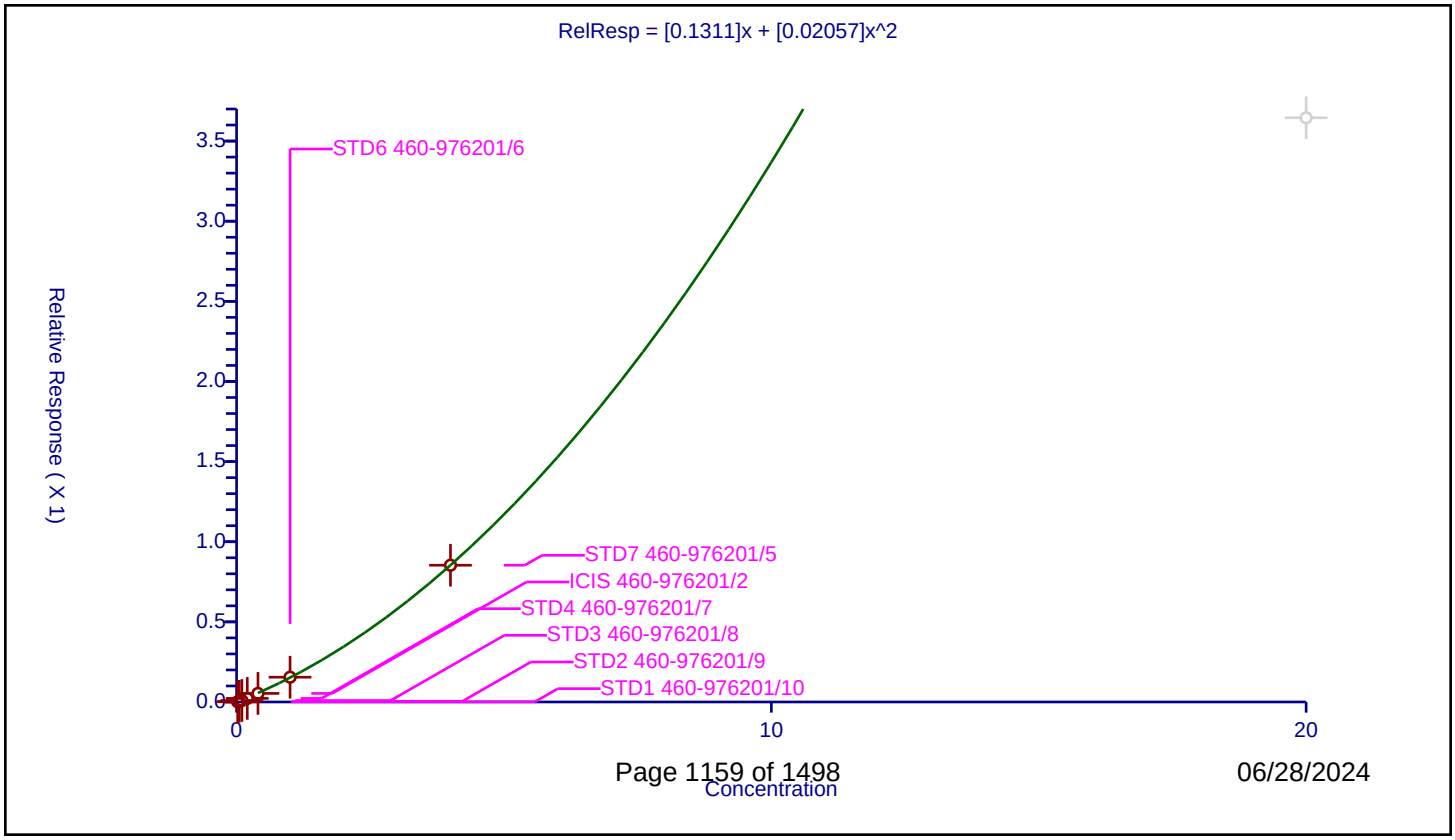
Curve Coefficients

Intercept:	0
Slope:	0.1311
Second Order:	0.02057

Error Coefficients

Relative Standard Deviation:	29.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.02	0.001466	0.2	51706.0	0.073299	Y
2	STD2 460-976201/9	0.05	0.004312	0.2	44480.0	0.086241	Y
3	STD3 460-976201/8	0.1	0.009277	0.2	53079.0	0.092767	Y
4	STD4 460-976201/7	0.2	0.022321	0.2	44326.0	0.111605	Y
5	ICIS 460-976201/2	0.4	0.053444	0.2	55434.0	0.133609	Y
6	STD6 460-976201/6	1.0	0.154664	0.2	41971.0	0.154664	Y
7	STD7 460-976201/5	4.0	0.853375	0.2	36534.0	0.213344	Y
8	STD8 460-976201/3	20.0	3.645463	0.2	57158.0	0.182273	N



Calibration / Phenanthrene

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

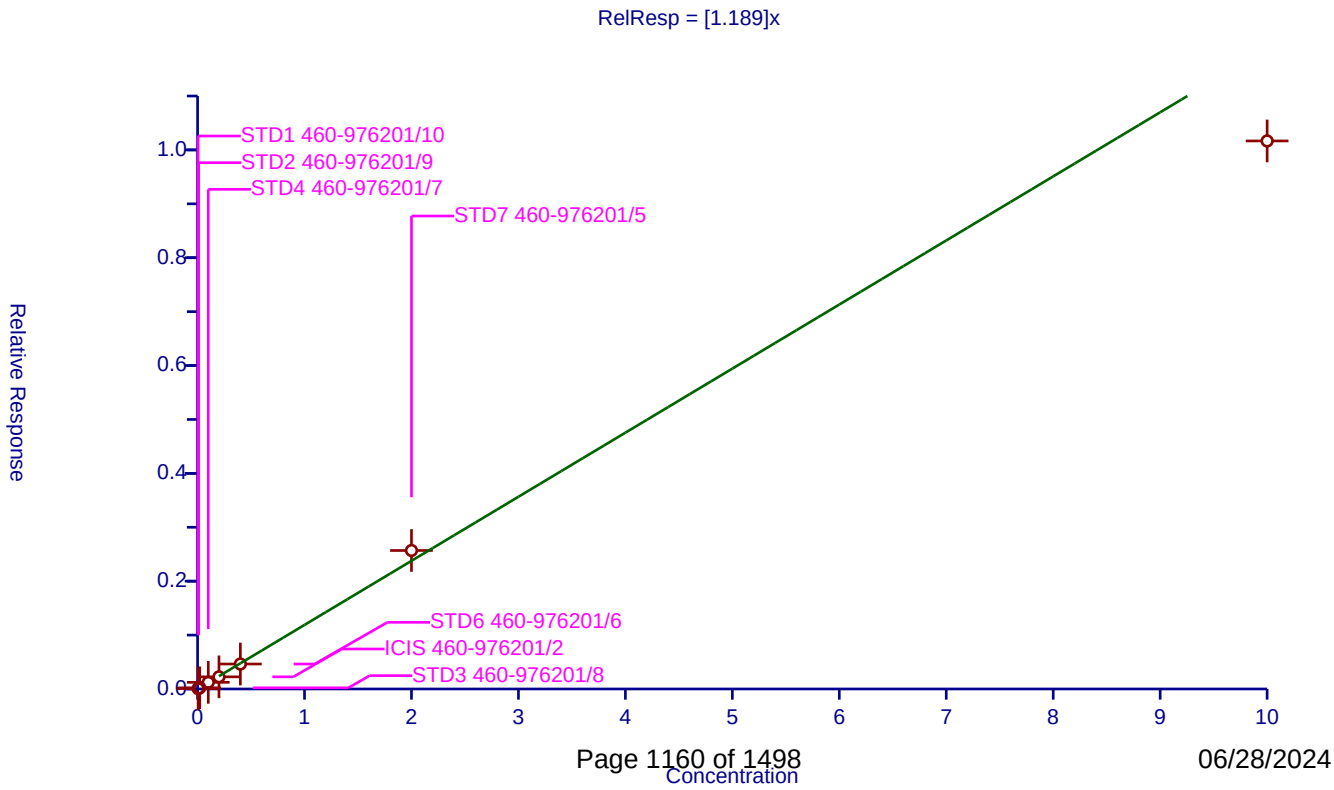
Curve Coefficients

Intercept:	0
Slope:	1.189

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.006738	0.2	51706.0	1.347619	Y
2	STD2 460-976201/9	0.01	0.012635	0.2	44480.0	1.263489	Y
3	STD3 460-976201/8	0.02	0.021572	0.2	53079.0	1.078581	Y
4	STD4 460-976201/7	0.1	0.12321	0.2	44326.0	1.232099	Y
5	ICIS 460-976201/2	0.2	0.225465	0.2	55434.0	1.127323	Y
6	STD6 460-976201/6	0.4	0.463453	0.2	41971.0	1.158633	Y
7	STD7 460-976201/5	2.0	2.568977	0.2	36534.0	1.284488	Y
8	STD8 460-976201/3	10.0	10.166608	0.2	57158.0	1.016661	Y



Calibration / Anthracene

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

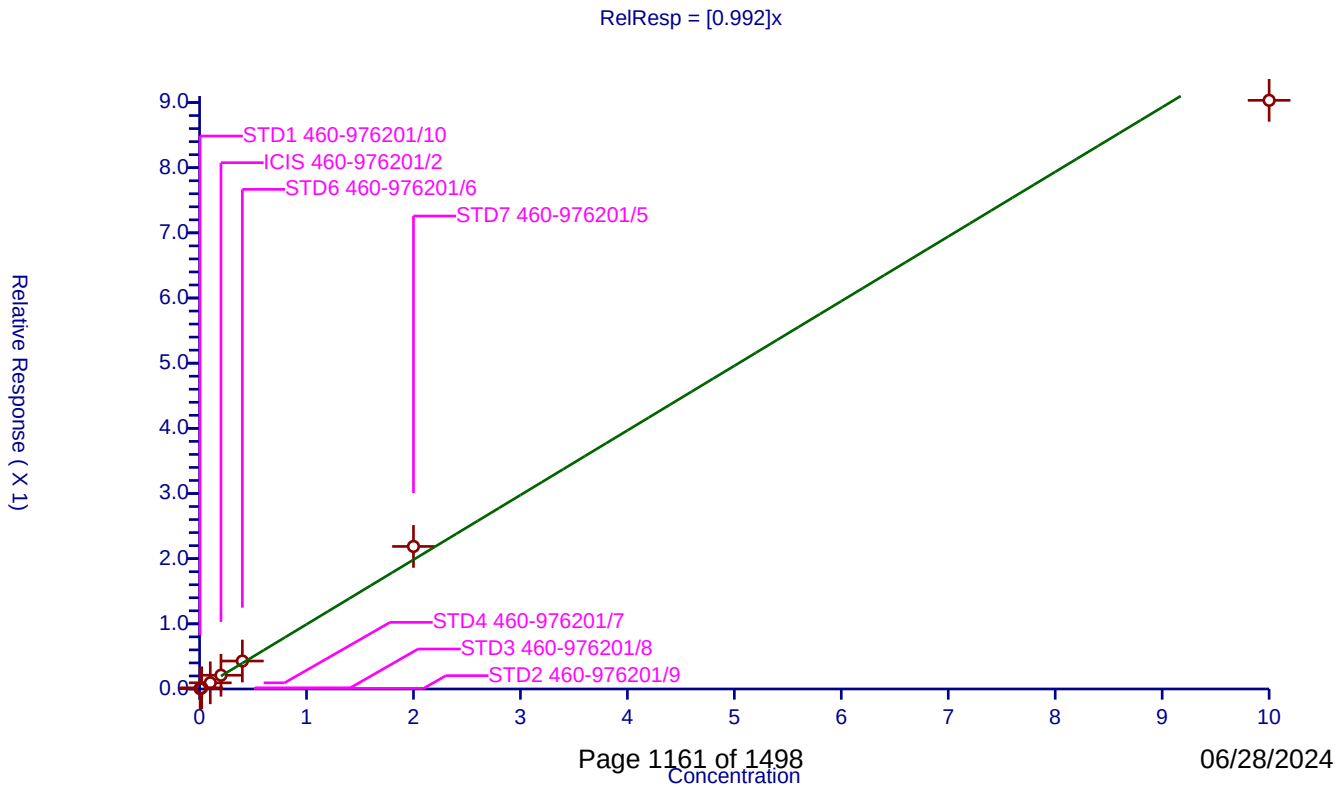
Curve Coefficients

Intercept:	0
Slope:	0.992

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.004967	0.2	51706.0	0.993308	Y
2	STD2 460-976201/9	0.01	0.009591	0.2	44480.0	0.959083	Y
3	STD3 460-976201/8	0.02	0.018203	0.2	53079.0	0.910153	Y
4	STD4 460-976201/7	0.1	0.094897	0.2	44326.0	0.948969	Y
5	ICIS 460-976201/2	0.2	0.210979	0.2	55434.0	1.054894	Y
6	STD6 460-976201/6	0.4	0.428944	0.2	41971.0	1.072359	Y
7	STD7 460-976201/5	2.0	2.187502	0.2	36534.0	1.093751	Y
8	STD8 460-976201/3	10.0	9.033619	0.2	57158.0	0.903362	Y



Calibration / Fluoranthene

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

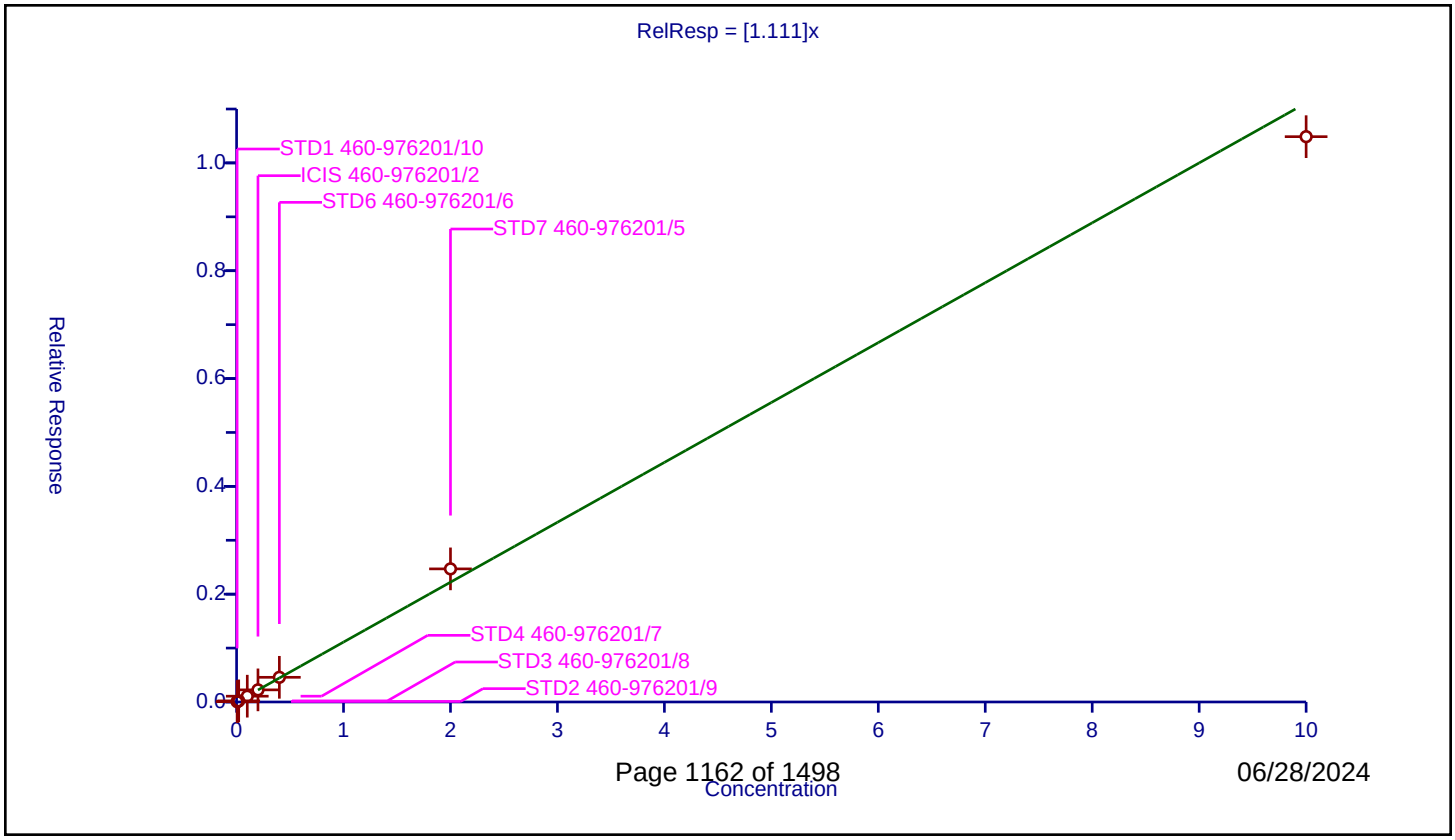
Curve Coefficients

Intercept:	0
Slope:	1.111

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.005922	0.2	51706.0	1.184389	Y
2	STD2 460-976201/9	0.01	0.010427	0.2	44480.0	1.042716	Y
3	STD3 460-976201/8	0.02	0.02069	0.2	53079.0	1.034496	Y
4	STD4 460-976201/7	0.1	0.10754	0.2	44326.0	1.075396	Y
5	ICIS 460-976201/2	0.2	0.224884	0.2	55434.0	1.124418	Y
6	STD6 460-976201/6	0.4	0.457654	0.2	41971.0	1.144135	Y
7	STD7 460-976201/5	2.0	2.469251	0.2	36534.0	1.234625	Y
8	STD8 460-976201/3	10.0	10.487092	0.2	57158.0	1.048709	Y



Calibration / Pyrene

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

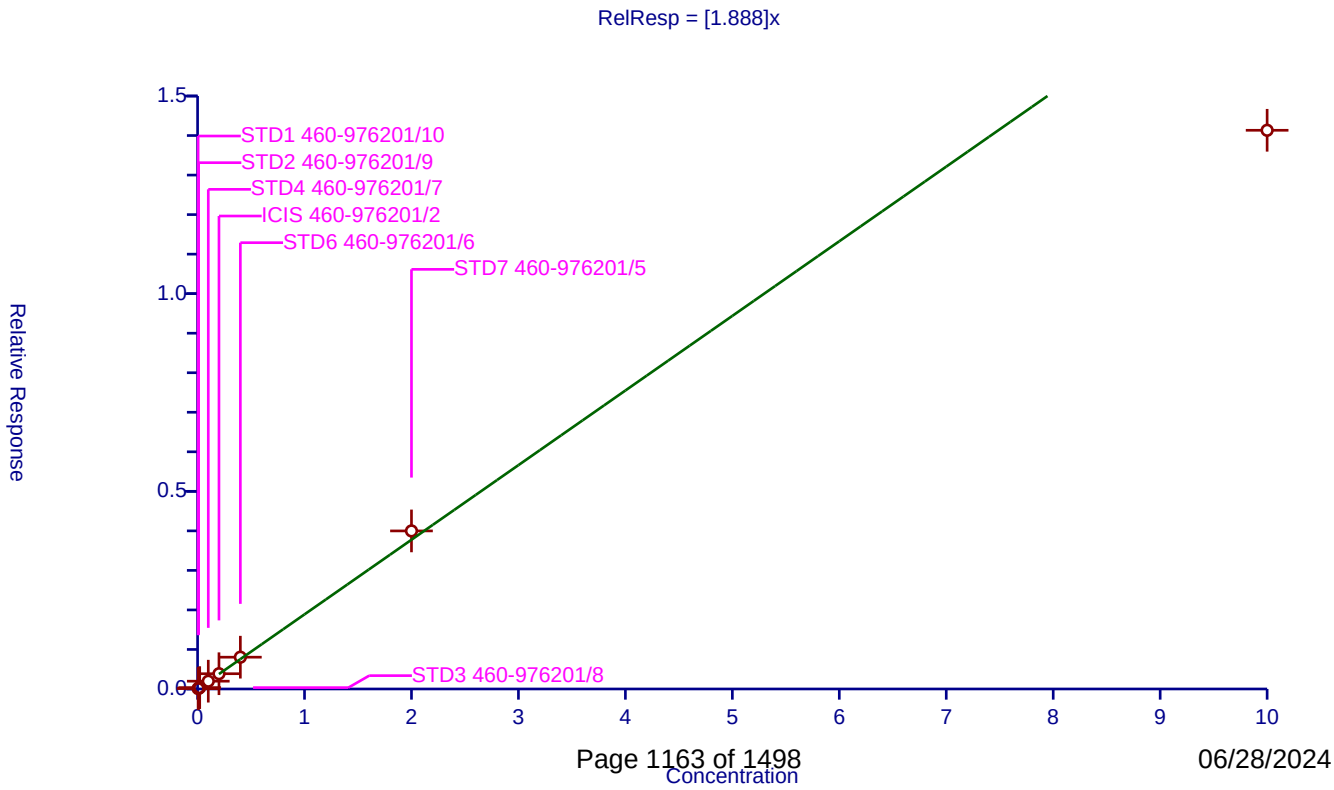
Curve Coefficients

Intercept:	0
Slope:	1.888

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.010231	0.2	29830.0	2.046262	Y
2	STD2 460-976201/9	0.01	0.019719	0.2	23794.0	1.971926	Y
3	STD3 460-976201/8	0.02	0.03506	0.2	31460.0	1.75302	Y
4	STD4 460-976201/7	0.1	0.197418	0.2	24241.0	1.974176	Y
5	ICIS 460-976201/2	0.2	0.386496	0.2	32464.0	1.932479	Y
6	STD6 460-976201/6	0.4	0.804347	0.2	24108.0	2.010868	Y
7	STD7 460-976201/5	2.0	3.998358	0.2	23025.0	1.999179	Y
8	STD8 460-976201/3	10.0	14.132873	0.2	43559.0	1.413287	Y



Calibration / Benzo[a]anthracene

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

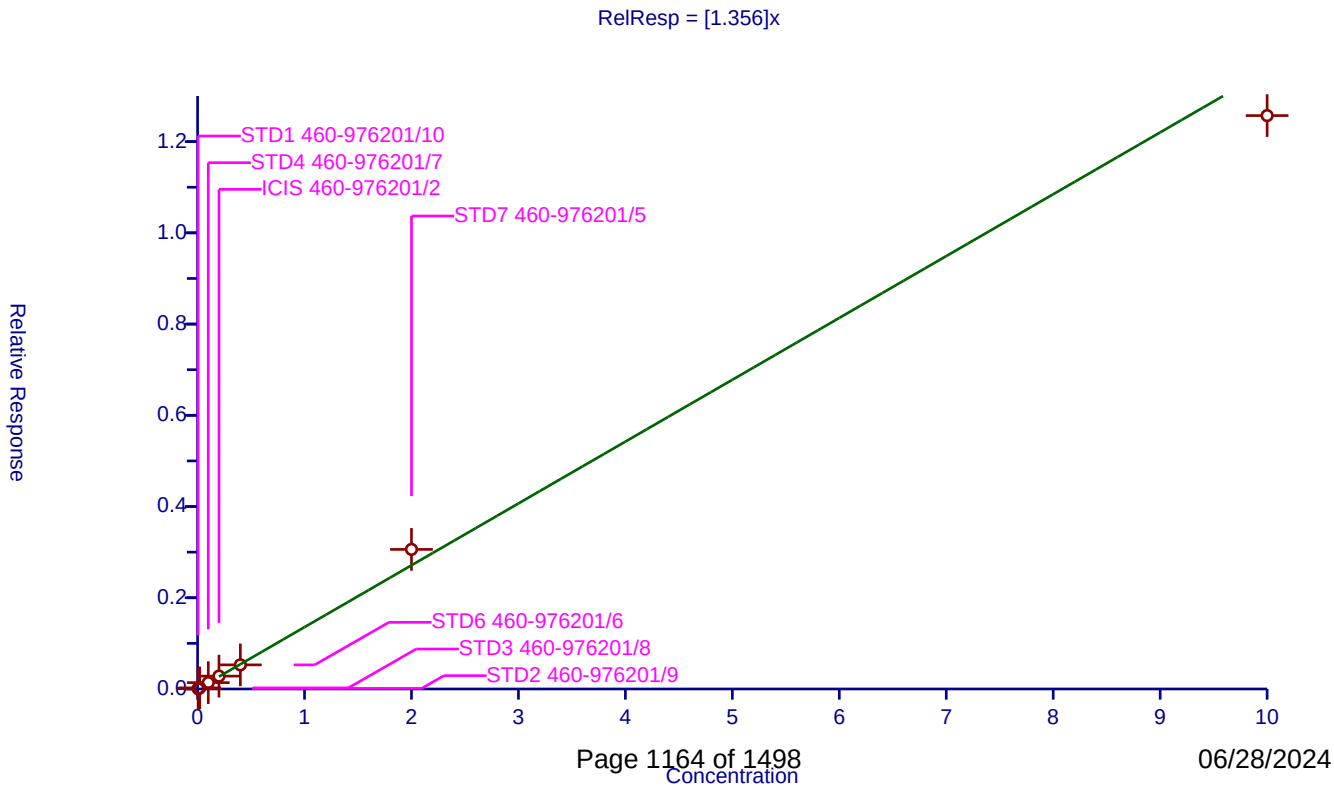
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.007288	0.2	29830.0	1.457593	Y
2	STD2 460-976201/9	0.01	0.012734	0.2	23794.0	1.27343	Y
3	STD3 460-976201/8	0.02	0.024088	0.2	31460.0	1.204387	Y
4	STD4 460-976201/7	0.1	0.139186	0.2	24241.0	1.391857	Y
5	ICIS 460-976201/2	0.2	0.282029	0.2	32464.0	1.410147	Y
6	STD6 460-976201/6	0.4	0.528737	0.2	24108.0	1.321843	Y
7	STD7 460-976201/5	2.0	3.060456	0.2	23025.0	1.530228	Y
8	STD8 460-976201/3	10.0	12.571032	0.2	43559.0	1.257103	Y



Calibration / Chrysene

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

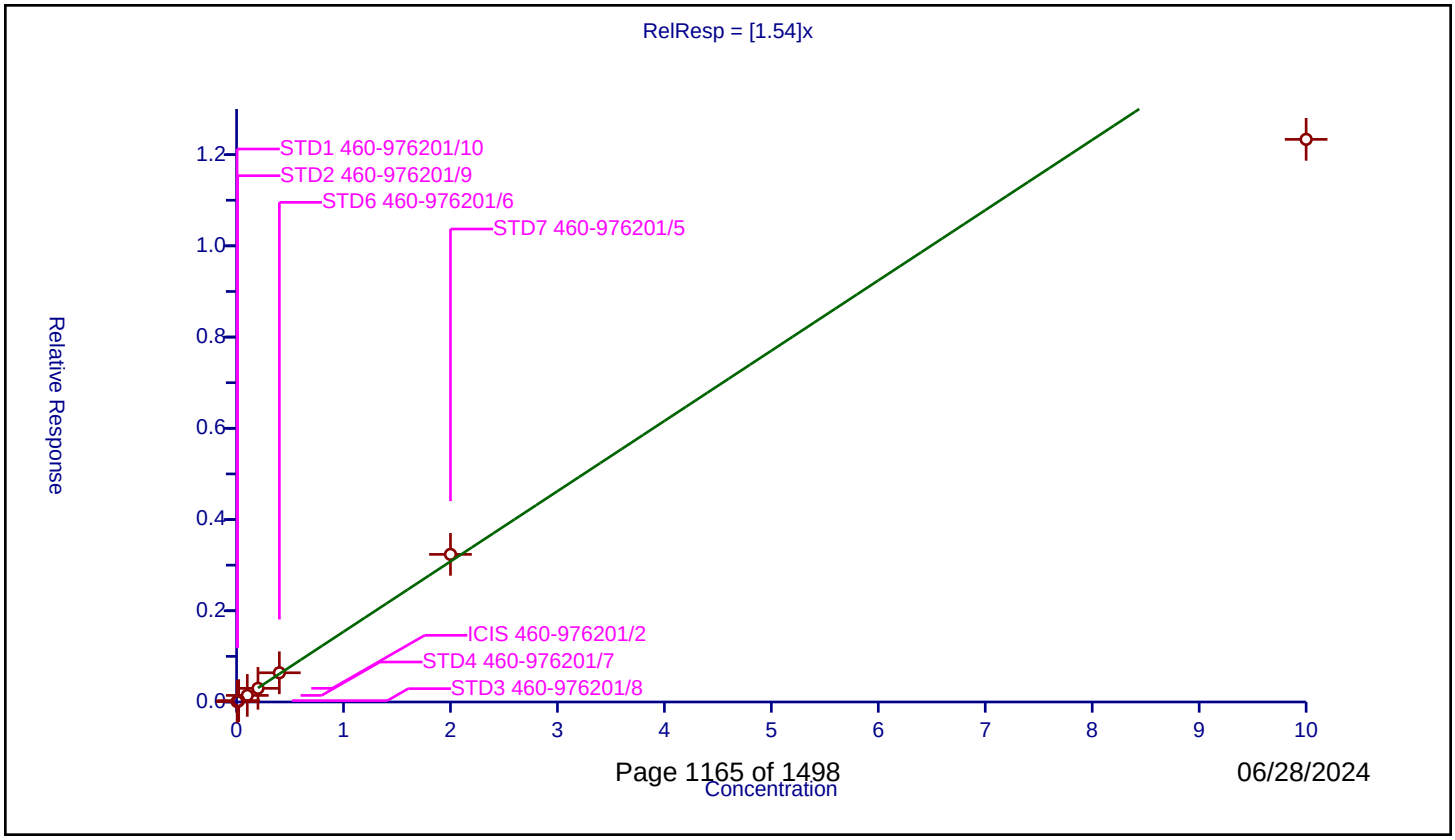
Curve Coefficients

Intercept:	0
Slope:	1.54

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.009051	0.2	29830.0	1.810258	Y
2	STD2 460-976201/9	0.01	0.016155	0.2	23794.0	1.615533	Y
3	STD3 460-976201/8	0.02	0.030095	0.2	31460.0	1.504768	Y
4	STD4 460-976201/7	0.1	0.143979	0.2	24241.0	1.439792	Y
5	ICIS 460-976201/2	0.2	0.299809	0.2	32464.0	1.499045	Y
6	STD6 460-976201/6	0.4	0.640576	0.2	24108.0	1.601439	Y
7	STD7 460-976201/5	2.0	3.236161	0.2	23025.0	1.61808	Y
8	STD8 460-976201/3	10.0	12.334755	0.2	43559.0	1.233476	Y



06/28/2024

Calibration / Benzo[b]fluoranthene

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

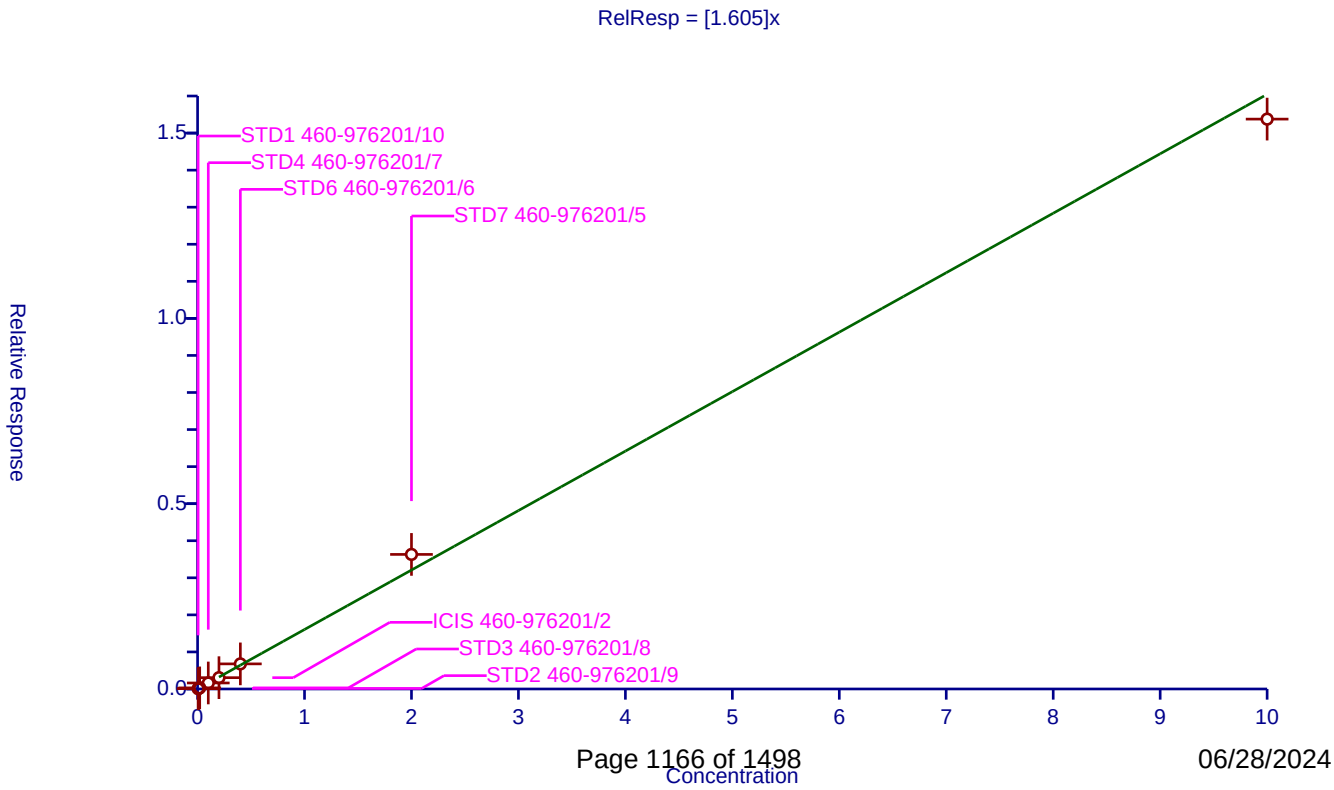
Curve Coefficients

Intercept:	0
Slope:	1.605

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.008221	0.2	21043.0	1.644252	Y
2	STD2 460-976201/9	0.01	0.014913	0.2	16657.0	1.491265	Y
3	STD3 460-976201/8	0.02	0.030101	0.2	22358.0	1.505054	Y
4	STD4 460-976201/7	0.1	0.162193	0.2	17092.0	1.621928	Y
5	ICIS 460-976201/2	0.2	0.305643	0.2	25039.0	1.528216	Y
6	STD6 460-976201/6	0.4	0.677217	0.2	18255.0	1.693043	Y
7	STD7 460-976201/5	2.0	3.630851	0.2	18275.0	1.815425	Y
8	STD8 460-976201/3	10.0	15.37658	0.2	35909.0	1.537658	Y



Calibration / Benzo[k]fluoranthene

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

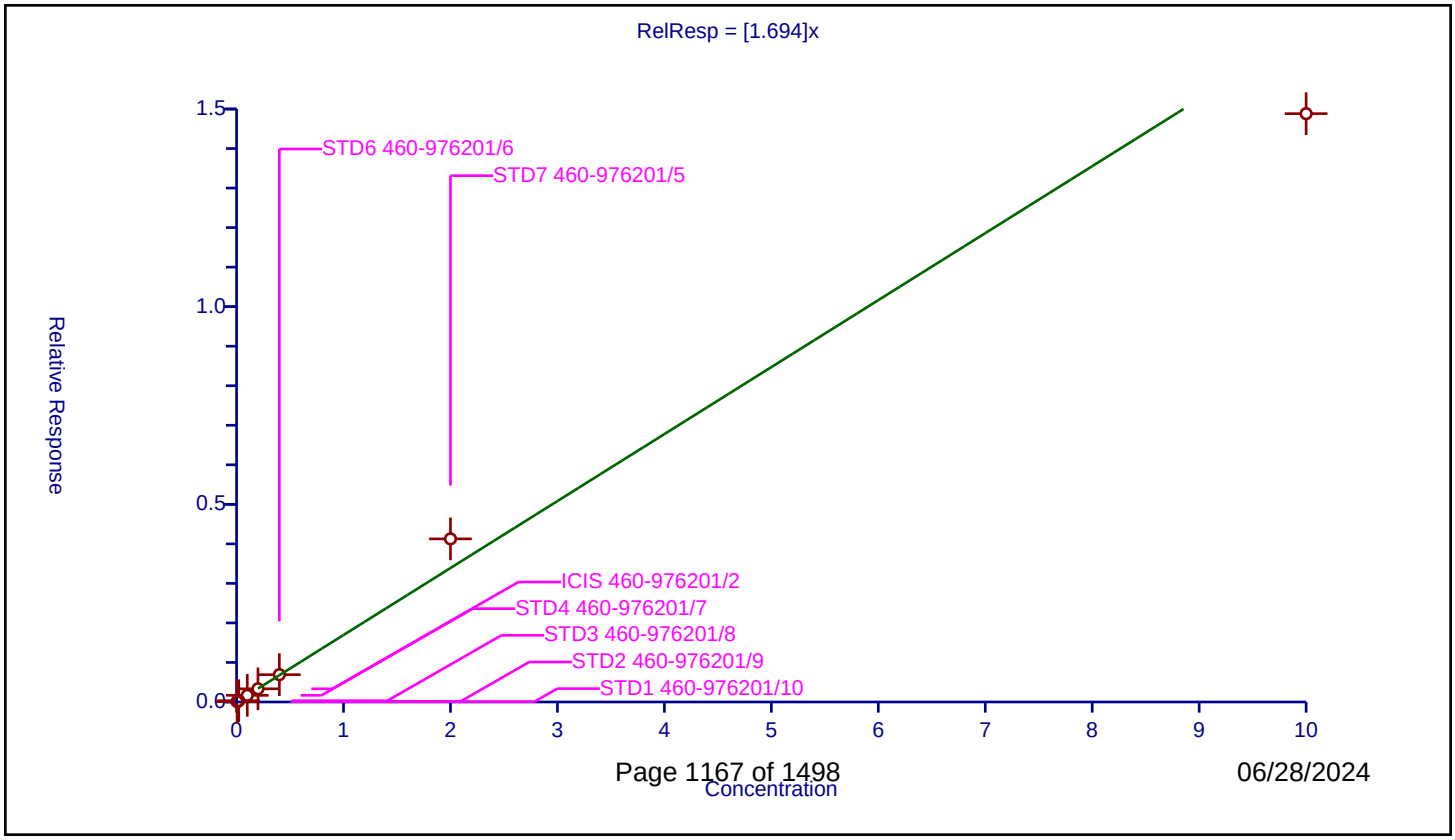
Curve Coefficients

Intercept:	0
Slope:	1.694

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.008364	0.2	21043.0	1.672765	Y
2	STD2 460-976201/9	0.01	0.01651	0.2	16657.0	1.650958	Y
3	STD3 460-976201/8	0.02	0.031917	0.2	22358.0	1.595849	Y
4	STD4 460-976201/7	0.1	0.1685	0.2	17092.0	1.684999	Y
5	ICIS 460-976201/2	0.2	0.333871	0.2	25039.0	1.669356	Y
6	STD6 460-976201/6	0.4	0.691317	0.2	18255.0	1.728294	Y
7	STD7 460-976201/5	2.0	4.125833	0.2	18275.0	2.062917	Y
8	STD8 460-976201/3	10.0	14.88257	0.2	35909.0	1.488257	Y



Calibration / Benzo[a]pyrene

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

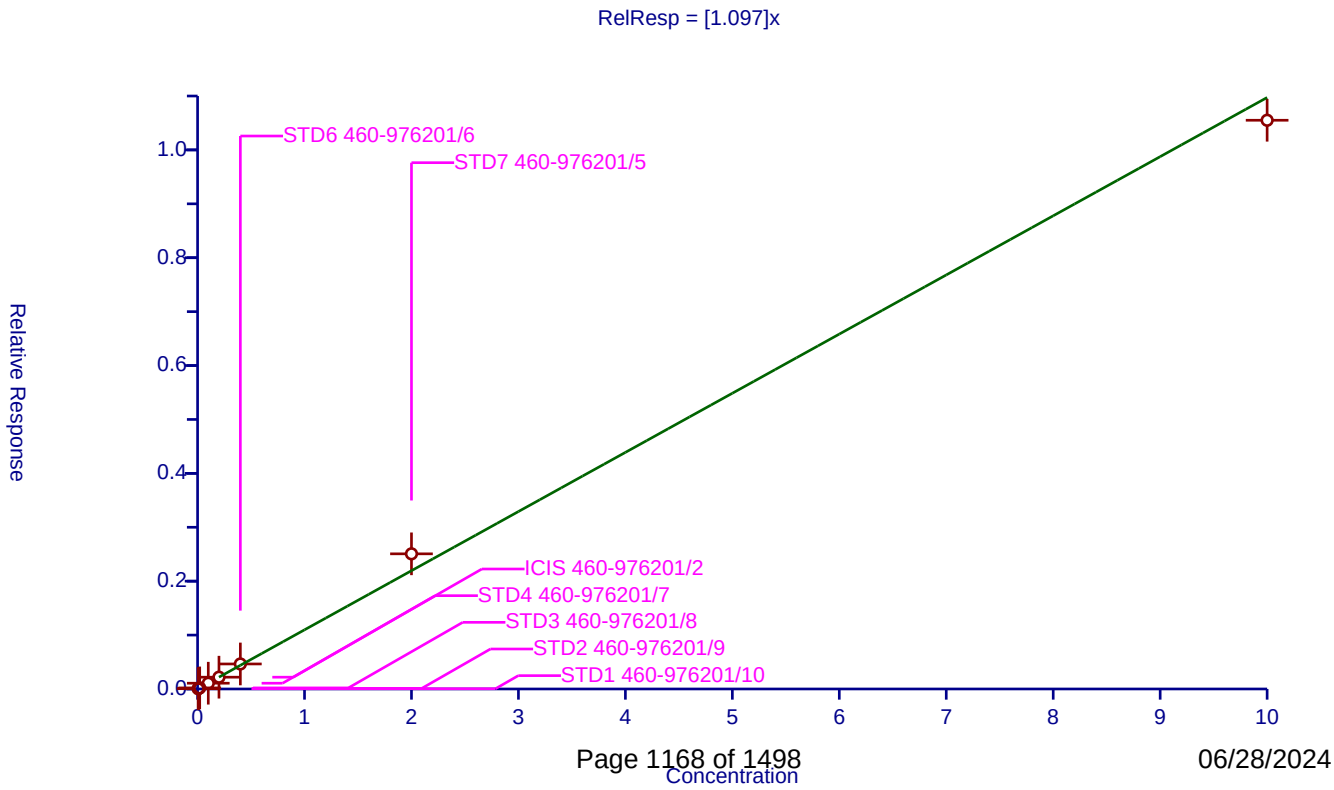
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.005408	0.2	21043.0	1.081595	Y
2	STD2 460-976201/9	0.01	0.010566	0.2	16657.0	1.056613	Y
3	STD3 460-976201/8	0.02	0.020055	0.2	22358.0	1.002773	Y
4	STD4 460-976201/7	0.1	0.10722	0.2	17092.0	1.072198	Y
5	ICIS 460-976201/2	0.2	0.218962	0.2	25039.0	1.094812	Y
6	STD6 460-976201/6	0.4	0.464465	0.2	18255.0	1.161161	Y
7	STD7 460-976201/5	2.0	2.50748	0.2	18275.0	1.25374	Y
8	STD8 460-976201/3	10.0	10.550135	0.2	35909.0	1.055014	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

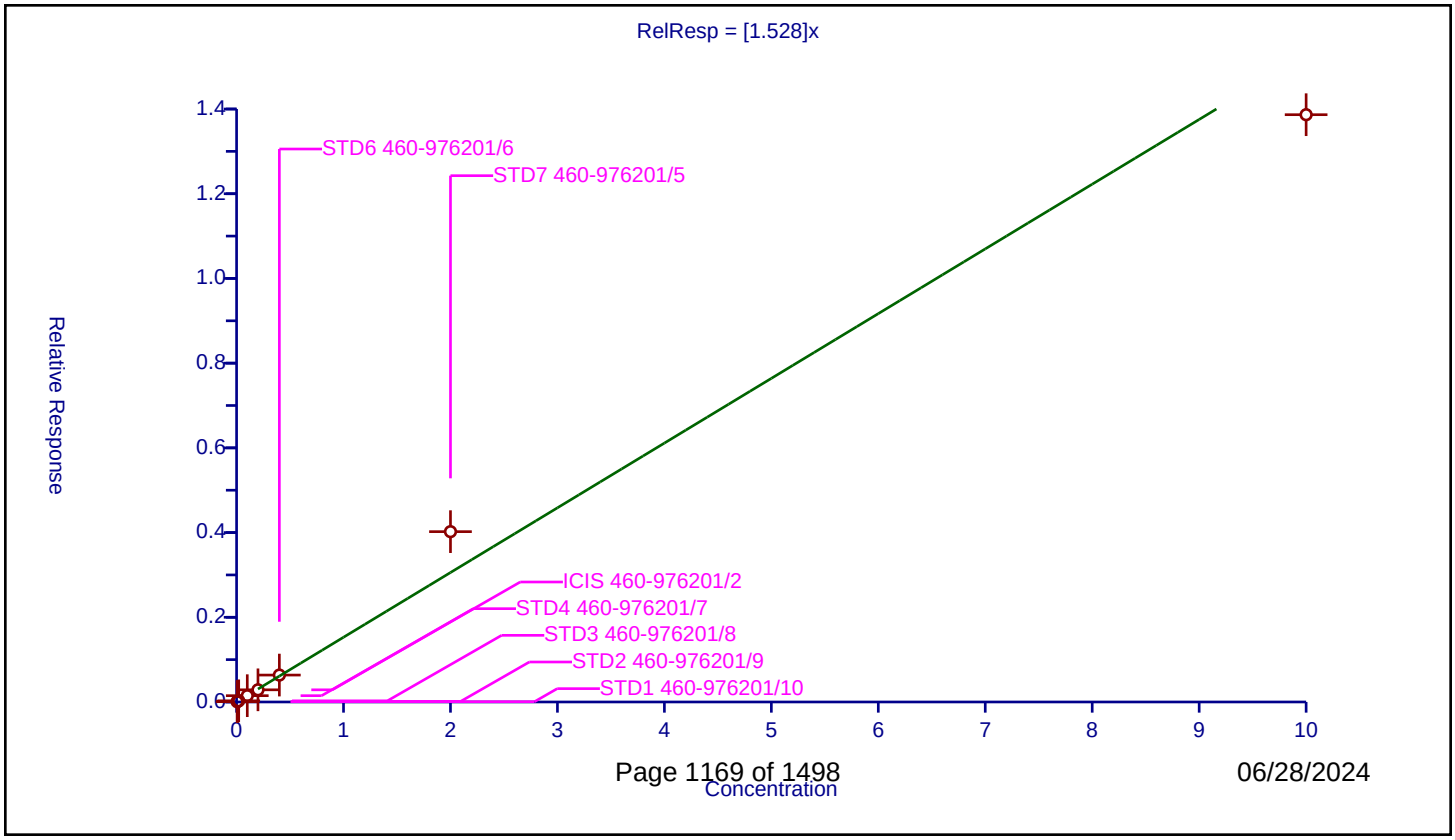
Curve Coefficients

Intercept:	0
Slope:	1.528

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.007318	0.2	21043.0	1.46367	Y
2	STD2 460-976201/9	0.01	0.014805	0.2	16657.0	1.480459	Y
3	STD3 460-976201/8	0.02	0.027426	0.2	22358.0	1.371321	Y
4	STD4 460-976201/7	0.1	0.148596	0.2	17092.0	1.485958	Y
5	ICIS 460-976201/2	0.2	0.287488	0.2	25039.0	1.437438	Y
6	STD6 460-976201/6	0.4	0.635508	0.2	18255.0	1.58877	Y
7	STD7 460-976201/5	2.0	4.021778	0.2	18275.0	2.010889	Y
8	STD8 460-976201/3	10.0	13.86585	0.2	35909.0	1.386585	Y



Calibration / Dibenz(a,h)anthracene

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

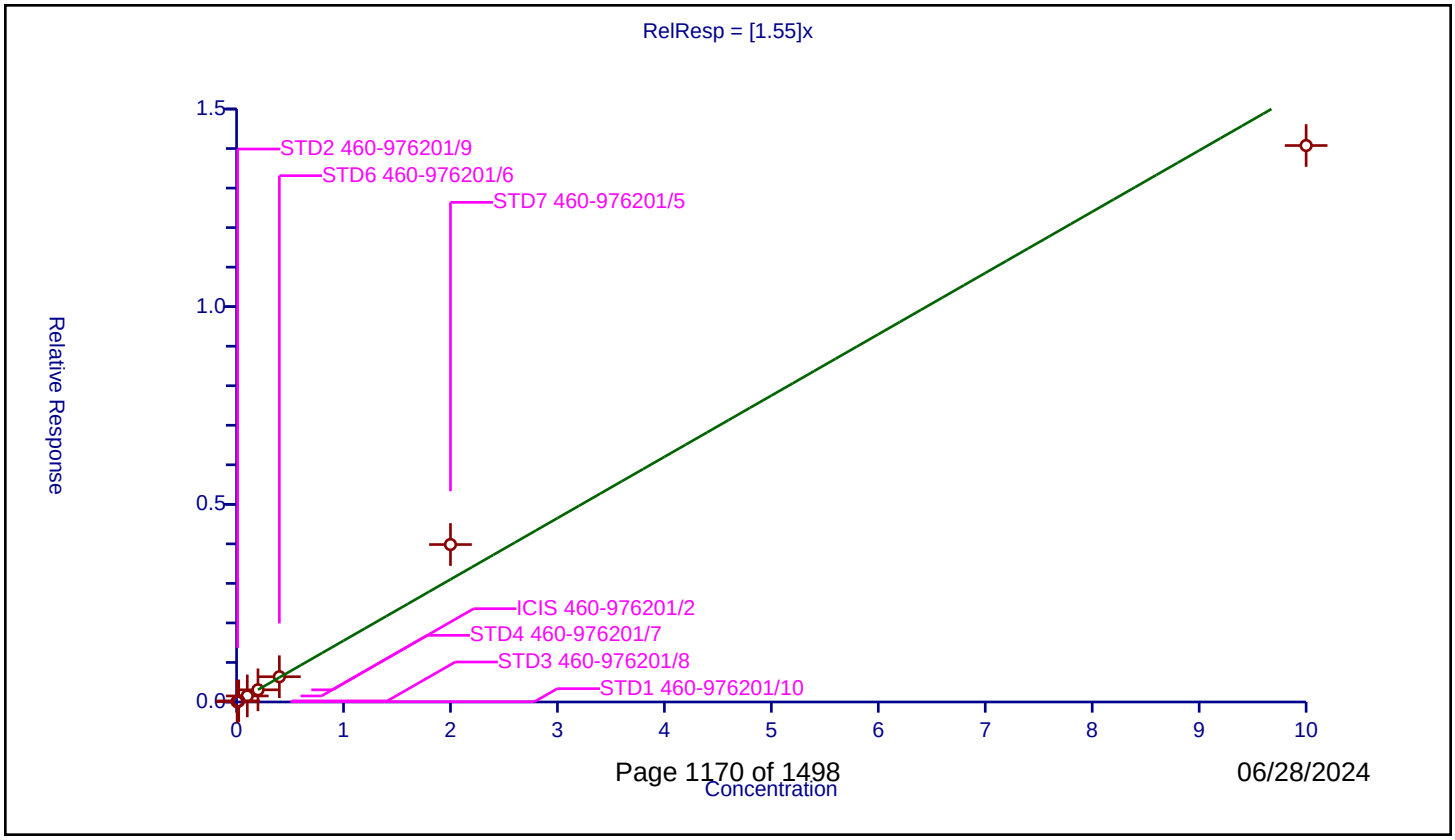
Curve Coefficients

Intercept:	0
Slope:	1.55

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.00691	0.2	21043.0	1.381932	Y
2	STD2 460-976201/9	0.01	0.015525	0.2	16657.0	1.5525	Y
3	STD3 460-976201/8	0.02	0.028017	0.2	22358.0	1.400841	Y
4	STD4 460-976201/7	0.1	0.152867	0.2	17092.0	1.528668	Y
5	ICIS 460-976201/2	0.2	0.308207	0.2	25039.0	1.541036	Y
6	STD6 460-976201/6	0.4	0.639025	0.2	18255.0	1.597562	Y
7	STD7 460-976201/5	2.0	3.982752	0.2	18275.0	1.991376	Y
8	STD8 460-976201/3	10.0	14.076371	0.2	35909.0	1.407637	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

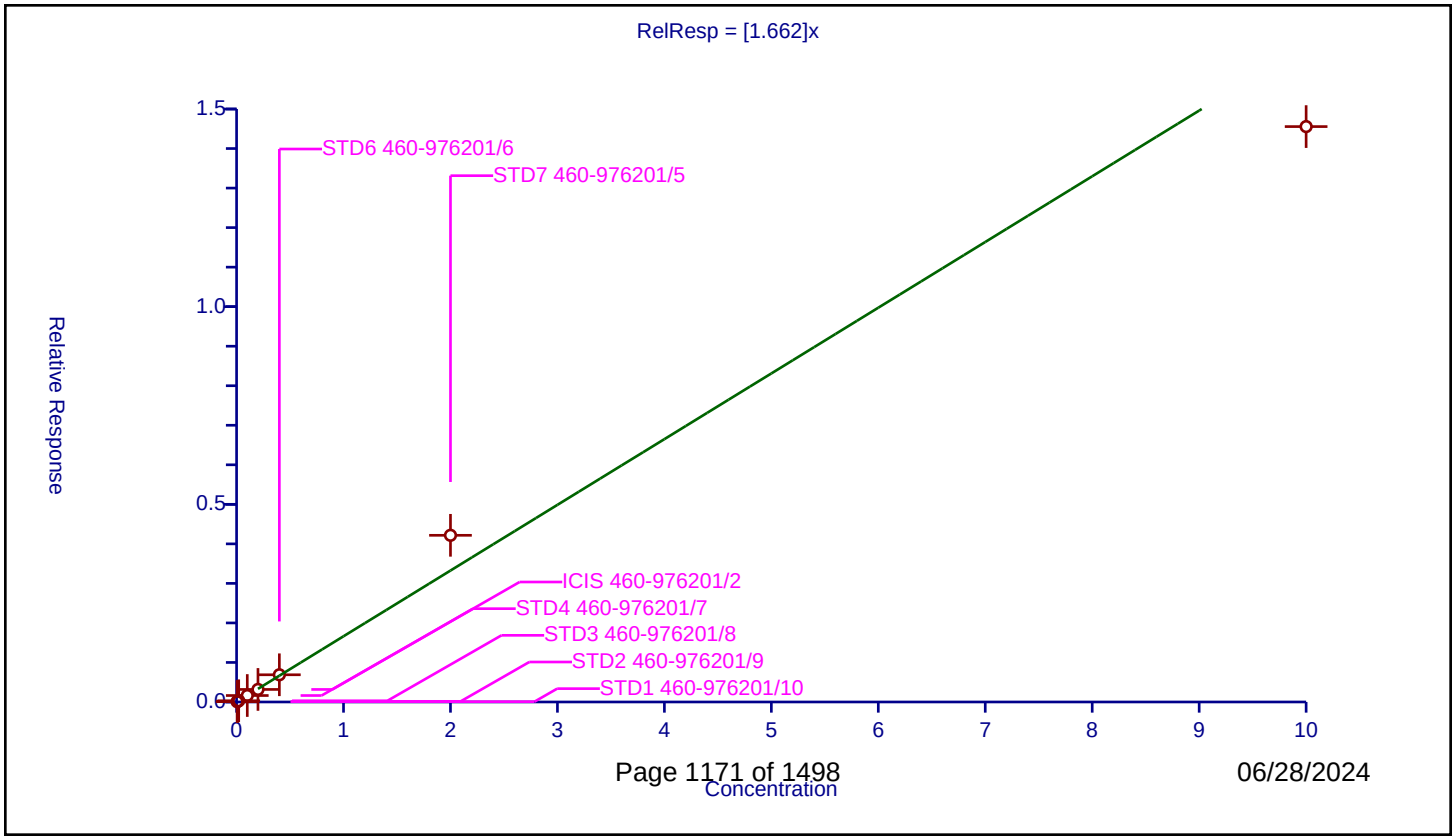
Curve Coefficients

Intercept:	0
Slope:	1.662

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976201/10	0.005	0.008193	0.2	21043.0	1.63855	Y
2	STD2 460-976201/9	0.01	0.016257	0.2	16657.0	1.625743	Y
3	STD3 460-976201/8	0.02	0.030584	0.2	22358.0	1.529207	Y
4	STD4 460-976201/7	0.1	0.163351	0.2	17092.0	1.633513	Y
5	ICIS 460-976201/2	0.2	0.317297	0.2	25039.0	1.586485	Y
6	STD6 460-976201/6	0.4	0.688305	0.2	18255.0	1.720761	Y
7	STD7 460-976201/5	2.0	4.216492	0.2	18275.0	2.108246	Y
8	STD8 460-976201/3	10.0	14.555621	0.2	35909.0	1.455562	Y



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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976650

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2024 06:48 Calibration End Date: 05/24/2024 09:46 Calibration ID: 97352

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976650/9	U26756.D
Level 2	STD2 460-976650/8	U26755.D
Level 3	STD3 460-976650/7	U26754.D
Level 4	STD4 460-976650/6	U26753.D
Level 5	ICIS 460-976650/10	U26758.D
Level 6	STD6 460-976650/5	U26752.D
Level 7	STD7 460-976650/4	U26751.D
Level 8	STD8 460-976650/3	U26750.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								
1,4-Dioxane	0.8586 0.4856	0.5117 0.4537	0.4625 0.4270	0.5095	0.4723	Lin2	0.0080	0.4530			0.0100	5.9			0.9970		0.9900
N-Nitrosodimethylamine	0.4958 0.6261	0.5426 0.6609	0.5864 0.5924	0.5774	0.6284	Ave		0.5887			0.0100	8.9		20.0			
Bis(2-chloroethyl)ether	1.1076 1.1018	0.9837 1.1134	0.9638 1.0016	1.0435	1.0854	Ave		1.0501			0.7000	5.7		20.0			
Naphthalene	1.0789 1.0878	1.0450 1.0863	0.9976 0.9699	1.0654	1.0447	Ave		1.0469			0.7000	4.1		20.0			
Acenaphthylene	1.2776 1.3586	1.3444 1.4190	1.3740 1.7481	1.3060	1.8775	Ave		1.4632			0.9000	15.2		20.0			
Acenaphthene	1.1233 1.0992	1.0133 1.1592	1.0629 0.9138	1.1021	1.0354	Ave		1.0637			0.9000	7.2		20.0			
Fluorene	1.0082 0.9345	0.8861 0.9582	0.9530 1.3342	0.8837	1.3894	Ave		1.0434			0.9000	19.3		20.0			
4,6-Dinitro-2-methylphenol	0.0642 0.1451	0.0841 0.2206	0.0809 +++++	0.1030	0.0689	QuaF		0.0612	0.0399297		0.0100	20.4			0.9990		0.9900
Hexachlorobenzene	0.4067 0.3435	0.3597 0.4124	0.2936 0.2522	0.4046	0.2478	QuaF		0.4209	-0.016863		0.1000	22.7			0.9980		0.9900
Pentachlorophenol	0.0865 0.1936	0.1129 0.3061	0.1071 +++++	0.1575	0.0997	QuaF		0.1410	0.0412979		0.0500	27.7			0.9990		0.9900
Phenanthrene	1.2003 1.3522	1.3022 1.6597	1.0960 +++++	1.5041	0.8000	QuaF		1.1604	0.2498298		0.7000	20.0			0.9990		0.9900
Anthracene	0.7997 0.8863	0.8213 1.0087	0.7683 1.0307	0.8979	0.9307	Ave		0.8930			0.7000	10.6		20.0			
Fluoranthene	0.9623 1.2168	1.0264 1.4703	0.9396 0.9520	1.1688	0.8728	Ave		1.0761			0.6000	18.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976650

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2024 06:48 Calibration End Date: 05/24/2024 09:46 Calibration ID: 97352

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								
Pyrene	2.0398 1.8847	1.8420 1.9433	1.7012 1.6753	1.8910	1.8124	Ave		1.8487			0.6000	6.5		20.0			
Benzo[a]anthracene	1.3757 1.3494	1.2513 1.5235	1.1951 1.3129	1.2698	1.2936	Ave		1.3214			0.8000	7.5		20.0			
Chrysene	1.5993 1.5187	1.3944 1.6202	1.2865 1.3679	1.5190	1.4587	Ave		1.4706			0.7000	7.9		20.0			
Benzo[b]fluoranthene	1.3922 1.6469	1.3631 1.9174	1.3619 1.4527	1.5094	1.3132	Ave		1.4946			0.7000	13.4		20.0			
Benzo[k]fluoranthene	1.4734 1.7792	1.3552 2.0527	1.4705 1.6404	1.5795	1.6977	Ave		1.6311			0.7000	13.4		20.0			
Benzo[a]pyrene	1.0155 1.1949	0.9365 1.3679	0.9171 1.1403	1.0408	1.0551	Ave		1.0835			0.7000	13.6		20.0			
Indeno[1,2,3-cd]pyrene	1.1854 1.2740	1.0913 1.6899	1.0243 1.4523	1.1494	1.1411	Ave		1.2510			0.5000	17.5		20.0			
Dibenz(a,h)anthracene	0.9158 1.2428	0.9702 1.6510	0.9336 +++++	1.1630	1.1383	QuaF		1.1265	0.2623195		0.4000	13.2			1.0000		0.9900
Benzo[g,h,i]perylene	1.3589 1.6233	1.4067 1.9739	1.2993 1.5581	1.5066	1.4890	Ave		1.5270			0.5000	13.7		20.0			
Nitrobenzene-d5	0.3284 0.3483	0.3195 0.3441	0.3430 0.2992	0.3381	0.3142	Ave		0.3294			0.0100	5.2		20.0			
2-Fluorobiphenyl	1.7651 1.7651	1.7734 1.6272	1.8924 1.1020	1.6670	2.0189	Ave		1.7014			0.0100	16.0		20.0			
2,4,6-Tribromophenol	0.1784 0.2864	0.1822 0.2409	0.2363 0.2451	0.2135	0.3244	Lin1	-0.004	0.2478			0.0100	18.2					

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.: 480-220956-1 Analy Batch No.: 976650

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2024 06:48 Calibration End Date: 05/24/2024 09:46 Calibration ID: 97352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976650/9	U26756.D
Level 2	STD2 460-976650/8	U26755.D
Level 3	STD3 460-976650/7	U26754.D
Level 4	STD4 460-976650/6	U26753.D
Level 5	ICIS 460-976650/10	U26758.D
Level 6	STD6 460-976650/5	U26752.D
Level 7	STD7 460-976650/4	U26751.D
Level 8	STD8 460-976650/3	U26750.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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCBd4	Lin2	814 44634	2601 86696	5844 549625	9945	18229	0.0200 2.00	0.100 4.00	0.200 20.0	0.400	0.800
N-Nitrosodimethylamine	DCBd4	Ave	470 28773	1379 63143	3705 381298	5635	12126	0.0200 1.00	0.0500 2.00	0.100 10.0	0.200	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	105 50634	250 106373	1218 644608	10184	20947	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Naphthalene	NPT	Ave	816 63364	1646 331398	3863 1984623	16045	32143	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthylene	ANT	Ave	555 45806	1141 256134	2849 1992932	10959	27025	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthene	ANT	Ave	488 37059	860 209229	2204 1041829	9248	14903	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluorene	ANT	Ave	438 31509	752 172961	1976 1521081	7415	19999	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	QuaF	300 31184	832 90740	2347 +++++	3911	7607	0.0400 2.00	0.100 4.00	0.200 +++++	0.400	0.800
Hexachlorobenzene	PHN	QuaF	95 36921	178 84830	852 478614	7685	13686	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Pentachlorophenol	PHN	QuaF	202 20814	559 125940	1554 +++++	2991	5508	0.0200 1.00	0.0500 4.00	0.100 +++++	0.200	0.400
Phenanthrene	PHN	QuaF	701 58138	1289 341422	3181 +++++	14284	22088	0.00500 0.400	0.0100 2.00	0.0200 +++++	0.100	0.200
Anthracene	PHN	Ave	467 38106	813 207507	2230 1956456	8527	25696	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluoranthene	PHN	Ave	562 52317	1016 302447	2727 1806953	11100	24097	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Pyrene	CRY	Ave	602 52886	1004 302091	2699 1814728	10895	24863	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]anthracene	CRY	Ave	406 37865	682 236822	1896 1422142	7316	17745	0.00500 0.400	0.0100 2.00	0.0200 10.0	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.: 480-220956-1 Analy Batch No.: 976650

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2024 06:48 Calibration End Date: 05/24/2024 09:46 Calibration ID: 97352

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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
Chrysene	CRY	Ave	472 42616	760 251857	2041 1481711	8752	20010	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[b]fluoranthene	PRY	Ave	377 41878	687 255451	1981 1410760	8005	16621	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	399 45241	683 273479	2139 1593079	8377	21488	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]pyrene	PRY	Ave	275 30384	472 182241	1334 1107440	5520	13354	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	321 32395	550 225150	1490 1410411	6096	14443	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Dibenz(a,h)anthracene	PRY	QuaF	248 31602	489 219968	1358 +++++	6168	14408	0.00500 0.400	0.0100 2.00	0.0200 +++++	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	368 41277	709 262989	1890 1513143	7990	18846	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Nitrobenzene-d5	NPT	Ave	4968 253593	10066 1049762	26561 2448809	40735	48344	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	15336 743907	30102 2937180	78477 5025527	111904	145303	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00
2,4,6-Tribromophenol	ANT	Lin1	1550 120710	3092 434795	9801 1117893	14332	23350	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00

Curve Type Legend:
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976650

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2024 06:48 Calibration End Date: 05/24/2024 09:46 Calibration ID: 97352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976650/9	U26756.D
Level 2	STD2 460-976650/8	U26755.D
Level 3	STD3 460-976650/7	U26754.D
Level 4	STD4 460-976650/6	U26753.D
Level 5	ICIS 460-976650/10	U26758.D
Level 6	STD6 460-976650/5	U26752.D
Level 7	STD7 460-976650/4	U26751.D
Level 8	STD8 460-976650/3	U26750.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
1,4-Dioxane	1.1						30					
2,4,6-Tribromophenol	-12.8						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 24-May-2024 06:48:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-003
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:13 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 07:18:22

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	2.042	1.794	0.248	100	549625	20.0	18.8	Ma
2 N-Nitrosodimethylamine	74	2.219	1.995	0.224	92	381298	10.0	10.1	Ma
3 Bis(2-chloroethyl)ether	93	4.063	4.032	0.031	95	644608	10.0	9.54	
* 4 1,4-Dichlorobenzene-d4	152	4.313	4.298	0.015	96	12872	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.828	4.813	0.015	94	2448809	40.0	36.3	
* 7 Naphthalene-d8	136	5.504	5.506	-0.002	20	40925	0.2000	0.2000	
8 Naphthalene	128	5.521	5.522	-0.001	100	1984623	10.0	9.26	
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	99	5025527	40.0	25.9	
10 Acenaphthylene	152	7.048	7.034	0.014	98	1992932	10.0	11.9	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	95	22801	0.2000	0.2000	
12 Acenaphthene	154	7.206	7.206	0.000	98	1041829	10.0	8.59	
13 Fluorene	166	7.706	7.706	0.000	95	1521081	10.0	12.8	M
14 4,6-Dinitro-2-methylphenol	198	7.763	7.749	0.014	96	524085	20.0	7.58	
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	91	1117893	40.0	39.6	
16 Hexachlorobenzene	284	8.235	8.221	0.014	60	478614	10.0	9.98	
17 Pentachlorophenol	266	8.421	8.407	0.014	70	686477	20.0	7.81	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	100	37962	0.2000	0.2000	
19 Phenanthrene	178	8.607	8.607	0.000	97	1509392	10.0	3.78	
20 Anthracene	178	8.664	8.665	-0.001	95	1956456	10.0	11.5	
21 Fluoranthene	202	9.722	9.722	0.000	98	1806953	10.0	8.85	
22 Pyrene	202	9.939	9.939	0.000	99	1814728	10.0	9.06	
$ 23 Terphenyl-d14	244	10.115	10.104	0.011	99	3072378	40.0	30.5	
24 Benzo[a]anthracene	228	11.188	11.178	0.010	96	1422142	10.0	9.94	
* 25 Chrysene-d12	240	11.199	11.188	0.011	22	21664	0.2000	0.2000	
26 Chrysene	228	11.230	11.219	0.011	100	1481711	10.0	9.30	
27 Benzo[b]fluoranthene	252	12.541	12.520	0.021	98	1410760	10.0	9.72	
28 Benzo[k]fluoranthene	252	12.572	12.562	0.010	67	1593079	10.0	10.1	
29 Benzo[a]pyrene	252	12.975	12.964	0.011	100	1107440	10.0	10.5	
* 30 Perylene-d12	264	13.047	13.047	0.000	100	19423	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.596	14.575	0.021	98	1410411	10.0	11.6	M
32 Dibenz(a,h)anthracene	278	14.637	14.627	0.010	39	1364622	10.0	5.48	

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	15.009	14.988	0.021	96	1513143	10.0	10.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL8_00001 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:14 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D

Injection Date: 24-May-2024 06:48:30 Instrument ID: CBNAMS4 Operator ID:

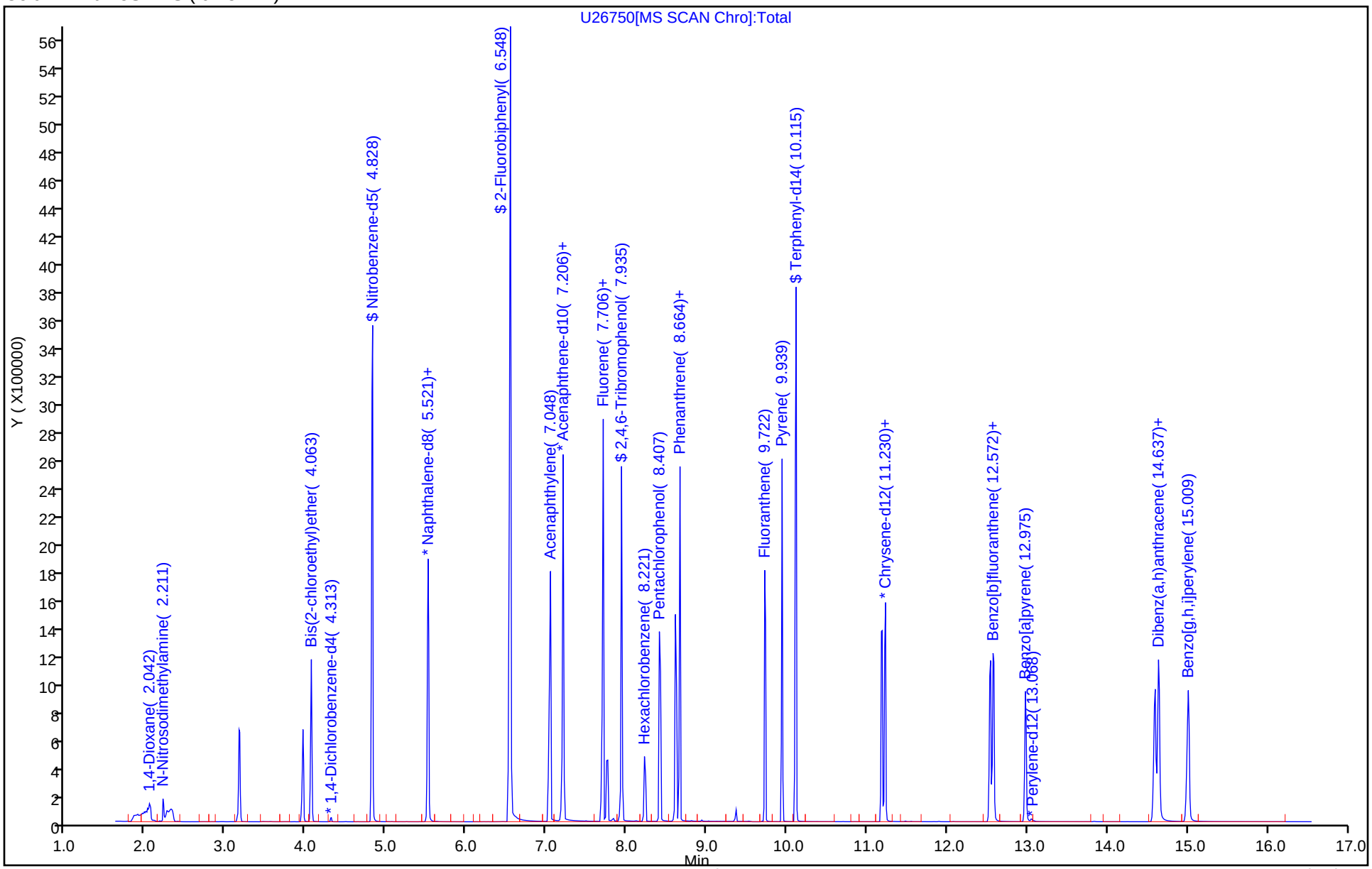
Lims ID: STD8 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

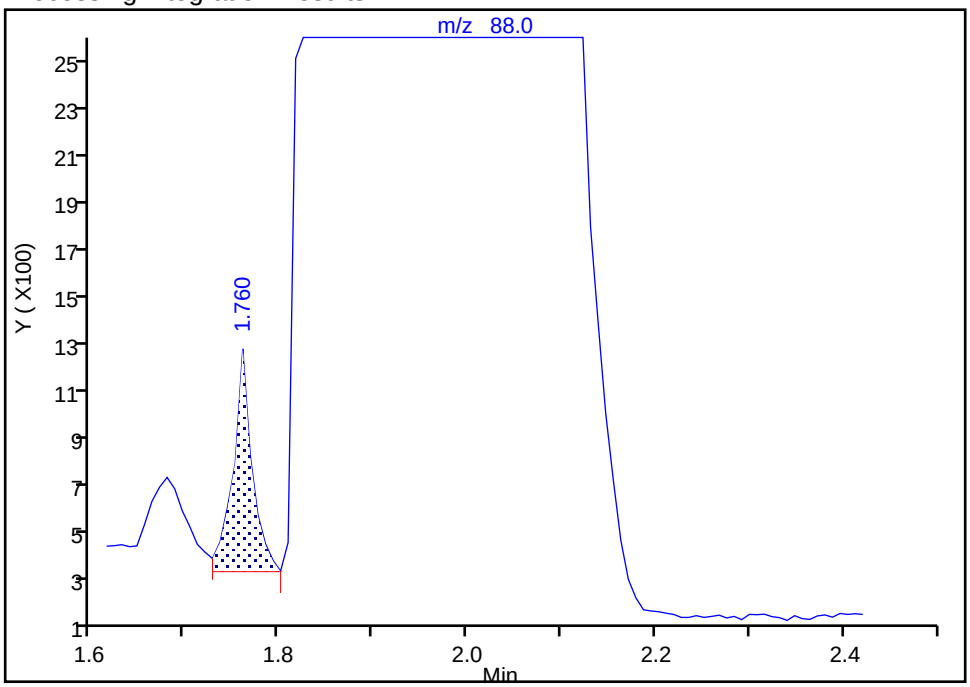
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D				
Injection Date:	24-May-2024 06:48:30	Instrument ID:	CBNAMS4		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

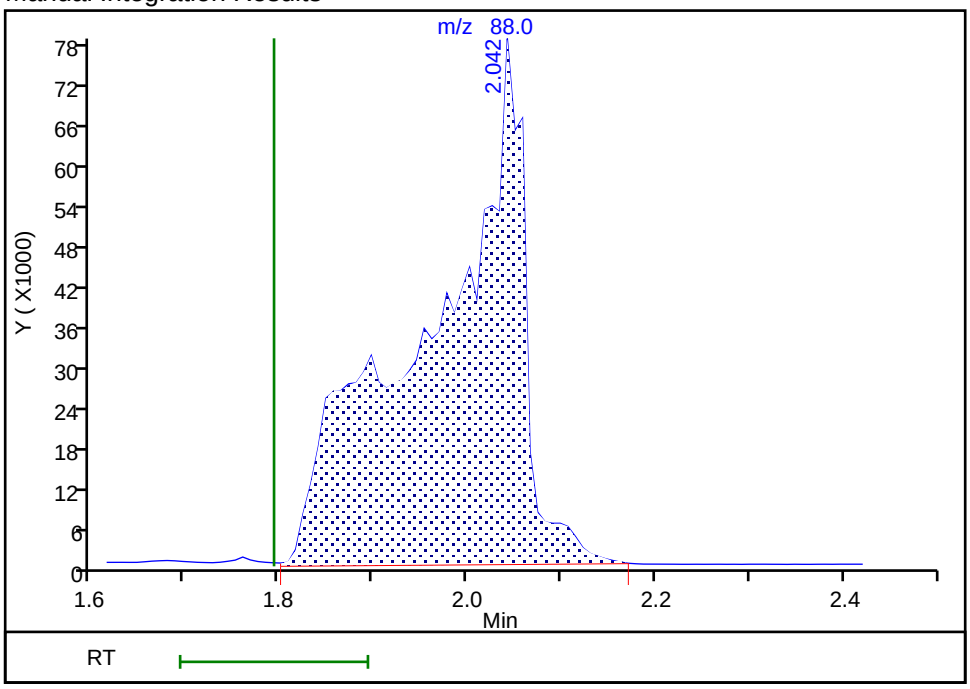
Processing Integration Results

RT: 1.76
Area: 1262
Amount: 0.080995
Amount Units: ug/ml



Manual Integration Results

RT: 2.04
Area: 549625
Amount: 18.835983
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 07:18:17 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

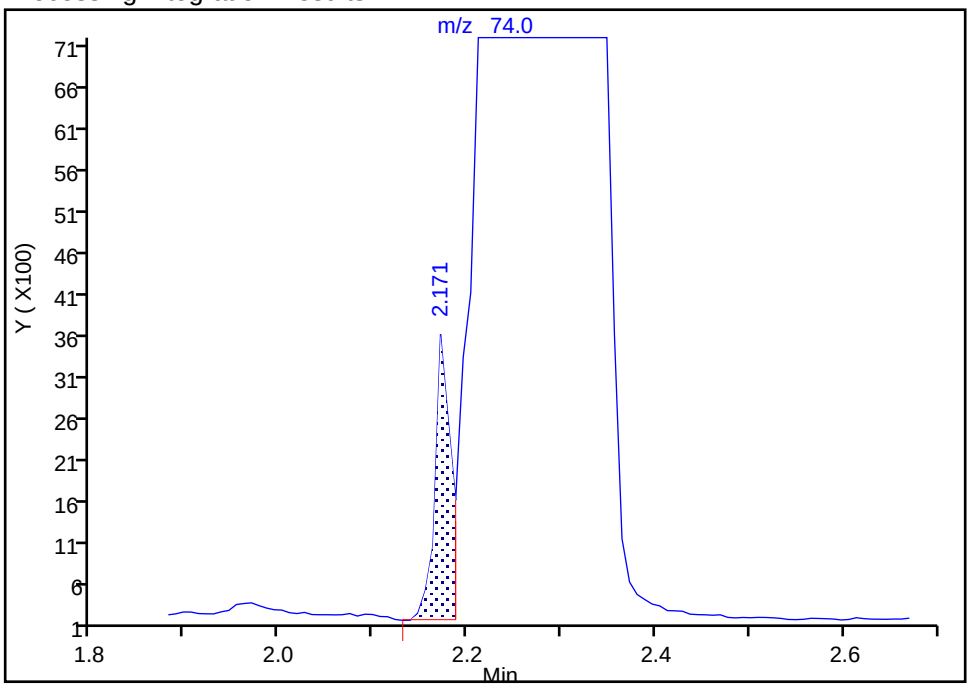
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D				
Injection Date:	24-May-2024 06:48:30	Instrument ID:	CBNAMS4		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

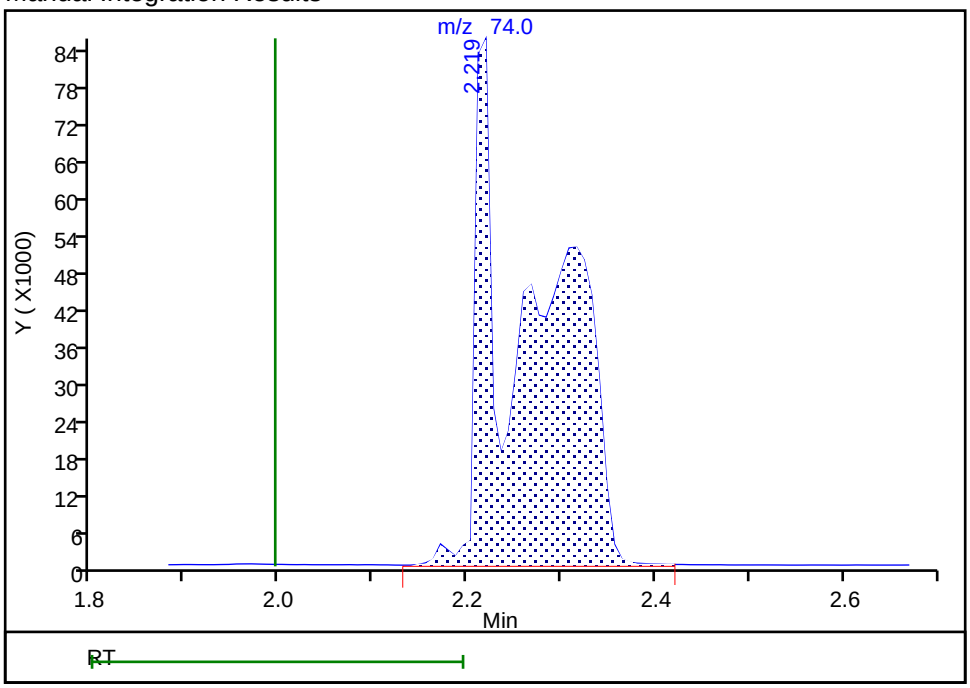
Processing Integration Results

RT: 2.17
Area: 4189
Amount: 0.204804
Amount Units: ug/ml



Manual Integration Results

RT: 2.22
Area: 381298
Amount: 10.062808
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 07:18:11 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

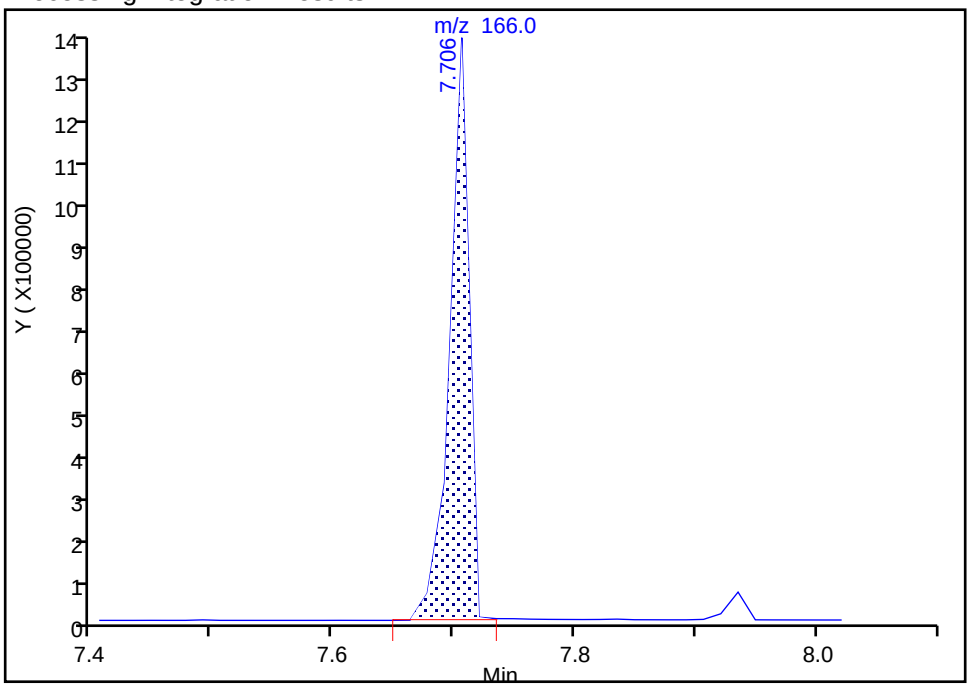
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D				
Injection Date:	24-May-2024 06:48:30	Instrument ID:	CBNAMS4		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

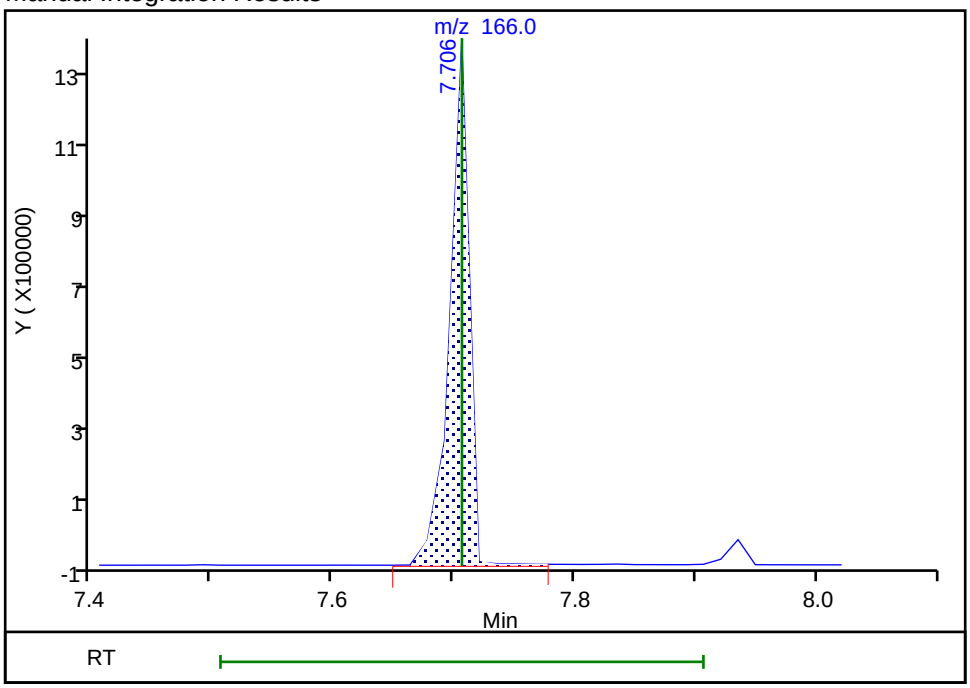
Processing Integration Results

RT: 7.71
Area: 1512181
Amount: 10.091776
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 1521081
Amount: 12.787035
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:34:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

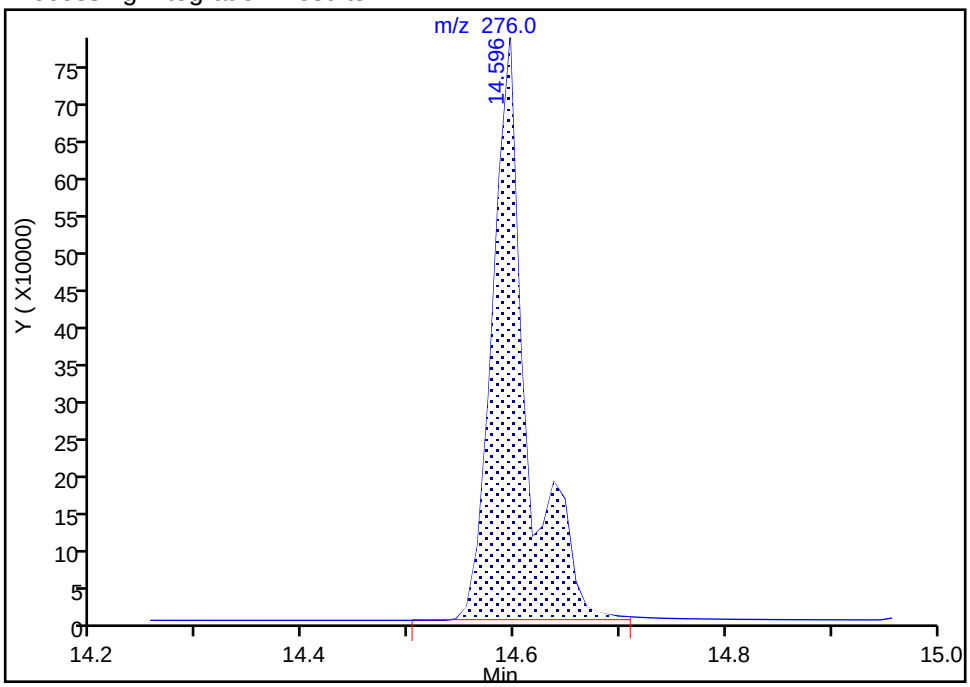
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26750.D				
Injection Date:	24-May-2024 06:48:30	Instrument ID:	CBNAMS4		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

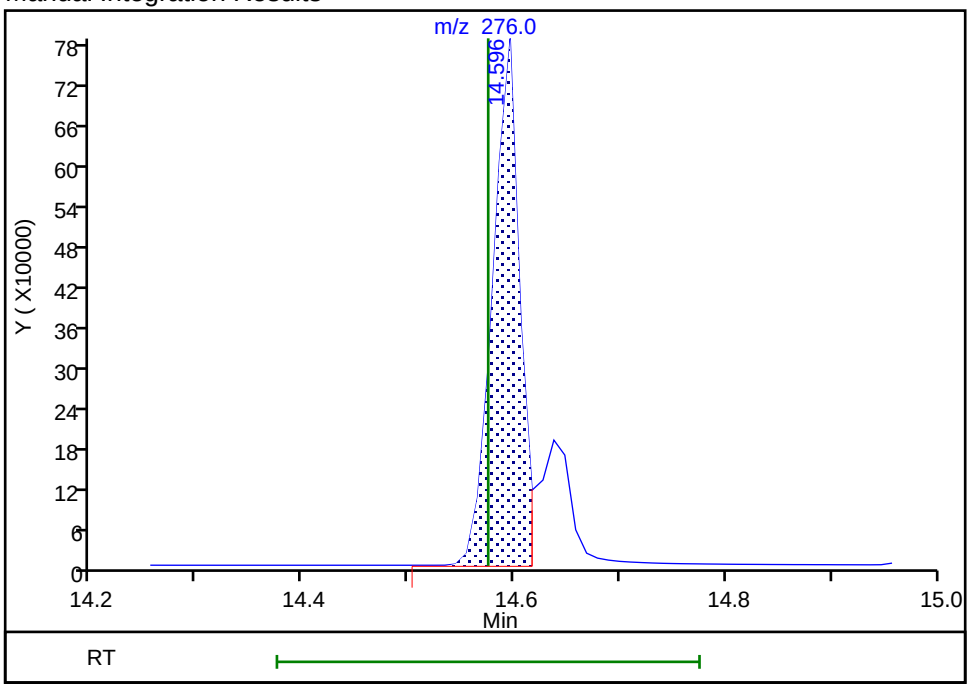
Processing Integration Results

RT: 14.60
Area: 1767968
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 14.60
Area: 1410411
Amount: 11.609479
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 07:17:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26751.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 24-May-2024 07:09:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-004
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:16 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 07:47:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.752	1.794	-0.042	92	86696	4.00	3.99	
2 N-Nitrosodimethylamine	74	1.962	1.995	-0.033	96	63143	2.00	2.25	
3 Bis(2-chloroethyl)ether	93	4.031	4.032	-0.001	96	106373	2.00	2.12	
* 4 1,4-Dichlorobenzene-d4	152	4.288	4.298	-0.010	99	9554	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.812	4.813	-0.001	94	1049762	20.0	20.9	
* 7 Naphthalene-d8	136	5.504	5.506	-0.002	100	30508	0.2000	0.2000	
8 Naphthalene	128	5.520	5.522	-0.002	100	331398	2.00	2.08	
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	100	2937180	20.0	19.1	
10 Acenaphthylene	152	7.035	7.034	0.001	100	256134	2.00	1.94	
* 11 Acenaphthene-d10	164	7.178	7.177	0.001	97	18050	0.2000	0.2000	
12 Acenaphthene	154	7.206	7.206	0.000	99	209229	2.00	2.18	
13 Fluorene	166	7.707	7.706	0.001	92	172961	2.00	1.84	M
14 4,6-Dinitro-2-methylphenol	198	7.750	7.749	0.001	100	90740	4.00	4.00	
$ 15 2,4,6-Tribromophenol	330	7.936	7.935	0.001	99	434795	20.0	19.5	
16 Hexachlorobenzene	284	8.222	8.221	0.001	74	84830	2.00	2.14	
17 Pentachlorophenol	266	8.408	8.407	0.001	84	125940	4.00	4.00	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	99	20571	0.2000	0.2000	
19 Phenanthrene	178	8.608	8.607	0.001	99	341422	2.00	2.00	
20 Anthracene	178	8.665	8.665	0.000	93	207507	2.00	2.26	
21 Fluoranthene	202	9.722	9.722	0.000	99	302447	2.00	2.73	
22 Pyrene	202	9.939	9.939	0.000	100	302091	2.00	2.10	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	95	1316485	20.0	18.2	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	97	236822	2.00	2.31	
* 25 Chrysene-d12	240	11.188	11.188	0.000	14	15545	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	99	251857	2.00	2.20	
27 Benzo[b]fluoranthene	252	12.530	12.520	0.010	100	255451	2.00	2.57	
28 Benzo[k]fluoranthene	252	12.572	12.562	0.010	83	273479	2.00	2.52	
29 Benzo[a]pyrene	252	12.974	12.964	0.010	99	182241	2.00	2.52	
* 30 Perylene-d12	264	13.057	13.047	0.010	100	13323	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.585	14.575	0.010	97	225150	2.00	2.70	M
32 Dibenz(a,h)anthracene	278	14.626	14.627	-0.001	39	219968	2.00	2.00	

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	14.988	14.988	0.000	95	262989	2.00	2.59	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL7_00003 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:16 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26751.D

Injection Date: 24-May-2024 07:09:30 Instrument ID: CBNAMS4 Operator ID:

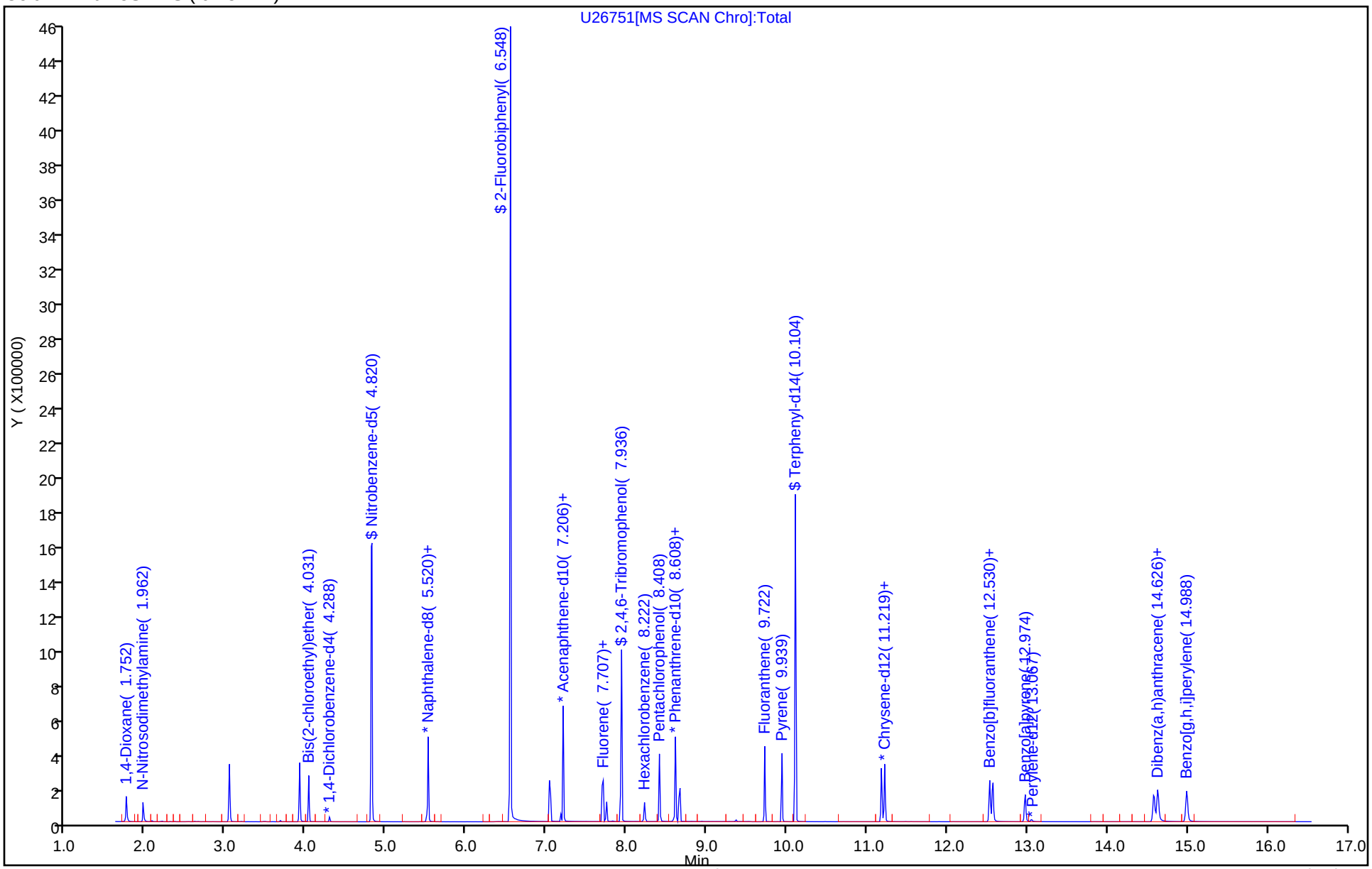
Lims ID: STD7 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

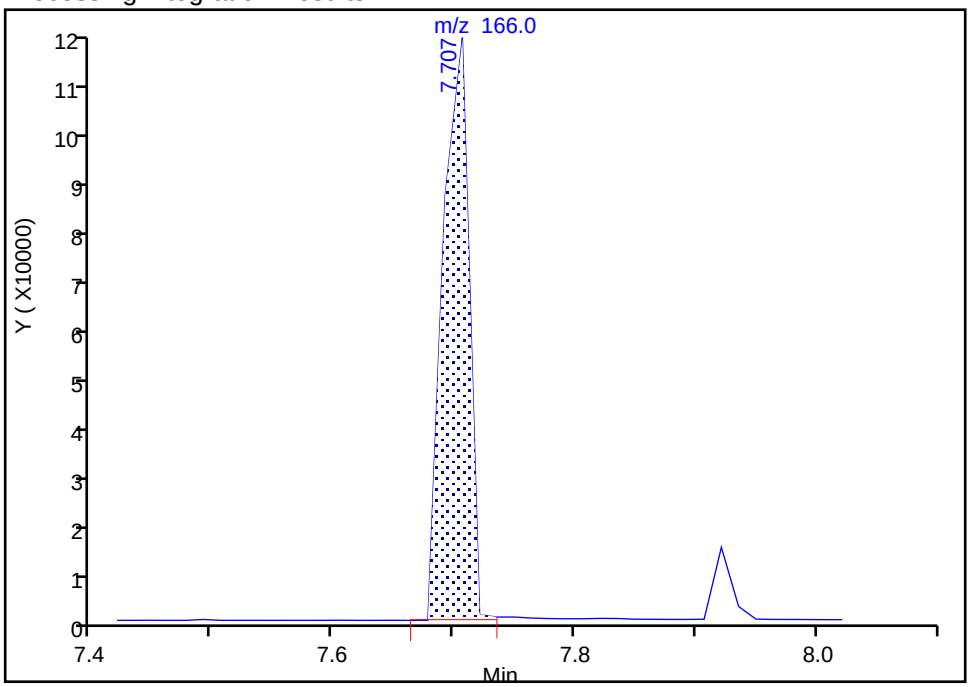
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26751.D				
Injection Date:	24-May-2024 07:09:30	Instrument ID:	CBNAMS4		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

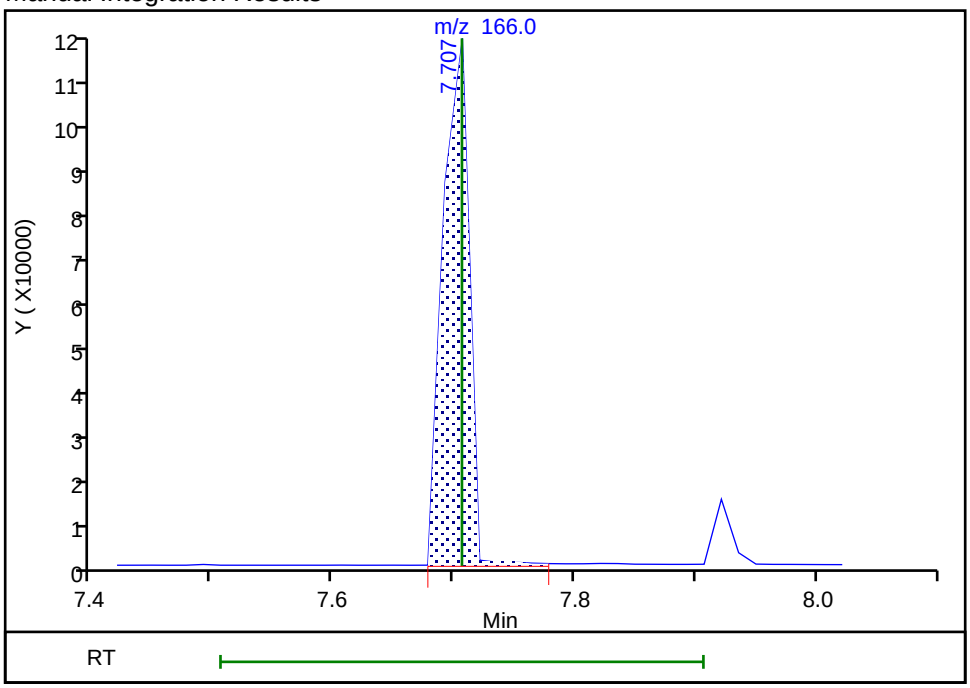
Processing Integration Results

RT: 7.71
Area: 171706
Amount: 1.524061
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 172961
Amount: 1.836718
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:33:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

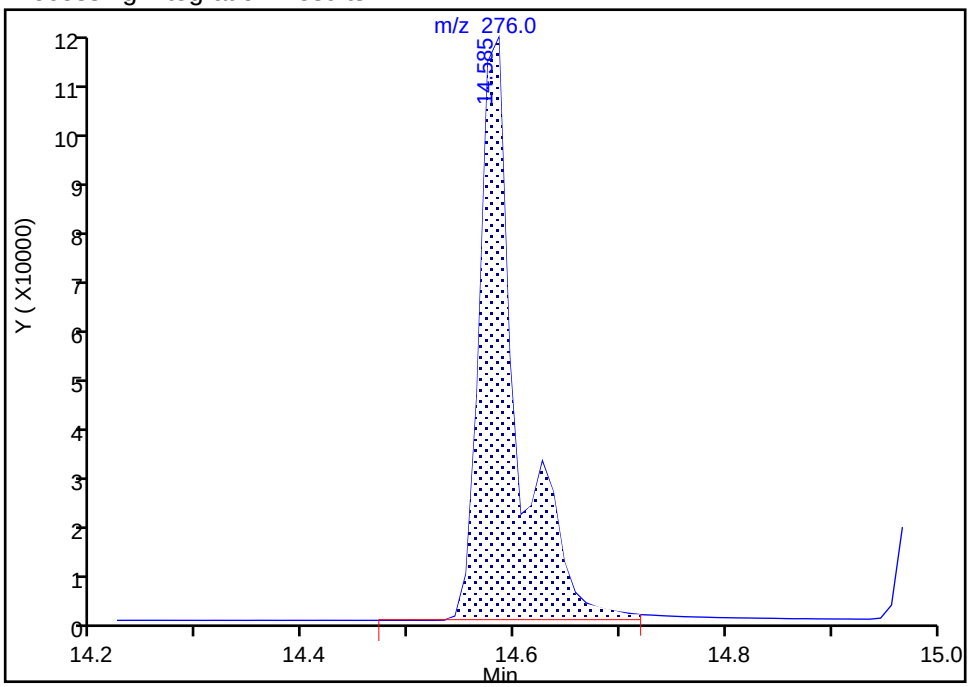
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26751.D				
Injection Date:	24-May-2024 07:09:30	Instrument ID:	CBNAMS4		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

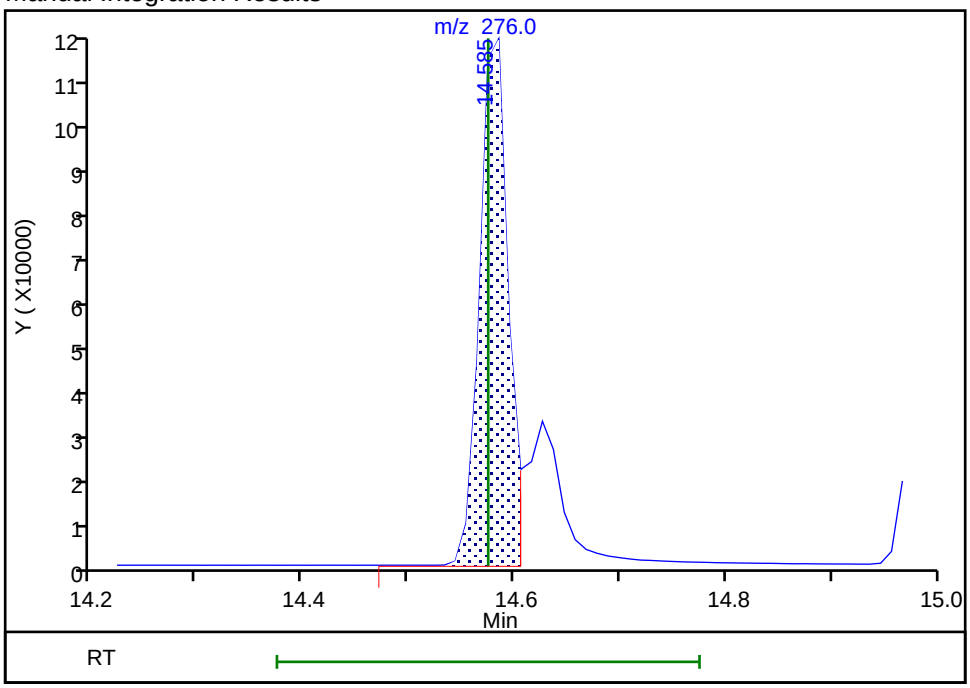
Processing Integration Results

RT: 14.59
Area: 294533
Amount: 2.000000
Amount Units: ug/ml



Manual Integration Results

RT: 14.59
Area: 225150
Amount: 2.701800
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 07:46:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26752.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 24-May-2024 07:30:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-005
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:18 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 07:54:21

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	1.770	1.794	-0.024	99	44634	2.00	2.13	
2 N-Nitrosodimethylamine	74	1.971	1.995	-0.024	98	28773	1.00	1.06	
3 Bis(2-chloroethyl)ether	93	4.033	4.032	0.001	97	50634	1.00	1.05	
* 4 1,4-Dichlorobenzene-d4	152	4.290	4.298	-0.008	99	9191	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.814	4.813	0.001	98	253593	5.00	5.29	
* 7 Naphthalene-d8	136	5.506	5.506	0.000	100	29126	0.2000	0.2000	
8 Naphthalene	128	5.522	5.522	0.000	100	63364	0.4000	0.4156	
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	100	743907	5.00	5.19	
10 Acenaphthylene	152	7.048	7.034	0.014	98	45806	0.4000	0.3714	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	96	16858	0.2000	0.2000	
12 Acenaphthene	154	7.205	7.206	-0.001	98	37059	0.4000	0.4133	
13 Fluorene	166	7.706	7.706	0.000	92	31509	0.4000	0.3583	M
14 4,6-Dinitro-2-methylphenol	198	7.749	7.749	0.000	100	31184	2.00	2.04	
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	100	120710	5.00	5.79	
16 Hexachlorobenzene	284	8.221	8.221	0.000	75	36921	1.00	0.8447	
17 Pentachlorophenol	266	8.407	8.407	0.000	85	20814	1.00	1.05	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	100	21497	0.2000	0.2000	
19 Phenanthrene	178	8.607	8.607	0.000	99	58138	0.4000	0.4269	
20 Anthracene	178	8.664	8.665	-0.001	93	38106	0.4000	0.3970	
21 Fluoranthene	202	9.722	9.722	0.000	100	52317	0.4000	0.4523	
22 Pyrene	202	9.939	9.939	0.000	100	52886	0.4000	0.4078	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	99	340857	5.00	5.23	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	98	37865	0.4000	0.4085	
* 25 Chrysene-d12	240	11.188	11.188	0.000	78	14030	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	100	42616	0.4000	0.4131	
27 Benzo[b]fluoranthene	252	12.531	12.520	0.011	98	41878	0.4000	0.4408	
28 Benzo[k]fluoranthene	252	12.562	12.562	0.000	84	45241	0.4000	0.4363	
29 Benzo[a]pyrene	252	12.975	12.964	0.011	99	30384	0.4000	0.4411	
* 30 Perylene-d12	264	13.047	13.047	0.000	97	12714	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.575	14.575	0.000	100	32395	0.4000	0.4074	M
32 Dibenz(a,h)anthracene	278	14.627	14.627	0.000	39	31602	0.4000	0.4034	

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	14.988	14.988	0.000	83	41277	0.4000	0.4252	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

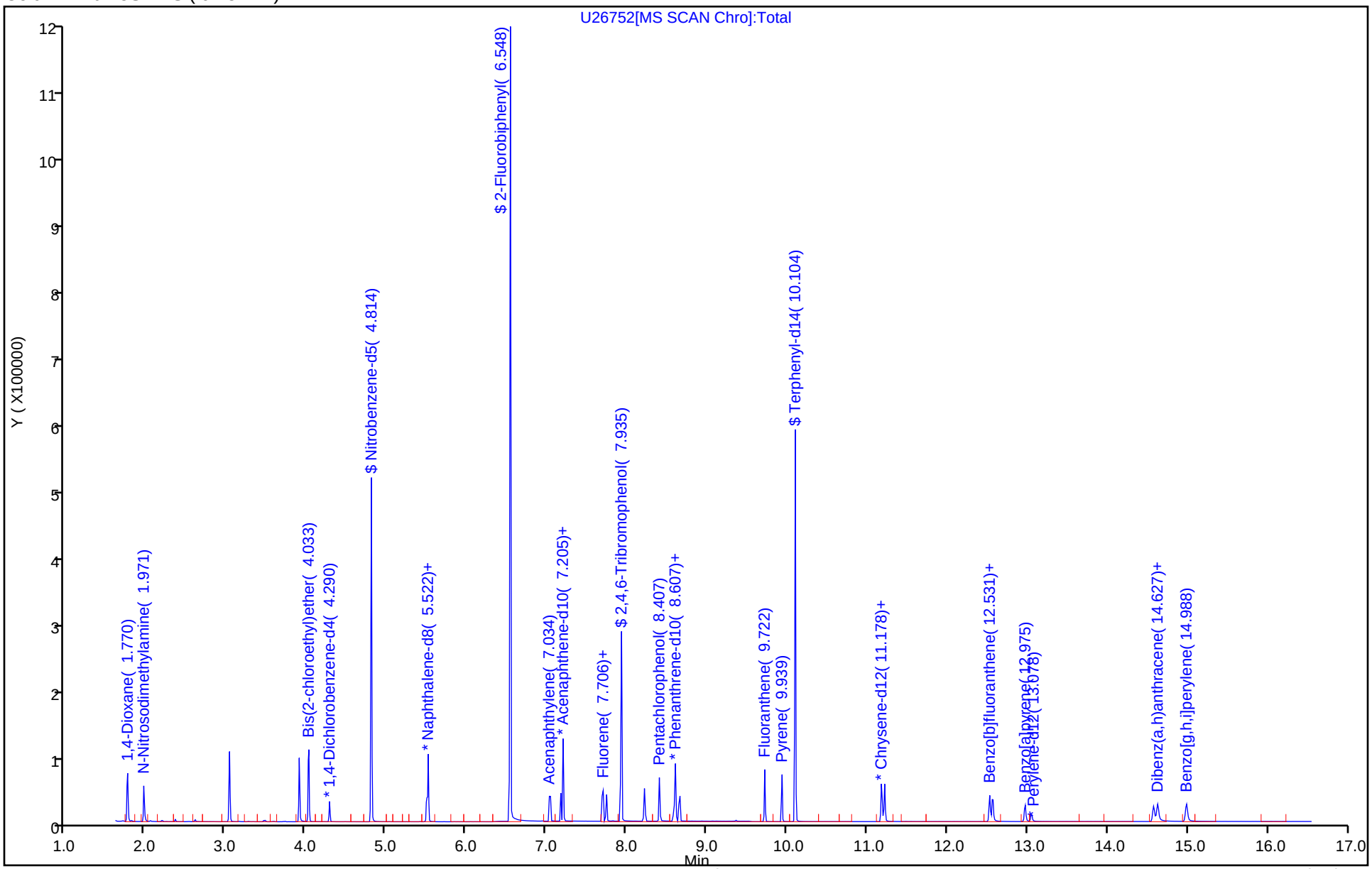
SM_simSlviL6_00020 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:18 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26752.D				
Injection Date:	24-May-2024 07:30:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

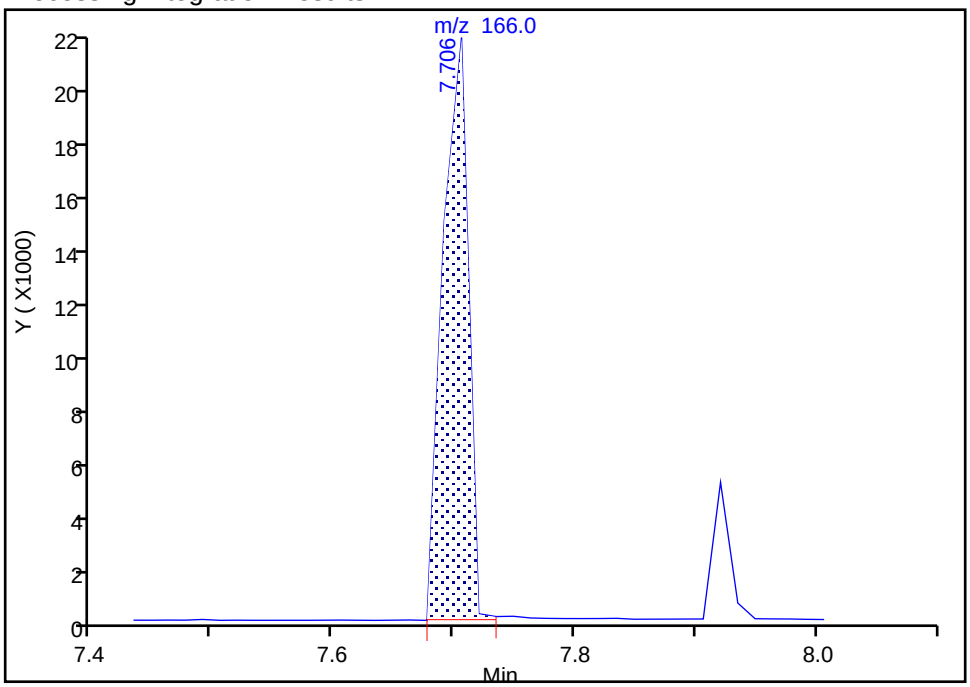
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26752.D				
Injection Date:	24-May-2024 07:30:30	Instrument ID:	CBNAMS4		
Lims ID:	STD6				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

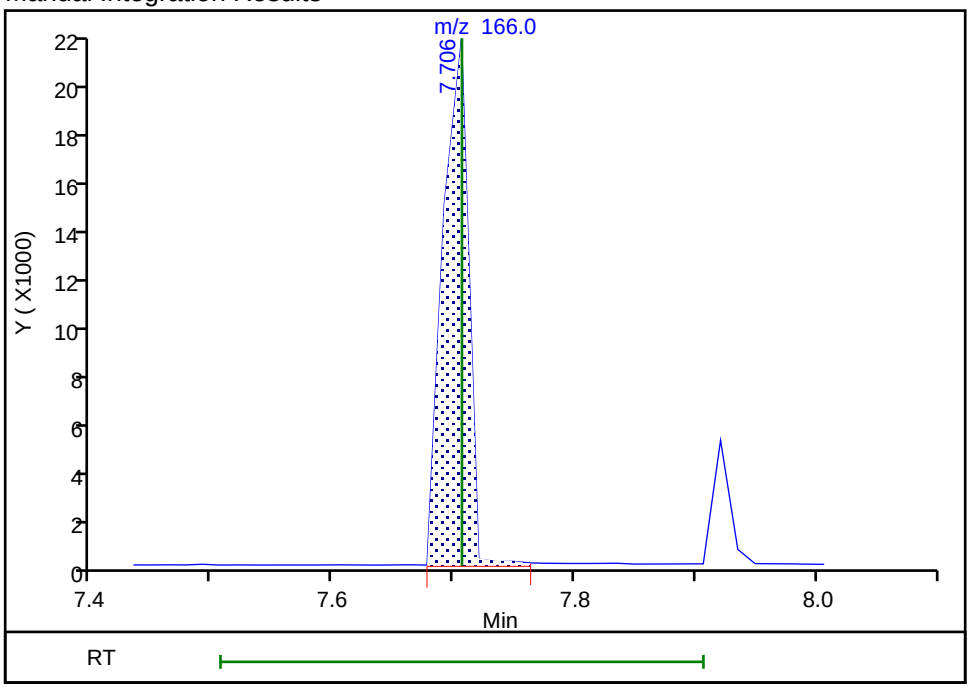
Processing Integration Results

RT: 7.71
Area: 31268
Amount: 0.369162
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 31509
Amount: 0.358261
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:33:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

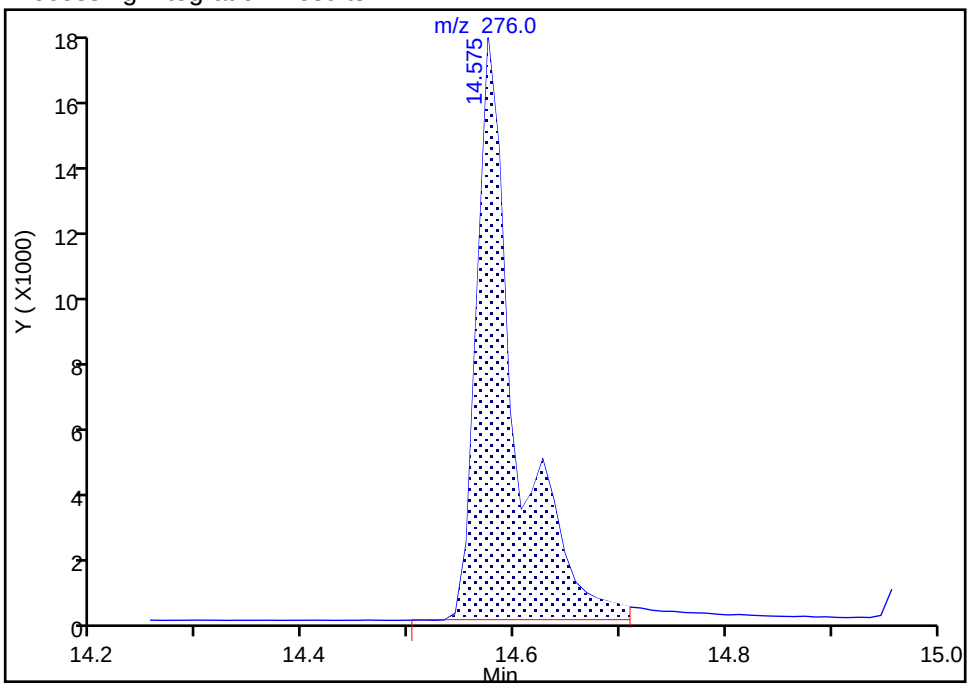
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26752.D				
Injection Date:	24-May-2024 07:30:30	Instrument ID:	CBNAMS4		
Lims ID:	STD6				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

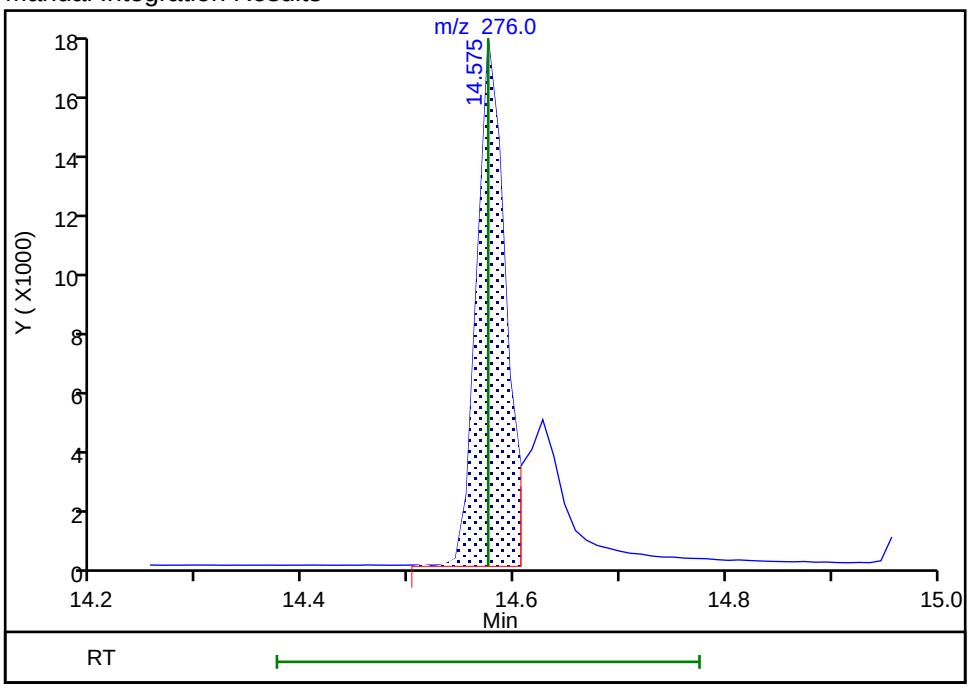
Processing Integration Results

RT: 14.58
Area: 43471
Amount: 0.450012
Amount Units: ug/ml



Manual Integration Results

RT: 14.58
Area: 32395
Amount: 0.407361
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 07:54:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26753.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-May-2024 07:51:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-006
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:20 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 08:17:10

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	1.776	1.794	-0.018	95	9945	0.4000	0.4323	
2 N-Nitrosodimethylamine	74	1.985	1.995	-0.010	96	5635	0.2000	0.1962	
3 Bis(2-chloroethyl)ether	93	4.030	4.032	-0.002	99	10184	0.2000	0.1988	
* 4 1,4-Dichlorobenzene-d4	152	4.288	4.298	-0.010	100	9759	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.811	4.813	-0.002	100	40735	0.8000	0.8213	
* 7 Naphthalene-d8	136	5.504	5.506	-0.002	100	30120	0.2000	0.2000	
8 Naphthalene	128	5.520	5.522	-0.002	100	16045	0.1000	0.1018	
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	100	111904	0.8000	0.7838	
10 Acenaphthylene	152	7.034	7.034	0.000	100	10959	0.1000	0.0893	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	97	16782	0.2000	0.2000	
12 Acenaphthene	154	7.206	7.206	0.000	98	9248	0.1000	0.1036	
13 Fluorene	166	7.707	7.706	0.001	91	7415	0.1000	0.0847	M
14 4,6-Dinitro-2-methylphenol	198	7.749	7.749	0.000	98	3911	0.4000	0.5060	
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	100	14332	0.8000	0.7044	
16 Hexachlorobenzene	284	8.221	8.221	0.000	70	7685	0.2000	0.1938	
17 Pentachlorophenol	266	8.407	8.407	0.000	82	2991	0.2000	0.2103	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	99	18994	0.2000	0.2000	
19 Phenanthrene	178	8.608	8.607	0.001	99	14284	0.1000	0.1262	
20 Anthracene	178	8.665	8.665	0.000	94	8527	0.1000	0.1005	
21 Fluoranthene	202	9.722	9.722	0.000	100	11100	0.1000	0.1086	
22 Pyrene	202	9.939	9.939	0.000	100	10895	0.1000	0.1023	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	98	45954	0.8000	0.8584	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	96	7316	0.1000	0.0961	
* 25 Chrysene-d12	240	11.188	11.188	0.000	96	11523	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	100	8752	0.1000	0.1033	
27 Benzo[b]fluoranthene	252	12.531	12.520	0.011	100	8005	0.1000	0.1010	
28 Benzo[k]fluoranthene	252	12.562	12.562	0.000	84	8377	0.1000	0.0968	
29 Benzo[a]pyrene	252	12.975	12.964	0.011	100	5520	0.1000	0.0961	M
* 30 Perylene-d12	264	13.047	13.047	0.000	100	10607	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.575	14.575	0.000	100	6096	0.1000	0.0919	M
32 Dibenz(a,h)anthracene	278	14.627	14.627	0.000	39	6168	0.1000	0.1009	

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	14.988	14.988	0.000	75	7990	0.1000	0.0987	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

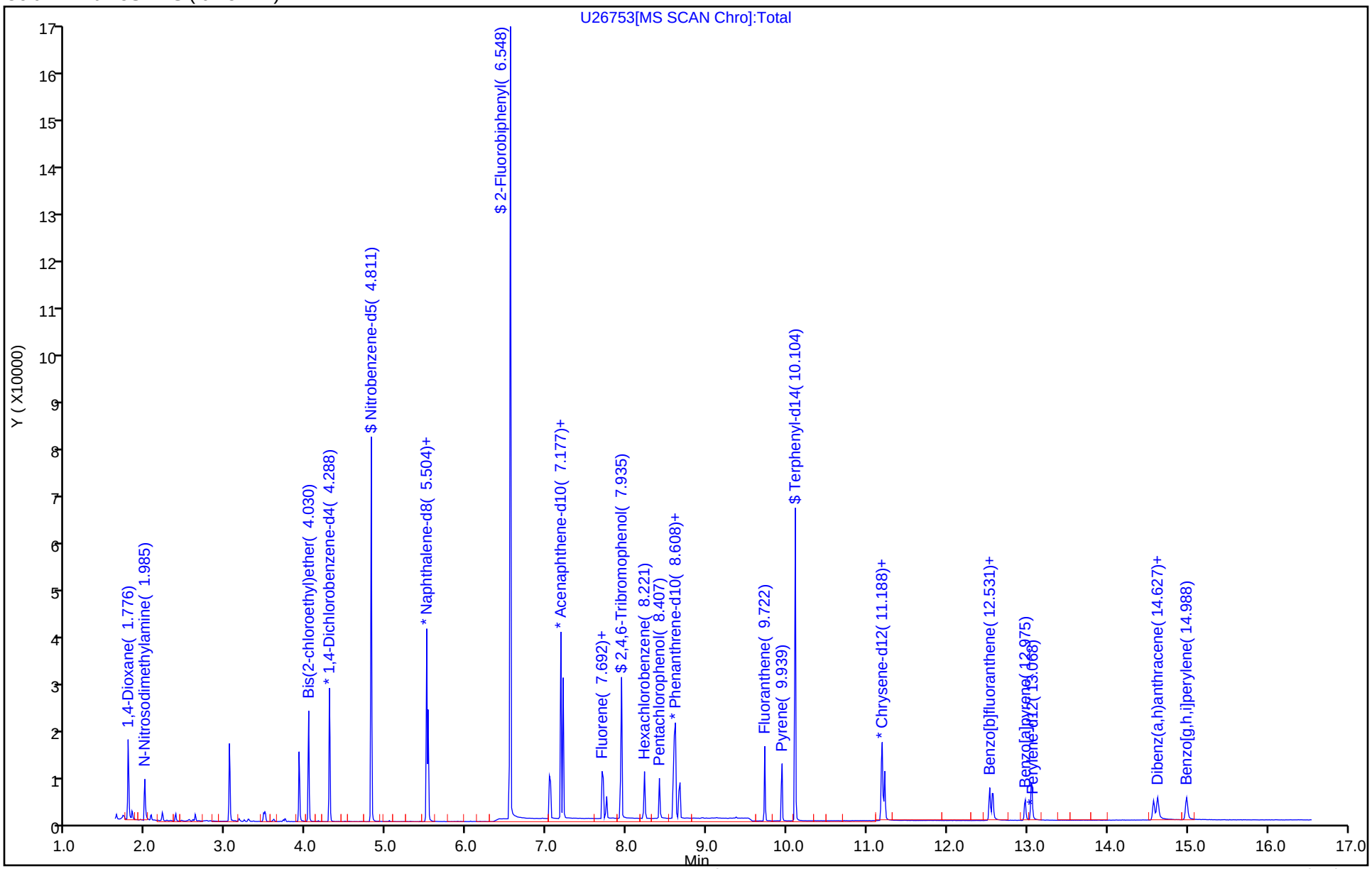
SM_simSlviL4_00018 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:20 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26753.D				
Injection Date:	24-May-2024 07:51:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

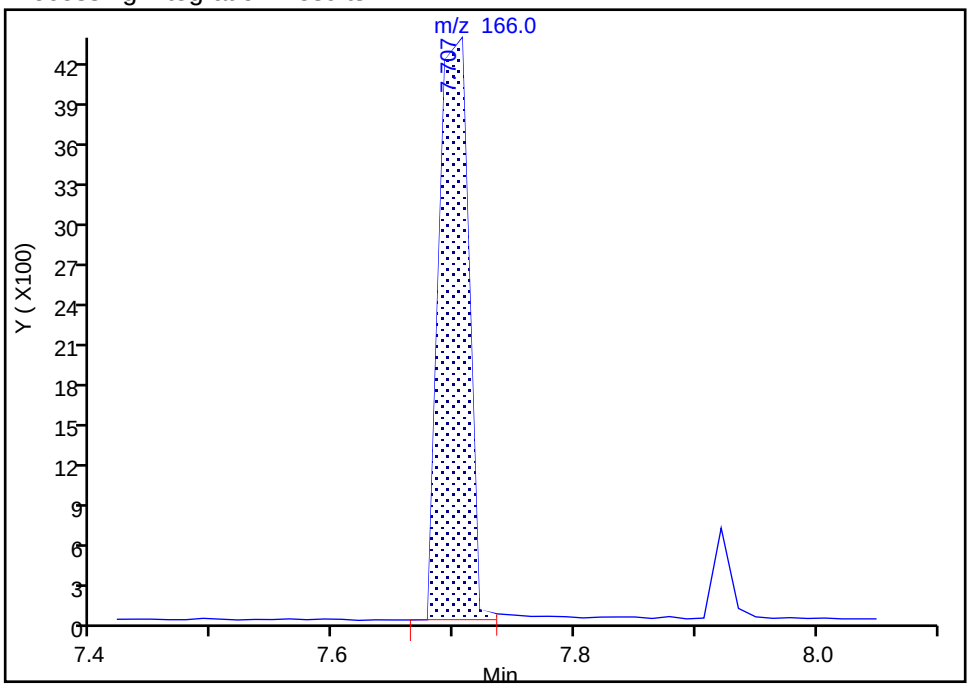
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26753.D				
Injection Date:	24-May-2024 07:51:30	Instrument ID:	CBNAMS4		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

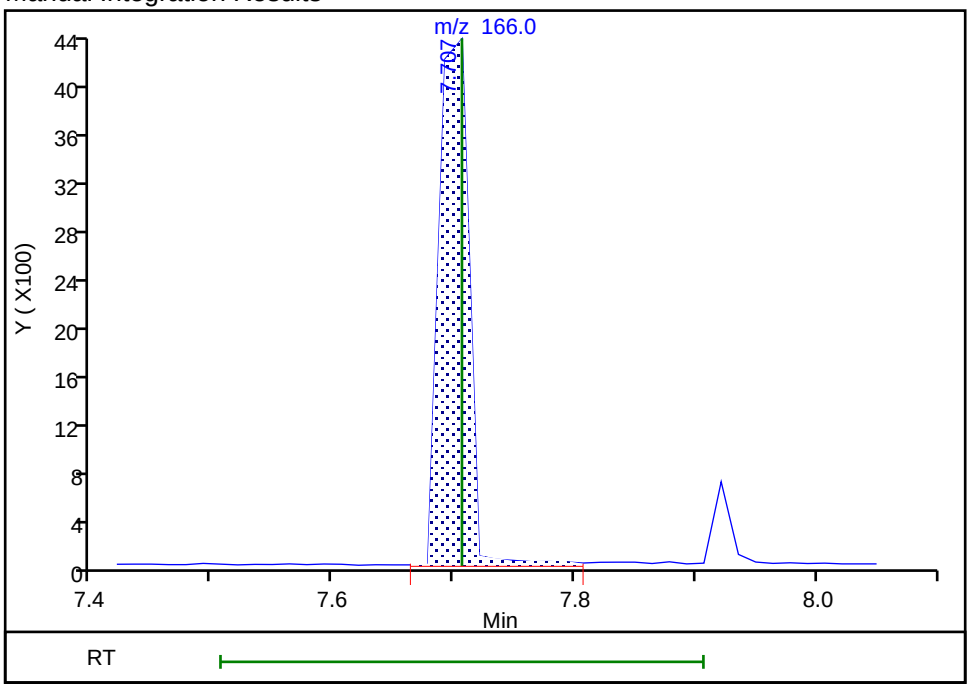
Processing Integration Results

RT: 7.71
Area: 7295
Amount: 0.155110
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 7415
Amount: 0.084691
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:33:20 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

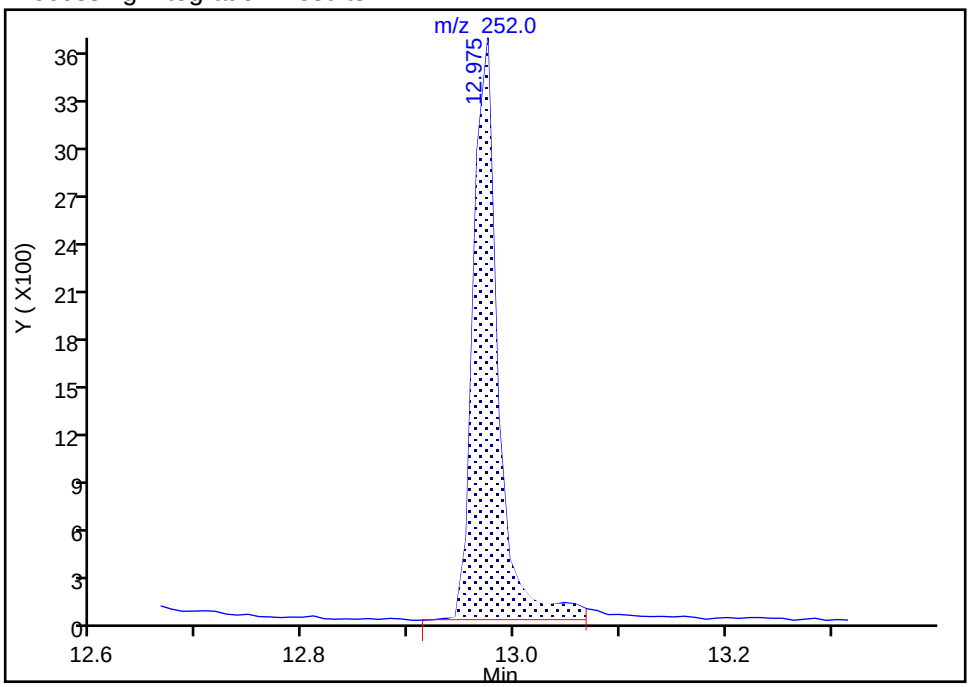
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26753.D				
Injection Date:	24-May-2024 07:51:30	Instrument ID:	CBNAMS4		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

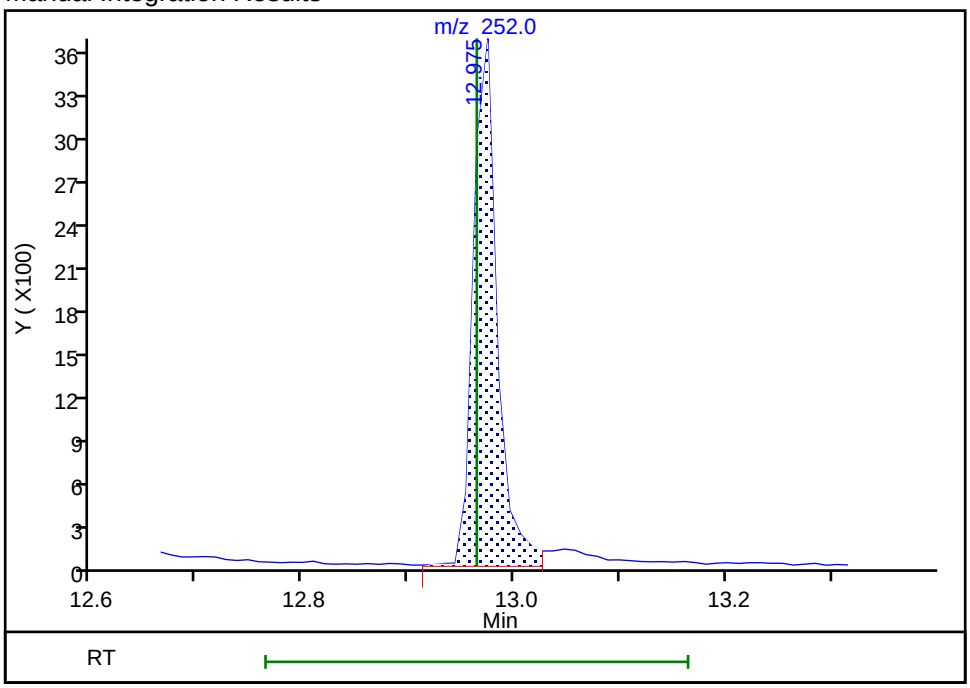
Processing Integration Results

RT: 12.97
Area: 5749
Amount: 0.092286
Amount Units: ug/ml



Manual Integration Results

RT: 12.97
Area: 5520
Amount: 0.096060
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 08:17:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

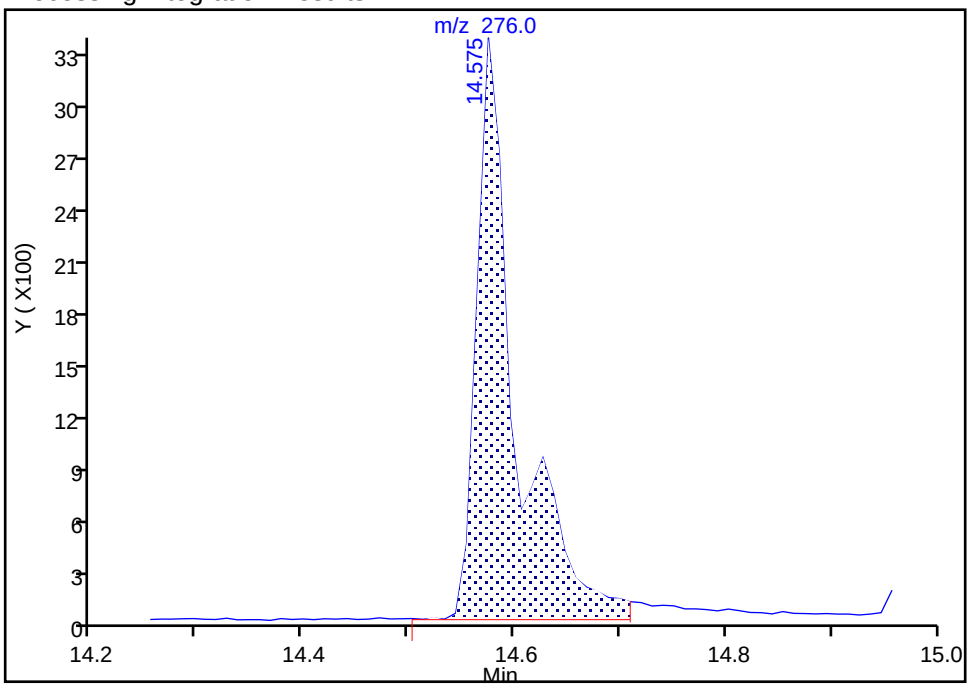
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26753.D				
Injection Date:	24-May-2024 07:51:30	Instrument ID:	CBNAMS4		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

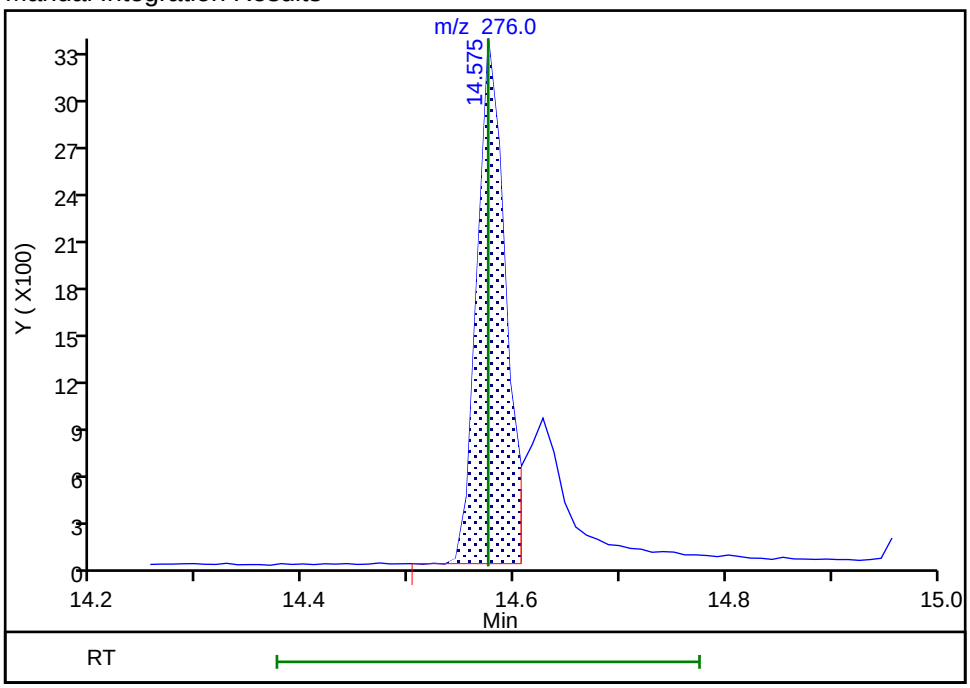
Processing Integration Results

RT: 14.58
Area: 8306
Amount: 0.108626
Amount Units: ug/ml



Manual Integration Results

RT: 14.58
Area: 6096
Amount: 0.091883
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 08:16:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26754.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 24-May-2024 08:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-007
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:22 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 08:40:03

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	1.784	1.794	-0.010	95	5844	0.2000	0.1865	M
2 N-Nitrosodimethylamine	74	1.985	1.995	-0.010	97	3705	0.1000	0.0996	
3 Bis(2-chloroethyl)ether	93	4.030	4.032	-0.002	99	1218	0.0200	0.0184	
* 4 1,4-Dichlorobenzene-d4	152	4.288	4.298	-0.010	99	12637	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.811	4.813	-0.002	100	26561	0.4000	0.4165	
* 7 Naphthalene-d8	136	5.503	5.506	-0.003	100	38722	0.2000	0.2000	
8 Naphthalene	128	5.519	5.522	-0.003	100	3863	0.0200	0.0191	
$ 9 2-Fluorobiphenyl	172	6.547	6.548	-0.001	100	78477	0.4000	0.4449	
10 Acenaphthylene	152	7.048	7.034	0.014	99	2849	0.0200	0.0188	
* 11 Acenaphthene-d10	164	7.176	7.177	-0.001	94	20735	0.2000	0.2000	
12 Acenaphthene	154	7.205	7.206	-0.001	96	2204	0.0200	0.0200	
13 Fluorene	166	7.705	7.706	-0.001	93	1976	0.0200	0.0183	M
14 4,6-Dinitro-2-methylphenol	198	7.748	7.749	-0.001	100	2347	0.2000	0.2299	
$ 15 2,4,6-Tribromophenol	330	7.934	7.935	-0.001	99	9801	0.4000	0.3966	
16 Hexachlorobenzene	284	8.220	8.221	-0.001	79	852	0.0200	0.0140	
17 Pentachlorophenol	266	8.406	8.407	-0.001	87	1554	0.1000	0.0743	
* 18 Phenanthrene-d10	188	8.592	8.593	-0.001	100	29024	0.2000	0.2000	
19 Phenanthrene	178	8.606	8.607	-0.001	99	3181	0.0200	0.0188	
20 Anthracene	178	8.664	8.665	-0.001	94	2230	0.0200	0.0172	
21 Fluoranthene	202	9.722	9.722	0.000	99	2727	0.0200	0.0175	
22 Pyrene	202	9.939	9.939	0.000	100	2699	0.0200	0.0184	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	99	31271	0.4000	0.4243	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	71	1896	0.0200	0.0181	
* 25 Chrysene-d12	240	11.188	11.188	0.000	89	15865	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	99	2041	0.0200	0.0175	
27 Benzo[b]fluoranthene	252	12.530	12.520	0.010	100	1981	0.0200	0.0182	
28 Benzo[k]fluoranthene	252	12.561	12.562	-0.001	79	2139	0.0200	0.0180	
29 Benzo[a]pyrene	252	12.974	12.964	0.010	99	1334	0.0200	0.0169	
* 30 Perylene-d12	264	13.057	13.047	0.010	98	14546	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.575	14.575	0.000	100	1490	0.0200	0.0164	M
32 Dibenz(a,h)anthracene	278	14.626	14.627	-0.001	39	1358	0.0200	0.0165	

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	14.988	14.988	0.000	73	1890	0.0200	0.0170	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL3_00022 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:23 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26754.D

Injection Date: 24-May-2024 08:11:30 Instrument ID: CBNAMS4 Operator ID:

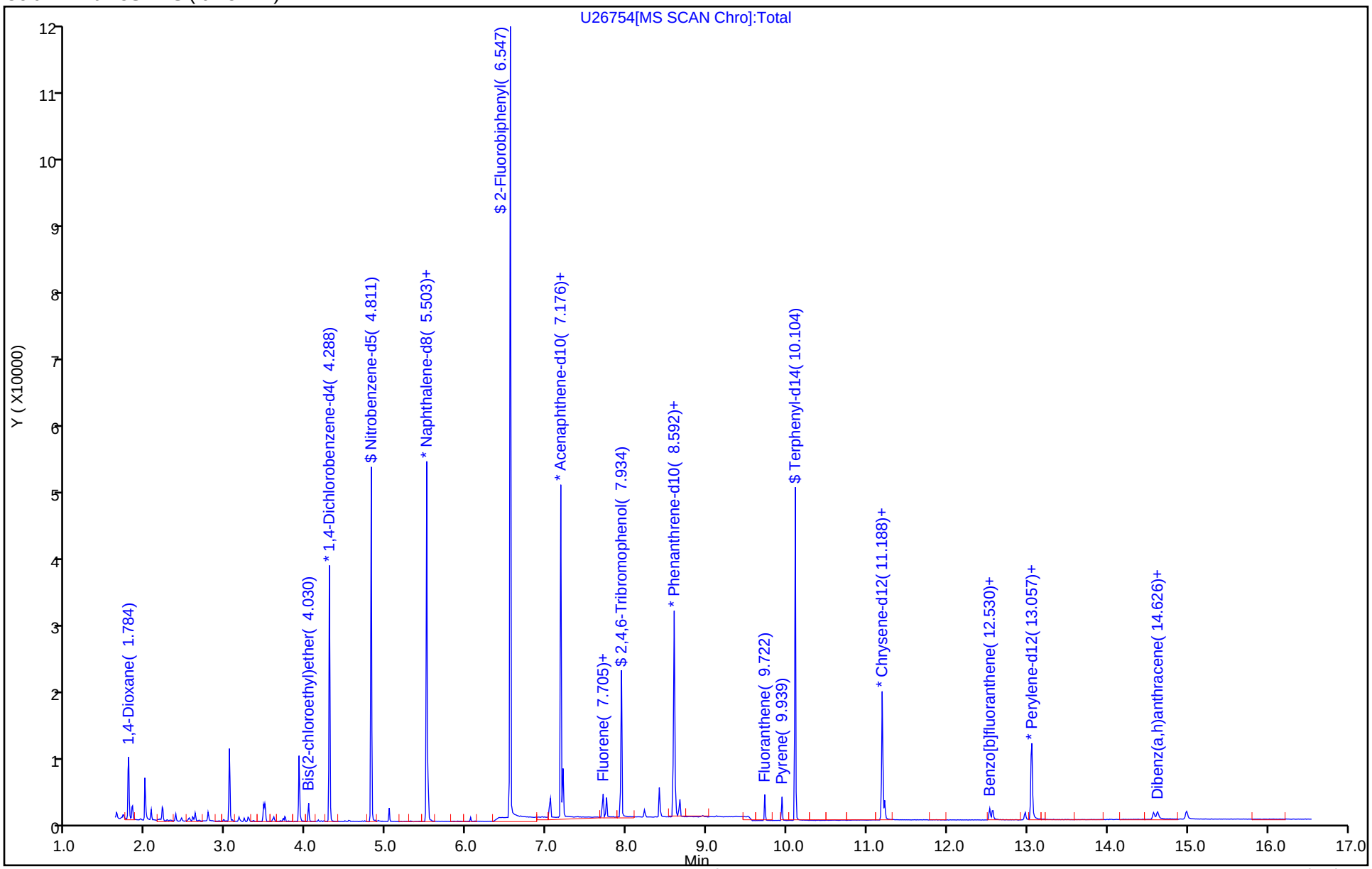
Lims ID: STD3 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

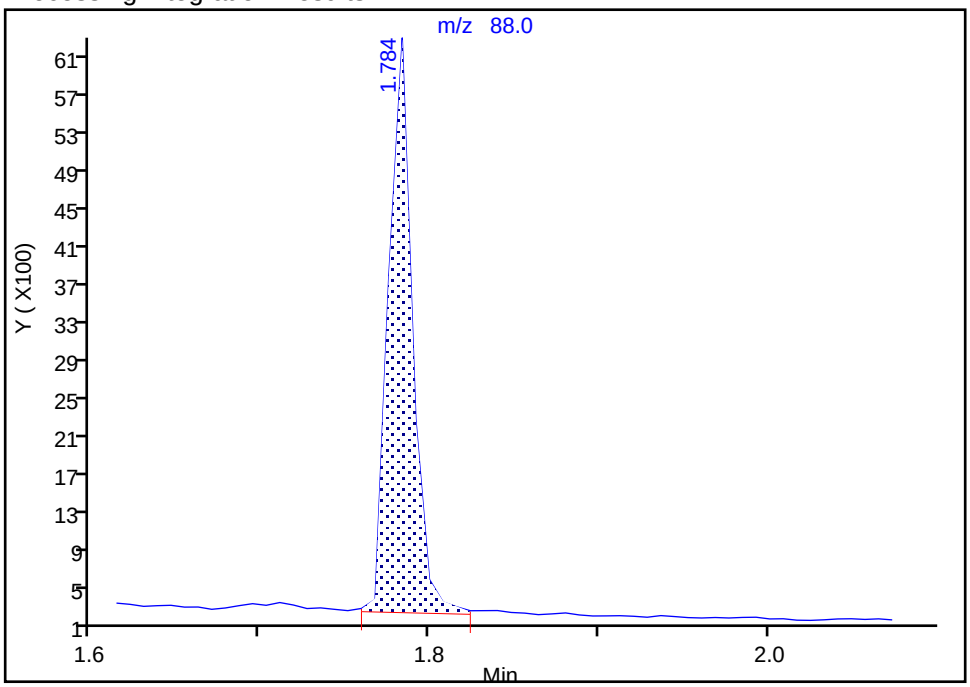
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26754.D				
Injection Date:	24-May-2024 08:11:30	Instrument ID:	CBNAMS4		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

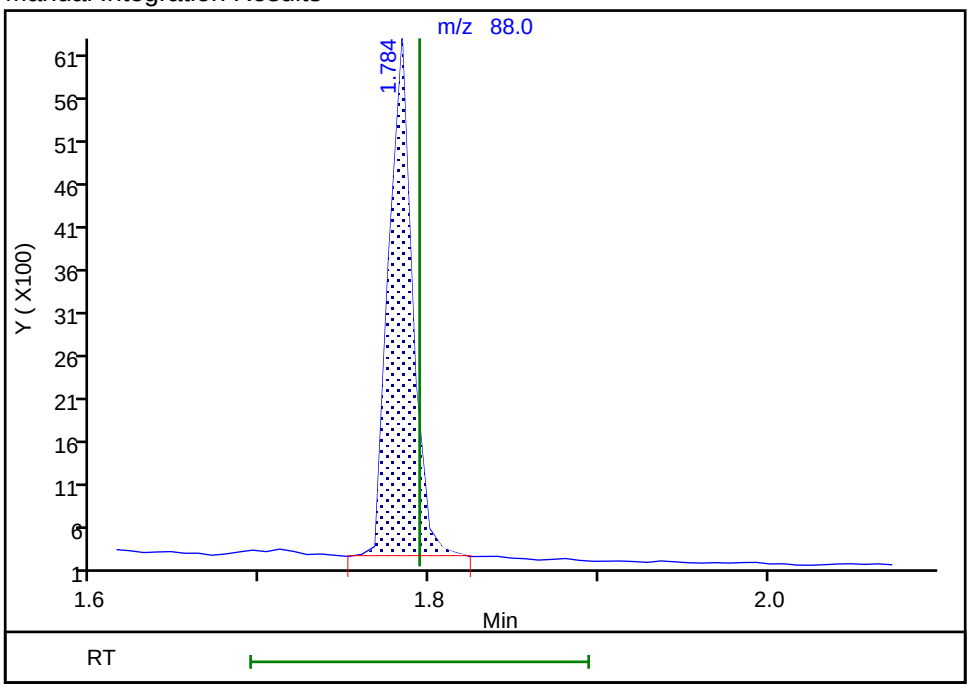
Processing Integration Results

RT: 1.78
Area: 5933
Amount: 0.188603
Amount Units: ug/ml



Manual Integration Results

RT: 1.78
Area: 5844
Amount: 0.186502
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:17:25 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

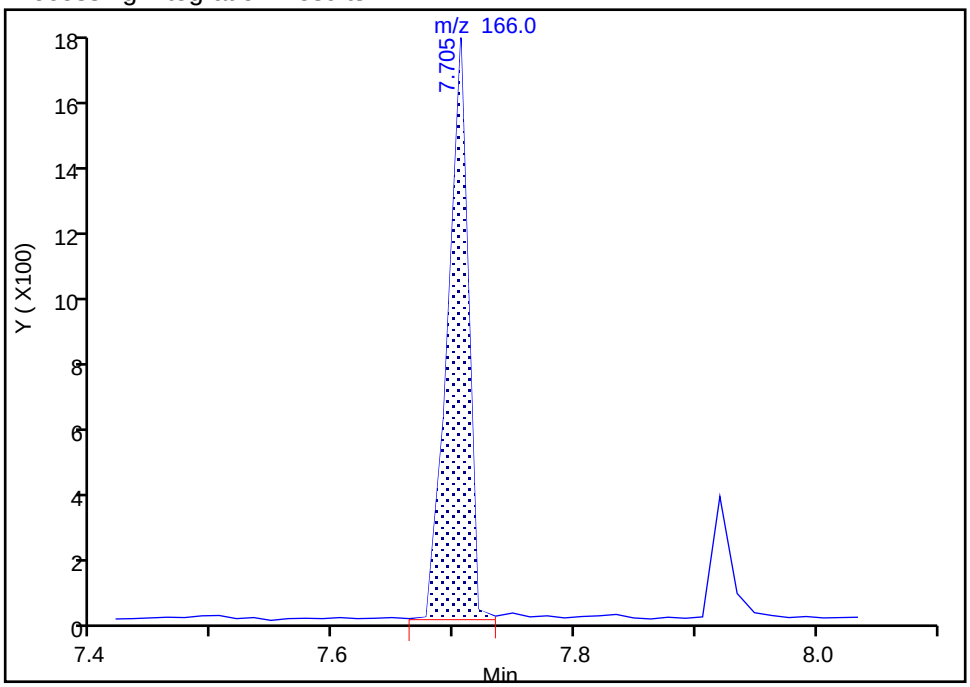
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26754.D				
Injection Date:	24-May-2024 08:11:30	Instrument ID:	CBNAMS4		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

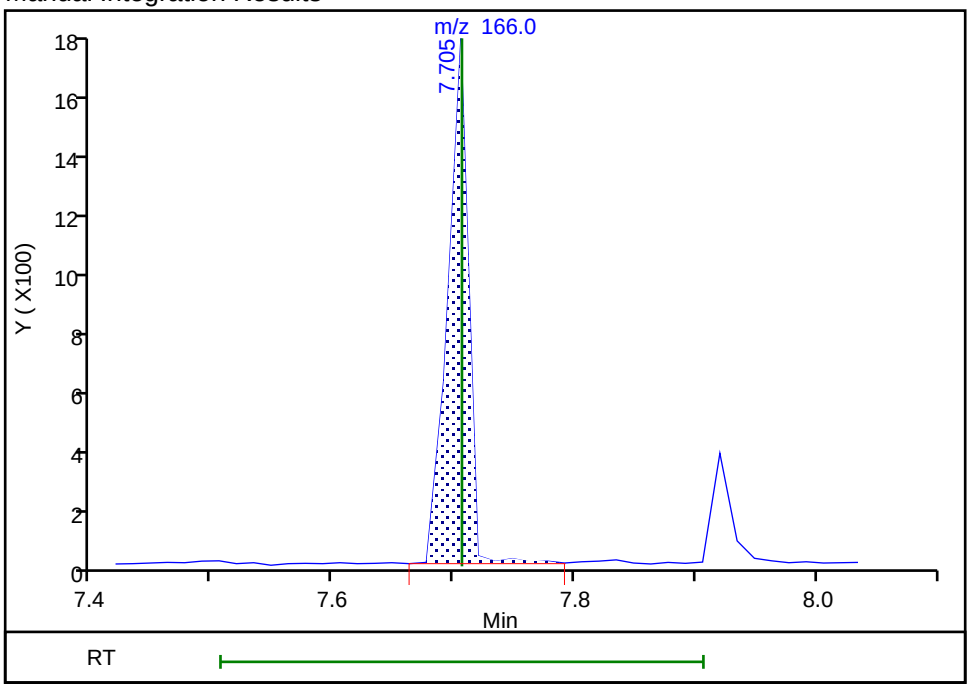
Processing Integration Results

RT: 7.71
Area: 1949
Amount: 0.103749
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 1976
Amount: 0.018266
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:33:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

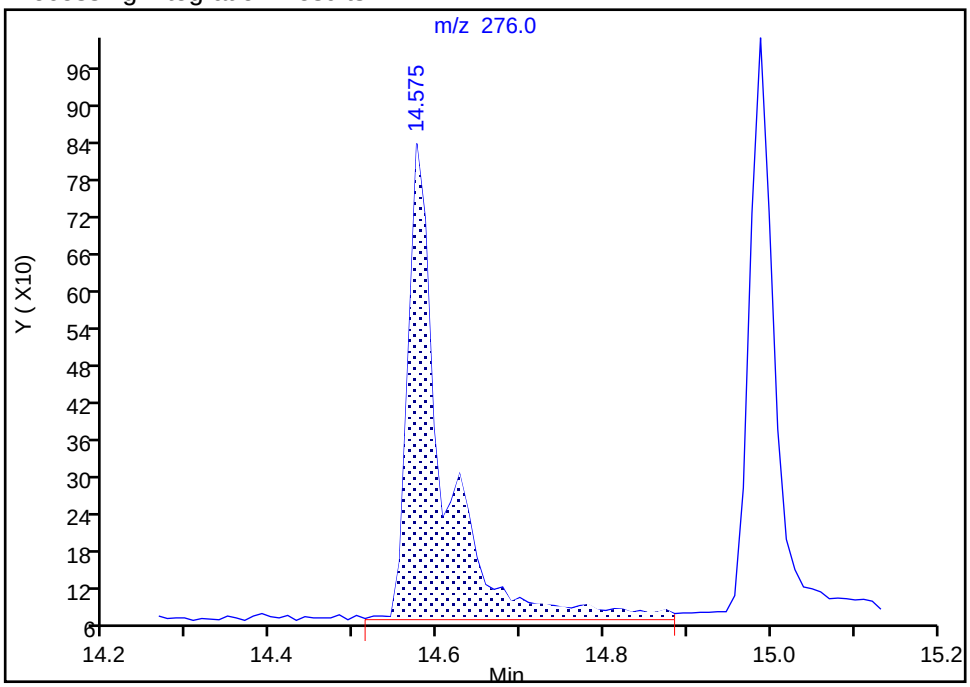
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26754.D				
Injection Date:	24-May-2024 08:11:30	Instrument ID:	CBNAMS4		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

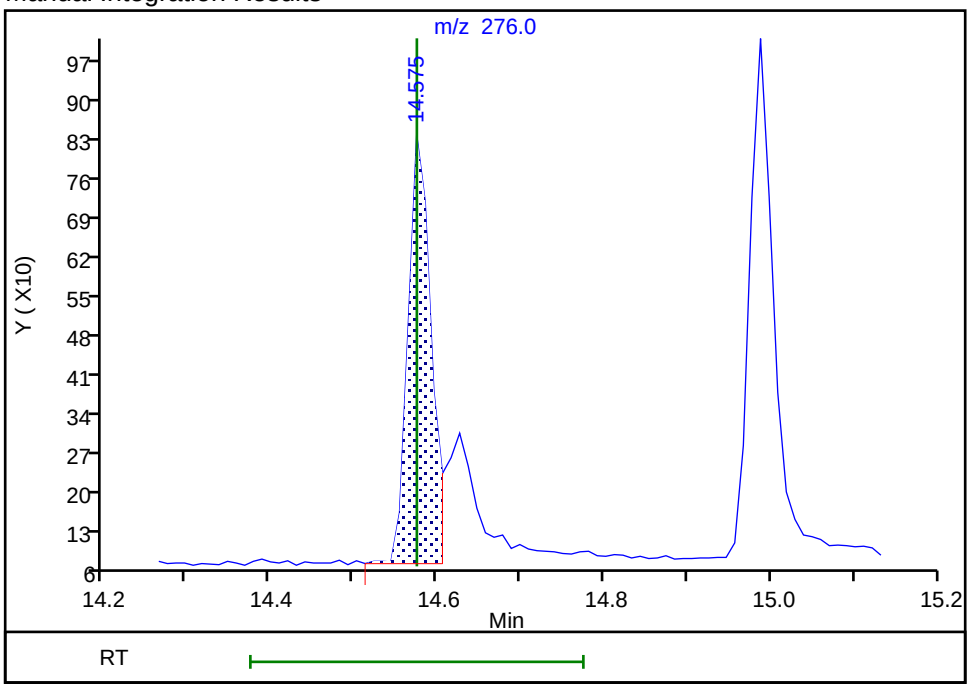
Processing Integration Results

RT: 14.57
Area: 2235
Amount: 0.022138
Amount Units: ug/ml



Manual Integration Results

RT: 14.57
Area: 1490
Amount: 0.016377
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 08:39:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-May-2024 08:32:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-008
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:24 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 08:55:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.784	1.794	-0.010	95	2601	0.1000	0.0953	M
2 N-Nitrosodimethylamine	74	1.993	1.995	-0.002	96	1379	0.0500	0.0461	
3 Bis(2-chloroethyl)ether	93	4.030	4.032	-0.002	95	250	0.005000	0.004684	
* 4 1,4-Dichlorobenzene-d4	152	4.288	4.298	-0.010	99	10166	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.811	4.813	-0.002	100	10066	0.2000	0.1940	
* 7 Naphthalene-d8	136	5.504	5.506	-0.002	100	31503	0.2000	0.2000	
8 Naphthalene	128	5.520	5.522	-0.002	100	1646	0.0100	0.0100	
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	100	30102	0.2000	0.2085	
10 Acenaphthylene	152	7.048	7.034	0.014	99	1141	0.0100	0.009188	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	95	16974	0.2000	0.2000	
12 Acenaphthene	154	7.206	7.206	0.000	94	860	0.0100	0.009527	
13 Fluorene	166	7.706	7.706	0.000	92	752	0.0100	0.008492	M
14 4,6-Dinitro-2-methylphenol	198	7.749	7.749	0.000	96	832	0.1000	0.1269	
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	99	3092	0.2000	0.1622	
16 Hexachlorobenzene	284	8.221	8.221	0.000	58	178	0.005000	0.004273	
17 Pentachlorophenol	266	8.407	8.407	0.000	86	559	0.0500	0.0396	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	100	19797	0.2000	0.2000	
19 Phenanthrene	178	8.607	8.607	0.000	98	1289	0.0100	0.0112	
20 Anthracene	178	8.664	8.665	-0.001	94	813	0.0100	0.009198	
21 Fluoranthene	202	9.722	9.722	0.000	100	1016	0.0100	0.009538	
22 Pyrene	202	9.939	9.939	0.000	100	1004	0.0100	0.0100	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	98	10722	0.2000	0.2117	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	23	682	0.0100	0.009469	
* 25 Chrysene-d12	240	11.188	11.188	0.000	89	10901	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	100	760	0.0100	0.009482	
27 Benzo[b]fluoranthene	252	12.531	12.520	0.011	96	687	0.0100	0.009120	
28 Benzo[k]fluoranthene	252	12.562	12.562	0.000	79	683	0.0100	0.008308	
29 Benzo[a]pyrene	252	12.975	12.964	0.011	100	472	0.0100	0.008643	a
* 30 Perylene-d12	264	13.047	13.047	0.000	98	10080	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.575	14.575	0.000	99	550	0.0100	0.008723	M
32 Dibenz(a,h)anthracene	278	14.627	14.627	0.000	39	489	0.0100	0.008596	

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	14.988	14.988	0.000	68	709	0.0100	0.009213	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL2_00019 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:25 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D

Injection Date: 24-May-2024 08:32:30 Instrument ID: CBNAMS4 Operator ID:

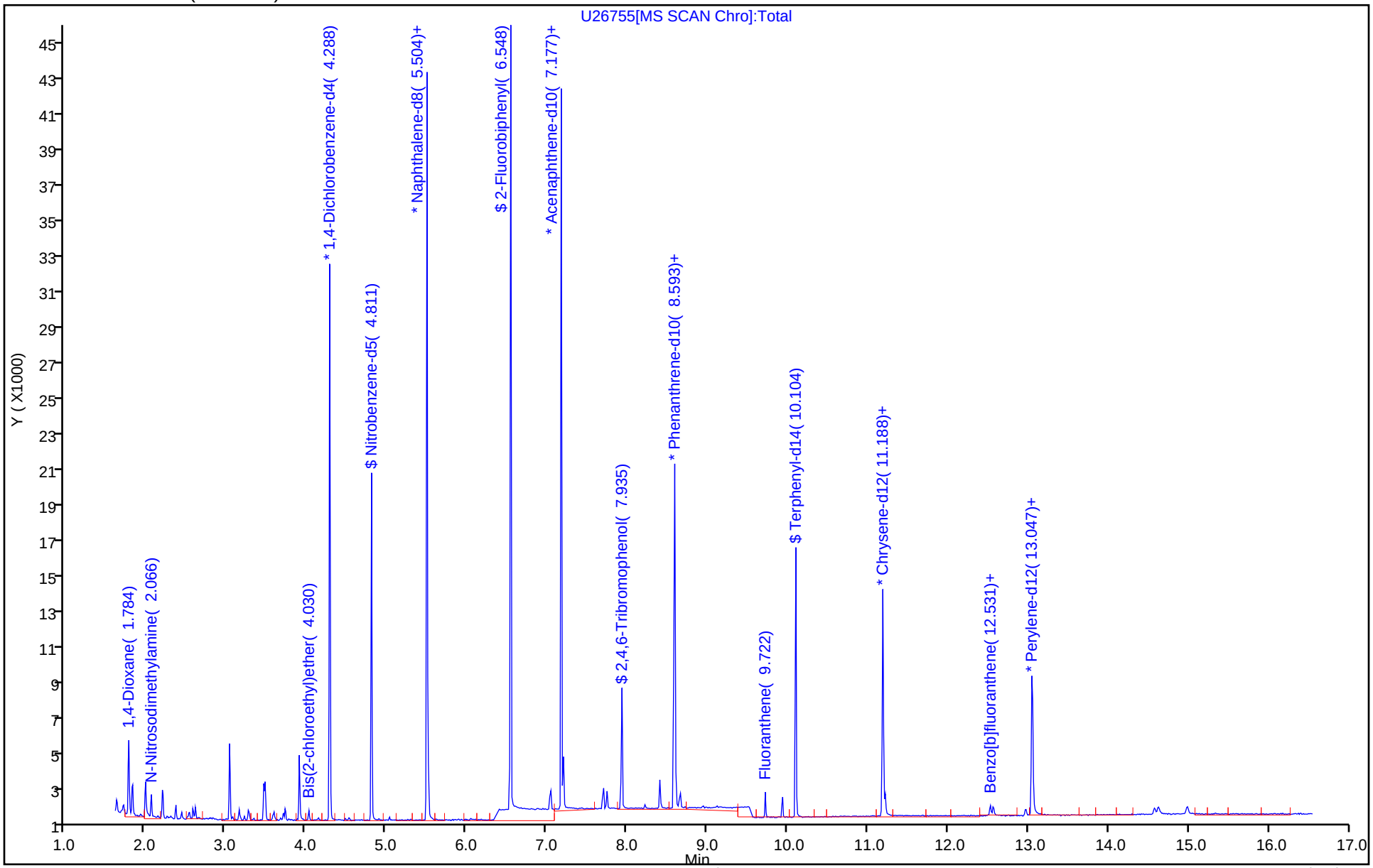
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

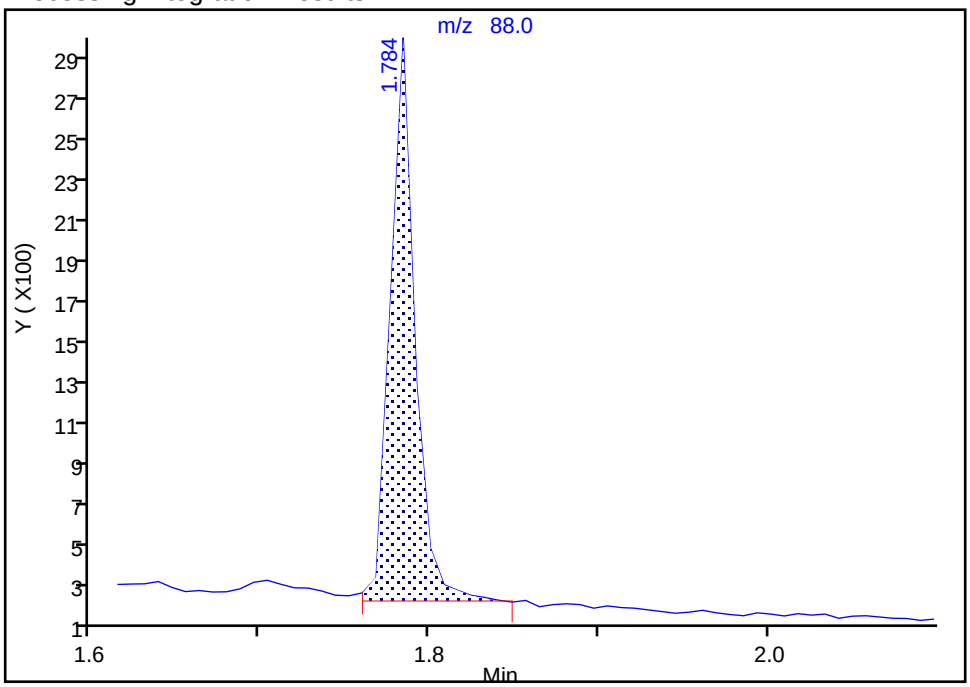
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D				
Injection Date:	24-May-2024 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

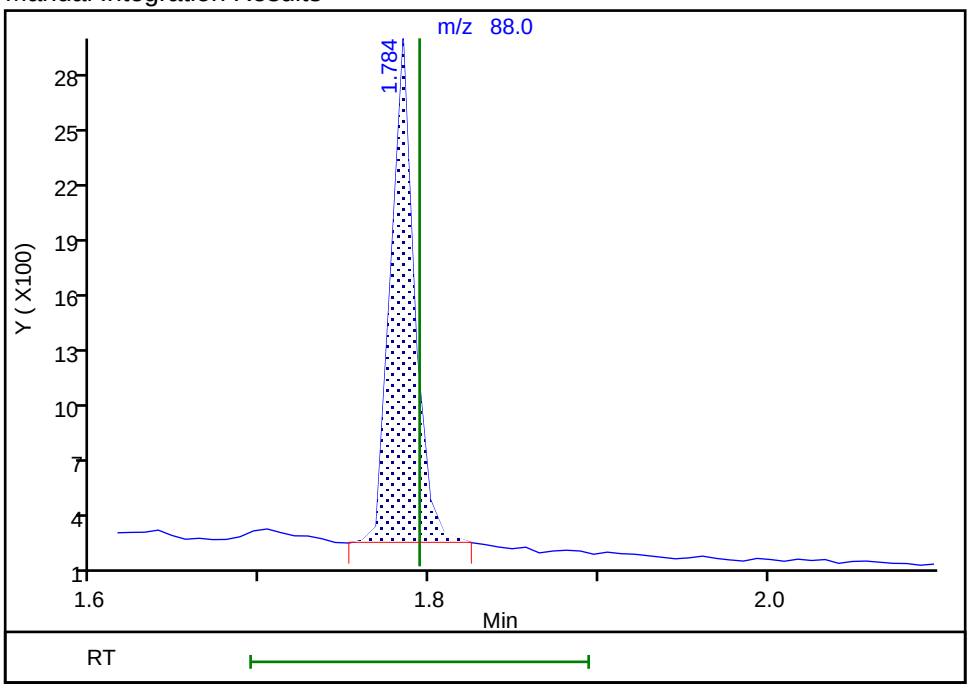
Processing Integration Results

RT: 1.78
Area: 2749
Amount: 0.100413
Amount Units: ug/ml



Manual Integration Results

RT: 1.78
Area: 2601
Amount: 0.095279
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:17:11 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

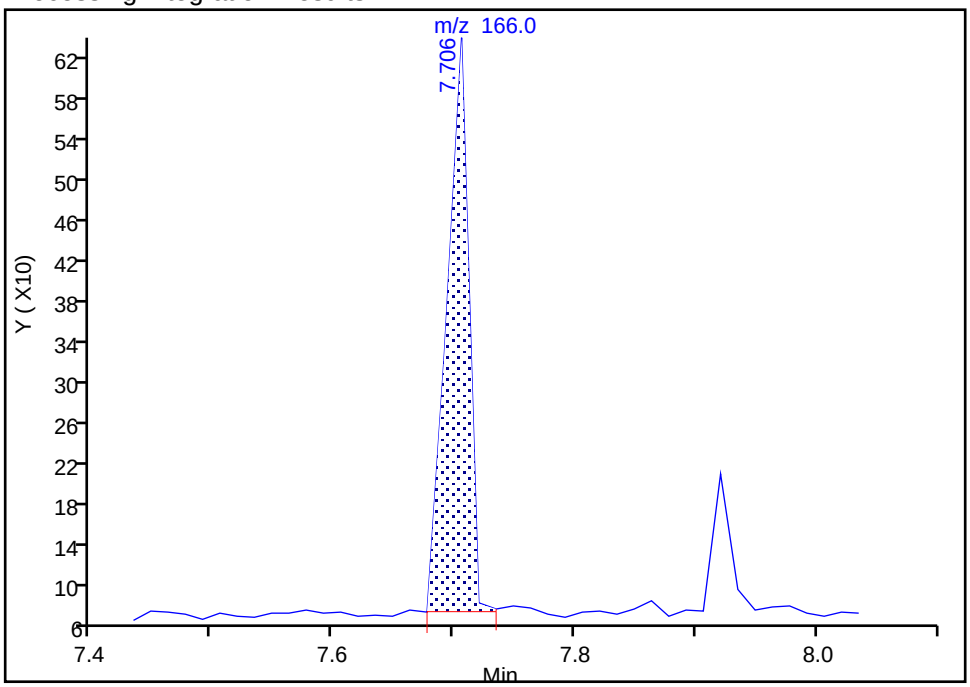
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D				
Injection Date:	24-May-2024 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

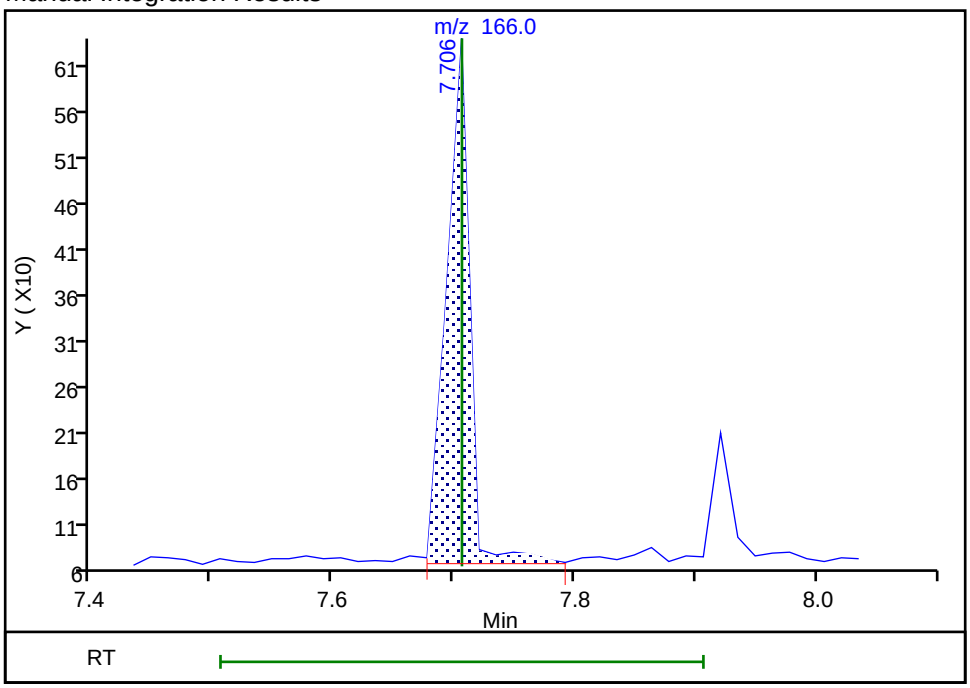
Processing Integration Results

RT: 7.71
Area: 703
Amount: 0.002928
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 752
Amount: 0.008492
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:32:30 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

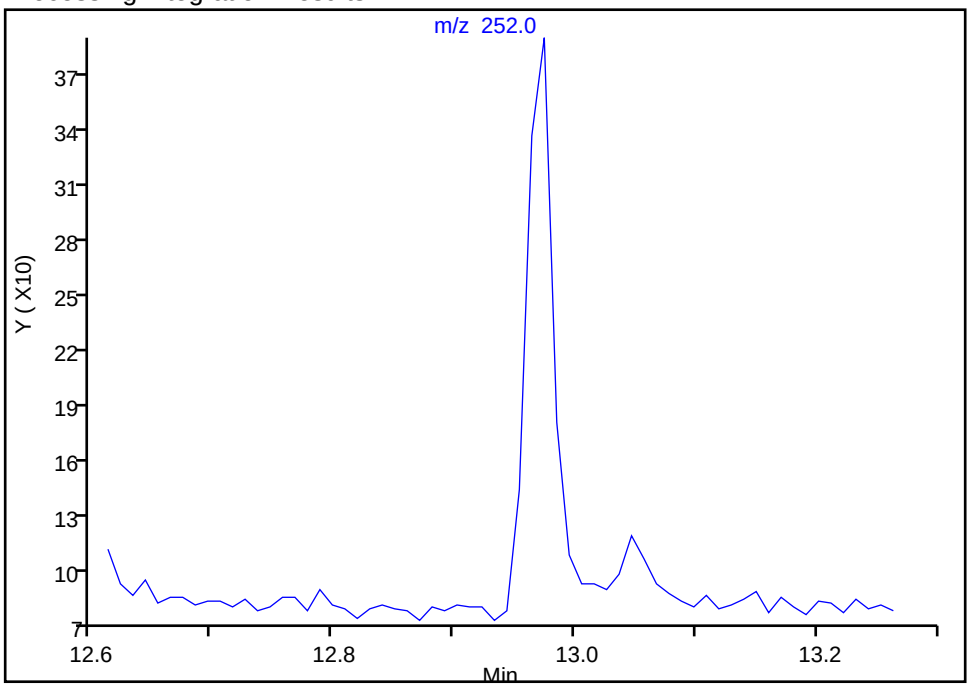
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D				
Injection Date:	24-May-2024 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

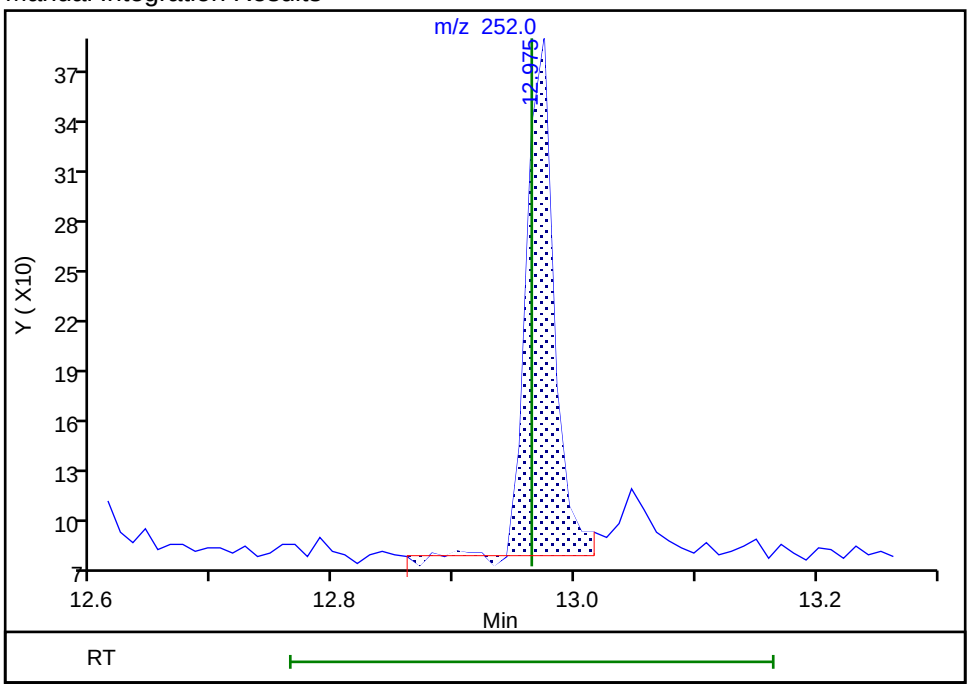
Not Detected
Expected RT: 12.96

Processing Integration Results



Manual Integration Results

RT: 12.97
Area: 472
Amount: 0.008643
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 08:54:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

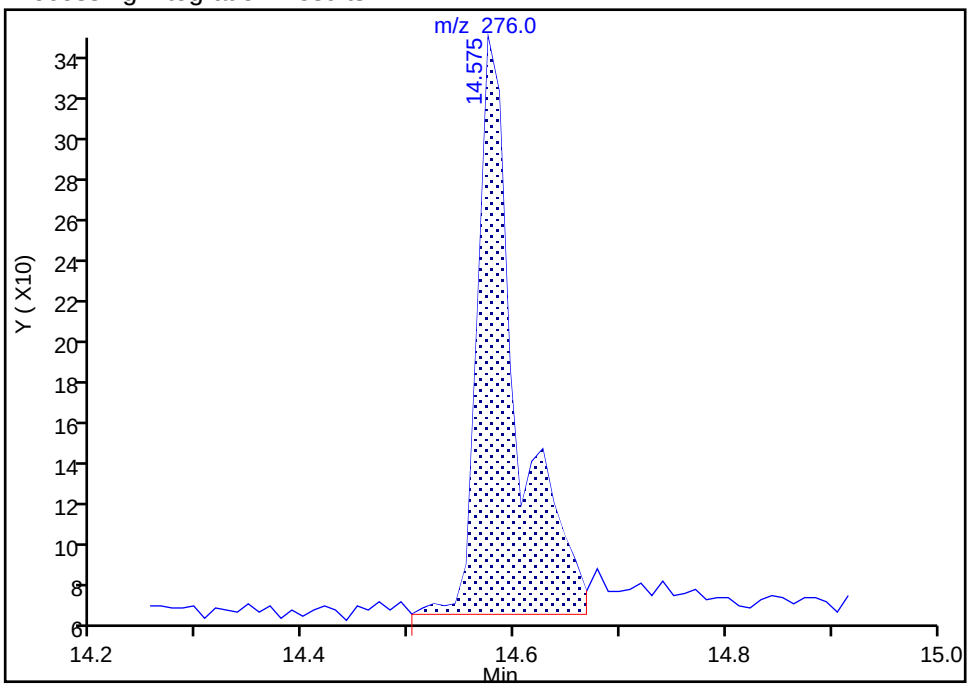
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26755.D				
Injection Date:	24-May-2024 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

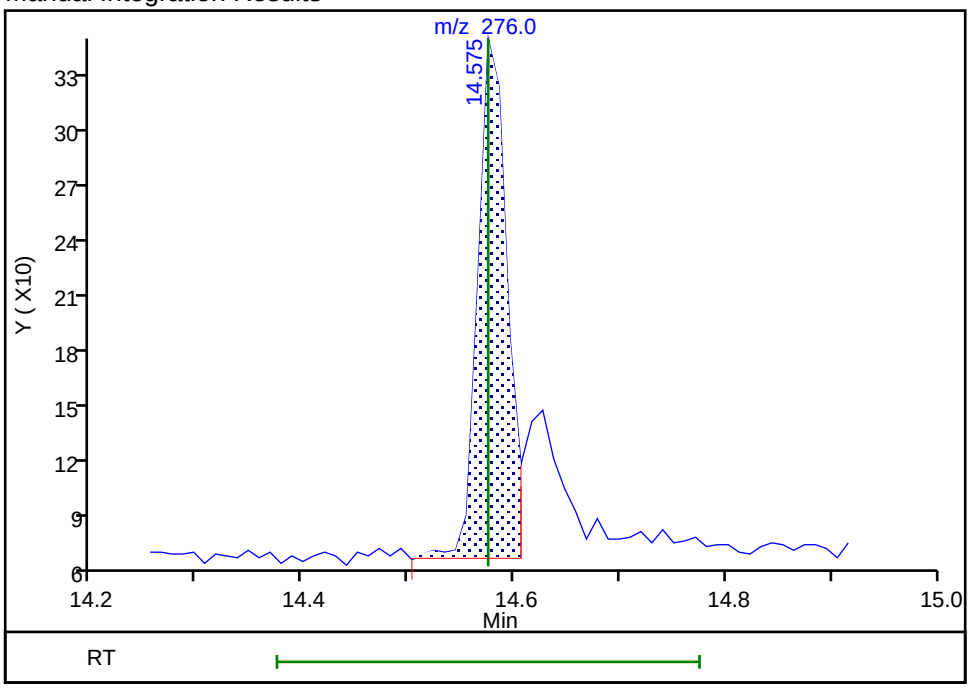
Processing Integration Results

RT: 14.58
Area: 725
Amount: 0.010880
Amount Units: ug/ml



Manual Integration Results

RT: 14.58
Area: 550
Amount: 0.008723
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 08:54:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-May-2024 08:53:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-009
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:26 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 09:17:00

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	1.794	1.794	0.000	85	814	0.0200	0.0202	M
2 N-Nitrosodimethylamine	74	2.003	1.995	0.008	99	470	0.0200	0.0168	
3 Bis(2-chloroethyl)ether	93	4.032	4.032	0.000	92	105	0.002000	0.002109	a
* 4 1,4-Dichlorobenzene-d4	152	4.290	4.298	-0.008	99	9480	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.813	4.813	0.000	100	4968	0.1000	0.0997	
* 7 Naphthalene-d8	136	5.505	5.506	-0.001	100	30252	0.2000	0.2000	
8 Naphthalene	128	5.522	5.522	0.000	100	816	0.005000	0.005153	a
$ 9 2-Fluorobiphenyl	172	6.548	6.548	0.000	100	15336	0.1000	0.1037	
10 Acenaphthylene	152	7.048	7.034	0.014	98	555	0.005000	0.004366	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	96	17377	0.2000	0.2000	
12 Acenaphthene	154	7.206	7.206	0.000	95	488	0.005000	0.005280	
13 Fluorene	166	7.706	7.706	0.000	89	438	0.005000	0.004831	M
14 4,6-Dinitro-2-methylphenol	198	7.749	7.749	0.000	92	300	0.0400	0.0409	a
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	98	1550	0.1000	0.0872	
16 Hexachlorobenzene	284	8.221	8.221	0.000	57	95	0.002000	0.001933	
17 Pentachlorophenol	266	8.407	8.407	0.000	79	202	0.0200	0.0122	a
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	100	23360	0.2000	0.2000	
19 Phenanthrene	178	8.607	8.607	0.000	97	701	0.005000	0.005166	
20 Anthracene	178	8.665	8.665	-0.001	90	467	0.005000	0.004478	a
21 Fluoranthene	202	9.722	9.722	0.000	99	562	0.005000	0.004471	a
22 Pyrene	202	9.939	9.939	0.000	100	602	0.005000	0.005517	a
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	99	6031	0.1000	0.1100	
24 Benzo[a]anthracene	228	11.178	11.178	0.000	17	406	0.005000	0.005205	a
* 25 Chrysene-d12	240	11.188	11.188	0.000	88	11805	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	94	472	0.005000	0.005438	
27 Benzo[b]fluoranthene	252	12.530	12.520	0.010	100	377	0.005000	0.004657	
28 Benzo[k]fluoranthene	252	12.572	12.562	0.010	90	399	0.005000	0.004517	
29 Benzo[a]pyrene	252	12.974	12.964	0.010	99	275	0.005000	0.004686	Ma
* 30 Perylene-d12	264	13.057	13.047	0.010	98	10832	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.575	14.575	0.000	96	321	0.005000	0.004738	M
32 Dibenz(a,h)anthracene	278	14.627	14.627	0.000	38	248	0.005000	0.004061	a

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	14.988	14.988	0.000	96	368	0.005000	0.004450	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL1_00019 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:27 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D

Injection Date: 24-May-2024 08:53:30 Instrument ID: CBNAMS4 Operator ID:

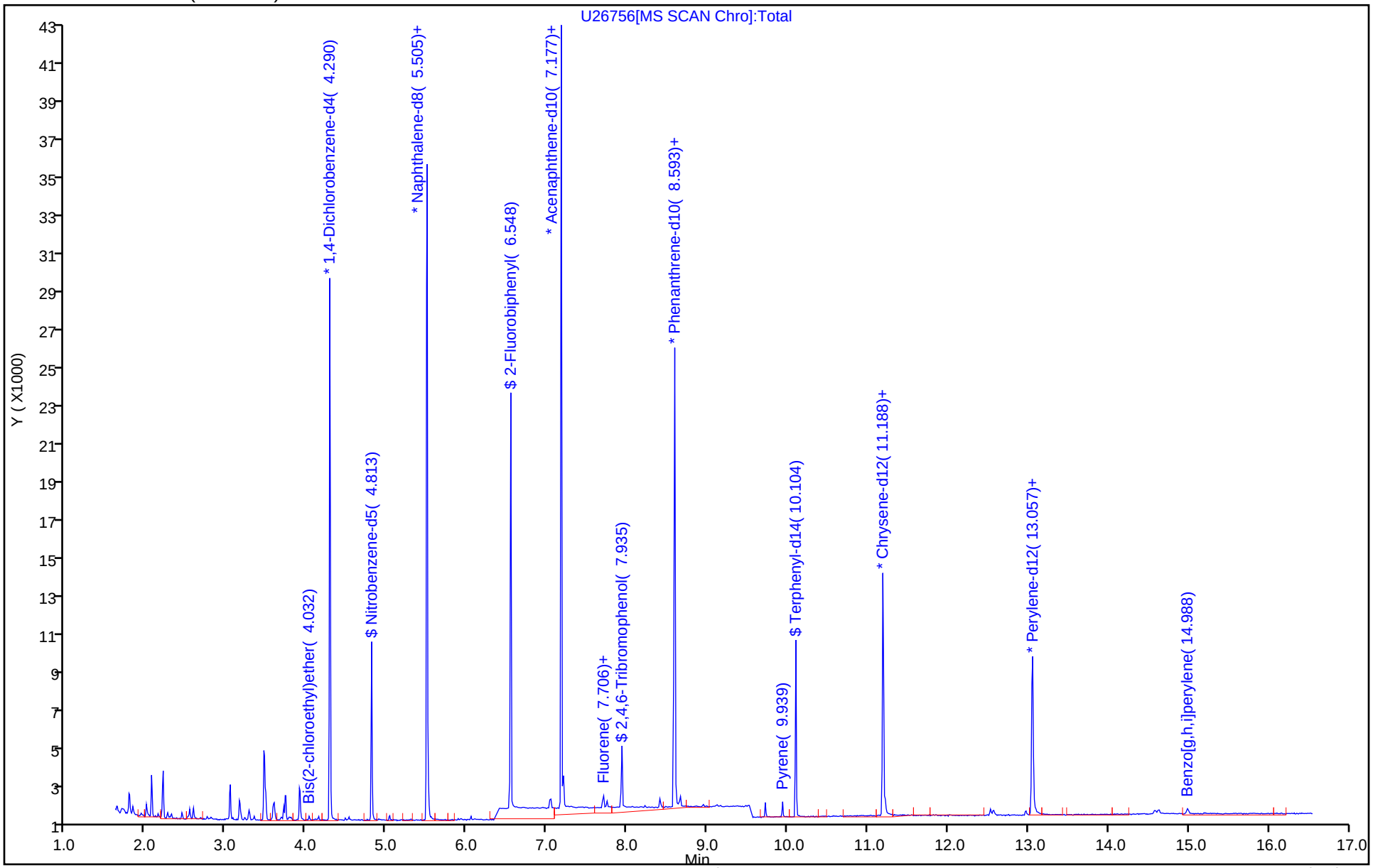
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

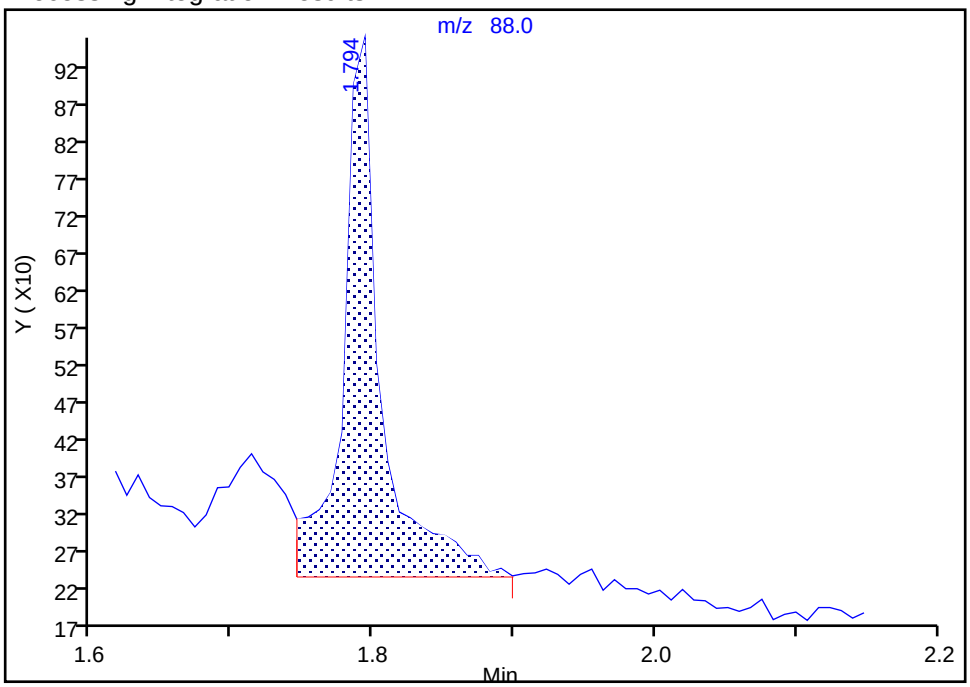
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

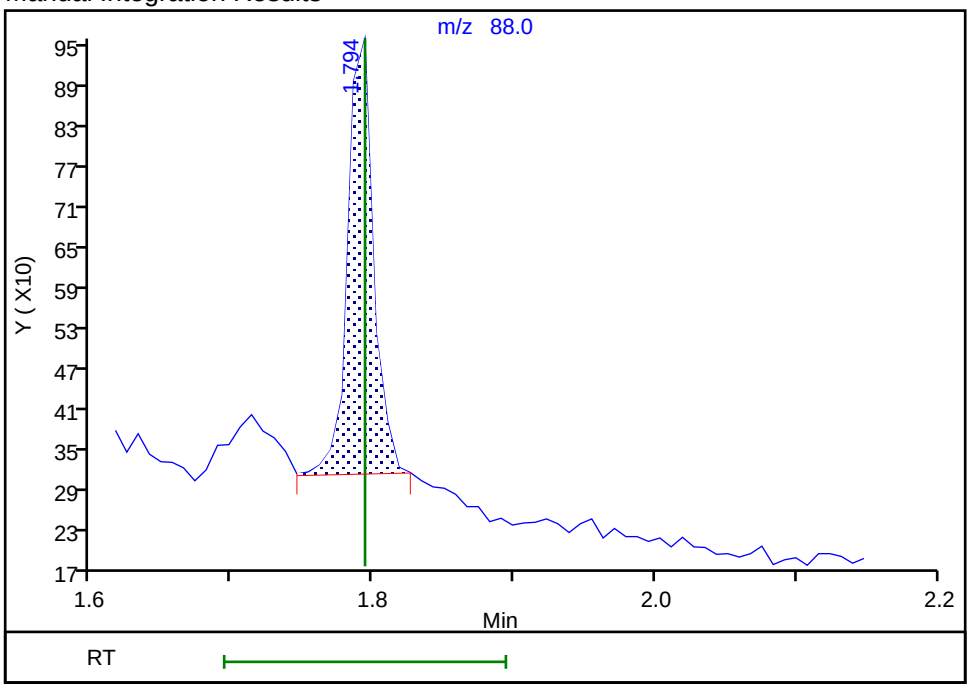
Processing Integration Results

RT: 1.79
Area: 1350
Amount: 0.021823
Amount Units: ug/ml



Manual Integration Results

RT: 1.79
Area: 814
Amount: 0.020222
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

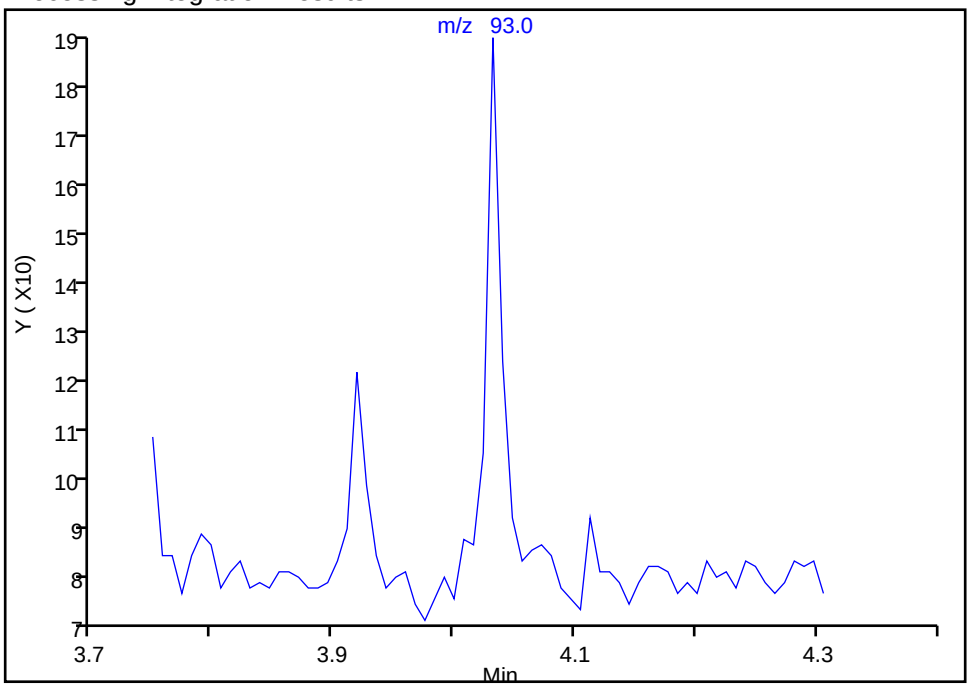
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

3 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

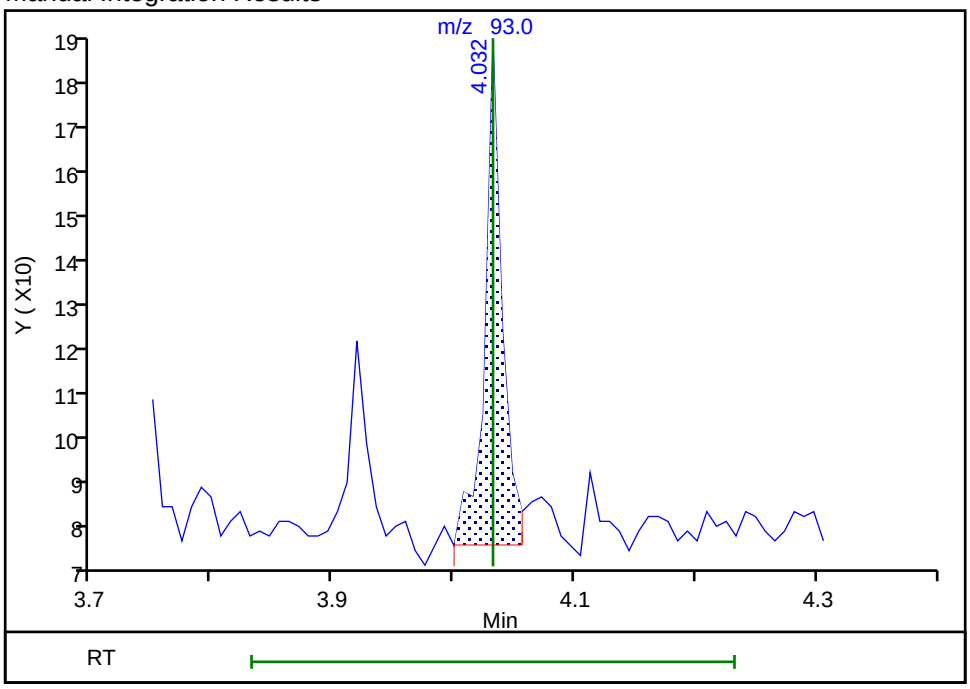
Not Detected
Expected RT: 4.03

Processing Integration Results



Manual Integration Results

RT: 4.03
Area: 105
Amount: 0.002109
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

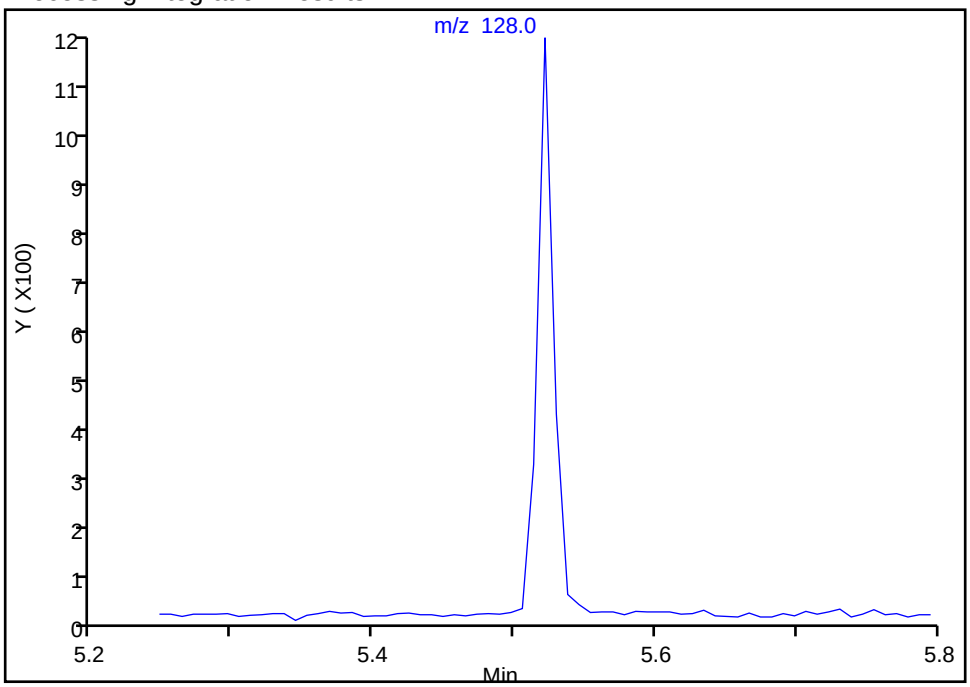
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Naphthalene, CAS: 91-20-3

Signal: 1

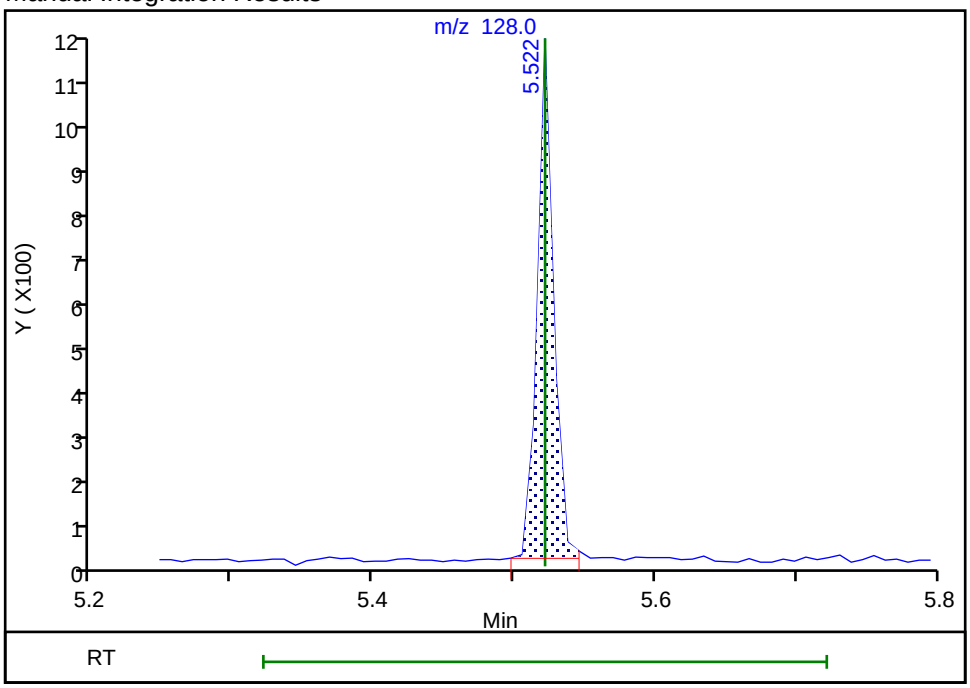
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.52
Area: 816
Amount: 0.005153
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

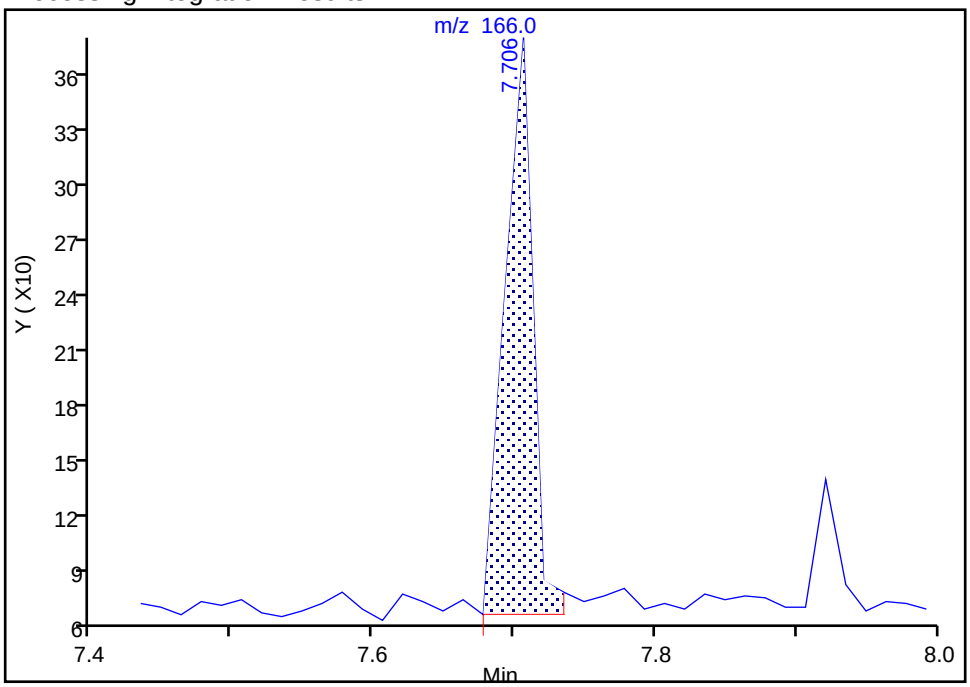
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

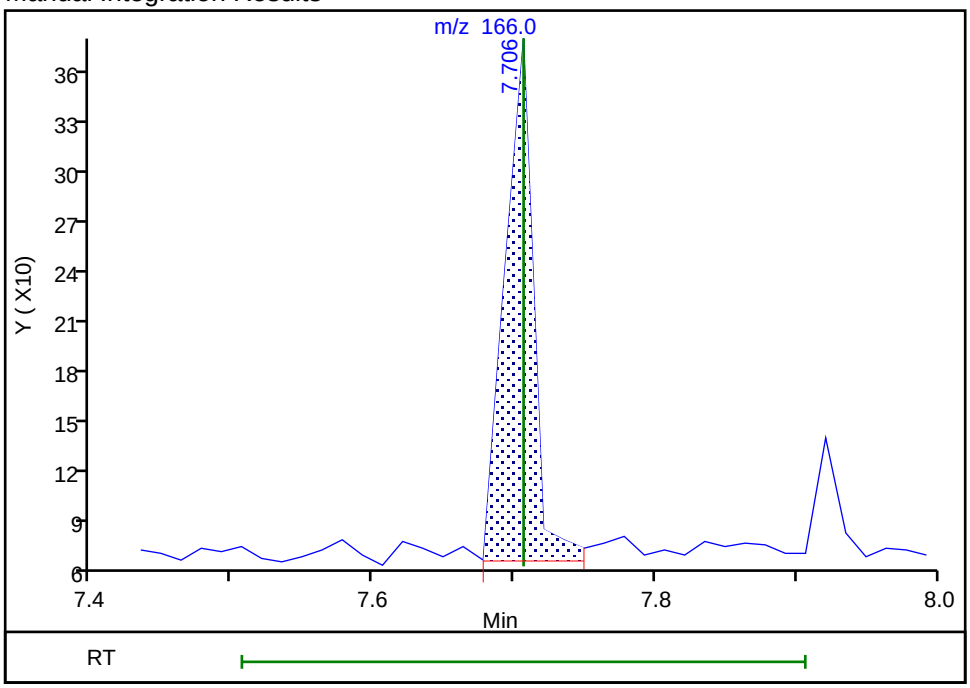
Processing Integration Results

RT: 7.71
Area: 426
Amount: -0.000154
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 438
Amount: 0.004831
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:32:01 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

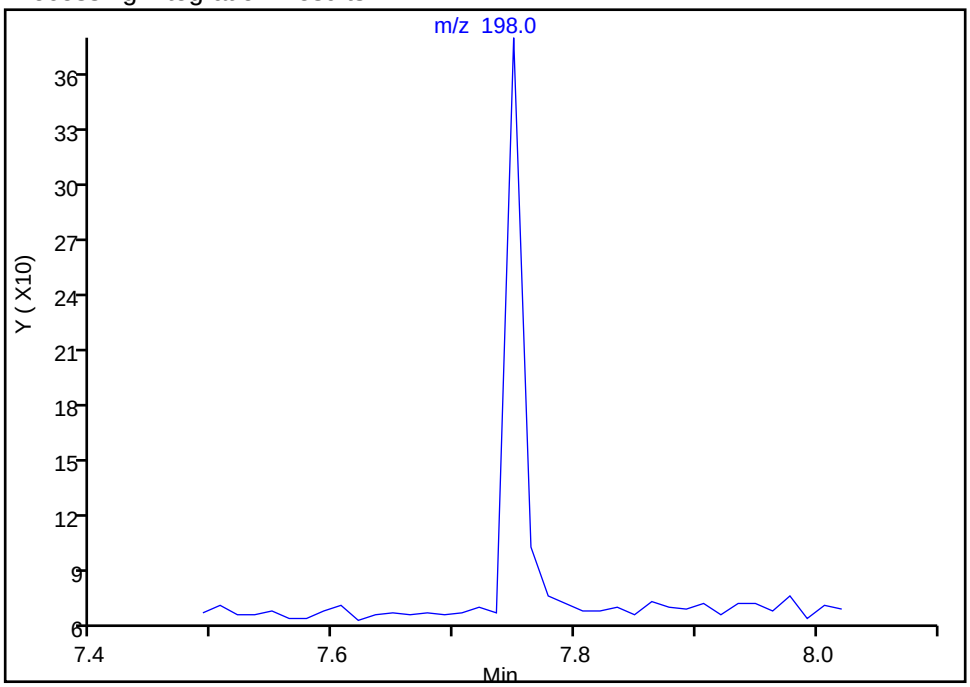
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

14 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

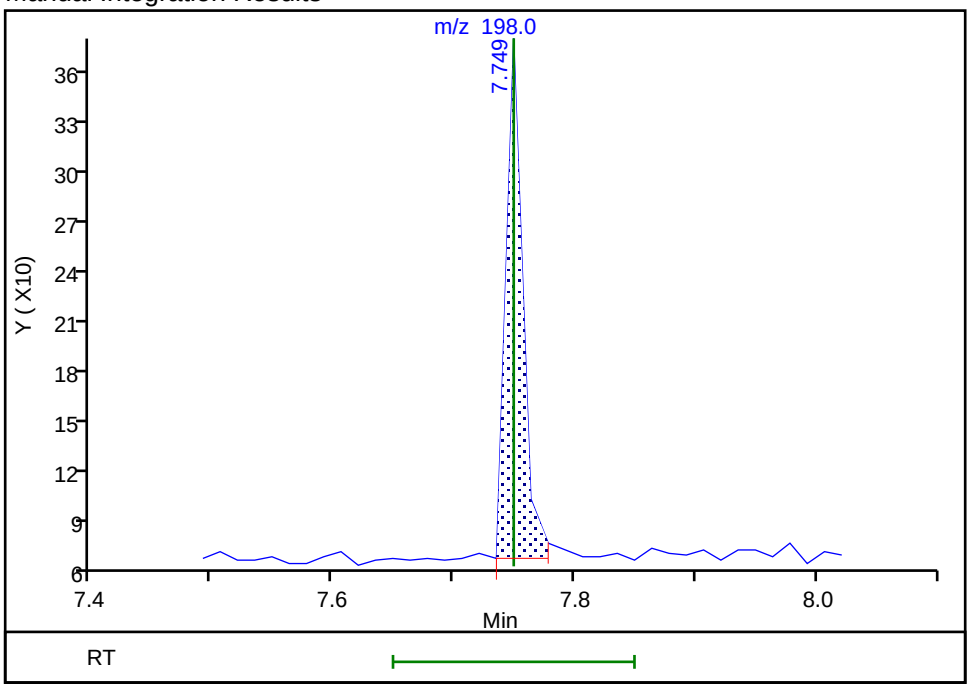
Not Detected
Expected RT: 7.75

Processing Integration Results



Manual Integration Results

RT: 7.75
Area: 300
Amount: 0.040896
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

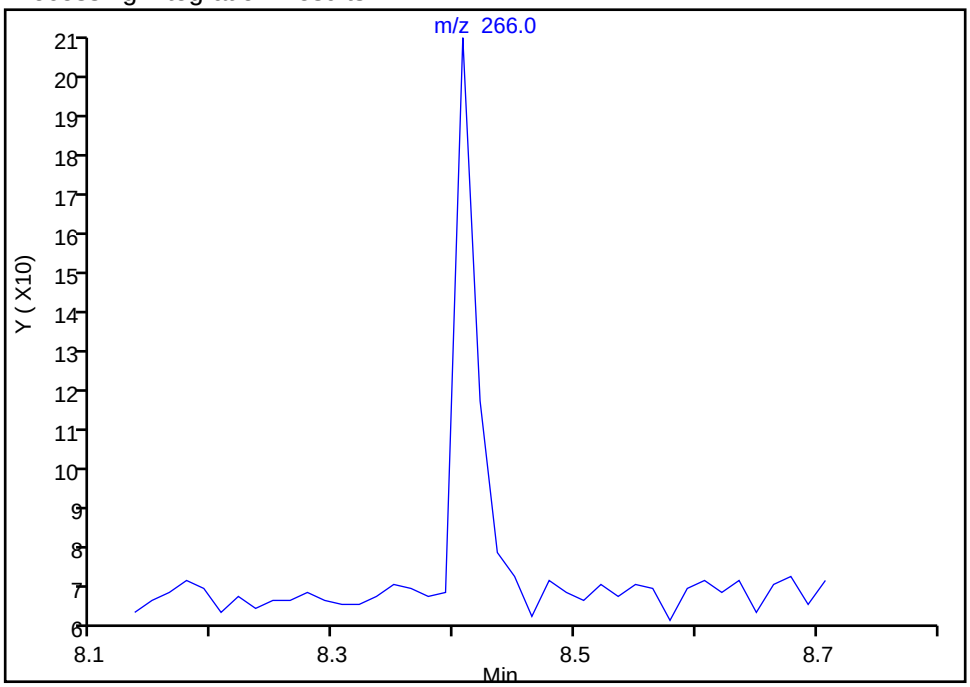
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

17 Pentachlorophenol, CAS: 87-86-5

Signal: 1

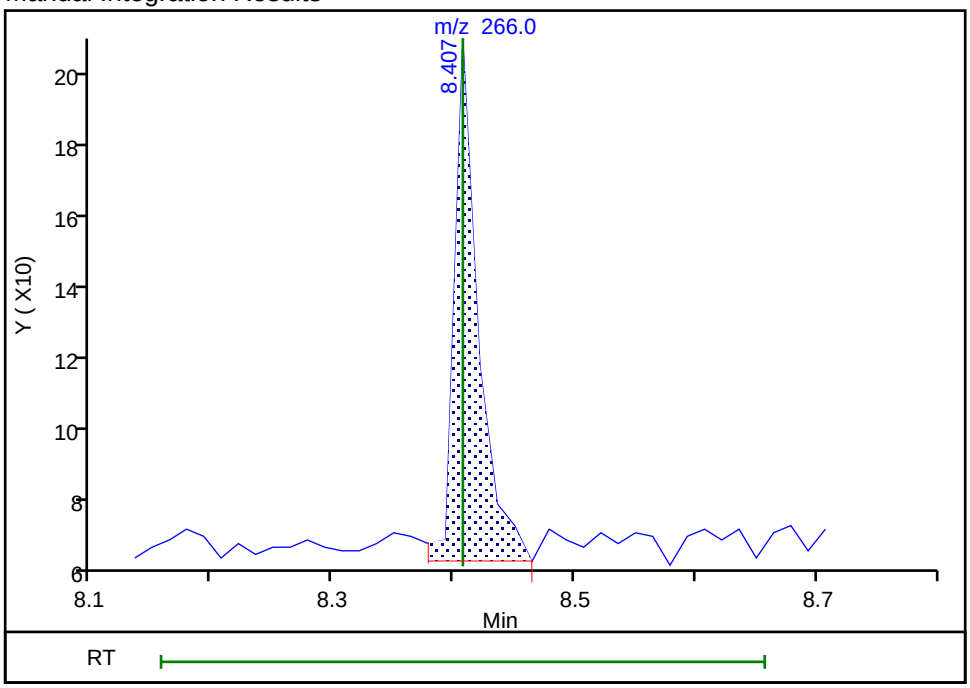
Not Detected
Expected RT: 8.41

Processing Integration Results



Manual Integration Results

RT: 8.41
Area: 202
Amount: 0.012219
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:14 -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\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

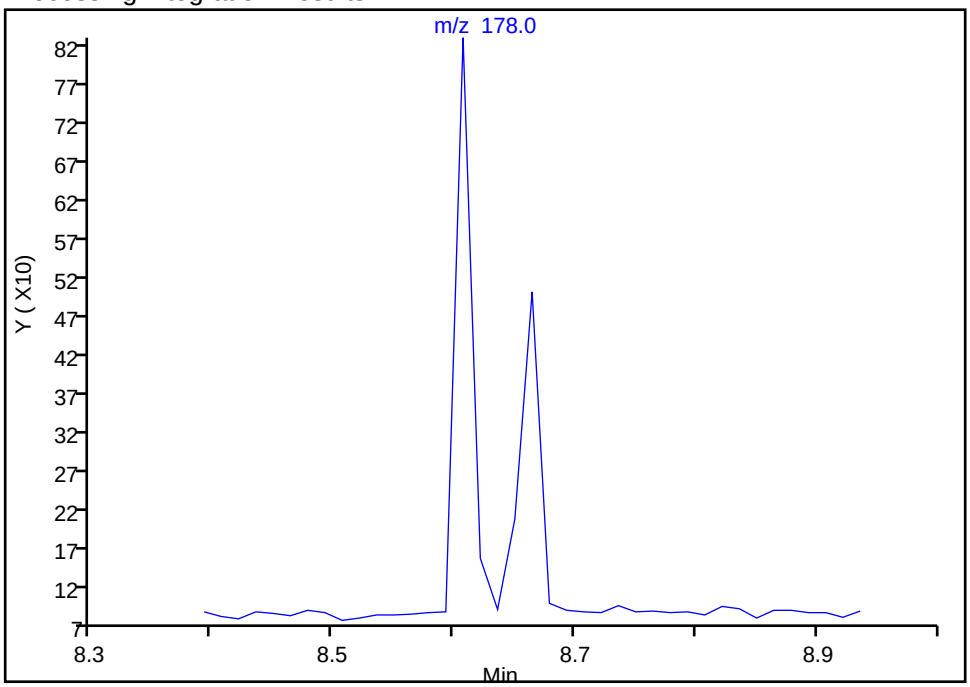
20 Anthracene, CAS: 120-12-7

Signal: 1

Not Detected

Expected RT: 8.66

Processing Integration Results



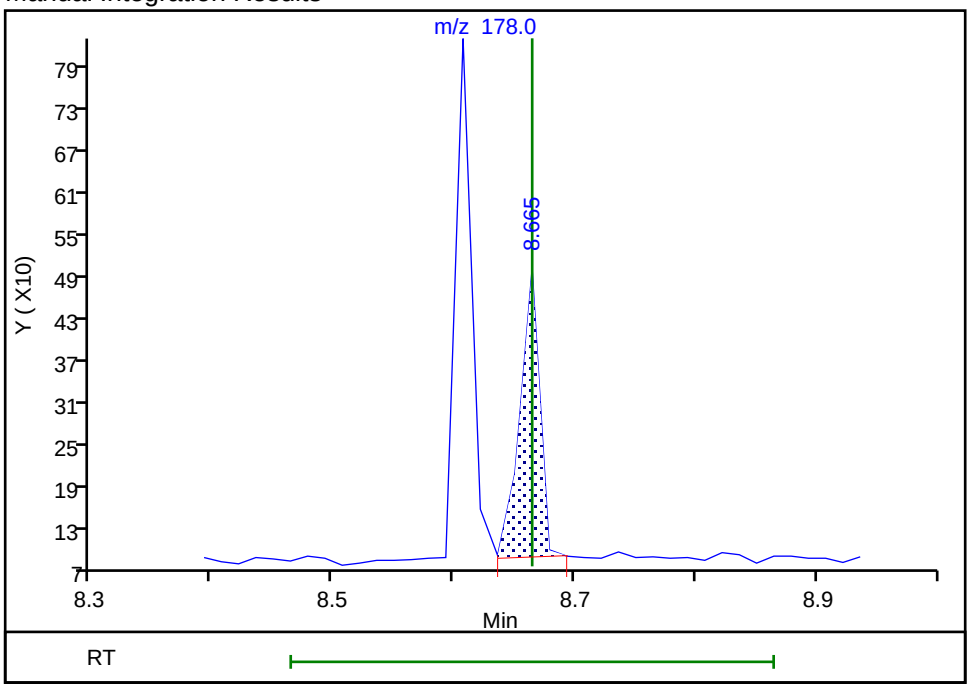
Manual Integration Results

RT: 8.66

Area: 467

Amount: 0.004478

Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:15:39 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

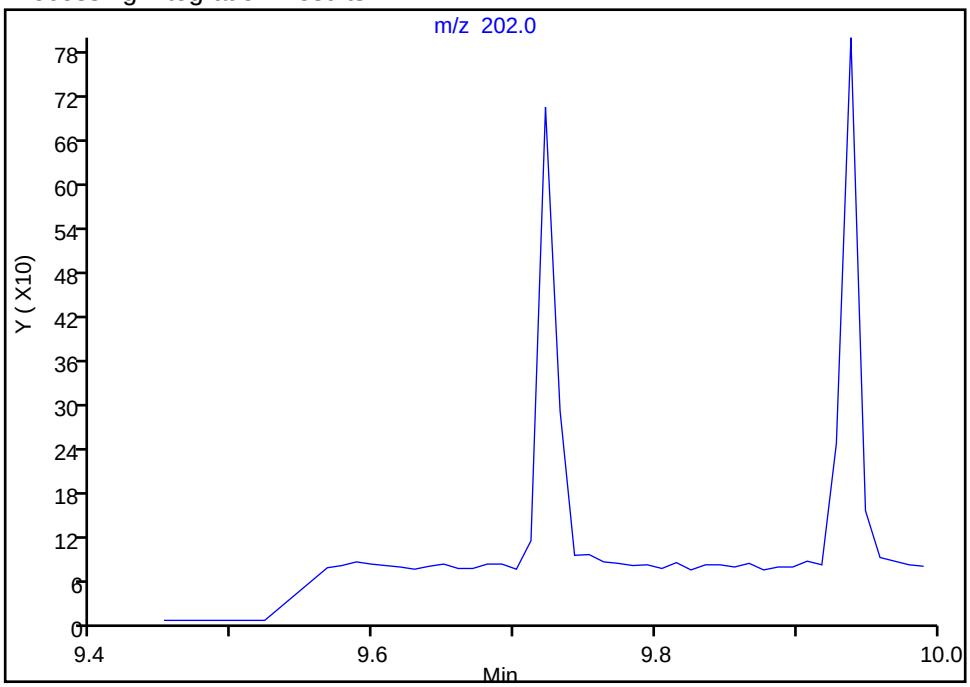
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Fluoranthene, CAS: 206-44-0

Signal: 1

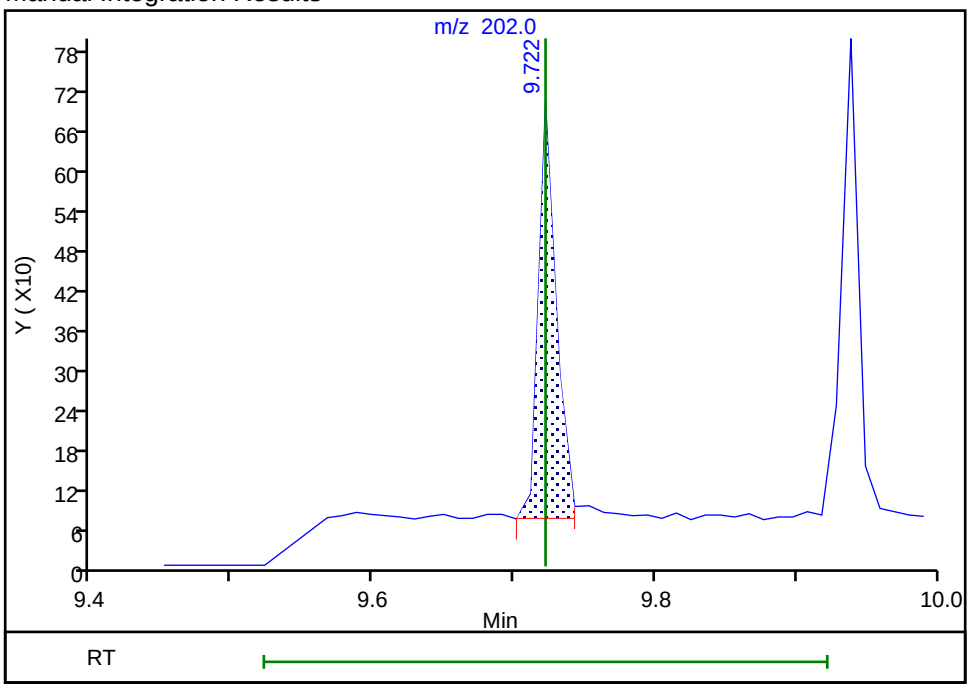
Processing Integration Results

Not Detected
Expected RT: 9.72



Manual Integration Results

RT: 9.72
Area: 562
Amount: 0.004471
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:15:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

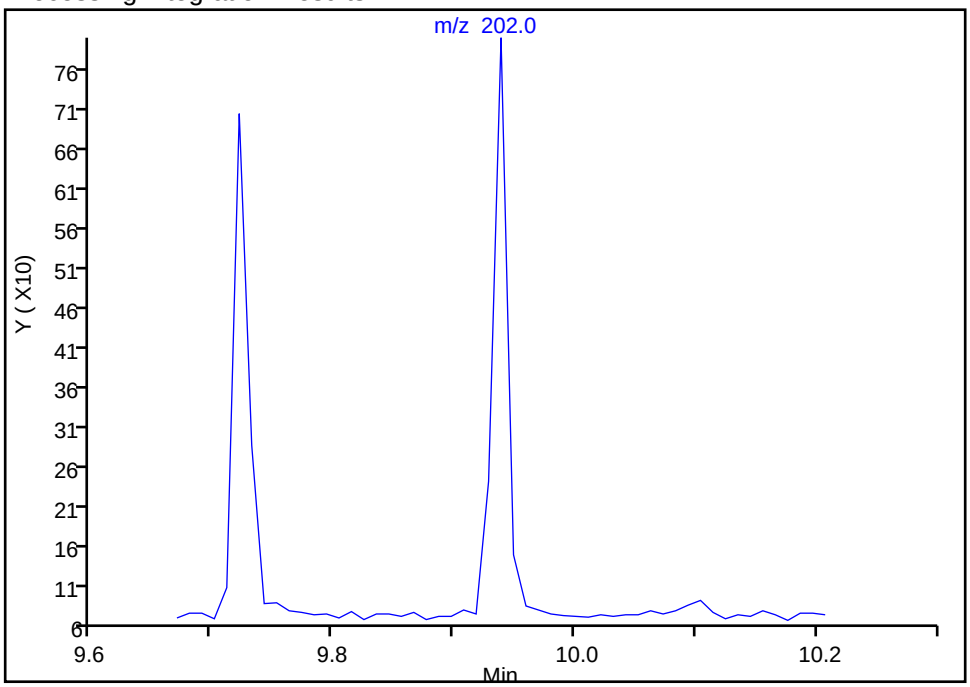
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0

Signal: 1

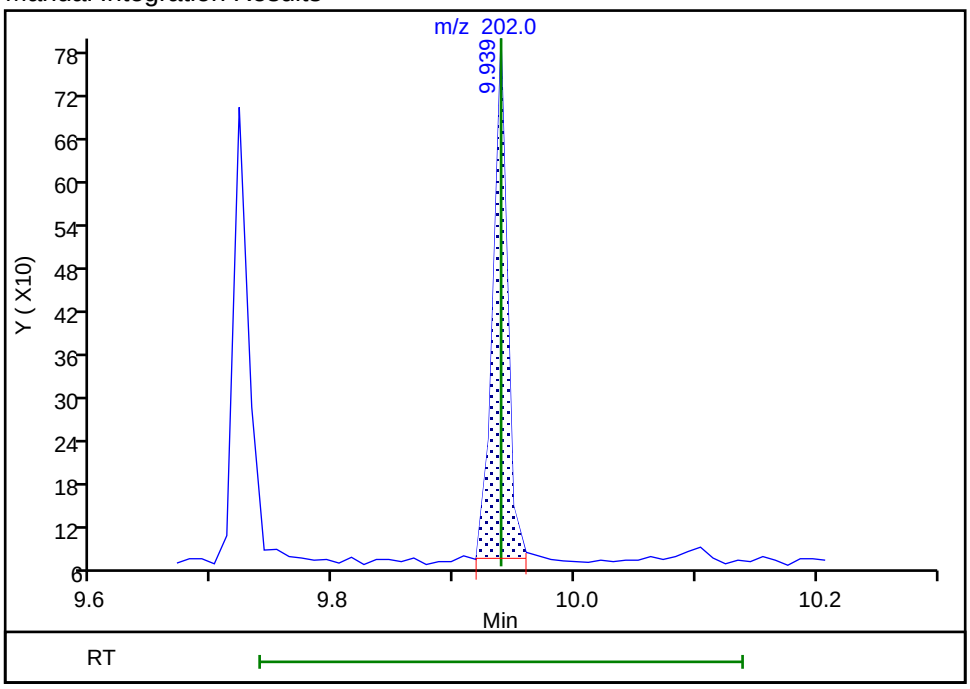
Not Detected
Expected RT: 9.94

Processing Integration Results



Manual Integration Results

RT: 9.94
Area: 602
Amount: 0.005517
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:15:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

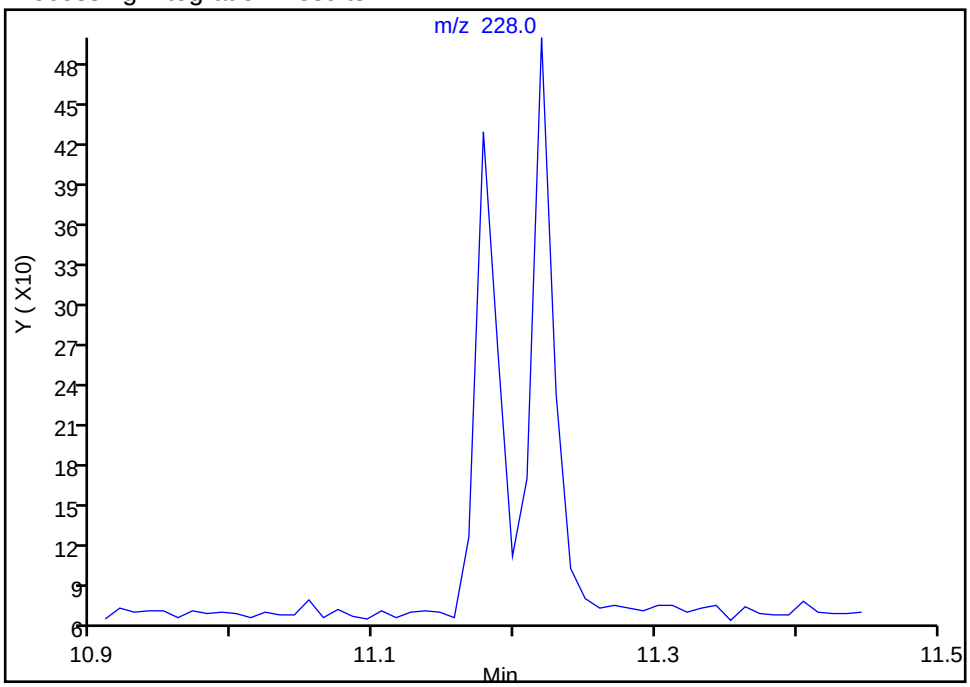
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

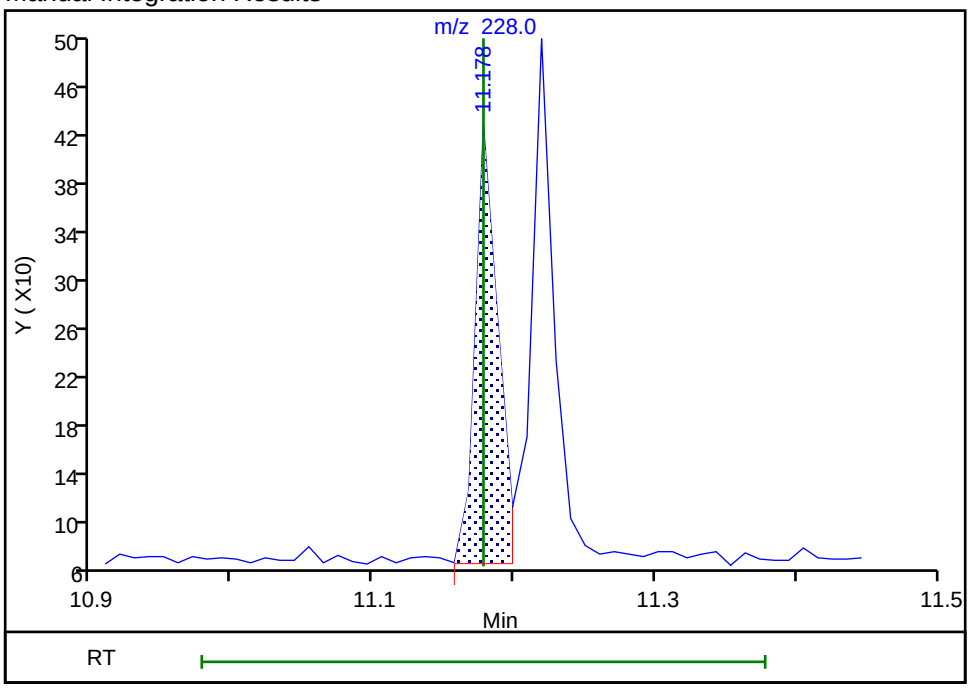
Not Detected
Expected RT: 11.18

Processing Integration Results



RT: 11.18
Area: 406
Amount: 0.005205
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 24-May-2024 09:15:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

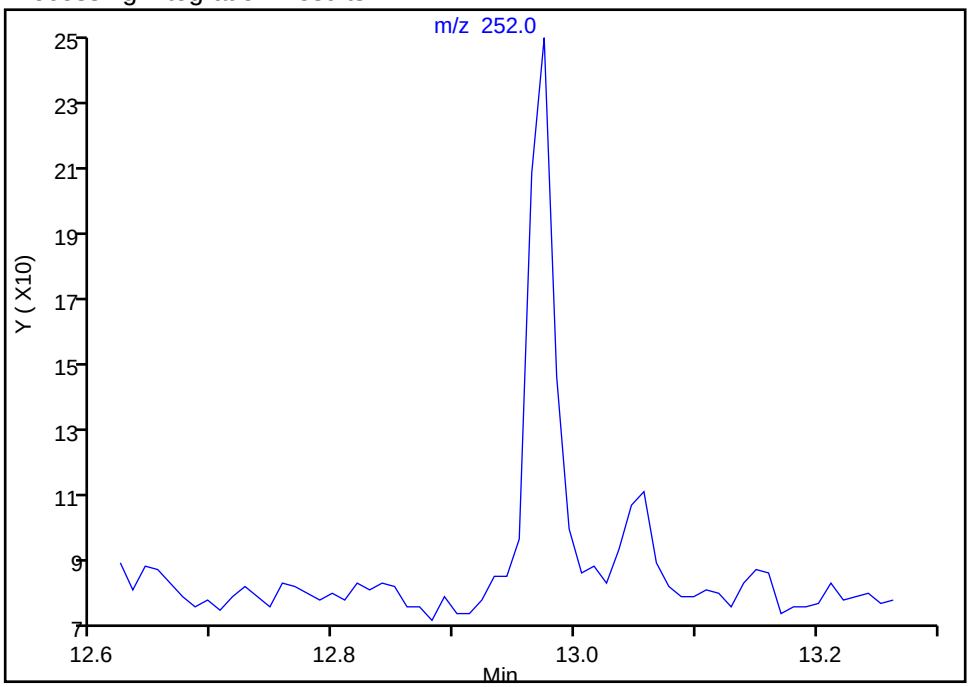
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

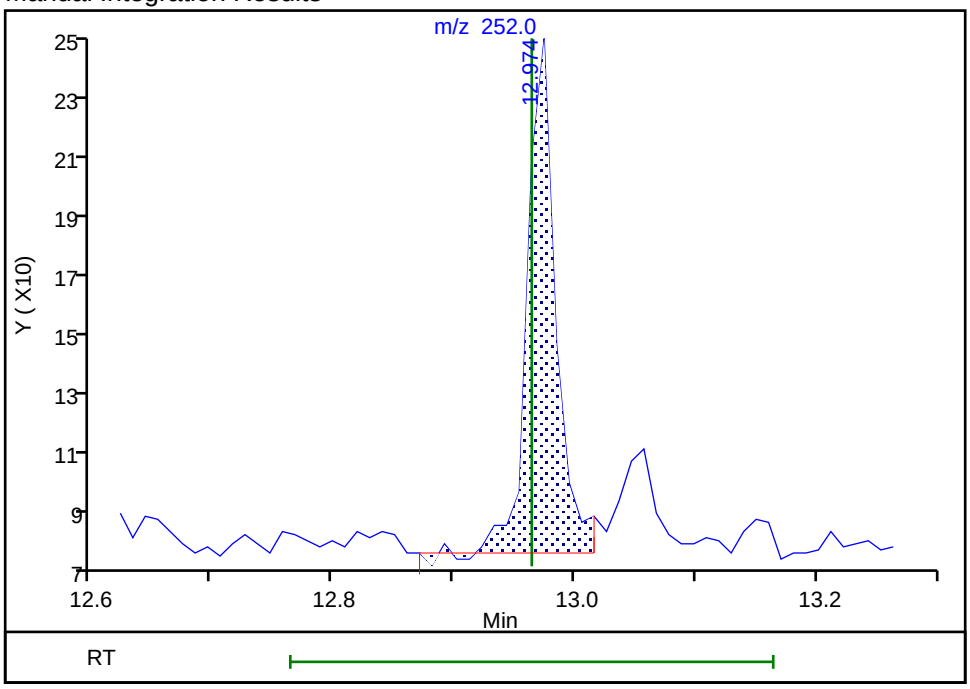
Not Detected
Expected RT: 12.96

Processing Integration Results



Manual Integration Results

RT: 12.97
Area: 275
Amount: 0.004686
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:15:59 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

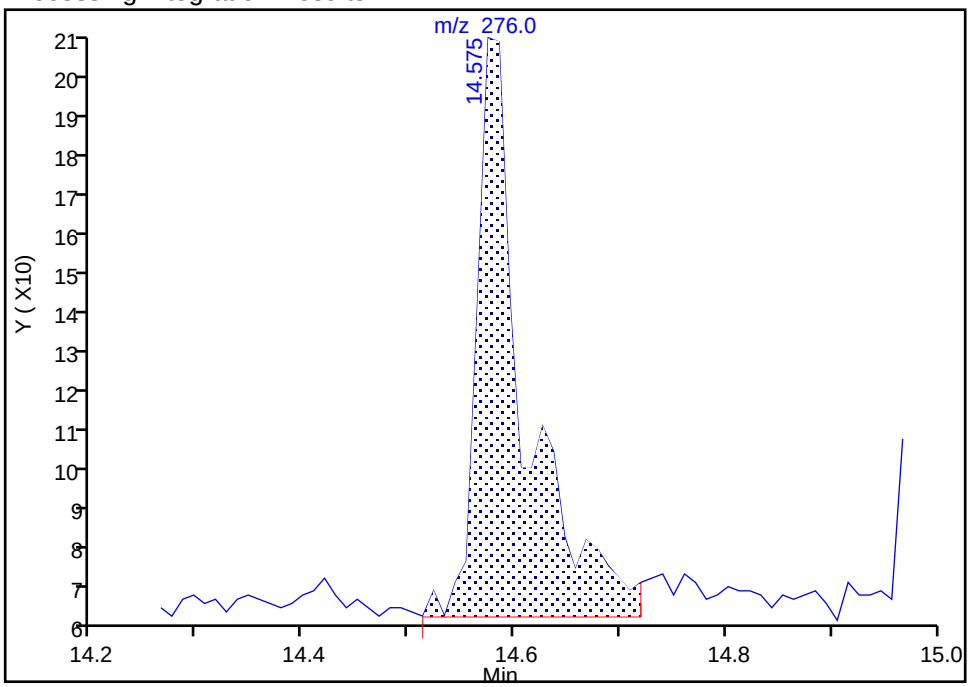
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

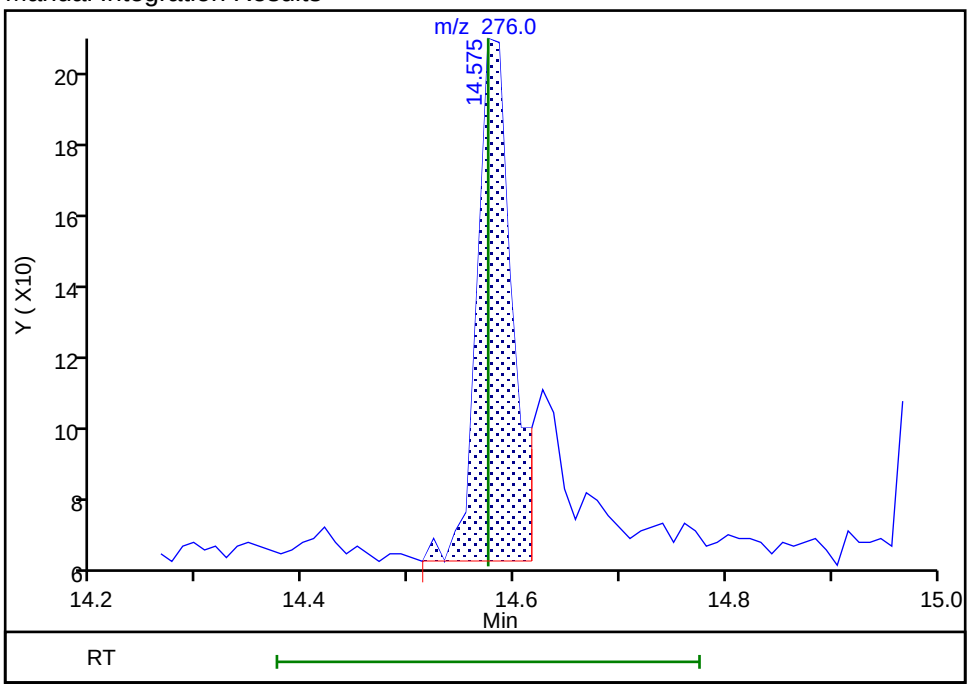
Processing Integration Results

RT: 14.57
Area: 434
Amount: 0.006099
Amount Units: ug/ml



Manual Integration Results

RT: 14.57
Area: 321
Amount: 0.004738
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:24 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

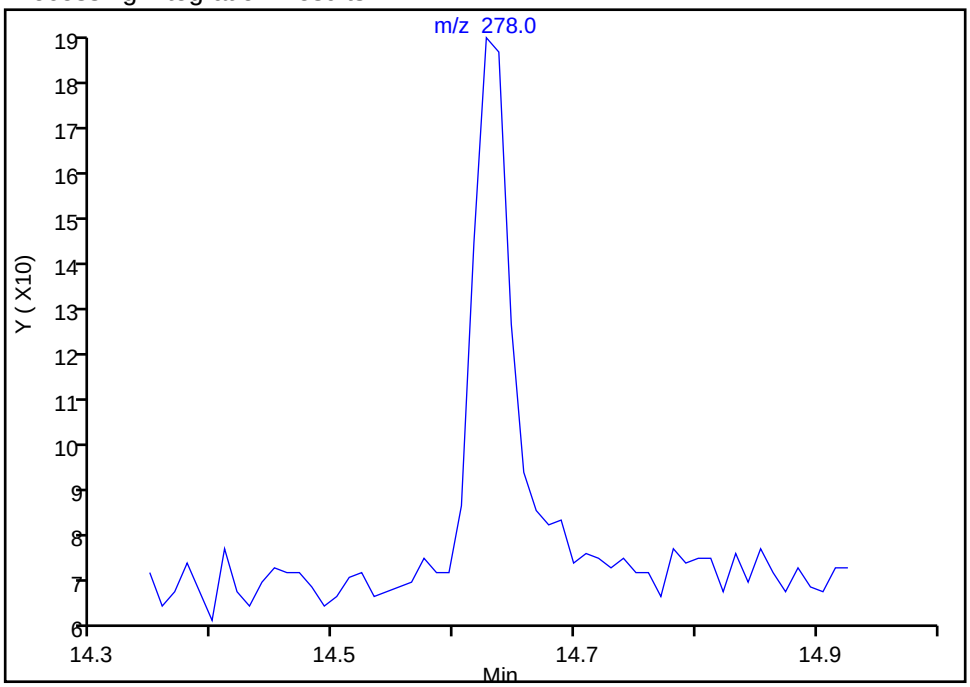
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26756.D				
Injection Date:	24-May-2024 08:53:30	Instrument ID:	CBNAMS4		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

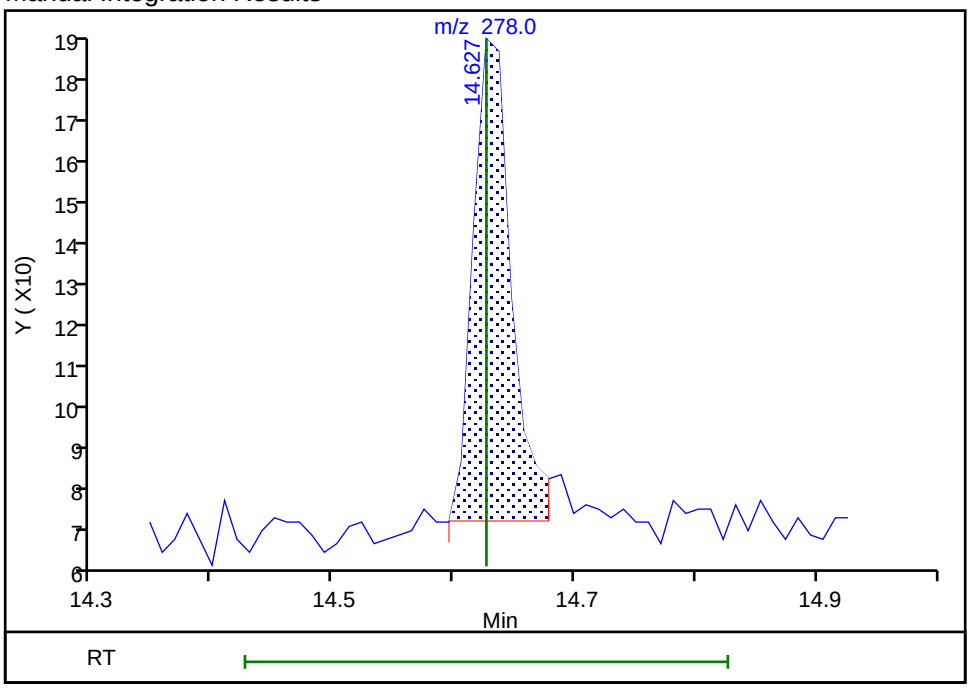
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.63
Area: 248
Amount: 0.004061
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 09:16:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 24-May-2024 09:46:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-010
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 10:41:29 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 10:10:13

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	1.770	1.770	0.000	100	18229	0.8000	0.8165	
2 N-Nitrosodimethylamine	74	1.971	1.971	0.000	95	12126	0.4000	0.4269	
3 Bis(2-chloroethyl)ether	93	4.024	4.024	0.000	88	20947	0.4000	0.4135	
* 4 1,4-Dichlorobenzene-d4	152	4.290	4.290	0.000	98	9649	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.813	4.813	0.000	97	48344	1.00	0.9541	
* 7 Naphthalene-d8	136	5.506	5.506	0.000	100	30769	0.2000	0.2000	
8 Naphthalene	128	5.522	5.522	0.000	100	32143	0.2000	0.1996	
$ 9 2-Fluorobiphenyl	172	6.547	6.547	0.000	100	145303	1.00	1.19	
10 Acenaphthylene	152	7.048	7.048	0.000	99	27025	0.2000	0.2566	
* 11 Acenaphthene-d10	164	7.177	7.177	0.000	92	14394	0.2000	0.2000	
12 Acenaphthene	154	7.205	7.205	0.000	94	14903	0.2000	0.1947	
13 Fluorene	166	7.706	7.706	0.000	95	19999	0.2000	0.2663	M
14 4,6-Dinitro-2-methylphenol	198	7.749	7.749	0.000	97	7607	0.8000	0.6364	
$ 15 2,4,6-Tribromophenol	330	7.935	7.935	0.000	96	23350	1.00	1.32	
16 Hexachlorobenzene	284	8.235	8.235	0.000	64	13686	0.4000	0.2378	
17 Pentachlorophenol	266	8.407	8.407	0.000	98	5508	0.4000	0.2627	
* 18 Phenanthrene-d10	188	8.593	8.593	0.000	100	27610	0.2000	0.2000	
19 Phenanthrene	178	8.607	8.607	0.000	98	22088	0.2000	0.1340	
20 Anthracene	178	8.664	8.664	0.000	95	25696	0.2000	0.2084	
21 Fluoranthene	202	9.722	9.722	0.000	99	24097	0.2000	0.1622	
22 Pyrene	202	9.939	9.939	0.000	99	24863	0.2000	0.1961	
$ 23 Terphenyl-d14	244	10.104	10.104	0.000	99	62922	1.00	0.9873	
24 Benzo[a]anthracene	228	11.188	11.188	0.000	88	17745	0.2000	0.1958	
* 25 Chrysene-d12	240	11.199	11.199	0.000	94	13718	0.2000	0.2000	
26 Chrysene	228	11.219	11.219	0.000	100	20010	0.2000	0.1984	
27 Benzo[b]fluoranthene	252	12.531	12.531	0.000	100	16621	0.2000	0.1757	
28 Benzo[k]fluoranthene	252	12.572	12.572	0.000	84	21488	0.2000	0.2082	
29 Benzo[a]pyrene	252	12.975	12.975	0.000	100	13354	0.2000	0.1947	
* 30 Perylene-d12	264	13.057	13.057	0.000	100	12657	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.586	14.586	0.000	99	14443	0.2000	0.1824	M
32 Dibenz(a,h)anthracene	278	14.637	14.637	0.000	40	14408	0.2000	0.1934	

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	14.999	14.999	0.000	84	18846	0.2000	0.1950	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 10:41:30 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Injection Date: 24-May-2024 09:46:30 Instrument ID: CBNAMS4 Operator ID:

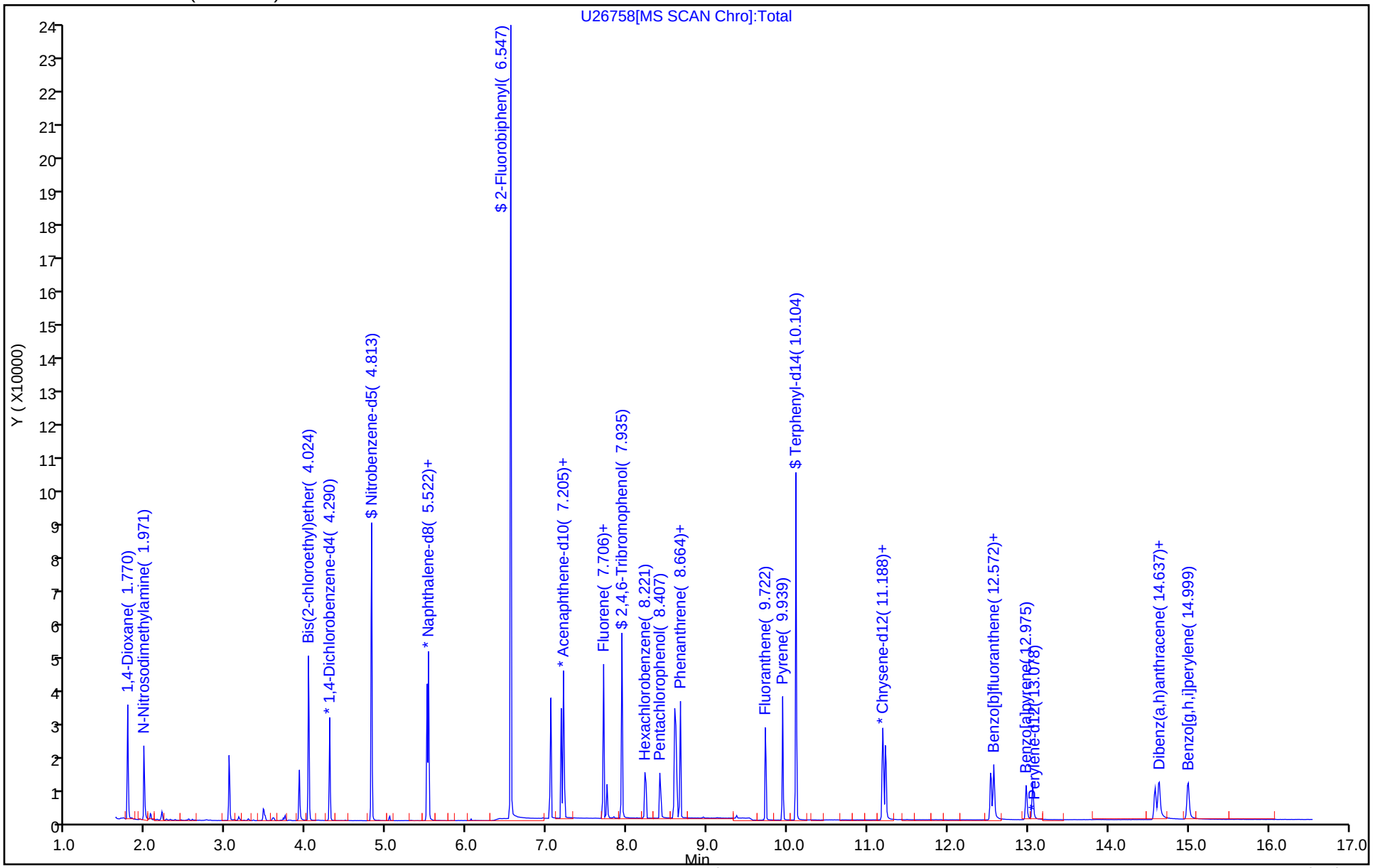
Lims ID: ICIS Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

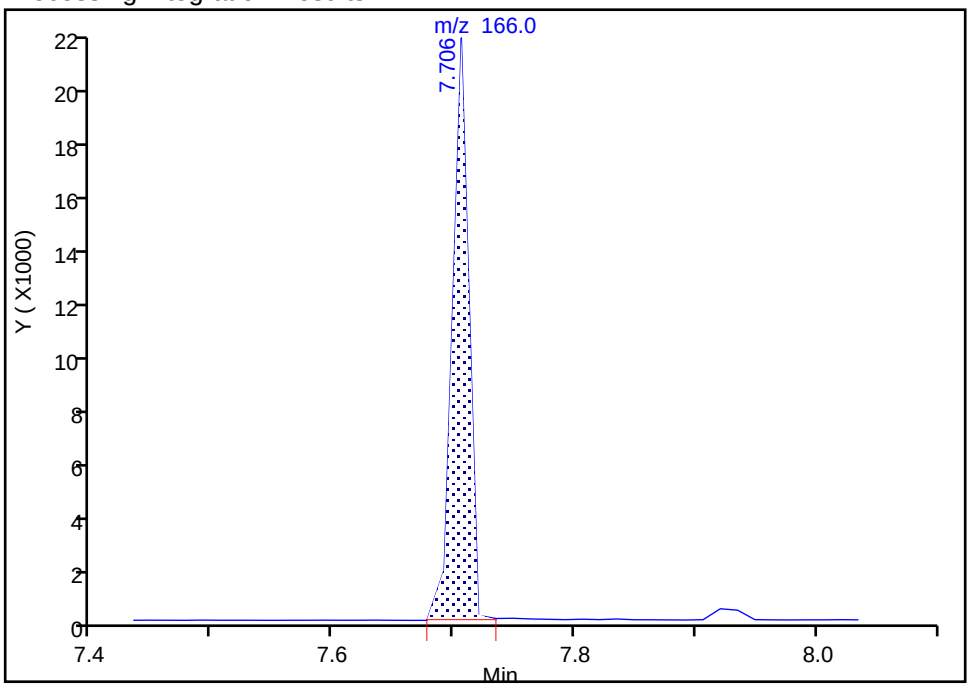
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D				
Injection Date:	24-May-2024 09:46:30	Instrument ID:	CBNAMS4		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

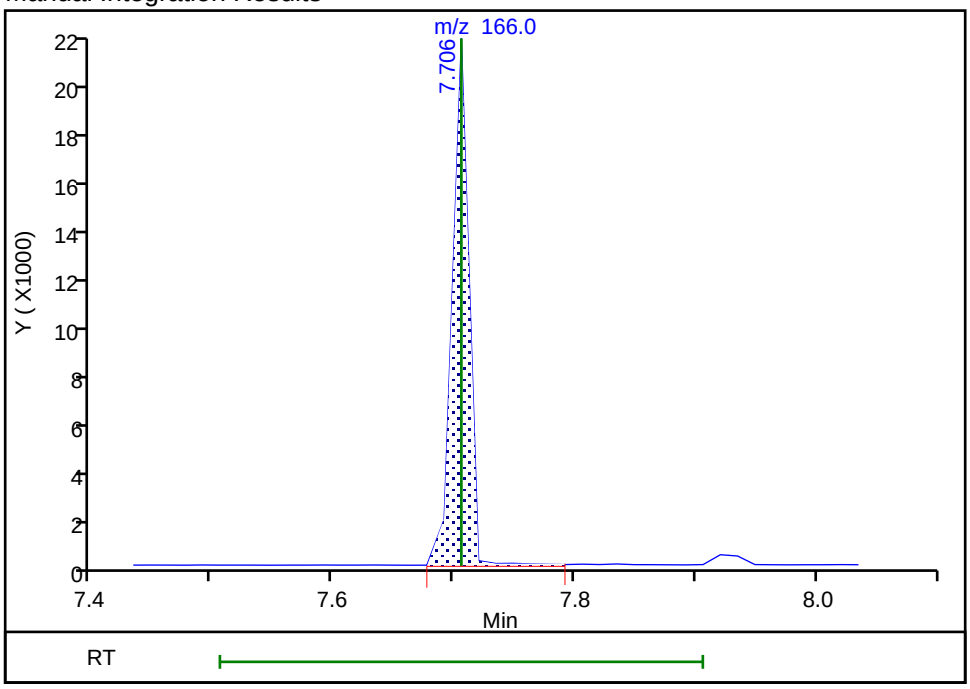
Processing Integration Results

RT: 7.71
Area: 19820
Amount: 0.270047
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 19999
Amount: 0.266317
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:32:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

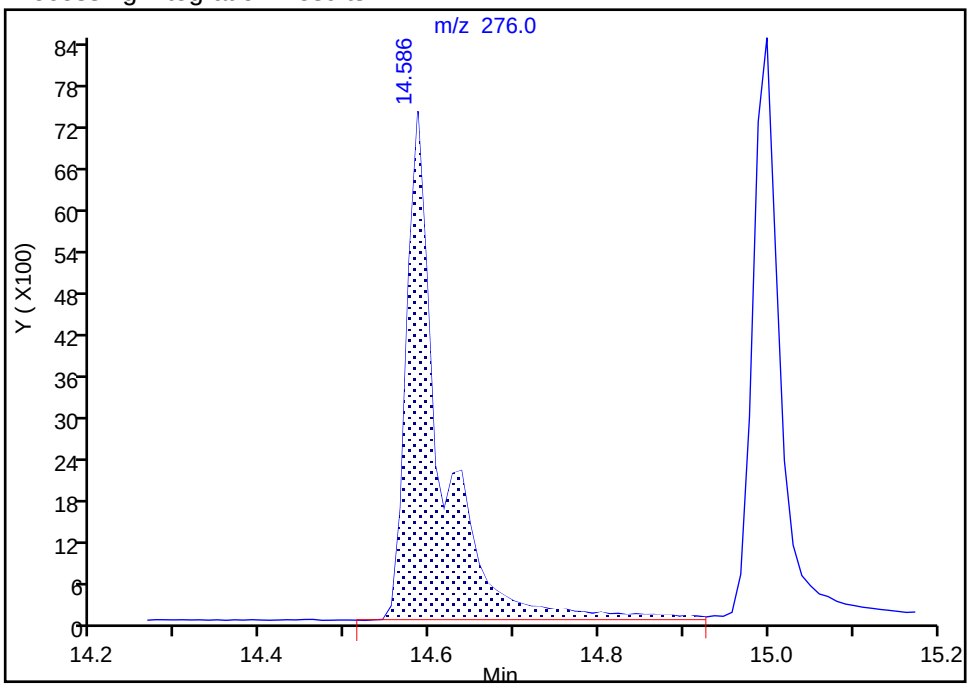
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D				
Injection Date:	24-May-2024 09:46:30	Instrument ID:	CBNAMS4		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	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

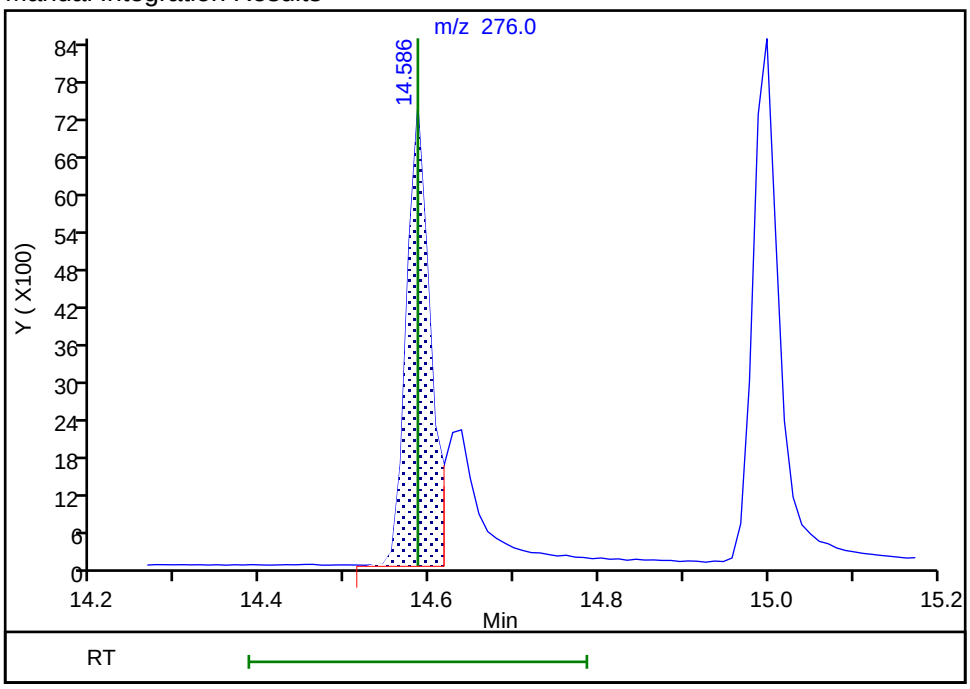
Processing Integration Results

RT: 14.59
Area: 20974
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 14.59
Area: 14443
Amount: 0.182436
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:09:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Calibration / 1,4-Dioxane

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

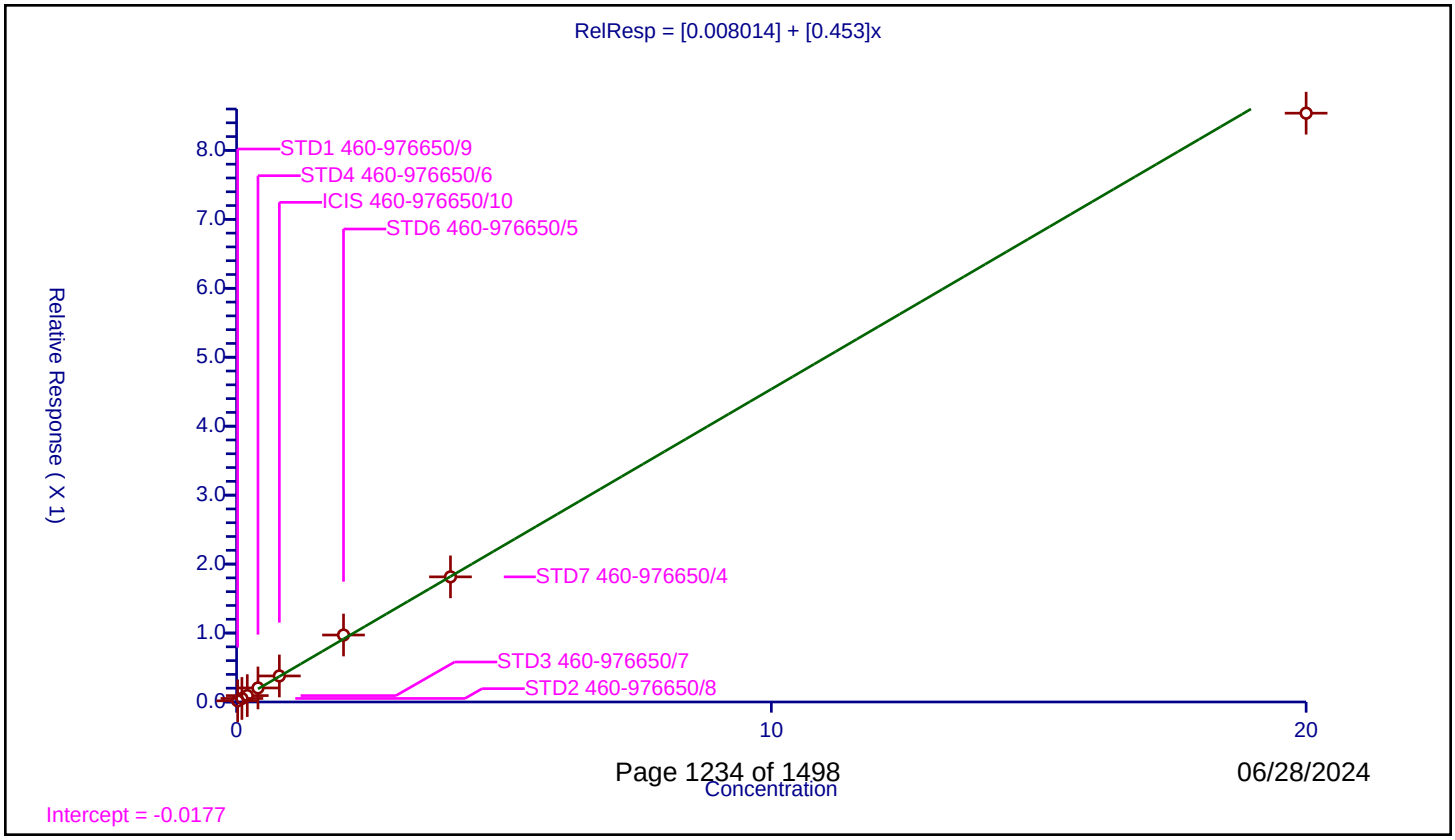
Curve Coefficients

Intercept:	0.008014
Slope:	0.453

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.02	0.017173	0.2	9480.0	0.85865	Y
2	STD2 460-976650/8	0.1	0.051171	0.2	10166.0	0.511706	Y
3	STD3 460-976650/7	0.2	0.09249	0.2	12637.0	0.462452	Y
4	STD4 460-976650/6	0.4	0.203812	0.2	9759.0	0.50953	Y
5	ICIS 460-976650/10	0.8	0.377842	0.2	9649.0	0.472303	Y
6	STD6 460-976650/5	2.0	0.971254	0.2	9191.0	0.485627	Y
7	STD7 460-976650/4	4.0	1.814863	0.2	9554.0	0.453716	Y
8	STD8 460-976650/3	20.0	8.539854	0.2	12872.0	0.426993	Y



Calibration / N-Nitrosodimethylamine

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

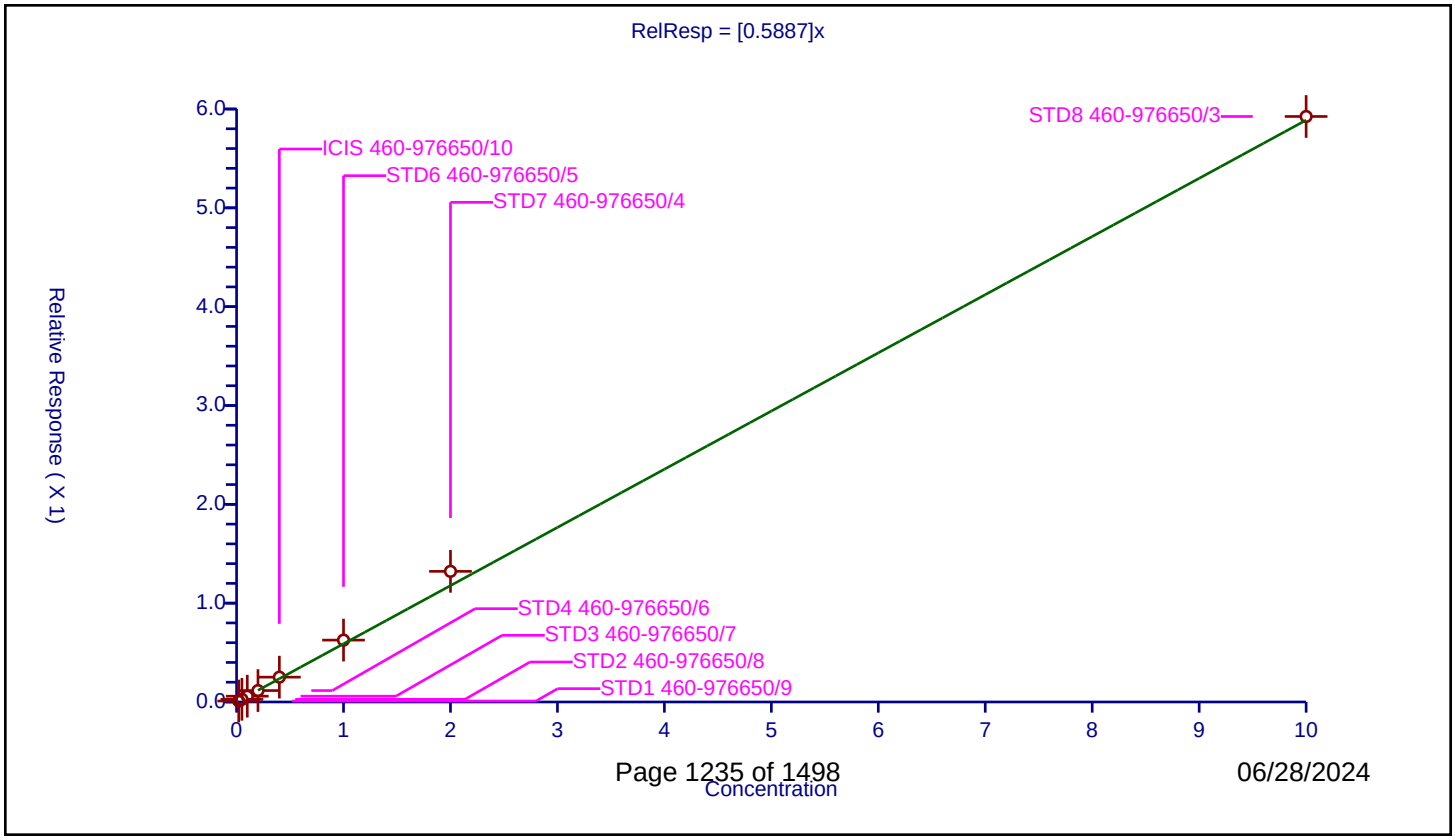
Curve Coefficients

Intercept:	0
Slope:	0.5887

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.02	0.009916	0.2	9480.0	0.495781	Y
2	STD2 460-976650/8	0.05	0.02713	0.2	10166.0	0.542593	Y
3	STD3 460-976650/7	0.1	0.058637	0.2	12637.0	0.586373	Y
4	STD4 460-976650/6	0.2	0.115483	0.2	9759.0	0.577416	Y
5	ICIS 460-976650/10	0.4	0.251342	0.2	9649.0	0.628355	Y
6	STD6 460-976650/5	1.0	0.626113	0.2	9191.0	0.626113	Y
7	STD7 460-976650/4	2.0	1.321813	0.2	9554.0	0.660906	Y
8	STD8 460-976650/3	10.0	5.924456	0.2	12872.0	0.592446	Y



Calibration / Bis(2-chloroethyl)ether

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

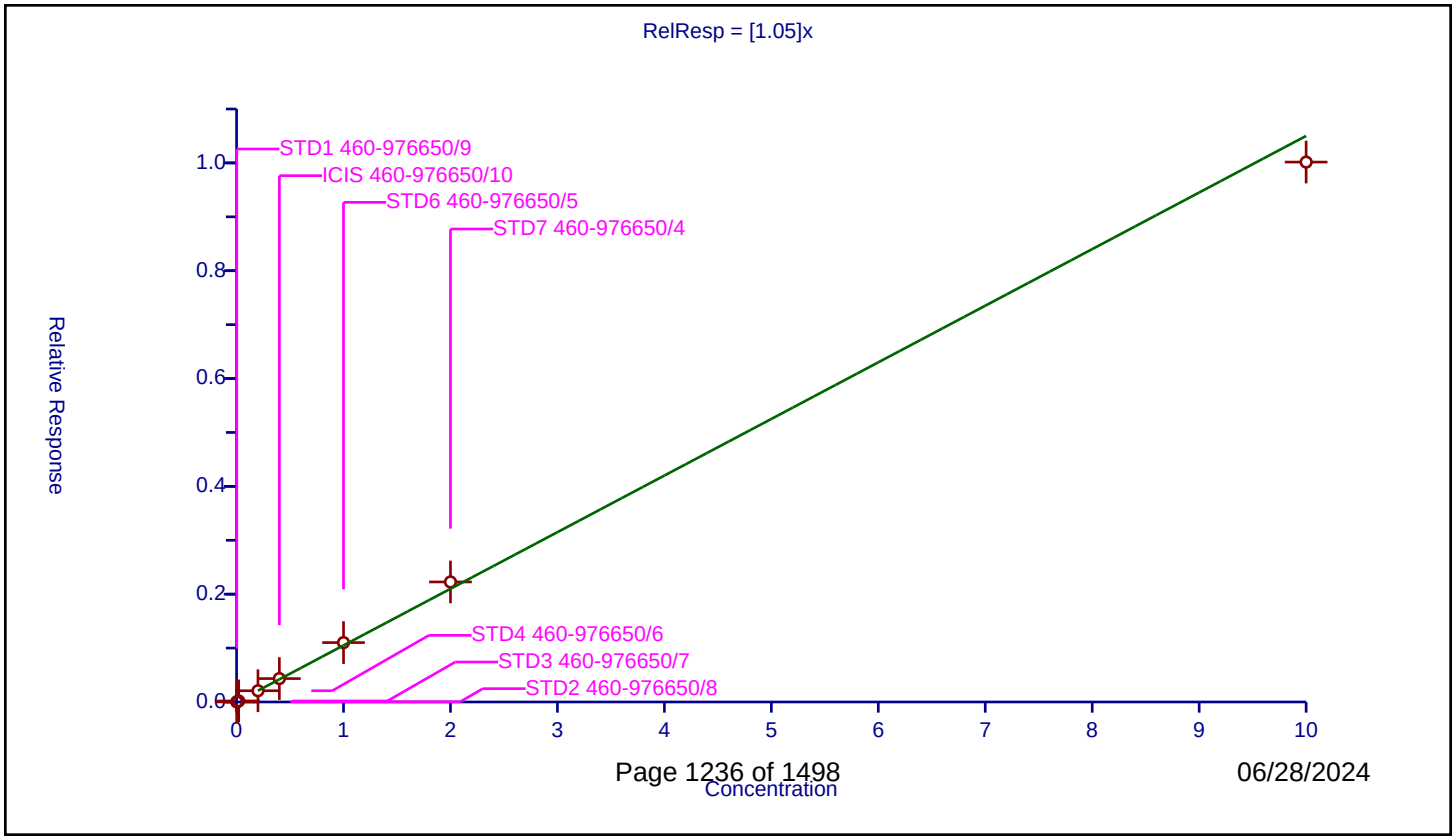
Curve Coefficients

Intercept:	0
Slope:	1.05

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.002	0.002215	0.2	9480.0	1.107595	Y
2	STD2 460-976650/8	0.005	0.004918	0.2	10166.0	0.983671	Y
3	STD3 460-976650/7	0.02	0.019277	0.2	12637.0	0.963836	Y
4	STD4 460-976650/6	0.2	0.20871	0.2	9759.0	1.04355	Y
5	ICIS 460-976650/10	0.4	0.43418	0.2	9649.0	1.085449	Y
6	STD6 460-976650/5	1.0	1.101817	0.2	9191.0	1.101817	Y
7	STD7 460-976650/4	2.0	2.226774	0.2	9554.0	1.113387	Y
8	STD8 460-976650/3	10.0	10.015662	0.2	12872.0	1.001566	Y



Calibration / Nitrobenzene-d5

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

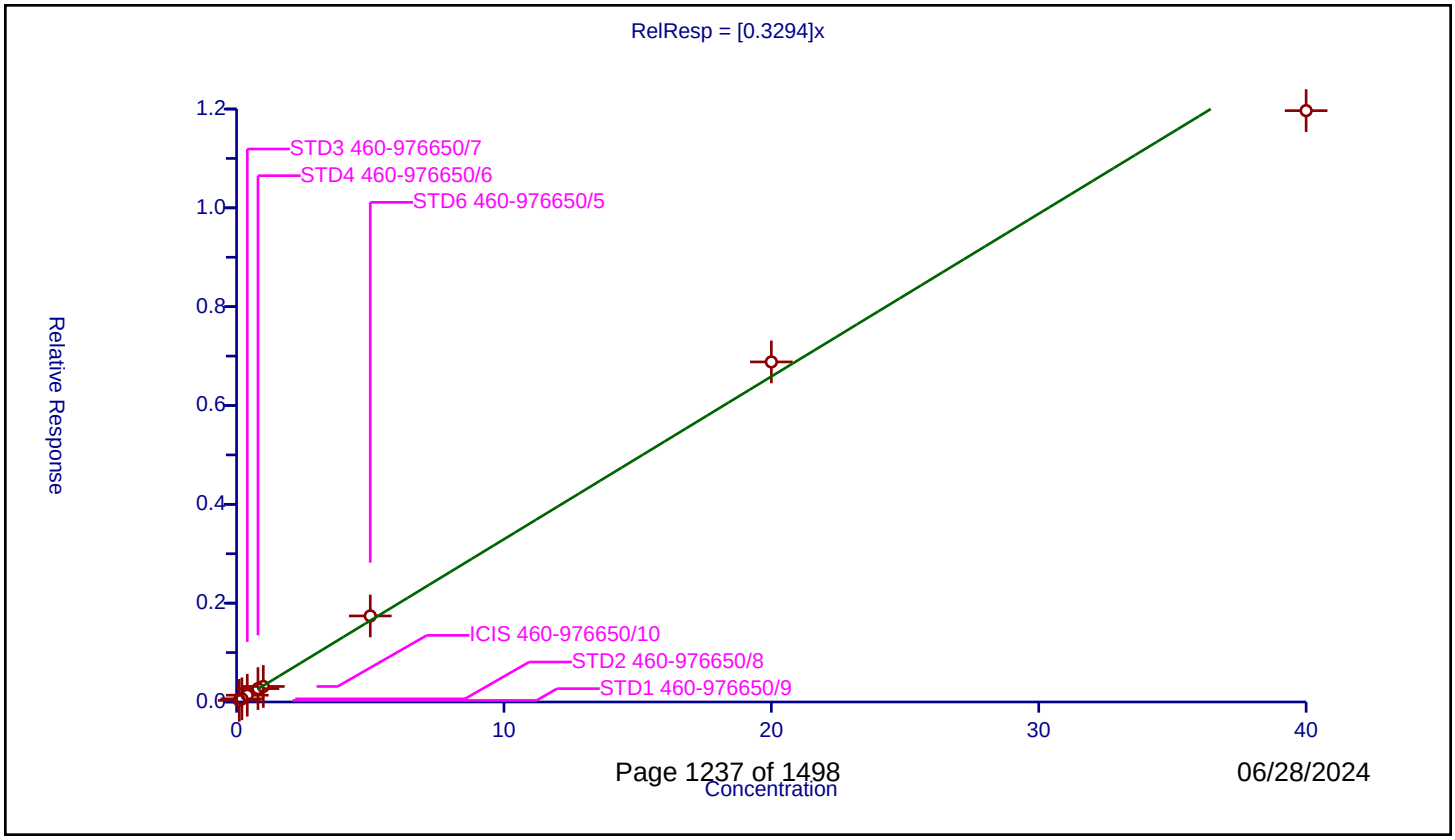
Curve Coefficients

Intercept:	0
Slope:	0.3294

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.1	0.032844	0.2	30252.0	0.328441	Y
2	STD2 460-976650/8	0.2	0.063905	0.2	31503.0	0.319525	Y
3	STD3 460-976650/7	0.4	0.137188	0.2	38722.0	0.34297	Y
4	STD4 460-976650/6	0.8	0.270485	0.2	30120.0	0.338106	Y
5	ICIS 460-976650/10	1.0	0.314238	0.2	30769.0	0.314238	Y
6	STD6 460-976650/5	5.0	1.741351	0.2	29126.0	0.34827	Y
7	STD7 460-976650/4	20.0	6.88188	0.2	30508.0	0.344094	Y
8	STD8 460-976650/3	40.0	11.967301	0.2	40925.0	0.299183	Y



Calibration / Naphthalene

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

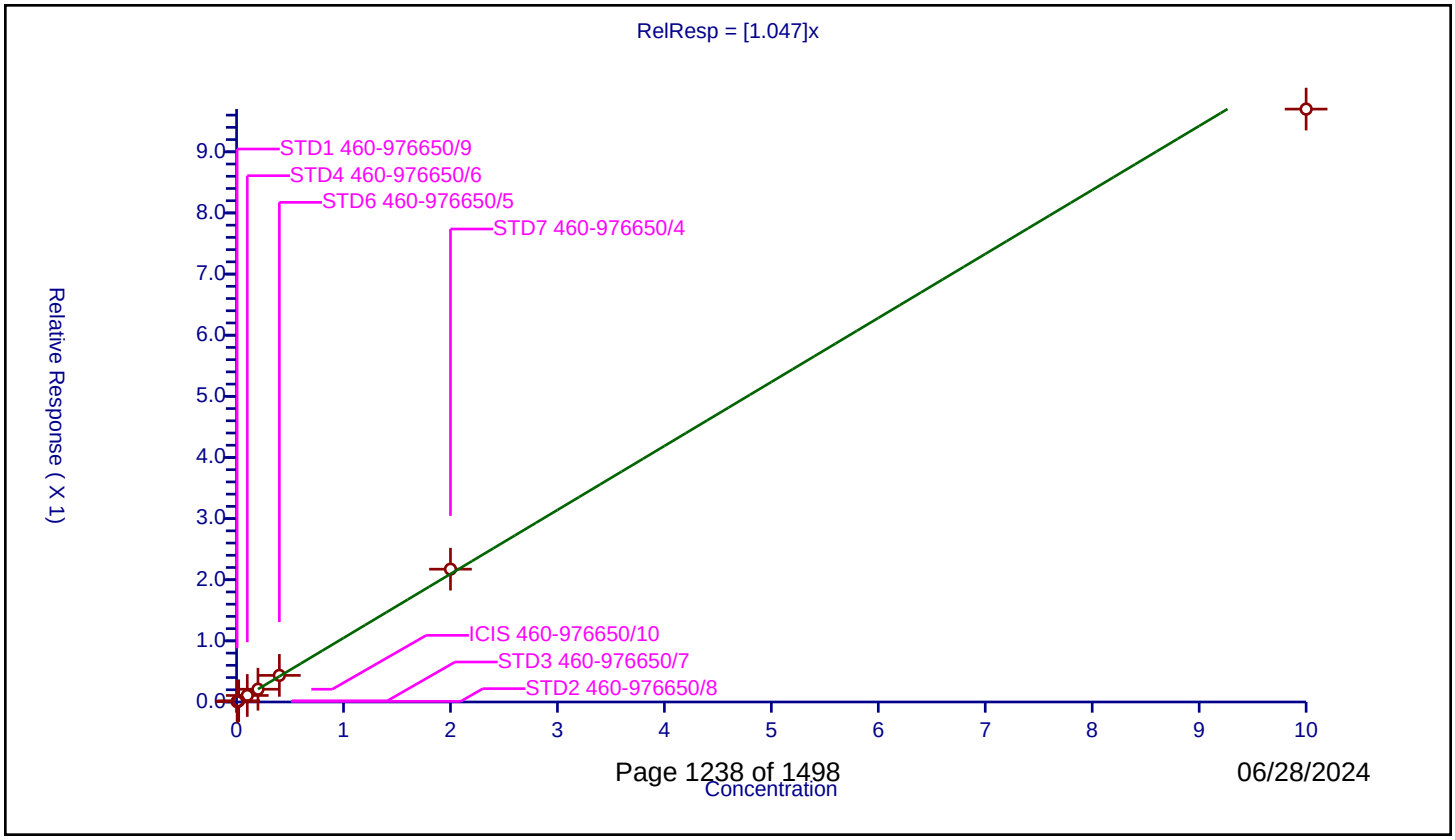
Curve Coefficients

Intercept:	0
Slope:	1.047

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.005395	0.2	30252.0	1.078937	Y
2	STD2 460-976650/8	0.01	0.01045	0.2	31503.0	1.04498	Y
3	STD3 460-976650/7	0.02	0.019952	0.2	38722.0	0.997624	Y
4	STD4 460-976650/6	0.1	0.106541	0.2	30120.0	1.065405	Y
5	ICIS 460-976650/10	0.2	0.208931	0.2	30769.0	1.044655	Y
6	STD6 460-976650/5	0.4	0.435103	0.2	29126.0	1.087757	Y
7	STD7 460-976650/4	2.0	2.172532	0.2	30508.0	1.086266	Y
8	STD8 460-976650/3	10.0	9.69883	0.2	40925.0	0.969883	Y



Calibration / 2-Fluorobiphenyl

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

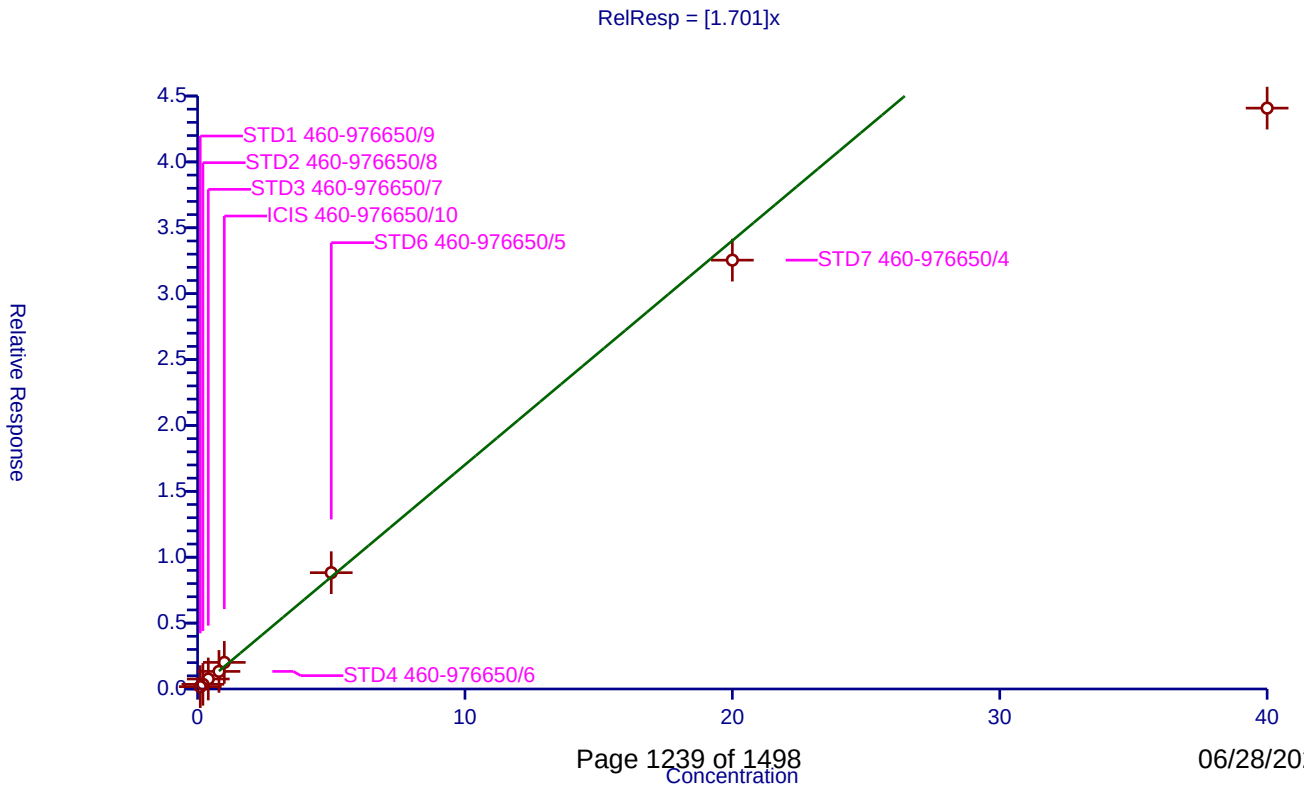
Curve Coefficients

Intercept:	0
Slope:	1.701

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.1	0.176509	0.2	17377.0	1.765092	Y
2	STD2 460-976650/8	0.2	0.354684	0.2	16974.0	1.773418	Y
3	STD3 460-976650/7	0.4	0.756952	0.2	20735.0	1.89238	Y
4	STD4 460-976650/6	0.8	1.333619	0.2	16782.0	1.667024	Y
5	ICIS 460-976650/10	1.0	2.018938	0.2	14394.0	2.018938	Y
6	STD6 460-976650/5	5.0	8.825566	0.2	16858.0	1.765113	Y
7	STD7 460-976650/4	20.0	32.544931	0.2	18050.0	1.627247	Y
8	STD8 460-976650/3	40.0	44.081637	0.2	22801.0	1.102041	Y



Calibration / Acenaphthylene

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

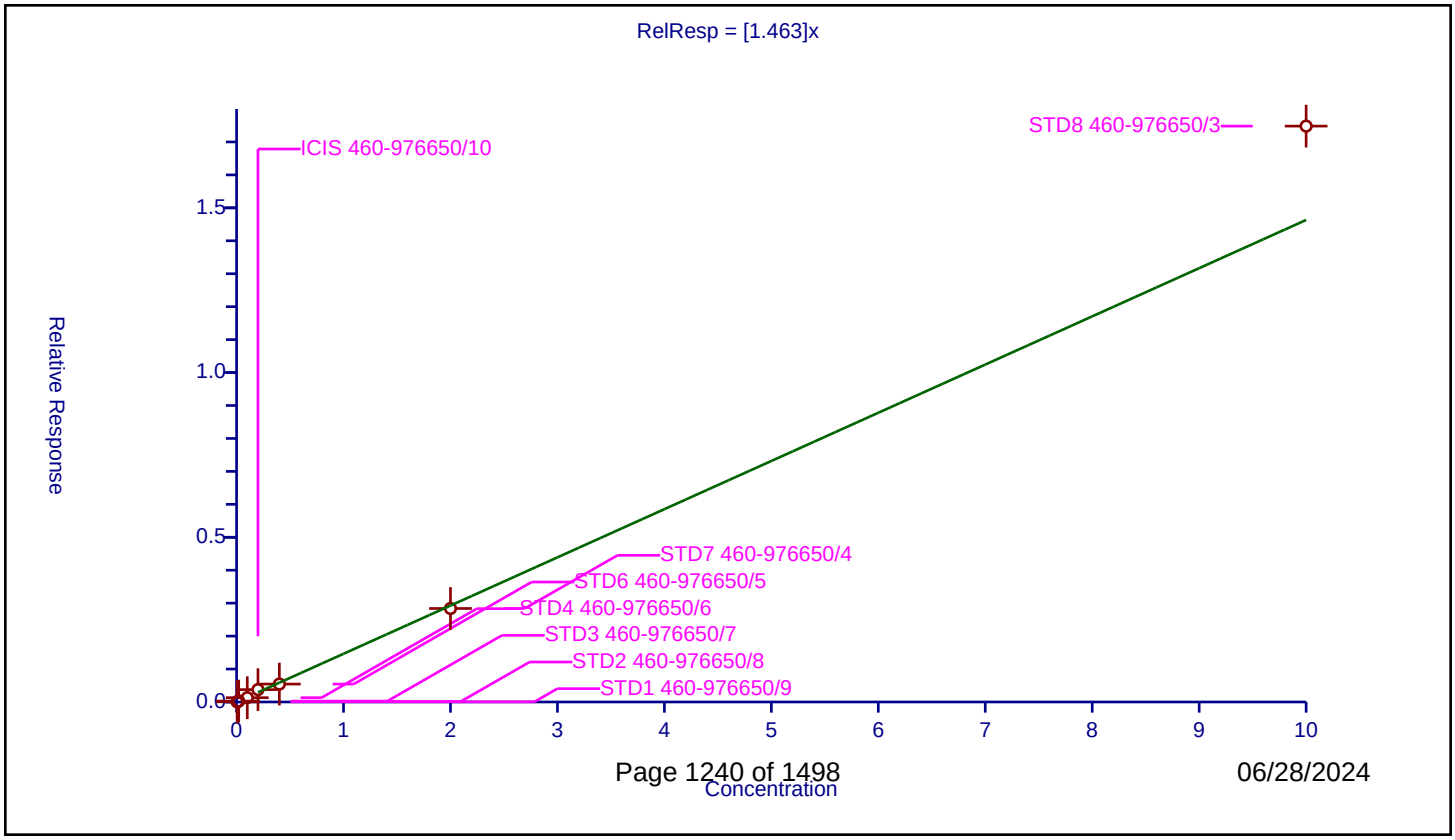
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.006388	0.2	17377.0	1.277551	Y
2	STD2 460-976650/8	0.01	0.013444	0.2	16974.0	1.344409	Y
3	STD3 460-976650/7	0.02	0.02748	0.2	20735.0	1.374005	Y
4	STD4 460-976650/6	0.1	0.130604	0.2	16782.0	1.306042	Y
5	ICIS 460-976650/10	0.2	0.375504	0.2	14394.0	1.877518	Y
6	STD6 460-976650/5	0.4	0.543433	0.2	16858.0	1.358583	Y
7	STD7 460-976650/4	2.0	2.83805	0.2	18050.0	1.419025	Y
8	STD8 460-976650/3	10.0	17.481093	0.2	22801.0	1.748109	Y



06/28/2024

Calibration / Acenaphthene

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

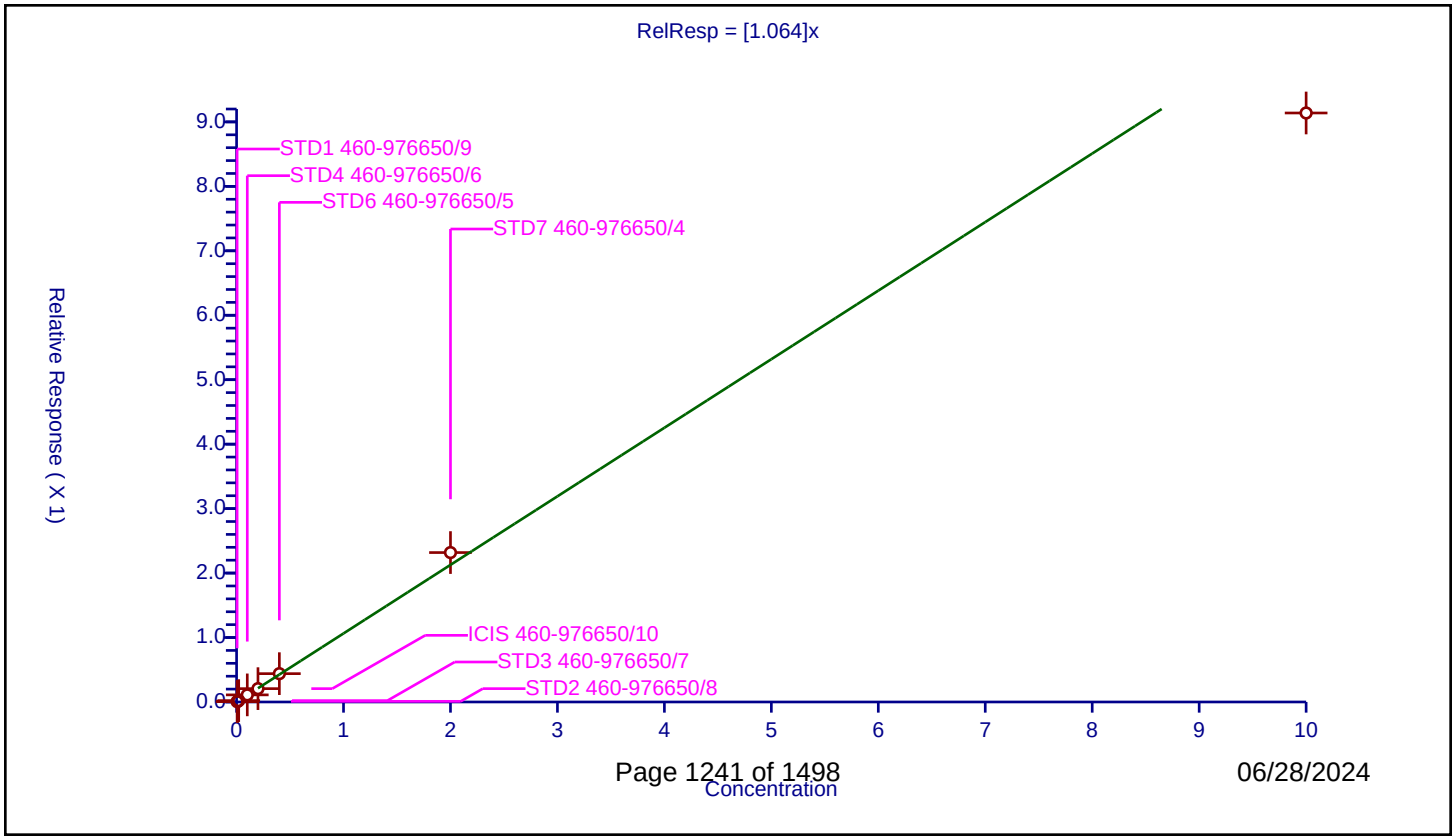
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.005617	0.2	17377.0	1.123324	Y
2	STD2 460-976650/8	0.01	0.010133	0.2	16974.0	1.013314	Y
3	STD3 460-976650/7	0.02	0.021259	0.2	20735.0	1.062937	Y
4	STD4 460-976650/6	0.1	0.110213	0.2	16782.0	1.102133	Y
5	ICIS 460-976650/10	0.2	0.207072	0.2	14394.0	1.035362	Y
6	STD6 460-976650/5	0.4	0.439661	0.2	16858.0	1.099152	Y
7	STD7 460-976650/4	2.0	2.318327	0.2	18050.0	1.159163	Y
8	STD8 460-976650/3	10.0	9.13845	0.2	22801.0	0.913845	Y



Calibration / Fluorene

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

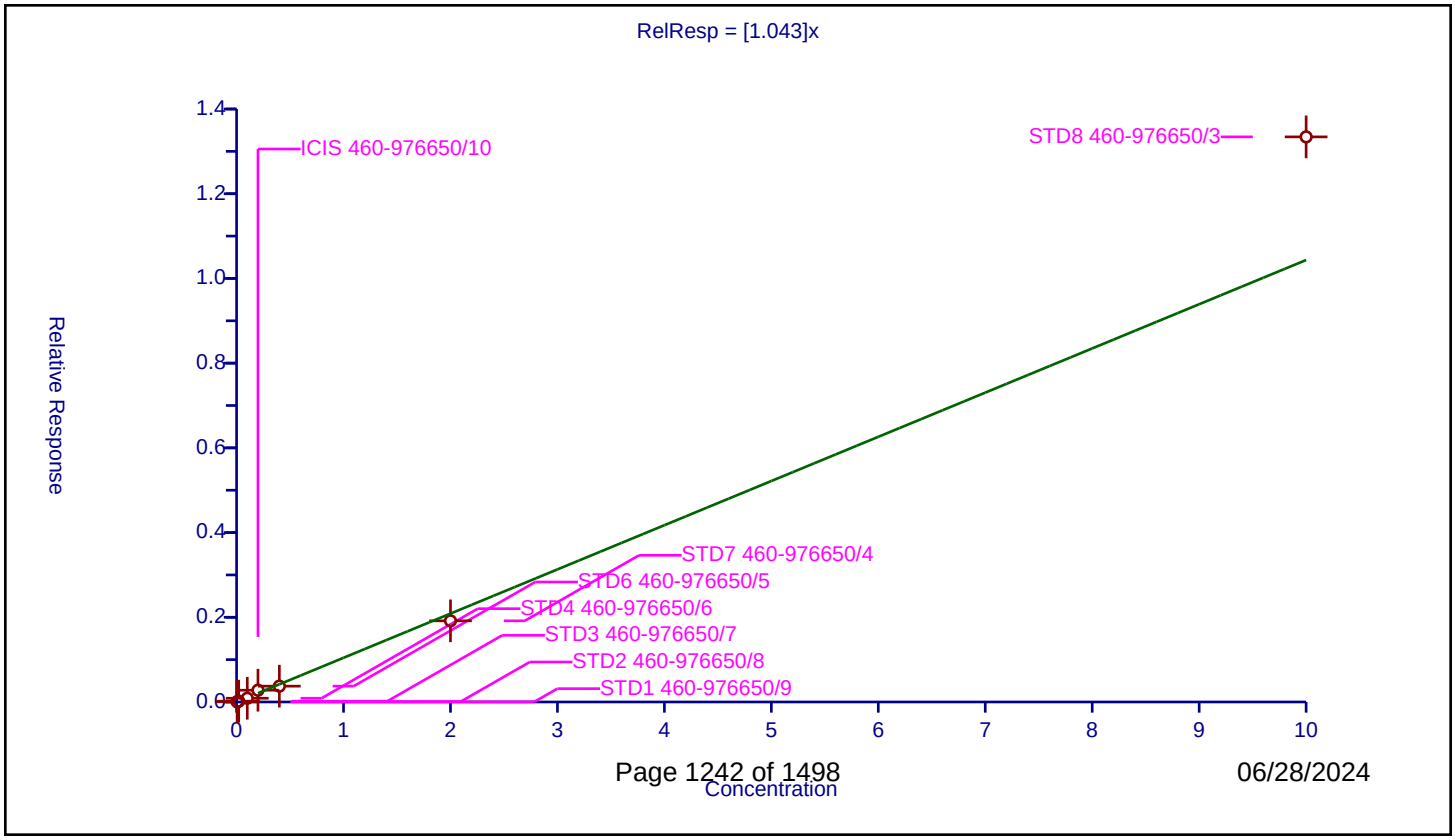
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Relative Standard Deviation:	19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.005041	0.2	17377.0	1.008229	Y
2	STD2 460-976650/8	0.01	0.008861	0.2	16974.0	0.886061	Y
3	STD3 460-976650/7	0.02	0.01906	0.2	20735.0	0.952978	Y
4	STD4 460-976650/6	0.1	0.088368	0.2	16782.0	0.883685	Y
5	ICIS 460-976650/10	0.2	0.27788	0.2	14394.0	1.389398	Y
6	STD6 460-976650/5	0.4	0.373817	0.2	16858.0	0.934541	Y
7	STD7 460-976650/4	2.0	1.916465	0.2	18050.0	0.958233	Y
8	STD8 460-976650/3	10.0	13.342231	0.2	22801.0	1.334223	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

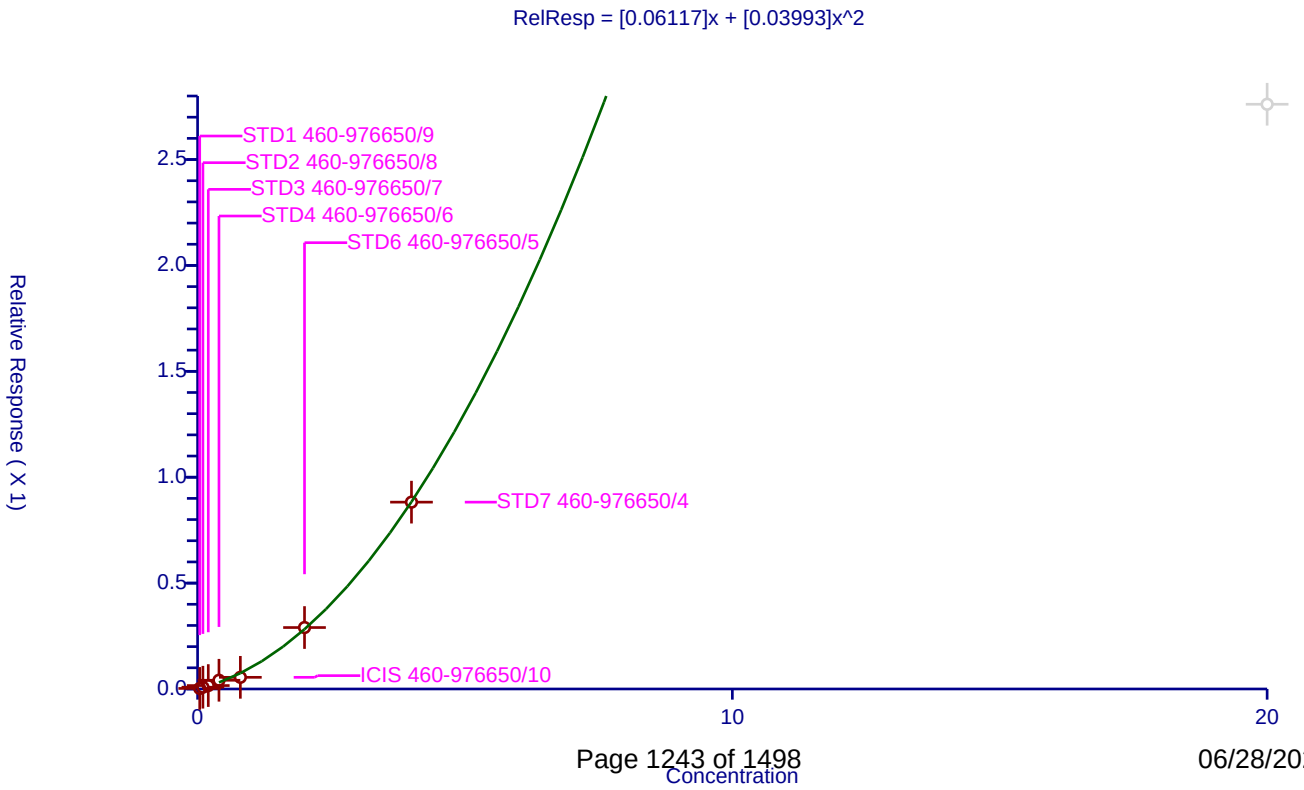
Curve Coefficients

Intercept:	0
Slope:	0.06117
Second Order:	0.03993

Error Coefficients

Relative Standard Deviation:	20.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.04	0.002568	0.2	23360.0	0.064212	Y
2	STD2 460-976650/8	0.1	0.008405	0.2	19797.0	0.084053	Y
3	STD3 460-976650/7	0.2	0.016173	0.2	29024.0	0.080864	Y
4	STD4 460-976650/6	0.4	0.041181	0.2	18994.0	0.102954	Y
5	ICIS 460-976650/10	0.8	0.055103	0.2	27610.0	0.068879	Y
6	STD6 460-976650/5	2.0	0.290124	0.2	21497.0	0.145062	Y
7	STD7 460-976650/4	4.0	0.882213	0.2	20571.0	0.220553	Y
8	STD8 460-976650/3	20.0	2.761103	0.2	37962.0	0.138055	N



Calibration / 2,4,6-Tribromophenol

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

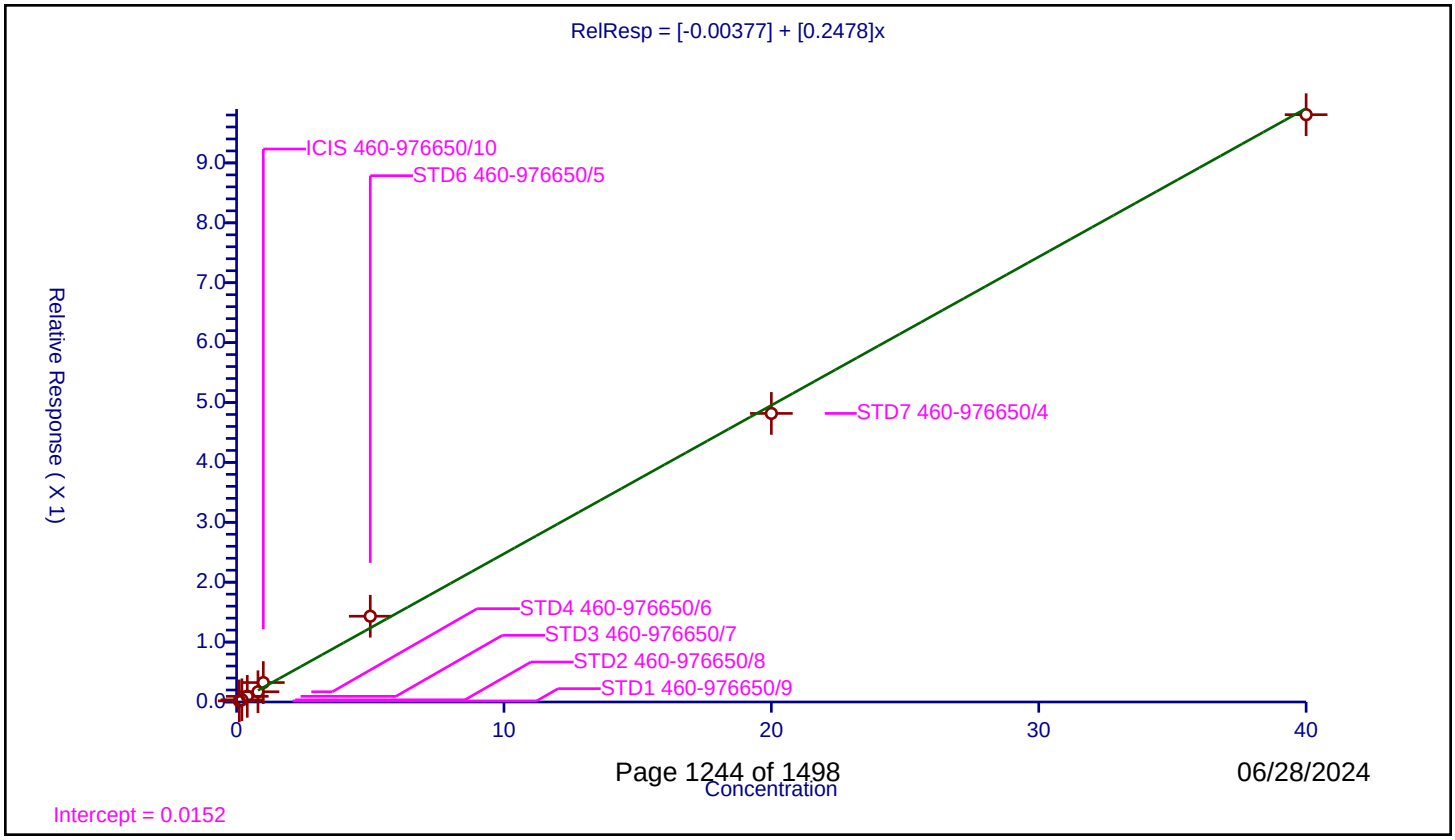
Curve Coefficients

Intercept:	-0.00377
Slope:	0.2478

Error Coefficients

Relative Standard Deviation:	18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.1	0.01784	0.2	17377.0	0.178397	Y
2	STD2 460-976650/8	0.2	0.036432	0.2	16974.0	0.182161	Y
3	STD3 460-976650/7	0.4	0.094536	0.2	20735.0	0.23634	Y
4	STD4 460-976650/6	0.8	0.170802	0.2	16782.0	0.213503	Y
5	ICIS 460-976650/10	1.0	0.324441	0.2	14394.0	0.324441	Y
6	STD6 460-976650/5	5.0	1.43208	0.2	16858.0	0.286416	Y
7	STD7 460-976650/4	20.0	4.817673	0.2	18050.0	0.240884	Y
8	STD8 460-976650/3	40.0	9.805649	0.2	22801.0	0.245141	Y



Calibration / Hexachlorobenzene

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

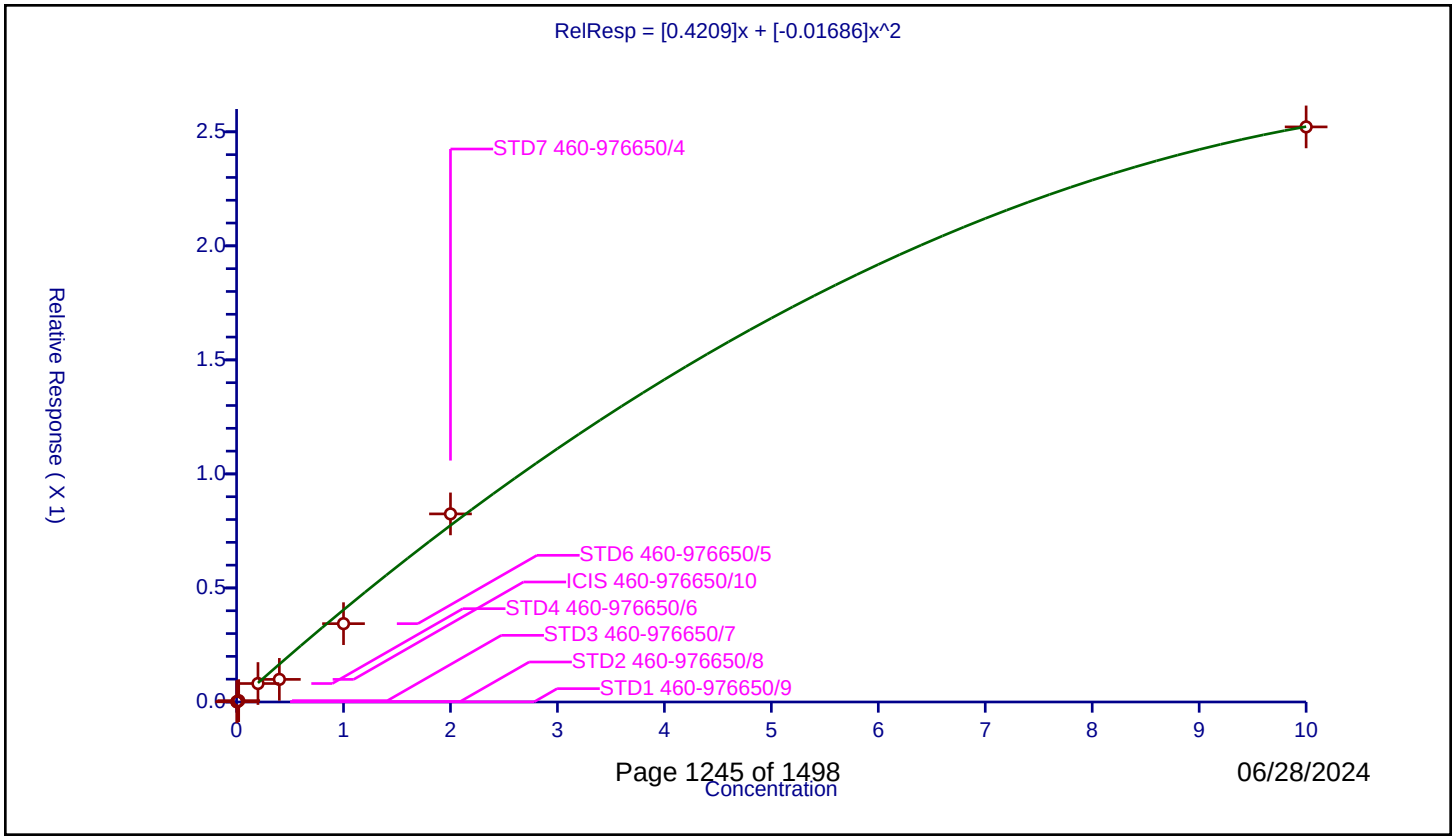
Curve Coefficients

Intercept:	0
Slope:	0.4209
Second Order:	-0.01686

Error Coefficients

Relative Standard Deviation:	22.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.002	0.000813	0.2	23360.0	0.406678	Y
2	STD2 460-976650/8	0.005	0.001798	0.2	19797.0	0.35965	Y
3	STD3 460-976650/7	0.02	0.005871	0.2	29024.0	0.29355	Y
4	STD4 460-976650/6	0.2	0.08092	0.2	18994.0	0.404601	Y
5	ICIS 460-976650/10	0.4	0.099138	0.2	27610.0	0.247845	Y
6	STD6 460-976650/5	1.0	0.343499	0.2	21497.0	0.343499	Y
7	STD7 460-976650/4	2.0	0.824753	0.2	20571.0	0.412377	Y
8	STD8 460-976650/3	10.0	2.521543	0.2	37962.0	0.252154	Y



Calibration / Pentachlorophenol

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

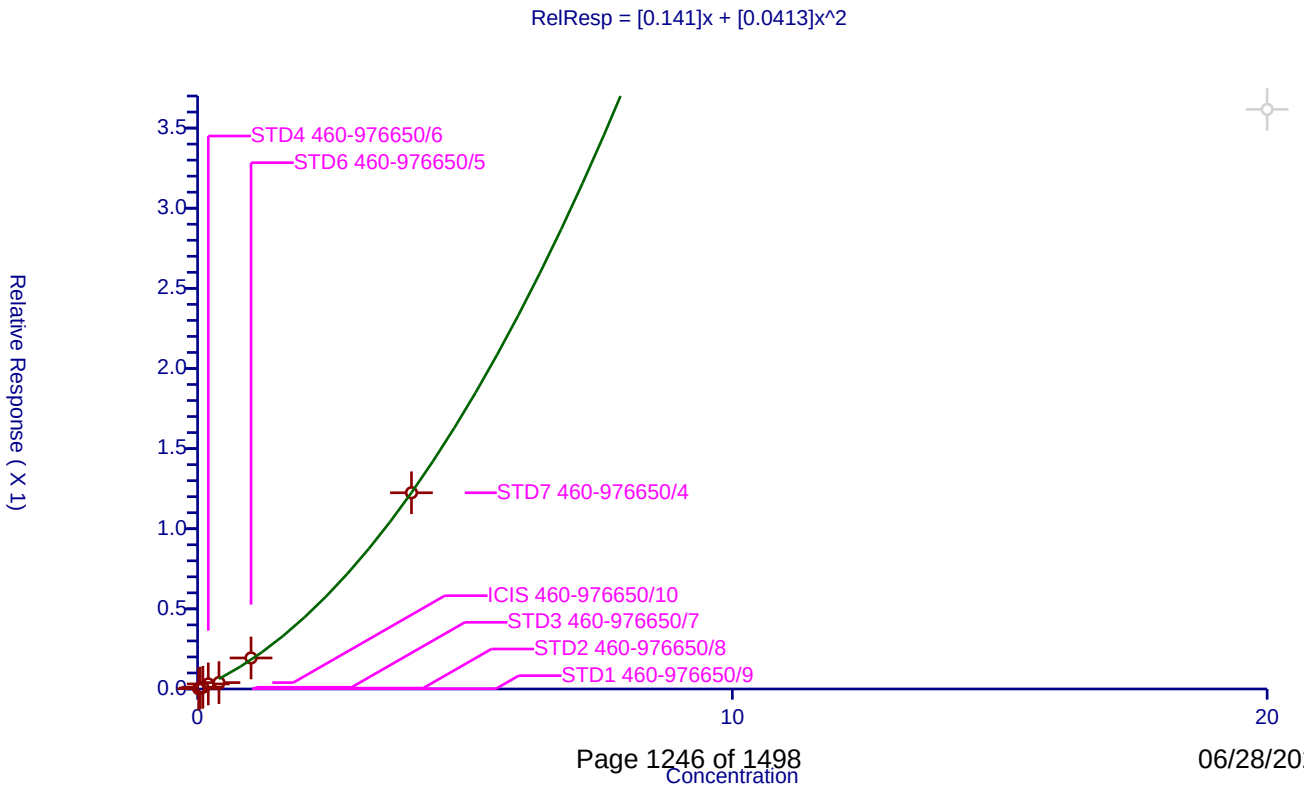
Curve Coefficients

Intercept:	0
Slope:	0.141
Second Order:	0.0413

Error Coefficients

Relative Standard Deviation:	27.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.02	0.001729	0.2	23360.0	0.086473	Y
2	STD2 460-976650/8	0.05	0.005647	0.2	19797.0	0.112946	Y
3	STD3 460-976650/7	0.1	0.010708	0.2	29024.0	0.107084	Y
4	STD4 460-976650/6	0.2	0.031494	0.2	18994.0	0.157471	Y
5	ICIS 460-976650/10	0.4	0.039899	0.2	27610.0	0.099746	Y
6	STD6 460-976650/5	1.0	0.193646	0.2	21497.0	0.193646	Y
7	STD7 460-976650/4	4.0	1.224442	0.2	20571.0	0.306111	Y
8	STD8 460-976650/3	20.0	3.616653	0.2	37962.0	0.180833	N



Calibration / Phenanthrene

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

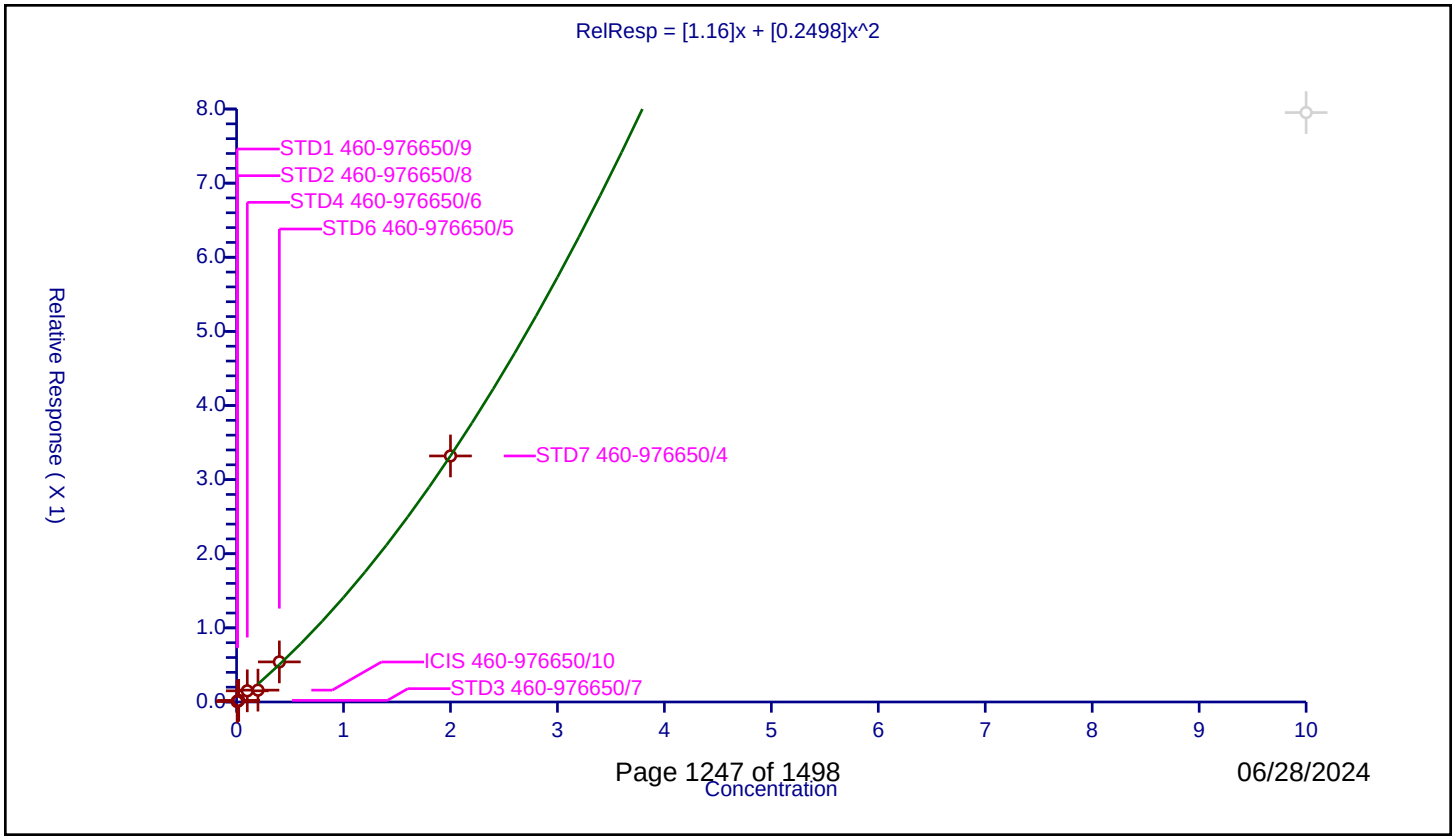
Curve Coefficients

Intercept:	0
Slope:	1.16
Second Order:	0.2498

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.006002	0.2	23360.0	1.200342	Y
2	STD2 460-976650/8	0.01	0.013022	0.2	19797.0	1.302218	Y
3	STD3 460-976650/7	0.02	0.02192	0.2	29024.0	1.09599	Y
4	STD4 460-976650/6	0.1	0.150405	0.2	18994.0	1.504054	Y
5	ICIS 460-976650/10	0.2	0.16	0.2	27610.0	0.8	Y
6	STD6 460-976650/5	0.4	0.540894	0.2	21497.0	1.352235	Y
7	STD7 460-976650/4	2.0	3.31945	0.2	20571.0	1.659725	Y
8	STD8 460-976650/3	10.0	7.952121	0.2	37962.0	0.795212	N



06/28/2024

Calibration / Anthracene

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

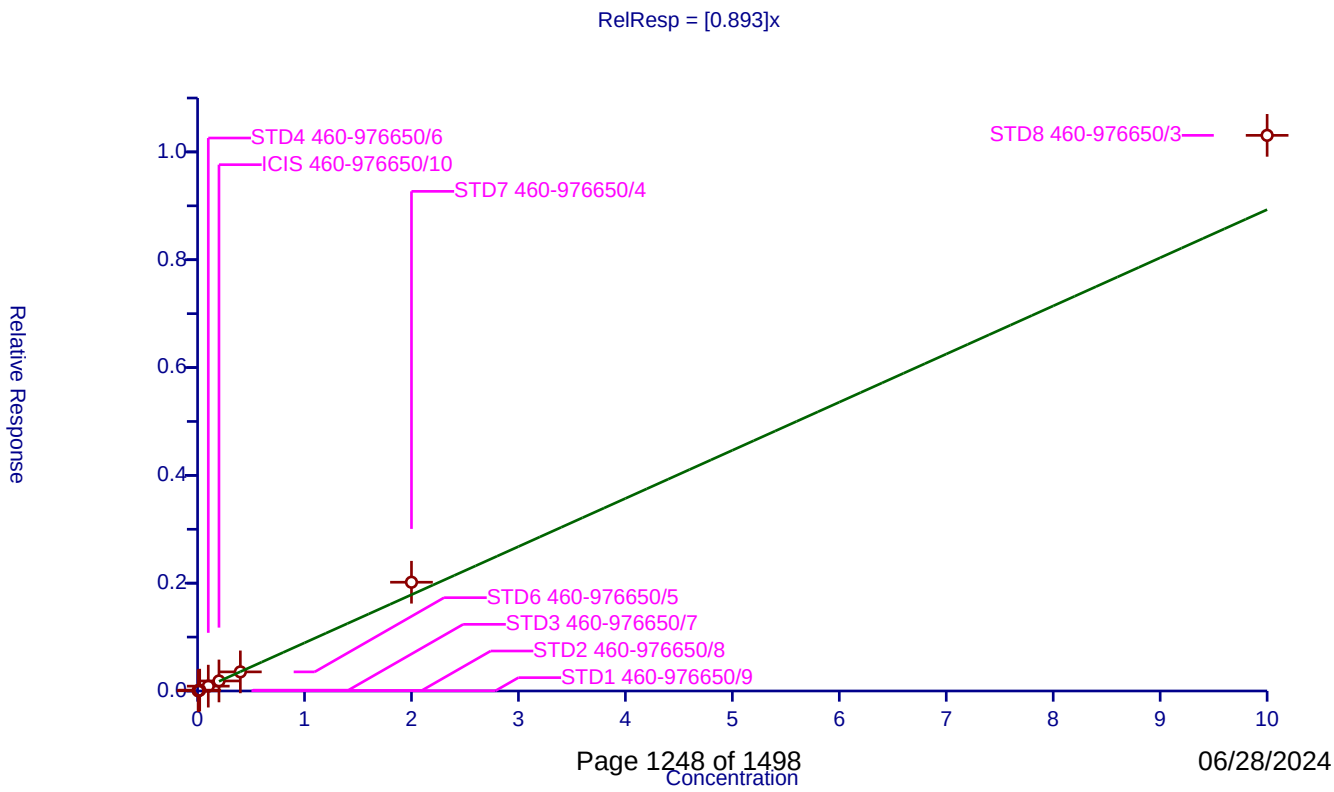
Curve Coefficients

Intercept:	0
Slope:	0.893

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.003998	0.2	23360.0	0.799658	Y
2	STD2 460-976650/8	0.01	0.008213	0.2	19797.0	0.821337	Y
3	STD3 460-976650/7	0.02	0.015367	0.2	29024.0	0.76833	Y
4	STD4 460-976650/6	0.1	0.089786	0.2	18994.0	0.897862	Y
5	ICIS 460-976650/10	0.2	0.186135	0.2	27610.0	0.930677	Y
6	STD6 460-976650/5	0.4	0.354524	0.2	21497.0	0.88631	Y
7	STD7 460-976650/4	2.0	2.017471	0.2	20571.0	1.008736	Y
8	STD8 460-976650/3	10.0	10.307444	0.2	37962.0	1.030744	Y



Calibration / Fluoranthene

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

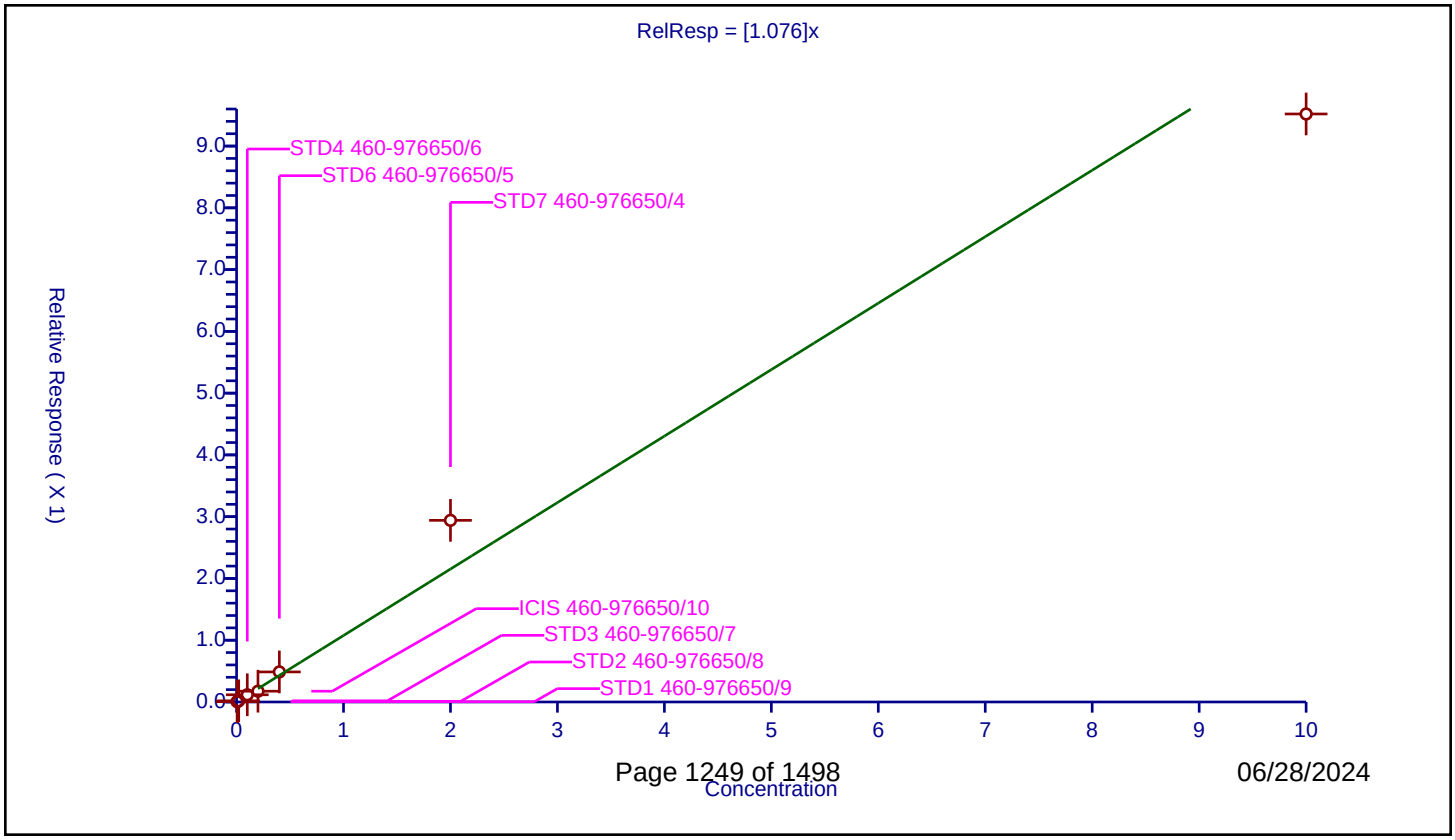
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.004812	0.2	23360.0	0.962329	Y
2	STD2 460-976650/8	0.01	0.010264	0.2	19797.0	1.026418	Y
3	STD3 460-976650/7	0.02	0.018791	0.2	29024.0	0.939567	Y
4	STD4 460-976650/6	0.1	0.116879	0.2	18994.0	1.16879	Y
5	ICIS 460-976650/10	0.2	0.174553	0.2	27610.0	0.872763	Y
6	STD6 460-976650/5	0.4	0.486738	0.2	21497.0	1.216844	Y
7	STD7 460-976650/4	2.0	2.940518	0.2	20571.0	1.470259	Y
8	STD8 460-976650/3	10.0	9.519799	0.2	37962.0	0.95198	Y



Calibration / Pyrene

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

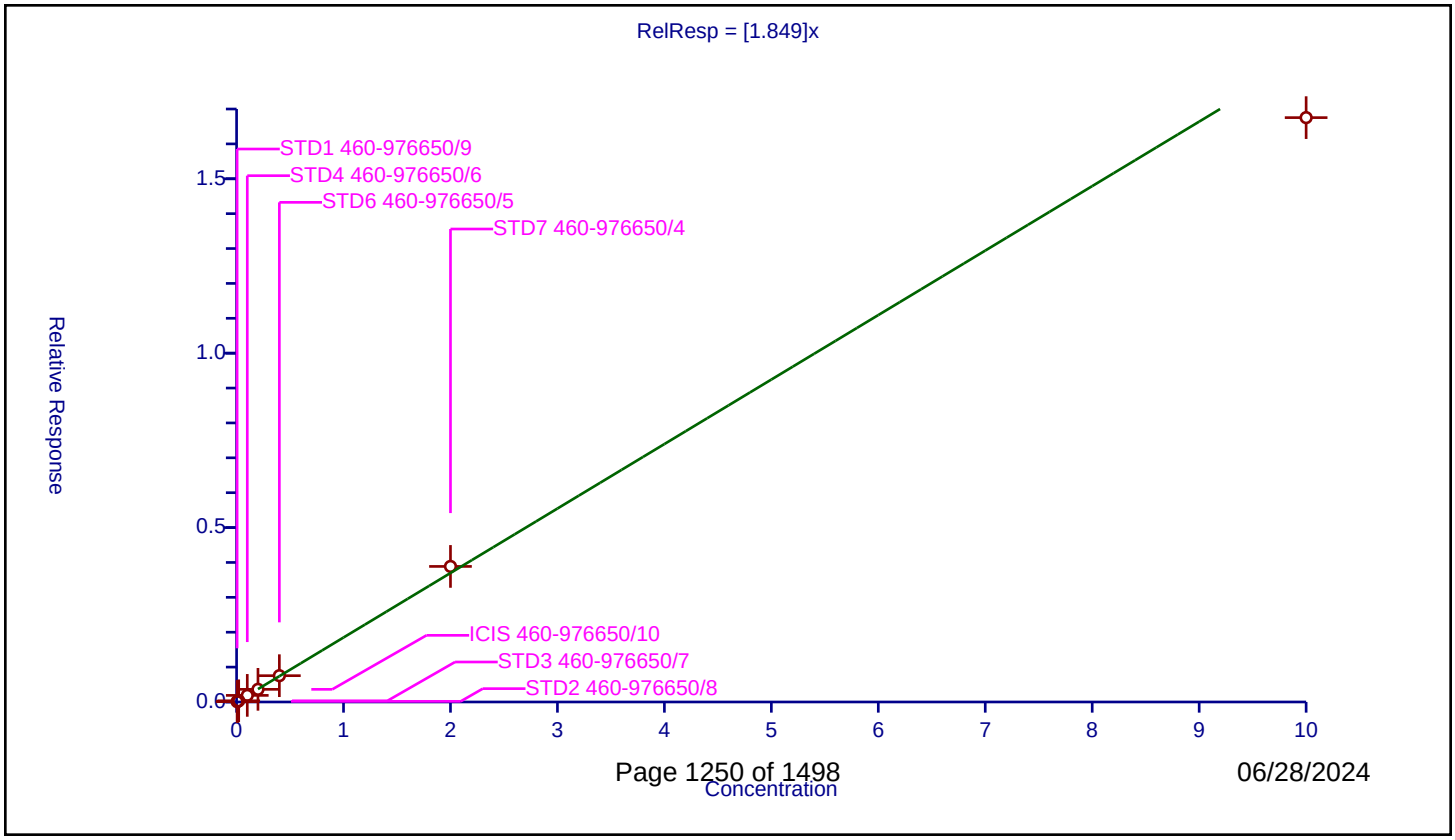
Curve Coefficients

Intercept:	0
Slope:	1.849

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.010199	0.2	11805.0	2.039814	Y
2	STD2 460-976650/8	0.01	0.01842	0.2	10901.0	1.842033	Y
3	STD3 460-976650/7	0.02	0.034025	0.2	15865.0	1.701229	Y
4	STD4 460-976650/6	0.1	0.1891	0.2	11523.0	1.891001	Y
5	ICIS 460-976650/10	0.2	0.362487	0.2	13718.0	1.812436	Y
6	STD6 460-976650/5	0.4	0.753899	0.2	14030.0	1.884747	Y
7	STD7 460-976650/4	2.0	3.886665	0.2	15545.0	1.943332	Y
8	STD8 460-976650/3	10.0	16.753397	0.2	21664.0	1.67534	Y



06/28/2024

Calibration / Benzo[a]anthracene

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

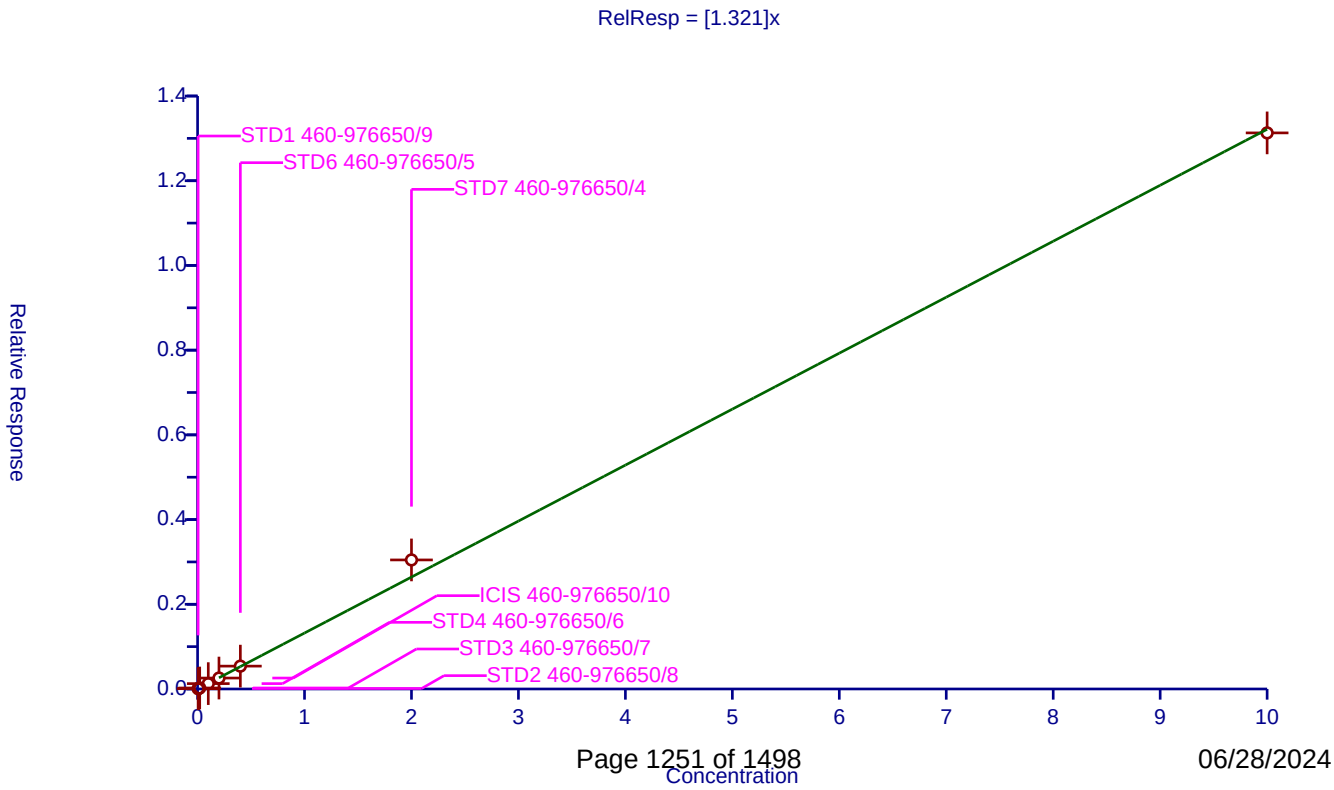
Curve Coefficients

Intercept:	0
Slope:	1.321

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.006878	0.2	11805.0	1.375688	Y
2	STD2 460-976650/8	0.01	0.012513	0.2	10901.0	1.251261	Y
3	STD3 460-976650/7	0.02	0.023902	0.2	15865.0	1.195084	Y
4	STD4 460-976650/6	0.1	0.126981	0.2	11523.0	1.269808	Y
5	ICIS 460-976650/10	0.2	0.258711	0.2	13718.0	1.293556	Y
6	STD6 460-976650/5	0.4	0.539772	0.2	14030.0	1.34943	Y
7	STD7 460-976650/4	2.0	3.046922	0.2	15545.0	1.523461	Y
8	STD8 460-976650/3	10.0	13.129081	0.2	21664.0	1.312908	Y



Calibration / Chrysene

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

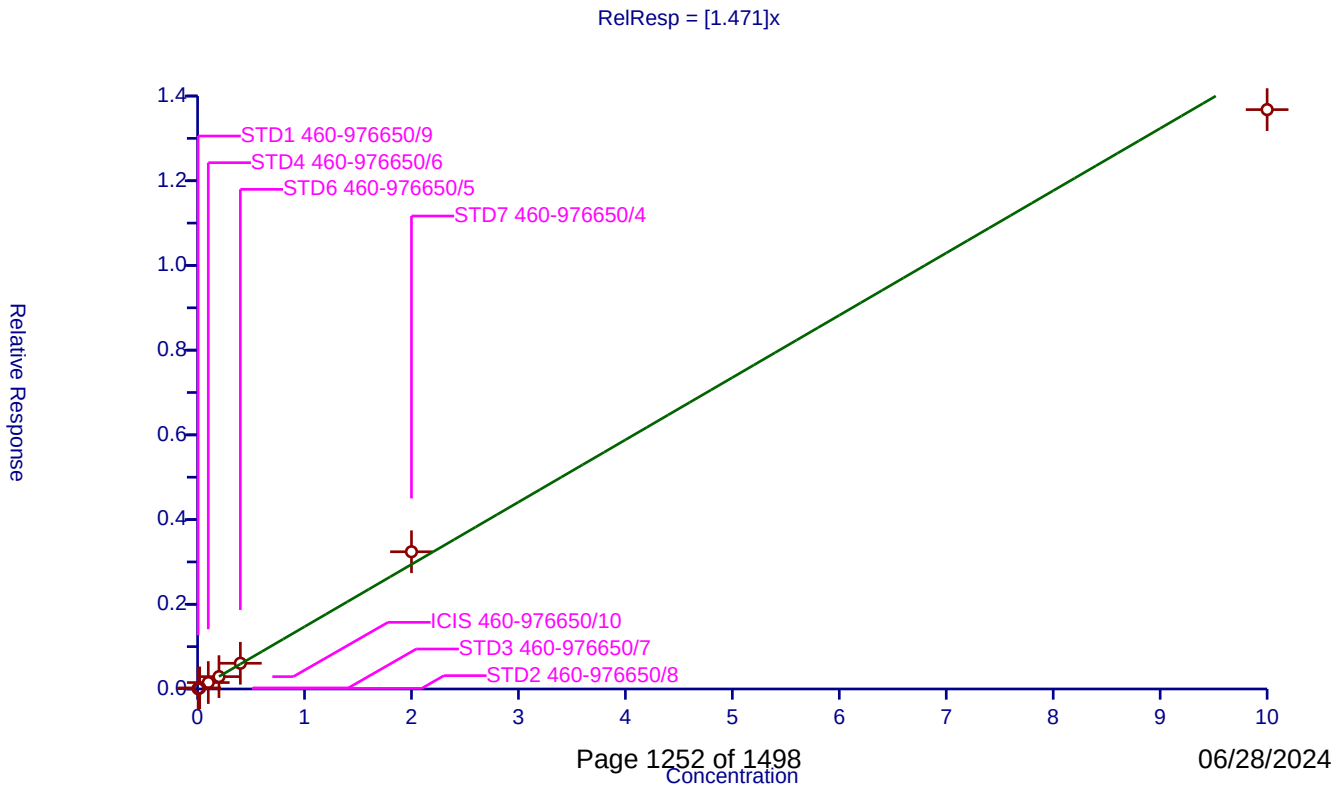
Curve Coefficients

Intercept:	0
Slope:	1.471

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.007997	0.2	11805.0	1.599322	Y
2	STD2 460-976650/8	0.01	0.013944	0.2	10901.0	1.394367	Y
3	STD3 460-976650/7	0.02	0.02573	0.2	15865.0	1.28648	Y
4	STD4 460-976650/6	0.1	0.151905	0.2	11523.0	1.519049	Y
5	ICIS 460-976650/10	0.2	0.291733	0.2	13718.0	1.458667	Y
6	STD6 460-976650/5	0.4	0.607498	0.2	14030.0	1.518746	Y
7	STD7 460-976650/4	2.0	3.24036	0.2	15545.0	1.62018	Y
8	STD8 460-976650/3	10.0	13.679016	0.2	21664.0	1.367902	Y



Calibration / Benzo[b]fluoranthene

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

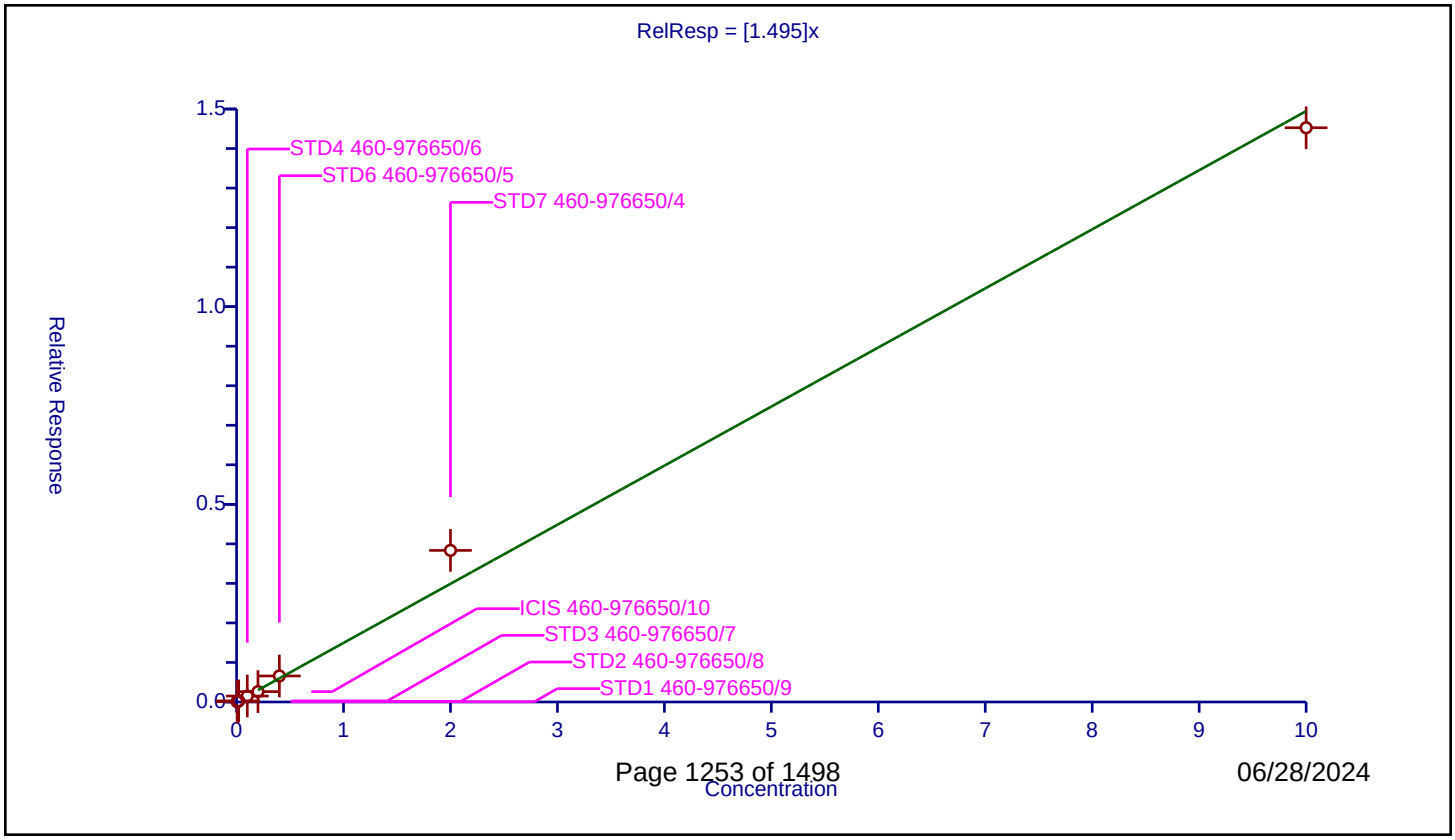
Curve Coefficients

Intercept:	0
Slope:	1.495

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.006961	0.2	10832.0	1.392171	Y
2	STD2 460-976650/8	0.01	0.013631	0.2	10080.0	1.363095	Y
3	STD3 460-976650/7	0.02	0.027238	0.2	14546.0	1.361886	Y
4	STD4 460-976650/6	0.1	0.150938	0.2	10607.0	1.509381	Y
5	ICIS 460-976650/10	0.2	0.262637	0.2	12657.0	1.313186	Y
6	STD6 460-976650/5	0.4	0.65877	0.2	12714.0	1.646925	Y
7	STD7 460-976650/4	2.0	3.834737	0.2	13323.0	1.917368	Y
8	STD8 460-976650/3	10.0	14.526695	0.2	19423.0	1.45267	Y



Calibration / Benzo[k]fluoranthene

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

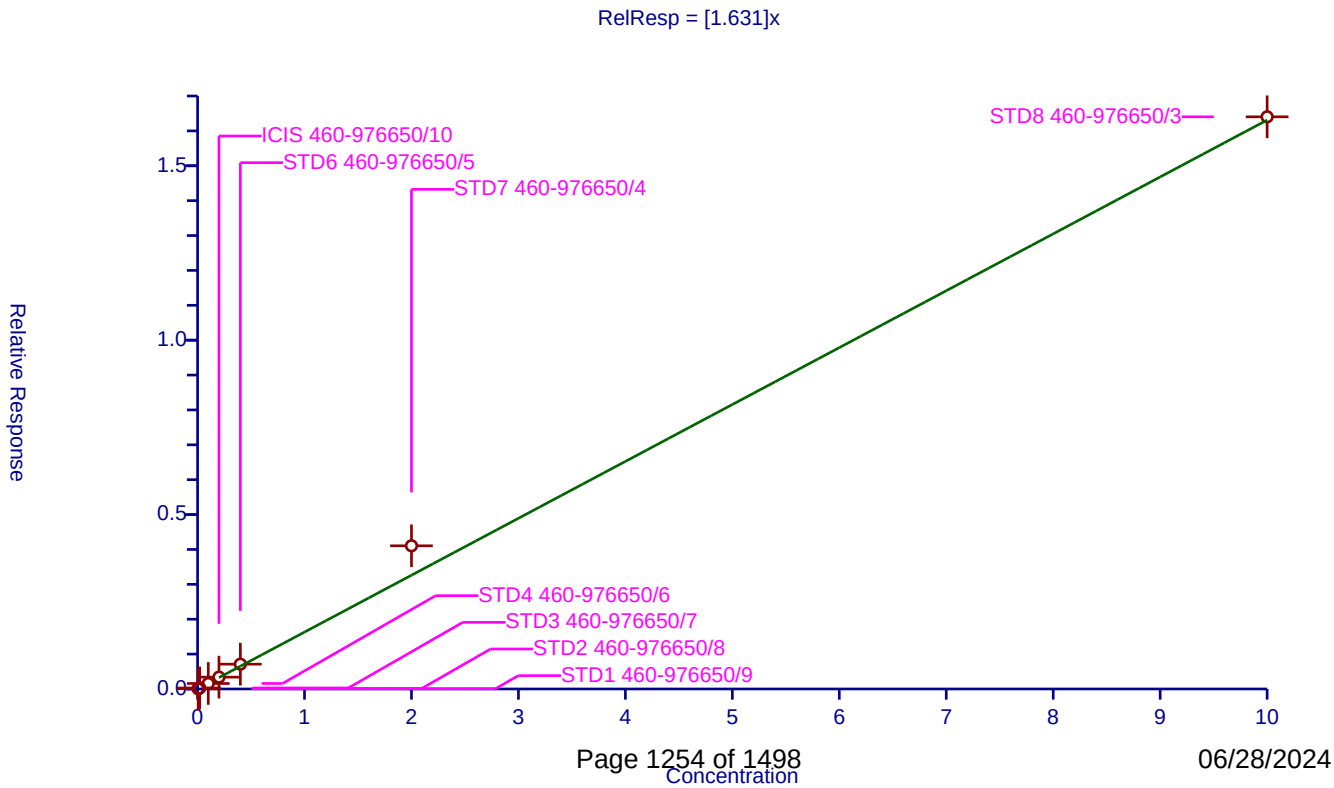
Curve Coefficients

Intercept:	0
Slope:	1.631

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.007367	0.2	10832.0	1.473412	Y
2	STD2 460-976650/8	0.01	0.013552	0.2	10080.0	1.355159	Y
3	STD3 460-976650/7	0.02	0.02941	0.2	14546.0	1.470507	Y
4	STD4 460-976650/6	0.1	0.157952	0.2	10607.0	1.579523	Y
5	ICIS 460-976650/10	0.2	0.339543	0.2	12657.0	1.697717	Y
6	STD6 460-976650/5	0.4	0.711672	0.2	12714.0	1.77918	Y
7	STD7 460-976650/4	2.0	4.105367	0.2	13323.0	2.052683	Y
8	STD8 460-976650/3	10.0	16.404047	0.2	19423.0	1.640405	Y



06/28/2024

Calibration / Benzo[a]pyrene

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

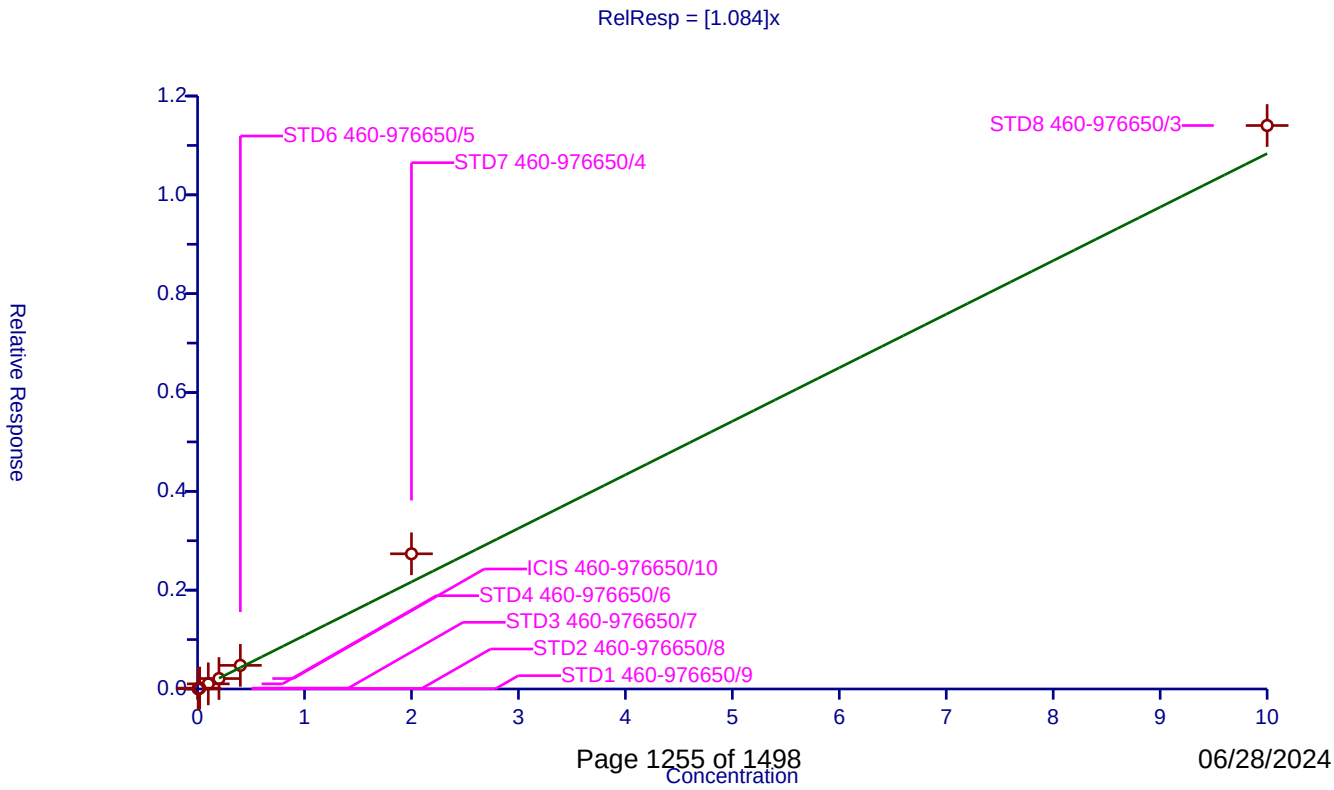
Curve Coefficients

Intercept:	0
Slope:	1.084

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.005078	0.2	10832.0	1.01551	Y
2	STD2 460-976650/8	0.01	0.009365	0.2	10080.0	0.936508	Y
3	STD3 460-976650/7	0.02	0.018342	0.2	14546.0	0.917091	Y
4	STD4 460-976650/6	0.1	0.104082	0.2	10607.0	1.040822	Y
5	ICIS 460-976650/10	0.2	0.211014	0.2	12657.0	1.055068	Y
6	STD6 460-976650/5	0.4	0.477961	0.2	12714.0	1.194903	Y
7	STD7 460-976650/4	2.0	2.735735	0.2	13323.0	1.367868	Y
8	STD8 460-976650/3	10.0	11.403388	0.2	19423.0	1.140339	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

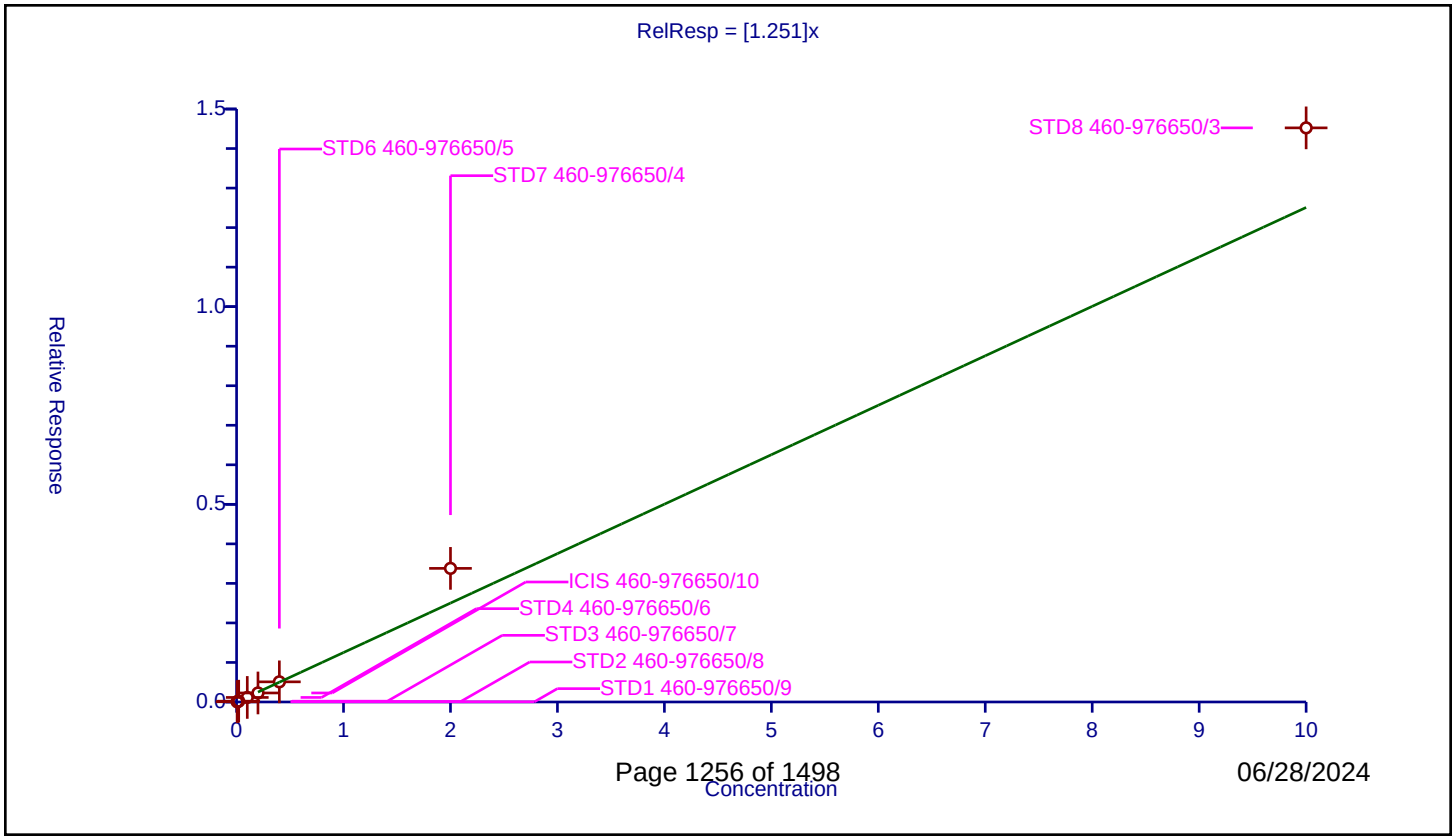
Curve Coefficients

Intercept:	0
Slope:	1.251

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.005927	0.2	10832.0	1.185377	Y
2	STD2 460-976650/8	0.01	0.010913	0.2	10080.0	1.09127	Y
3	STD3 460-976650/7	0.02	0.020487	0.2	14546.0	1.024337	Y
4	STD4 460-976650/6	0.1	0.114943	0.2	10607.0	1.14943	Y
5	ICIS 460-976650/10	0.2	0.228222	0.2	12657.0	1.141108	Y
6	STD6 460-976650/5	0.4	0.509596	0.2	12714.0	1.273989	Y
7	STD7 460-976650/4	2.0	3.379869	0.2	13323.0	1.689935	Y
8	STD8 460-976650/3	10.0	14.523101	0.2	19423.0	1.45231	Y



Calibration / Dibenz(a,h)anthracene

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

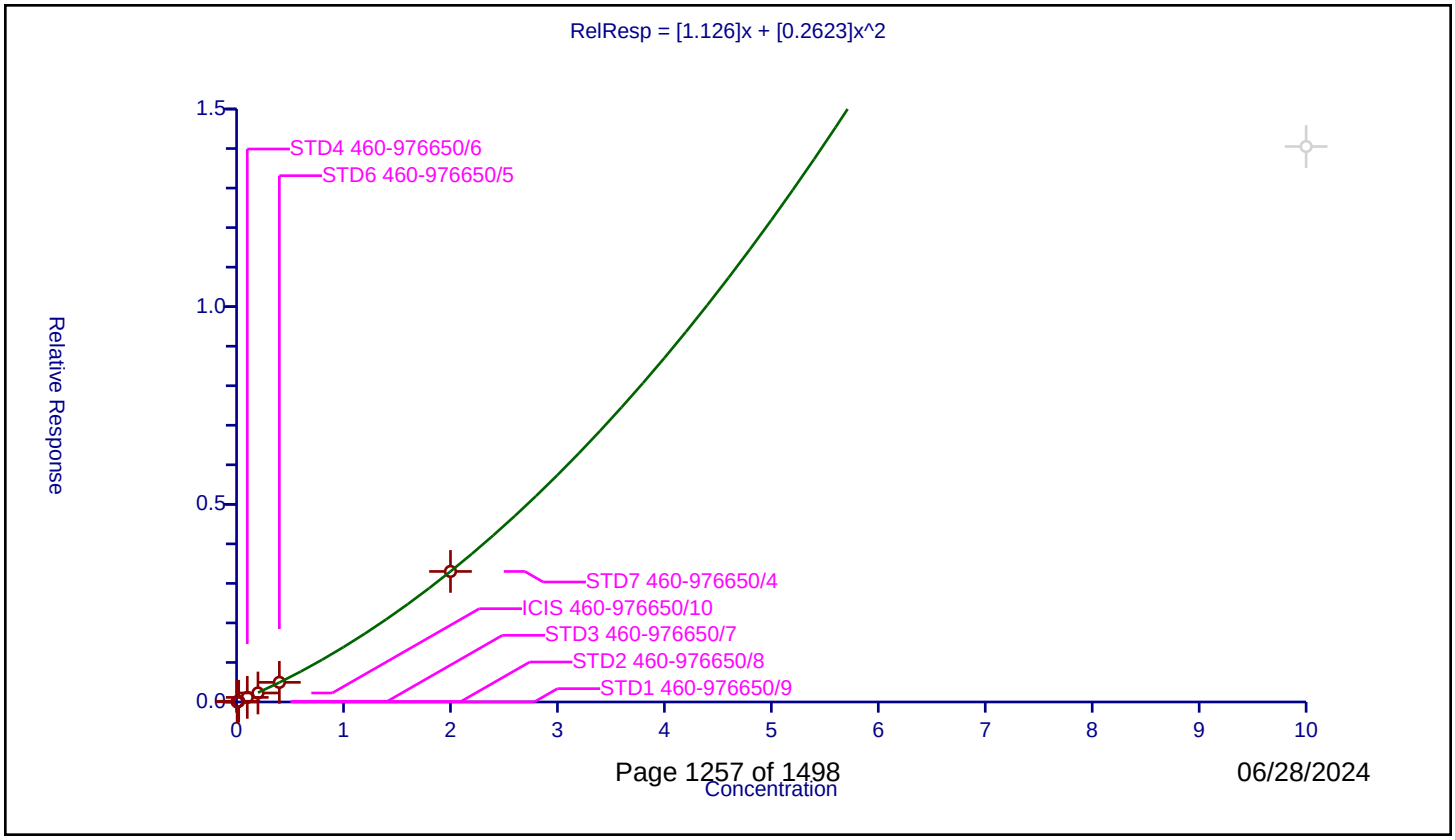
Curve Coefficients

Intercept:	0
Slope:	1.126
Second Order:	0.2623

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.004579	0.2	10832.0	0.915805	Y
2	STD2 460-976650/8	0.01	0.009702	0.2	10080.0	0.970238	Y
3	STD3 460-976650/7	0.02	0.018672	0.2	14546.0	0.93359	Y
4	STD4 460-976650/6	0.1	0.116301	0.2	10607.0	1.163006	Y
5	ICIS 460-976650/10	0.2	0.227668	0.2	12657.0	1.138342	Y
6	STD6 460-976650/5	0.4	0.497121	0.2	12714.0	1.242803	Y
7	STD7 460-976650/4	2.0	3.302079	0.2	13323.0	1.65104	Y
8	STD8 460-976650/3	10.0	14.051609	0.2	19423.0	1.405161	N



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

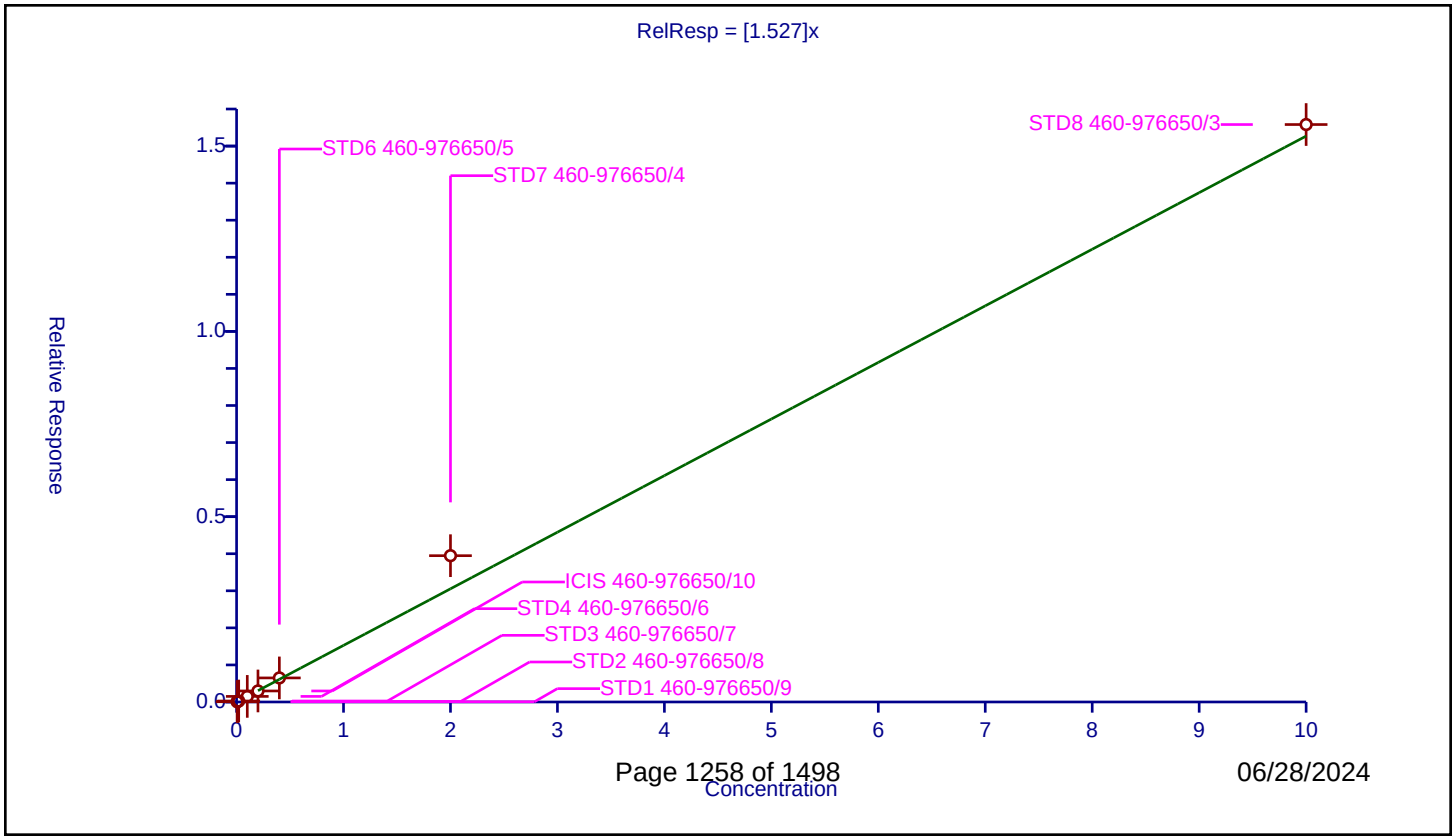
Curve Coefficients

Intercept:	0
Slope:	1.527

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976650/9	0.005	0.006795	0.2	10832.0	1.358936	Y
2	STD2 460-976650/8	0.01	0.014067	0.2	10080.0	1.406746	Y
3	STD3 460-976650/7	0.02	0.025987	0.2	14546.0	1.299326	Y
4	STD4 460-976650/6	0.1	0.150655	0.2	10607.0	1.506552	Y
5	ICIS 460-976650/10	0.2	0.297796	0.2	12657.0	1.488978	Y
6	STD6 460-976650/5	0.4	0.649316	0.2	12714.0	1.623289	Y
7	STD7 460-976650/4	2.0	3.947895	0.2	13323.0	1.973947	Y
8	STD8 460-976650/3	10.0	15.58094	0.2	19423.0	1.558094	Y



06/28/2024

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976250

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 12:42 Calibration End Date: 05/22/2024 17:01 Calibration ID: 97276

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976250/9	286701.D
Level 2	STD2 460-976250/8	286700.D
Level 3	STD3 460-976250/7	286699.D
Level 4	STD4 460-976250/6	286698.D
Level 5	ICIS 460-976250/10	286702.D
Level 6	STD6 460-976250/5	286697.D
Level 7	STD7 460-976250/4	286696.D
Level 8	STD8 460-976250/12	286707.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								
1,4-Dioxane	0.4743 0.4130	0.4316 0.4390	0.3913 0.3801	0.4322	0.3737	Ave		0.4169			0.0100	8.2		20.0			
N-Nitrosodimethylamine	0.2051 0.5507	0.3257 0.5673	0.4270 0.5410	0.4687	0.4475	Lin2	-0.007	0.5178			0.0100	8.8			0.9910		0.9900
Bis(2-chloroethyl)ether	0.6707 1.0633	0.7388 1.0933	0.8529 0.9389	1.0035	1.0065	Ave		0.9210			0.7000	16.7		20.0			
Naphthalene	1.3130 1.1753	1.2641 1.1667	1.1160 0.9638	1.1465	1.1468	Ave		1.1615			0.7000	8.9		20.0			
Acenaphthylene	1.9124 2.6240	1.7516 2.8878	1.8300 2.2136	2.1503	2.4347	Ave		2.2255			0.9000	18.0		20.0			
Acenaphthene	1.3994 1.6376	1.2451 1.7602	1.2501 1.3692	1.5067	1.5434	Ave		1.4640			0.9000	12.5		20.0			
Fluorene	1.4593 1.7047	1.1654 1.9792	1.1258 1.4391	1.3792	1.5910	Ave		1.4805			0.9000	18.9		20.0			
4,6-Dinitro-2-methylphenol	0.0832 0.1378	0.0780 0.1744	0.0737 +++++	0.0803	0.0987	QuaF		0.0919	0.0207339		0.0100	16.1			0.9990		0.9900
Hexachlorobenzene	0.6240 0.7575	0.7047 0.9181	0.6630 0.5287	0.7328	0.7577	Ave		0.7108			0.1000	16.0		20.0			
Pentachlorophenol	0.1597 0.3775	0.1981 0.5535	0.2347 +++++	0.2766	0.2942	QuaF		0.3050	0.0621348		0.0500	29.6			1.0000		0.9900
Phenanthrene	1.9086 1.7660	1.9322 1.7296	1.7332 1.8809	1.8557	1.7786	Ave		1.8231			0.7000	4.4		20.0			
Anthracene	1.3320 1.7497	1.2839 1.8133	1.3909 1.7713	1.6138	1.7156	Ave		1.5838			0.7000	13.6		20.0			
Fluoranthene	1.6350 1.8595	1.4239 2.0958	1.5115 1.6908	1.6476	1.7252	Ave		1.6987			0.6000	12.2		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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976250

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 12:42 Calibration End Date: 05/22/2024 17:01 Calibration ID: 97276

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								
Pyrene	2.0611 2.1865	2.0611 2.2108	1.9830 1.5042	2.2424	2.0844	Ave		2.0417			0.6000	11.5		20.0			
Benzo[a]anthracene	1.7244 1.5164	1.5671 1.6773	1.4967 1.3198	1.6245	1.5398	Ave		1.5583			0.8000	8.0		20.0			
Chrysene	1.9124 1.8520	1.6592 1.9430	1.5780 1.3029	1.7359	1.7717	Ave		1.7194			0.7000	12.1		20.0			
Benzo[b]fluoranthene	1.4813 1.8056	1.5757 2.0939	1.8046 1.7333	1.6667	1.6498	Ave		1.7263			0.7000	10.7		20.0			
Benzo[k]fluoranthene	2.0551 2.1557	1.9305 2.3851	1.7239 1.6332	2.1360	2.0402	Ave		2.0074			0.7000	12.1		20.0			
Benzo[a]pyrene	1.1971 1.2695	1.1474 1.4350	1.1261 1.2165	1.2257	1.1649	Ave		1.2228			0.7000	8.0		20.0			
Indeno[1,2,3-cd]pyrene	1.5968 1.8514	1.6362 2.3838	1.4809 1.6923	1.7538	1.6963	Lin1	-0.001	1.8066			0.5000	15.1					
Dibenz(a,h)anthracene	1.4318 1.8217	1.4072 2.3135	1.3244 1.6531	1.6863	1.6784	Lin1	-0.002	1.7633			0.4000	15.8					
Benzo[g,h,i]perylene	1.9414 2.1405	1.8083 2.6486	1.7122 1.8320	1.9343	1.9061	Ave		1.9904			0.5000	14.8		20.0			
Nitrobenzene-d5	0.3437 0.3594	0.3328 0.3484	0.3716 0.2903	0.3587	0.3311	Ave		0.3420			0.0100	7.3		20.0			
2-Fluorobiphenyl	2.1301 2.4620	2.1442 2.0884	2.3787 +++++	2.6316	2.4415	Ave		2.3252			0.0100	8.9		20.0			
2,4,6-Tribromophenol	0.3590 0.3887	0.3047 0.2908	0.3159 +++++	0.3488	0.3329	Ave		0.3344			0.0100	10.1		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.: 480-220956-1 Analy Batch No.: 976250

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 12:42 Calibration End Date: 05/22/2024 17:01 Calibration ID: 97276

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976250/9	286701.D
Level 2	STD2 460-976250/8	286700.D
Level 3	STD3 460-976250/7	286699.D
Level 4	STD4 460-976250/6	286698.D
Level 5	ICIS 460-976250/10	286702.D
Level 6	STD6 460-976250/5	286697.D
Level 7	STD7 460-976250/4	286696.D
Level 8	STD8 460-976250/12	286707.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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCBd4	Ave	1096 88279	5012 174266	10680 869484	19696	30700	0.0200 2.00	0.100 4.00	0.200 20.0	0.400	0.800
N-Nitrosodimethylamine	DCBd4	Lin2	474 58855	1891 112592	5828 618746	10679	18384	0.0200 1.00	0.0500 2.00	0.100 10.0	0.200	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	155 113646	429 216976	2328 1073768	22863	41347	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Naphthalene	NPT	Ave	2034 135681	3860 639678	7896 3136294	34714	63883	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthylene	ANT	Ave	1342 135649	2286 673979	5920 3299444	26637	59693	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Acenaphthene	ANT	Ave	982 84659	1625 410823	4044 2040804	18664	37841	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluorene	ANT	Ave	1024 88127	1521 461928	3642 2145117	17085	39008	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	QuaF	611 43915	1175 98096	2881 +++++	5099	12609	0.0400 2.00	0.100 4.00	0.200 +++++	0.400	0.800
Hexachlorobenzene	PHN	Ave	229 120687	531 258236	2590 1029266	23271	48400	0.00200 1.00	0.00500 2.00	0.0200 10.0	0.200	0.400
Pentachlorophenol	PHN	QuaF	586 60145	1493 311327	4585 +++++	8784	18792	0.0200 1.00	0.0500 4.00	0.100 +++++	0.200	0.400
Phenanthrene	PHN	Ave	1751 112543	2912 486470	6771 3661673	29465	56805	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Anthracene	PHN	Ave	1222 111500	1935 510015	5434 3448320	25624	54792	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Fluoranthene	PHN	Ave	1500 118500	2146 589466	5905 3291594	26160	55098	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Pyrene	CRY	Ave	1469 120311	2349 610495	6170 3234736	26658	55813	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]anthracene	CRY	Ave	1229 83439	1786 463181	4657 2838211	19312	41231	0.00500 0.400	0.0100 2.00	0.0200 10.0	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.: 480-220956-1 Analy Batch No.: 976250

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 12:42 Calibration End Date: 05/22/2024 17:01 Calibration ID: 97276

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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
Chrysene	CRY	Ave	1363 101902	1891 536536	4910 2801942	20636	47438	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[b]fluoranthene	PRY	Ave	808 80275	1328 460125	4314 3252173	15515	33071	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	1121 95841	1627 524124	4121 3064322	19884	40897	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[a]pyrene	PRY	Ave	653 56442	967 315342	2692 2282553	11410	23352	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Lin1	871 82314	1379 523831	3540 3175202	16326	34004	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Dibenz(a,h)anthracene	PRY	Lin1	781 80992	1186 508395	3166 3101734	15698	33646	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	1059 95167	1524 582027	4093 3437320	18006	38210	0.00500 0.400	0.0100 2.00	0.0200 10.0	0.100	0.200
Nitrobenzene-d5	NPT	Ave	10649 518571	20323 1909987	52588 3778430	86889	92210	0.100 5.00	0.200 20.0	0.400 40.0	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	29895 1590915	55968 4874107	153900 +++++	260788	299308	0.100 5.00	0.200 20.0	0.400 +++++	0.800	1.00
2,4,6-Tribromophenol	ANT	Ave	5039 251189	7952 678624	20441 +++++	34571	40810	0.100 5.00	0.200 20.0	0.400 +++++	0.800	1.00

Curve Type Legend:
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

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

Lab Name: Eurofins Edison Job No.: 480-220956-1 Analy Batch No.: 976250

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/22/2024 12:42 Calibration End Date: 05/22/2024 17:01 Calibration ID: 97276

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-976250/9	286701.D
Level 2	STD2 460-976250/8	286700.D
Level 3	STD3 460-976250/7	286699.D
Level 4	STD4 460-976250/6	286698.D
Level 5	ICIS 460-976250/10	286702.D
Level 6	STD6 460-976250/5	286697.D
Level 7	STD7 460-976250/4	286696.D
Level 8	STD8 460-976250/12	286707.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
N-Nitrosodimethylamine	5.7						30					
Indeno[1,2,3-cd]pyrene	-0.7						30					
Dibenz(a,h)anthracene	5.5						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286696.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-May-2024 12:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-004
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:28 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 23-May-2024 05:58:50

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	1.148	1.165	-0.017	91	174266	4.00	4.21	
2 N-Nitrosodimethylamine	74	1.350	1.374	-0.024	81	112592	2.00	2.20	
3 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	90	216976	2.00	2.37	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	97	19846	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.117	4.117	0.000	100	1909987	20.0	20.4	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	54829	0.2000	0.2000	
8 Naphthalene	128	4.833	4.834	-0.001	100	639678	2.00	2.01	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	97	4874107	20.0	18.0	
10 Acenaphthylene	152	6.336	6.336	0.000	100	673979	2.00	2.60	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	71	23339	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	93	410823	2.00	2.40	
13 Fluorene	166	6.993	6.993	0.000	89	461928	2.00	2.67	
14 4,6-Dinitro-2-methylphenol	198	7.070	7.070	0.000	94	98096	4.00	3.99	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	80	678624	20.0	17.4	
15 Hexachlorobenzene	284	7.513	7.513	0.000	100	258236	2.00	2.58	
16 Pentachlorophenol	266	7.712	7.712	0.000	98	311327	4.00	4.00	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	97	28126	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	93	486470	2.00	1.90	
19 Anthracene	178	7.941	7.941	0.000	98	510015	2.00	2.29	
21 Fluoranthene	202	9.006	9.006	0.000	94	589466	2.00	2.47	
22 Pyrene	202	9.210	9.210	0.000	97	610495	2.00	2.17	
$ 23 Terphenyl-d14	244	9.402	9.403	-0.001	94	2288628	20.0	18.4	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	97	463181	2.00	2.15	
* 25 Chrysene-d12	240	10.364	10.364	0.000	29	27614	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	1	536536	2.00	2.26	
27 Benzo[b]fluoranthene	252	11.493	11.494	-0.001	100	460125	2.00	2.43	
28 Benzo[k]fluoranthene	252	11.518	11.530	-0.012	1	524124	2.00	2.38	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	100	315342	2.00	2.35	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	21975	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.248	13.248	0.000	89	523831	2.00	2.64	
32 Dibenz(a,h)anthracene	278	13.296	13.296	0.000	94	508395	2.00	2.63	M

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	13.572	13.573	-0.001	77	582027	2.00	2.66	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL7_00003 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:29 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286696.D

Injection Date: 22-May-2024 12:42:30 Instrument ID: CBNAMS9

Lims ID: STD7

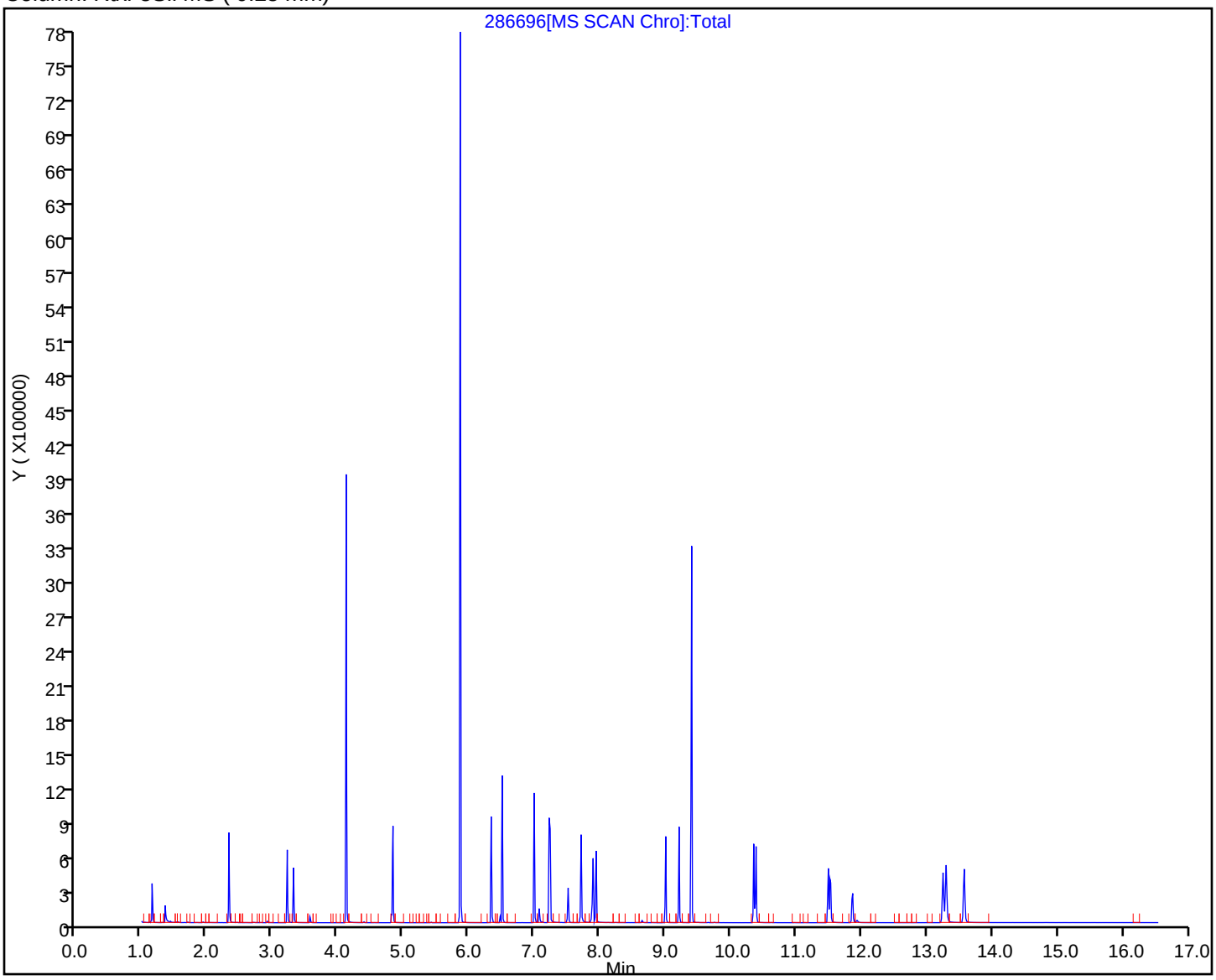
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

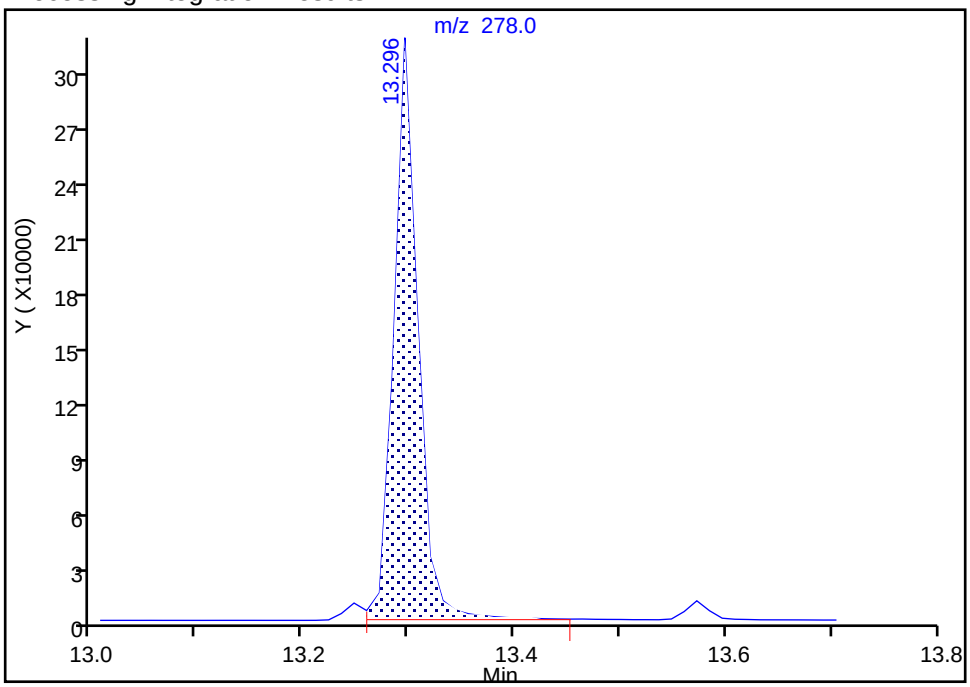
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286696.D				
Injection Date:	22-May-2024 12:42:30	Instrument ID:	CBNAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

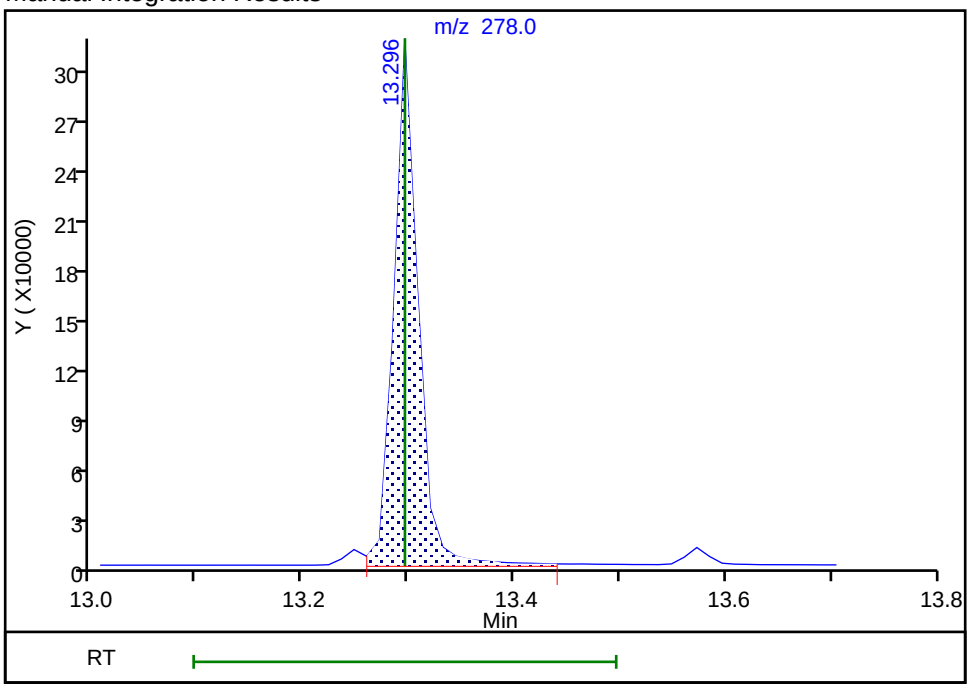
Processing Integration Results

RT: 13.30
Area: 503553
Amount: 2.739232
Amount Units: ug/ml



Manual Integration Results

RT: 13.30
Area: 508395
Amount: 2.625244
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 05:58:46 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286697.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-May-2024 13:03:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-005
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:29 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 22-May-2024 13:28:23

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	1.156	1.165	-0.009	88	88279	2.00	1.98	
2 N-Nitrosodimethylamine	74	1.358	1.374	-0.016	82	58855	1.00	1.08	
3 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	89	113646	1.00	1.15	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	98	21376	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.117	4.117	0.000	99	518571	5.00	5.25	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	57722	0.2000	0.2000	
8 Naphthalene	128	4.833	4.834	-0.001	100	135681	0.4000	0.4047	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	95	1590915	5.00	5.29	
10 Acenaphthylene	152	6.336	6.336	0.000	100	135649	0.4000	0.4716	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	72	25848	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	91	84659	0.4000	0.4475	
13 Fluorene	166	6.993	6.993	0.000	86	88127	0.4000	0.4606	
14 4,6-Dinitro-2-methylphenol	198	7.070	7.070	0.000	89	43915	2.00	2.05	
$ 20 2,4,6-Tribromophenol	330	7.222	7.238	-0.016	98	251189	5.00	5.81	
15 Hexachlorobenzene	284	7.513	7.513	0.000	100	120687	1.00	1.07	
16 Pentachlorophenol	266	7.712	7.712	0.000	96	60145	1.00	1.02	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	97	31863	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	93	112543	0.4000	0.3875	
19 Anthracene	178	7.941	7.941	0.000	99	111500	0.4000	0.4419	
21 Fluoranthene	202	9.006	9.006	0.000	95	118500	0.4000	0.4379	
22 Pyrene	202	9.210	9.210	0.000	98	120311	0.4000	0.4284	
$ 23 Terphenyl-d14	244	9.402	9.403	-0.001	93	629032	5.00	5.07	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	99	83439	0.4000	0.3893	
* 25 Chrysene-d12	240	10.364	10.364	0.000	86	27512	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	1	101902	0.4000	0.4308	
27 Benzo[b]fluoranthene	252	11.493	11.494	-0.001	100	80275	0.4000	0.4184	
28 Benzo[k]fluoranthene	252	11.517	11.530	-0.013	1	95841	0.4000	0.4295	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	99	56442	0.4000	0.4153	
* 30 Perylene-d12	264	11.938	11.938	0.000	100	22230	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.248	13.248	0.000	88	82314	0.4000	0.4105	
32 Dibenz(a,h)anthracene	278	13.296	13.296	0.000	93	80992	0.4000	0.4145	M

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	13.572	13.573	-0.001	78	95167	0.4000	0.4302	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL6_00020 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:30 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286697.D

Injection Date: 22-May-2024 13:03:30 Instrument ID: CBNAMS9

Lims ID: STD6

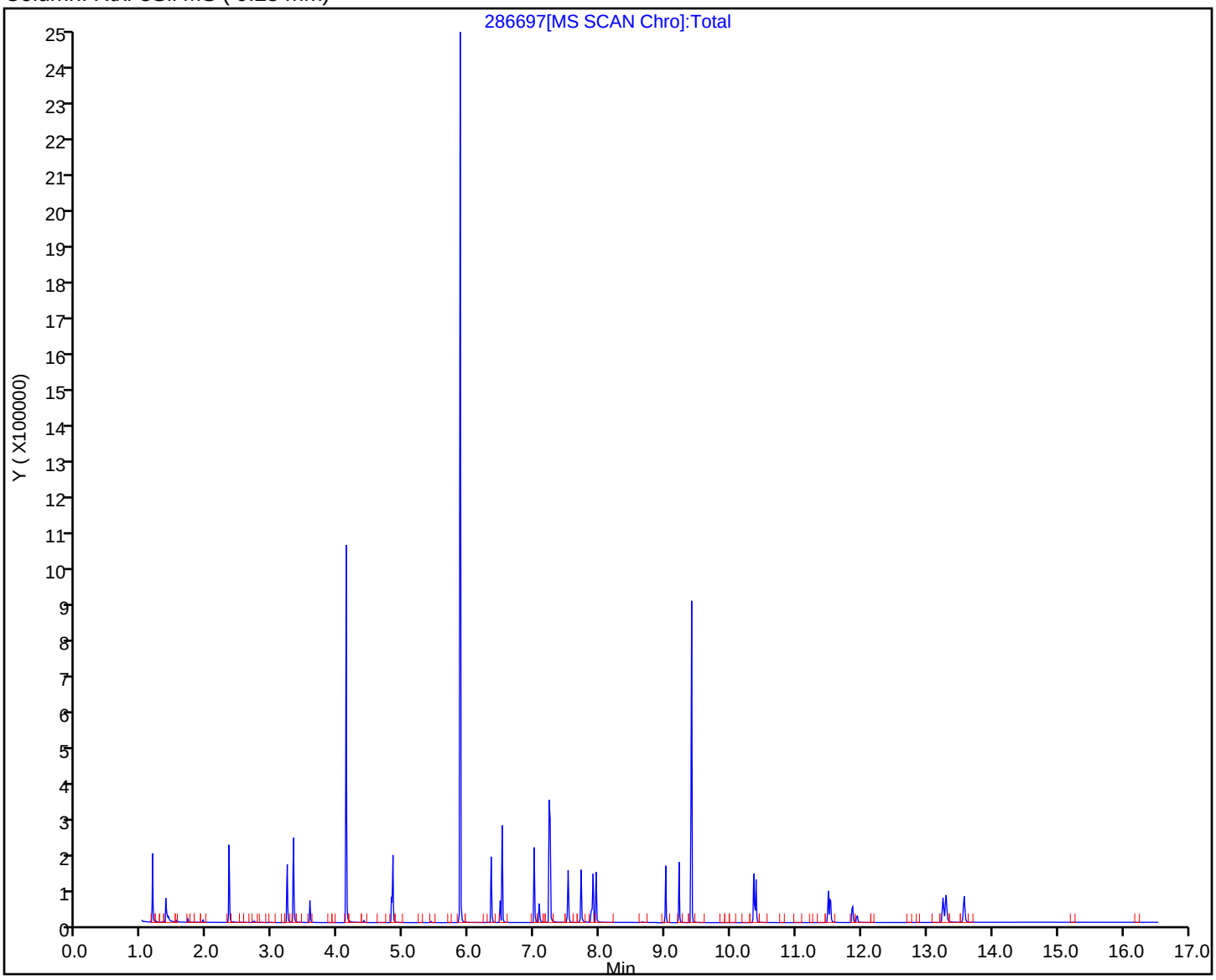
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

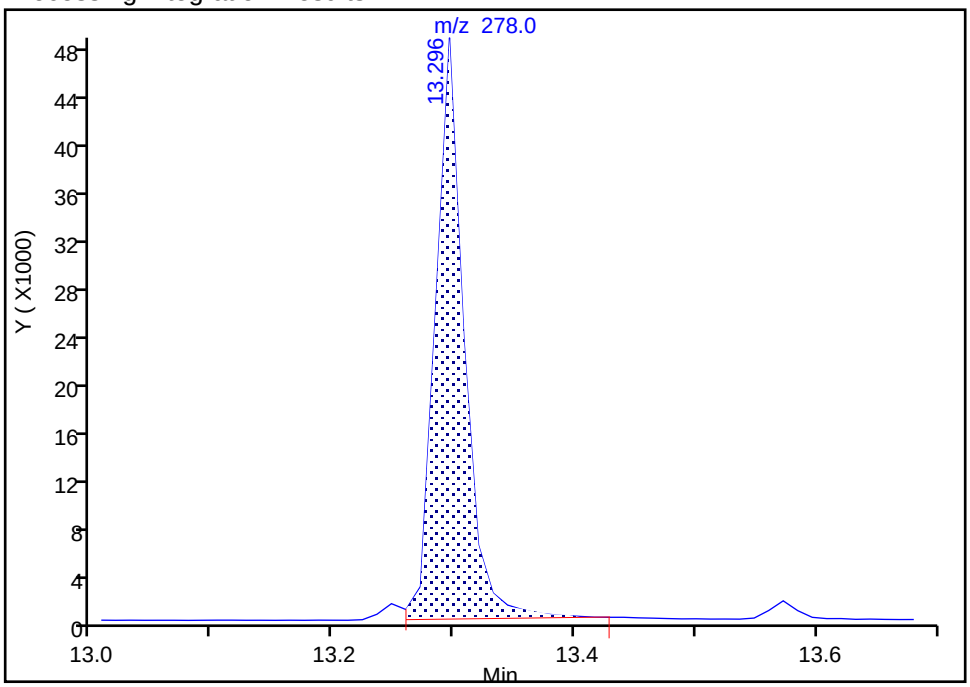
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286697.D				
Injection Date:	22-May-2024 13:03:30	Instrument ID:	CBNAMS9		
Lims ID:	STD6				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

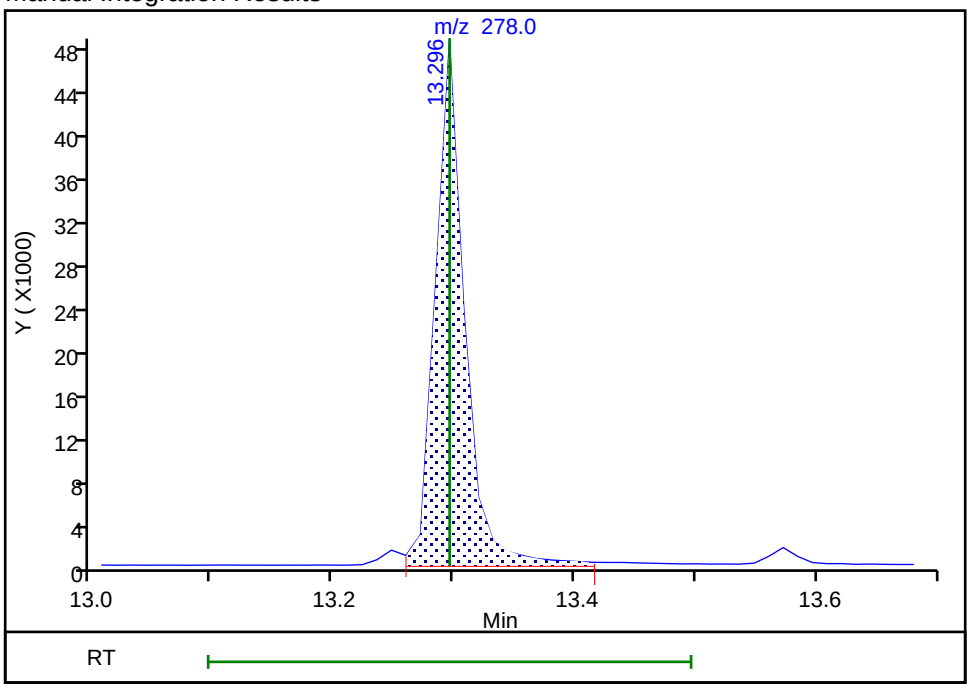
Processing Integration Results

RT: 13.30
Area: 79491
Amount: 0.426753
Amount Units: ug/ml



Manual Integration Results

RT: 13.30
Area: 80992
Amount: 0.414454
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 05:59:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286698.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2024 13:24:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-006
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:31 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 22-May-2024 13:54:02

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	1.165	1.165	0.000	92	19696	0.4000	0.4147	M
2 N-Nitrosodimethylamine	74	1.390	1.374	0.016	92	10679	0.2000	0.1942	
3 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	96	22863	0.2000	0.2179	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	99	22784	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.118	4.117	0.001	96	86889	0.8000	0.8391	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	60559	0.2000	0.2000	
8 Naphthalene	128	4.834	4.834	0.000	100	34714	0.1000	0.0987	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	96	260788	0.8000	0.9054	
10 Acenaphthylene	152	6.336	6.336	0.000	99	26637	0.1000	0.0966	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	71	24775	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	89	18664	0.1000	0.1029	
13 Fluorene	166	6.993	6.993	0.000	86	17085	0.1000	0.0932	
14 4,6-Dinitro-2-methylphenol	198	7.085	7.070	0.015	79	5099	0.4000	0.3255	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	85	34571	0.8000	0.8345	
15 Hexachlorobenzene	284	7.513	7.513	0.000	99	23271	0.2000	0.2062	
16 Pentachlorophenol	266	7.712	7.712	0.000	93	8784	0.2000	0.1751	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	97	31756	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	94	29465	0.1000	0.1018	
19 Anthracene	178	7.941	7.941	0.000	100	25624	0.1000	0.1019	
21 Fluoranthene	202	9.006	9.006	0.000	96	26160	0.1000	0.0970	
22 Pyrene	202	9.210	9.210	0.000	98	26658	0.1000	0.1098	
$ 23 Terphenyl-d14	244	9.403	9.403	0.000	93	88980	0.8000	0.8292	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	96	19312	0.1000	0.1043	
* 25 Chrysene-d12	240	10.364	10.364	0.000	95	23776	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	99	20636	0.1000	0.1010	
27 Benzo[b]fluoranthene	252	11.494	11.494	0.000	100	15515	0.1000	0.0965	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	1	19884	0.1000	0.1064	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	99	11410	0.1000	0.1002	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	18618	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.248	13.248	0.000	92	16326	0.1000	0.0976	
32 Dibenz(a,h)anthracene	278	13.296	13.296	0.000	95	15698	0.1000	0.0969	M

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	13.573	13.573	0.000	77	18006	0.1000	0.0972	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL4_00018 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:31 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286698.D

Injection Date: 22-May-2024 13:24:30 Instrument ID: CBNAMS9

Lims ID: STD4

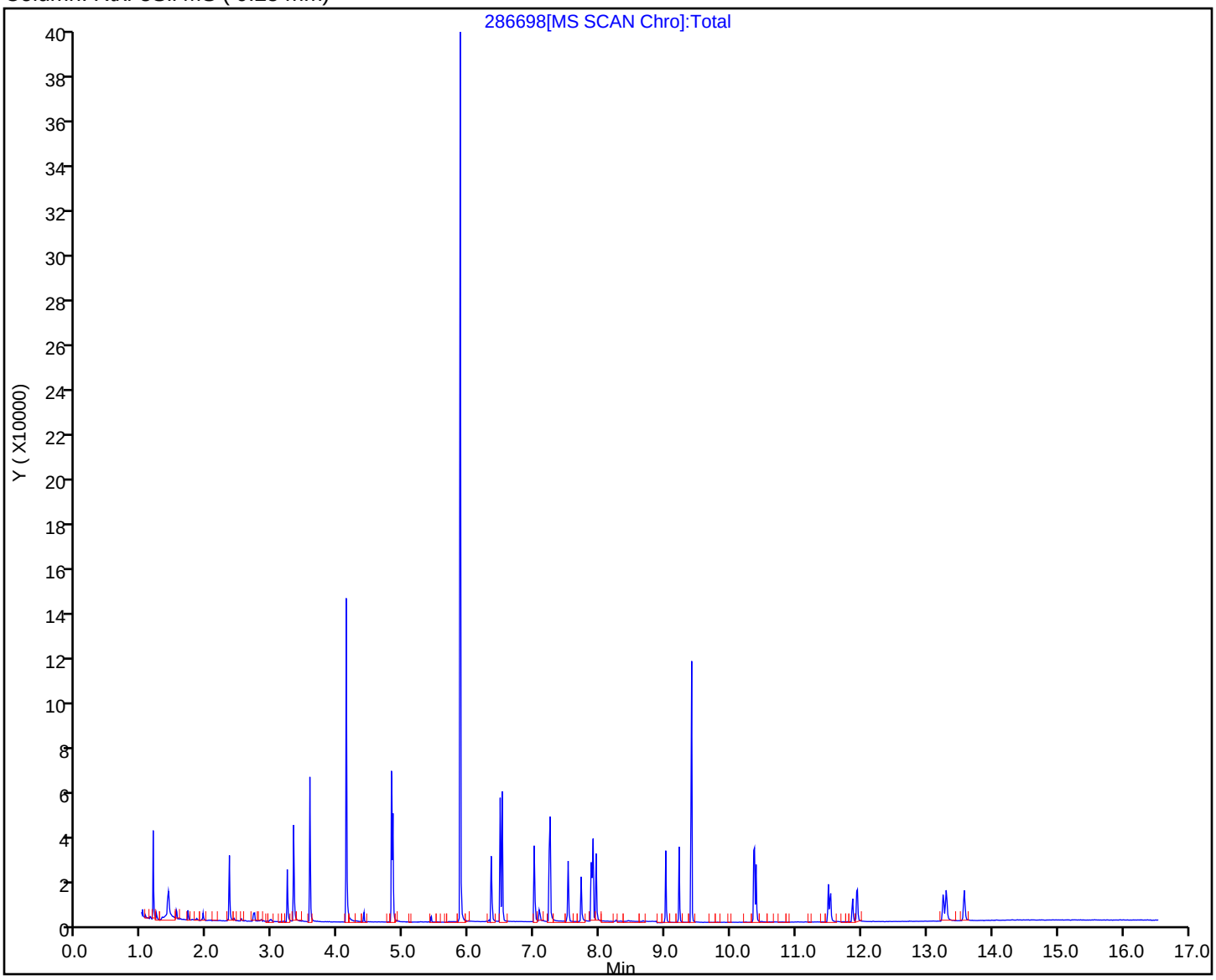
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

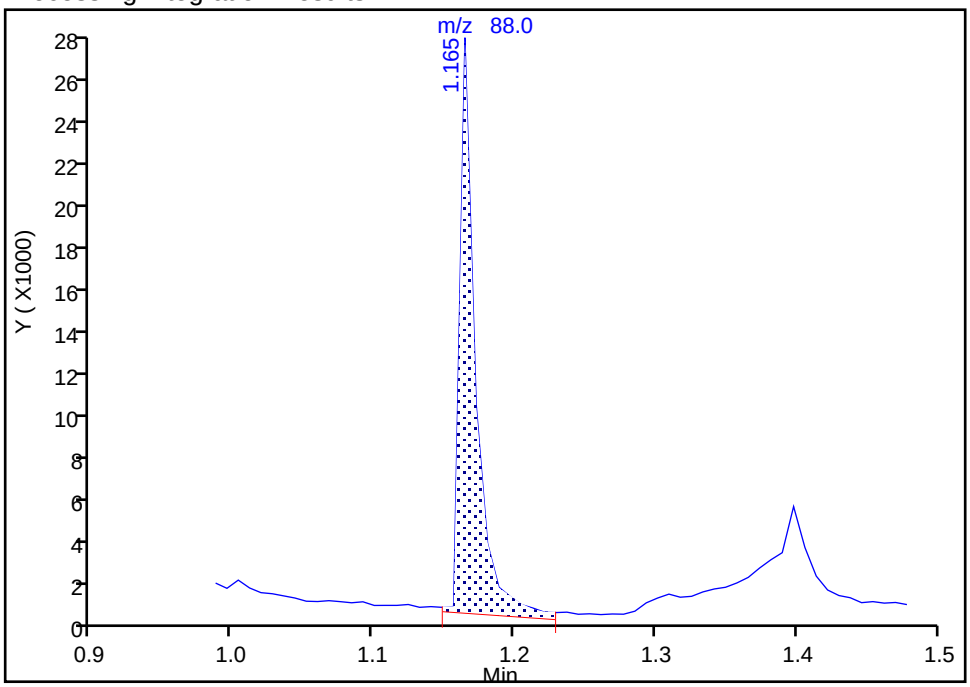
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286698.D				
Injection Date:	22-May-2024 13:24:30	Instrument ID:	CBNAMS9		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

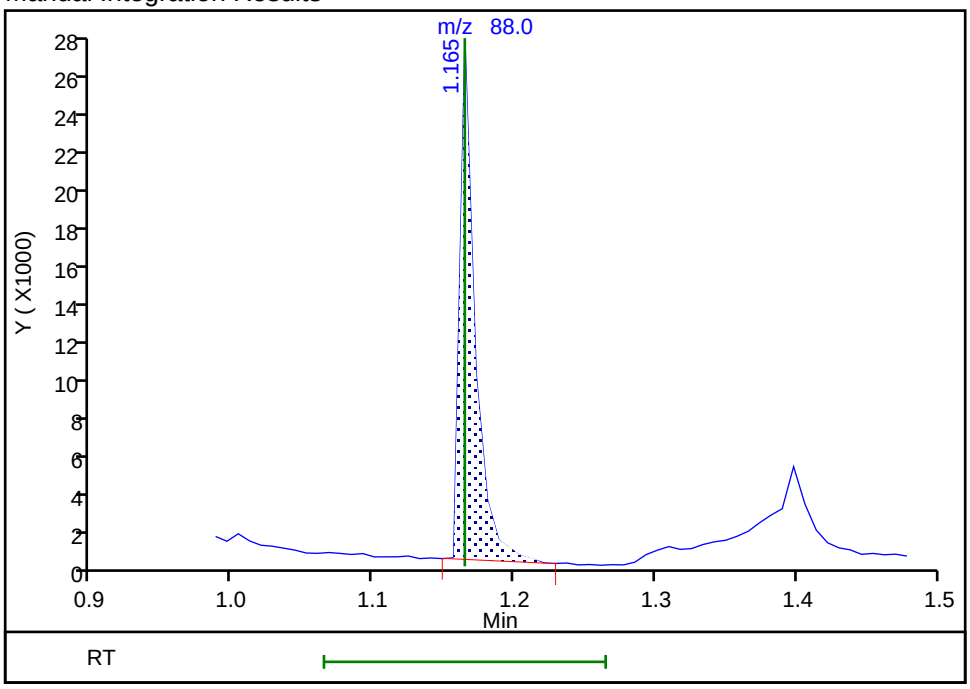
Processing Integration Results

RT: 1.16
Area: 21324
Amount: 0.432622
Amount Units: ug/ml



Manual Integration Results

RT: 1.16
Area: 19696
Amount: 0.414716
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:59:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

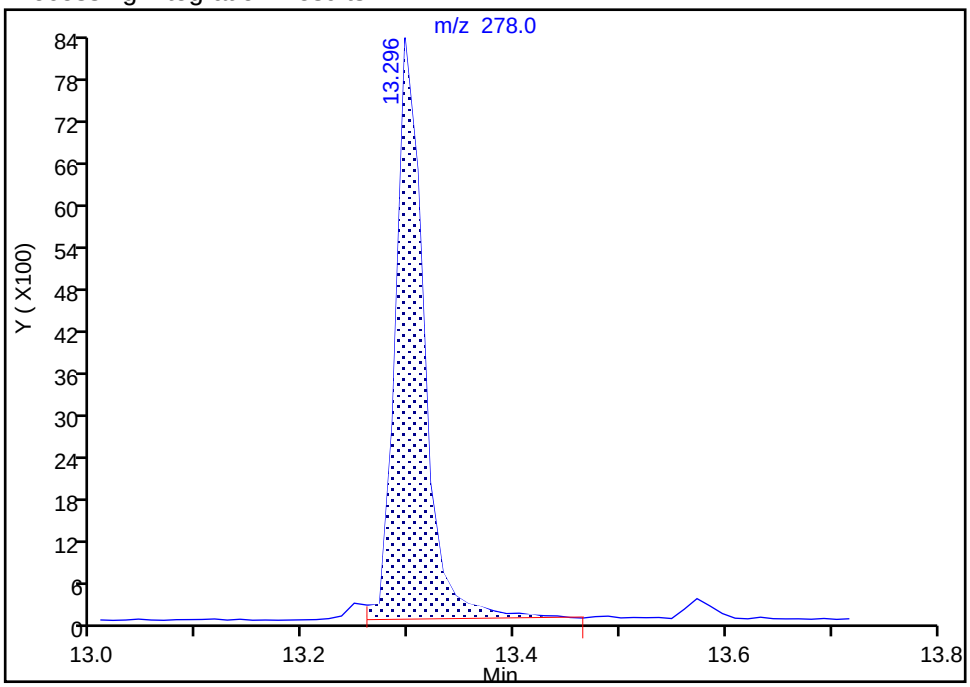
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286698.D				
Injection Date:	22-May-2024 13:24:30	Instrument ID:	CBNAMS9		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

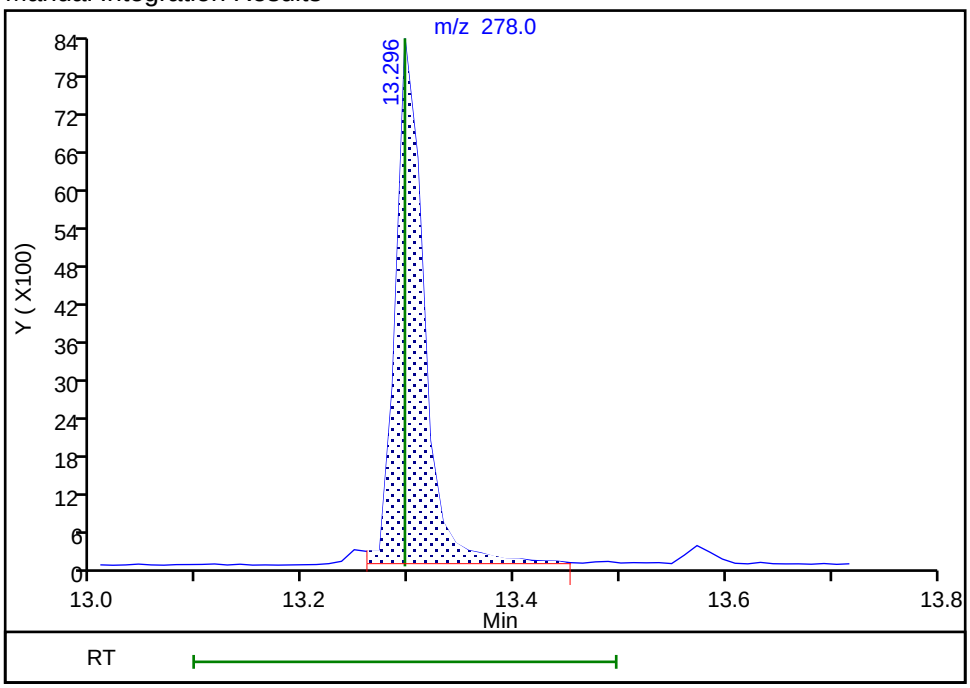
Processing Integration Results

RT: 13.30
Area: 15534
Amount: 0.099324
Amount Units: ug/ml



Manual Integration Results

RT: 13.30
Area: 15698
Amount: 0.096850
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 05:59:46 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286699.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-May-2024 13:45:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-007
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:32 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 22-May-2024 14:03:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.173	1.165	0.008	91	10680	0.2000	0.1877	M
2 N-Nitrosodimethylamine	74	1.406	1.374	0.032	63	5828	0.1000	0.0957	
3 Bis(2-chloroethyl)ether	93	3.329	3.313	0.016	89	2328	0.0200	0.0185	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	98	27296	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.118	4.117	0.001	92	52588	0.4000	0.4347	
* 7 Naphthalene-d8	136	4.817	4.809	0.008	98	70750	0.2000	0.2000	
8 Naphthalene	128	4.834	4.834	0.000	100	7896	0.0200	0.0192	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	96	153900	0.4000	0.4092	
10 Acenaphthylene	152	6.336	6.336	0.000	99	5920	0.0200	0.0164	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	70	32350	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	87	4044	0.0200	0.0171	
13 Fluorene	166	7.009	6.993	0.016	92	3642	0.0200	0.0152	
14 4,6-Dinitro-2-methylphenol	198	7.085	7.070	0.015	80	2881	0.2000	0.1551	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	85	20441	0.4000	0.3779	
15 Hexachlorobenzene	284	7.513	7.513	0.000	99	2590	0.0200	0.0187	
16 Pentachlorophenol	266	7.712	7.712	0.000	93	4585	0.1000	0.0758	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	95	39067	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	93	6771	0.0200	0.0190	
19 Anthracene	178	7.941	7.941	0.000	100	5434	0.0200	0.0176	
21 Fluoranthene	202	9.006	9.006	0.000	97	5905	0.0200	0.0178	
22 Pyrene	202	9.210	9.210	0.000	100	6170	0.0200	0.0194	
$ 23 Terphenyl-d14	244	9.403	9.403	0.000	94	57818	0.4000	0.4117	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	67	4657	0.0200	0.0192	
* 25 Chrysene-d12	240	10.364	10.364	0.000	93	31115	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	99	4910	0.0200	0.0184	
27 Benzo[b]fluoranthene	252	11.494	11.494	0.000	100	4314	0.0200	0.0209	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	88	4121	0.0200	0.0172	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	100	2692	0.0200	0.0184	
* 30 Perylene-d12	264	11.926	11.938	-0.012	98	23905	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.260	13.248	0.012	86	3540	0.0200	0.0169	
32 Dibenz(a,h)anthracene	278	13.308	13.296	0.012	92	3166	0.0200	0.0162	M

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	13.573	13.573	0.000	81	4093	0.0200	0.0172	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL3_00022 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:32 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286699.D

Injection Date: 22-May-2024 13:45:30 Instrument ID: CBNAMS9

Lims ID: STD3

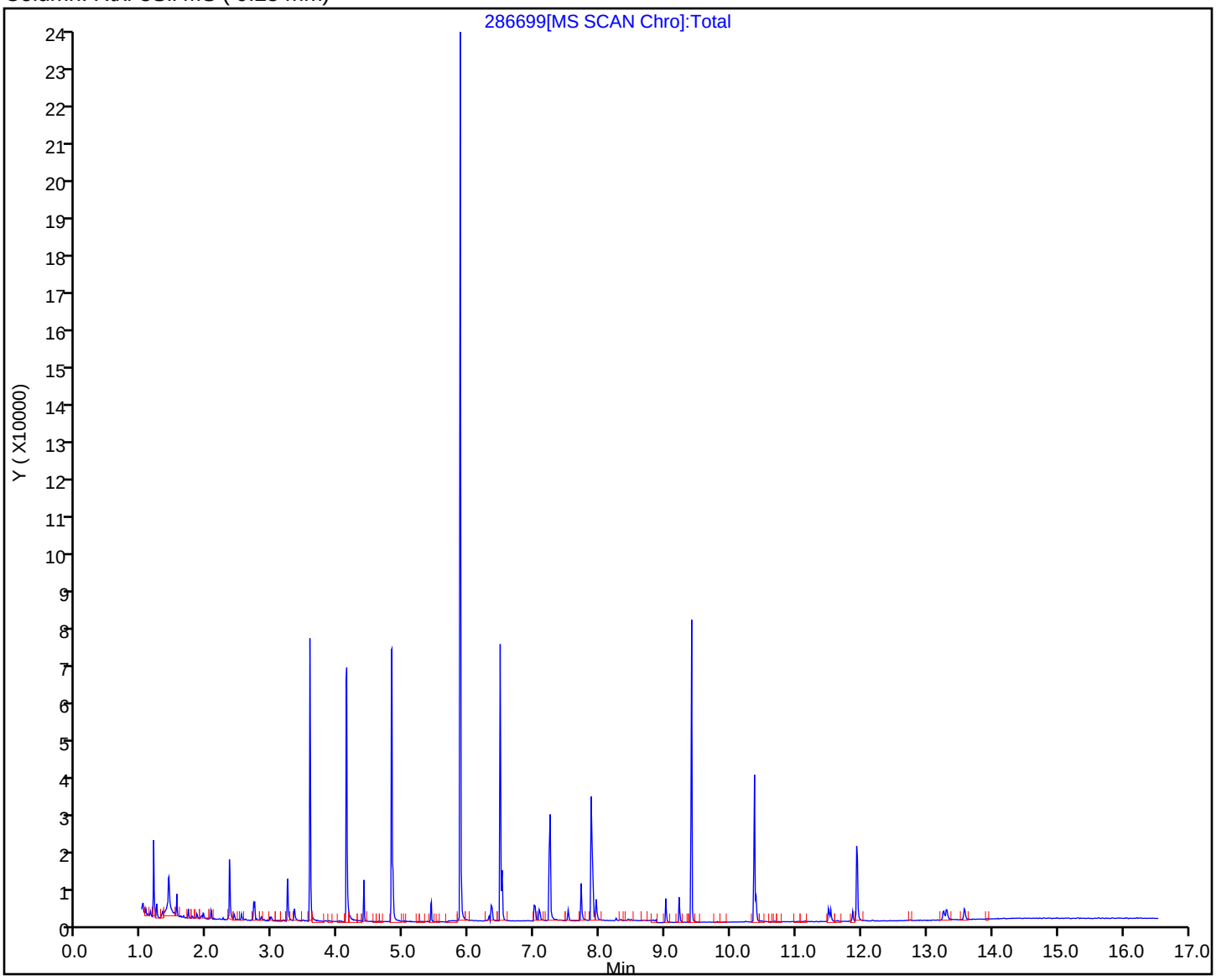
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

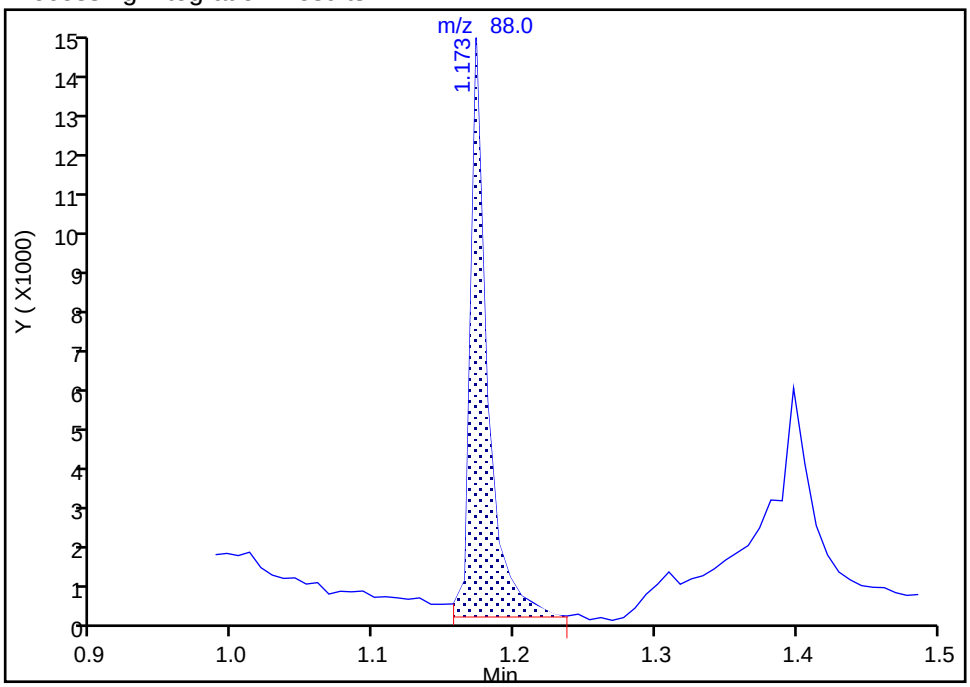
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286699.D				
Injection Date:	22-May-2024 13:45:30	Instrument ID:	CBNAMS9		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

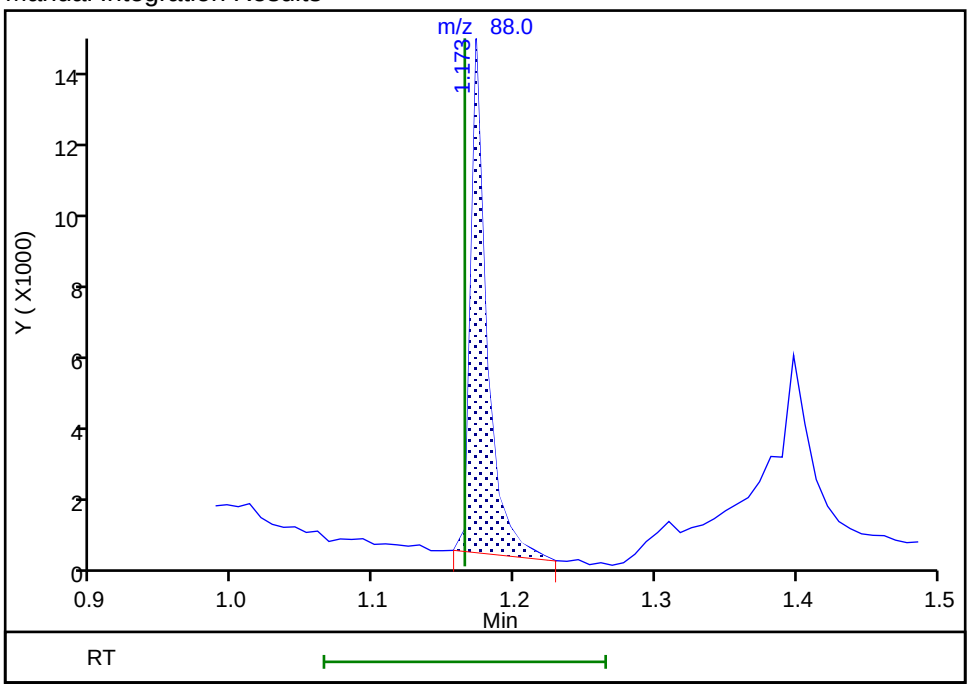
Processing Integration Results

RT: 1.17
Area: 11352
Amount: 0.195468
Amount Units: ug/ml



Manual Integration Results

RT: 1.17
Area: 10680
Amount: 0.187705
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:59:24 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

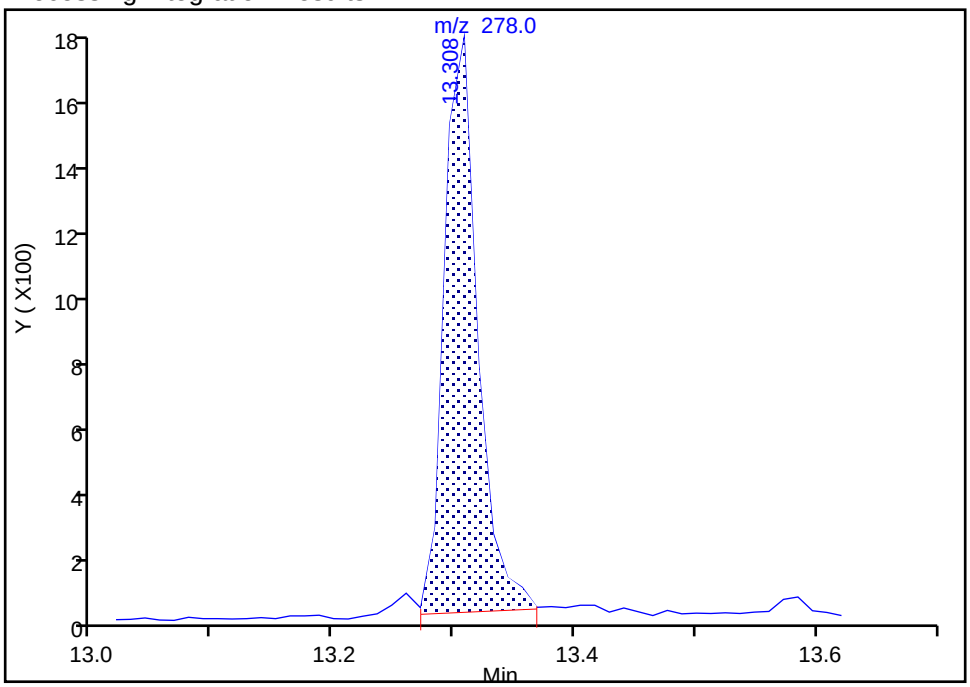
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286699.D				
Injection Date:	22-May-2024 13:45:30	Instrument ID:	CBNAMS9		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

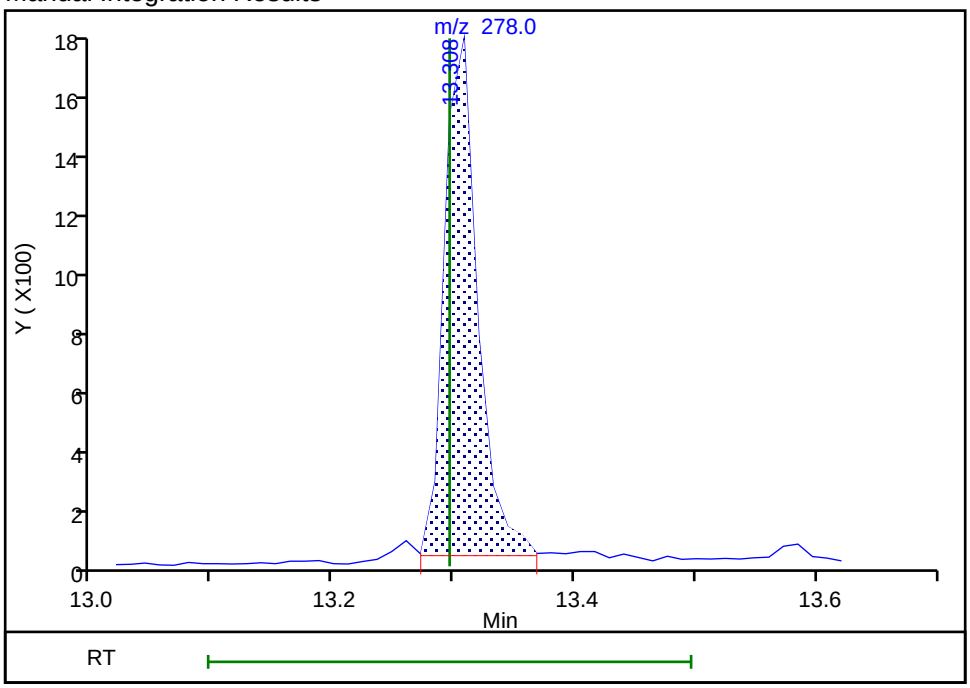
Processing Integration Results

RT: 13.31
Area: 3215
Amount: 0.015989
Amount Units: ug/ml



Manual Integration Results

RT: 13.31
Area: 3166
Amount: 0.016239
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 05:59:59 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286700.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2024 14:06:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-008
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:33 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 22-May-2024 14:30:02

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	1.173	1.165	0.008	100	5012	0.1000	0.1035	M
2 N-Nitrosodimethylamine	74	1.430	1.374	0.056	43	1891	0.0500	0.0447	
3 Bis(2-chloroethyl)ether	93	3.329	3.313	0.016	93	429	0.005000	0.004011	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	99	23227	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.126	4.117	0.009	98	20323	0.2000	0.1946	
* 7 Naphthalene-d8	136	4.817	4.809	0.008	98	61073	0.2000	0.2000	
8 Naphthalene	128	4.834	4.834	0.000	100	3860	0.0100	0.0109	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	97	55968	0.2000	0.1844	
10 Acenaphthylene	152	6.351	6.336	0.015	100	2286	0.0100	0.007870	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	71	26102	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	85	1625	0.0100	0.008505	
13 Fluorene	166	7.009	6.993	0.015	94	1521	0.0100	0.007872	
14 4,6-Dinitro-2-methylphenol	198	7.085	7.070	0.015	82	1175	0.1000	0.0833	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	86	7952	0.2000	0.1822	
15 Hexachlorobenzene	284	7.513	7.513	0.000	97	531	0.005000	0.004957	
16 Pentachlorophenol	266	7.712	7.712	0.000	89	1493	0.0500	0.0323	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	98	30142	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	90	2912	0.0100	0.0106	
19 Anthracene	178	7.941	7.941	0.000	96	1935	0.0100	0.008107	
21 Fluoranthene	202	9.006	9.006	0.000	100	2146	0.0100	0.008383	
22 Pyrene	202	9.210	9.210	0.000	99	2349	0.0100	0.0101	
$ 23 Terphenyl-d14	244	9.403	9.403	0.000	94	20724	0.2000	0.2014	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	42	1786	0.0100	0.0101	
* 25 Chrysene-d12	240	10.364	10.364	0.000	94	22794	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	98	1891	0.0100	0.009650	
27 Benzo[b]fluoranthene	252	11.506	11.494	0.012	100	1328	0.0100	0.009127	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	1	1627	0.0100	0.009617	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	96	967	0.0100	0.009383	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	16856	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.260	13.248	0.012	88	1379	0.0100	0.009600	
32 Dibenz(a,h)anthracene	278	13.308	13.296	0.012	91	1186	0.0100	0.009198	

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	13.585	13.573	0.012	73	1524	0.0100	0.009085	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL2_00019 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:34 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286700.D

Injection Date: 22-May-2024 14:06:30 Instrument ID: CBNAMS9

Lims ID: STD2

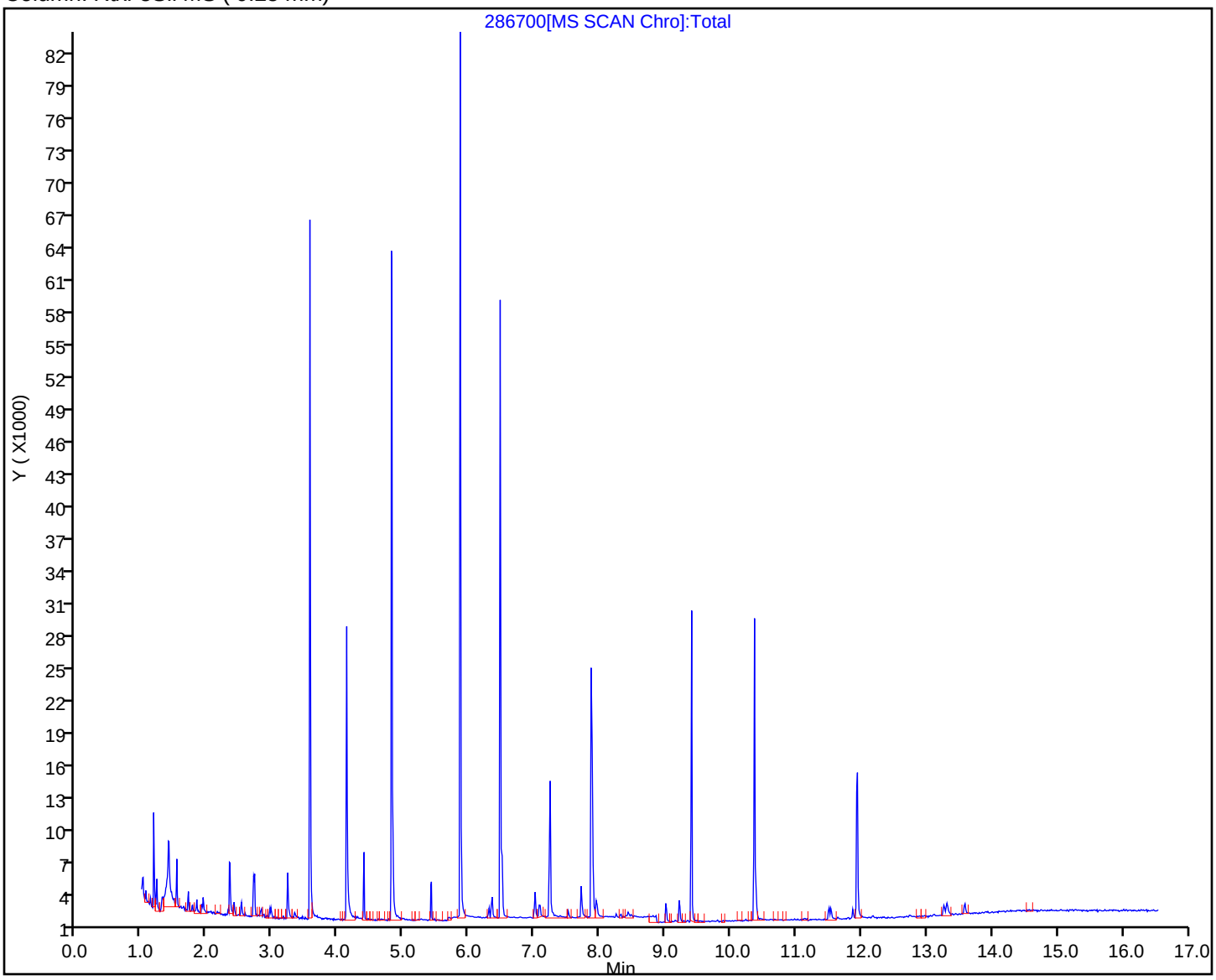
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

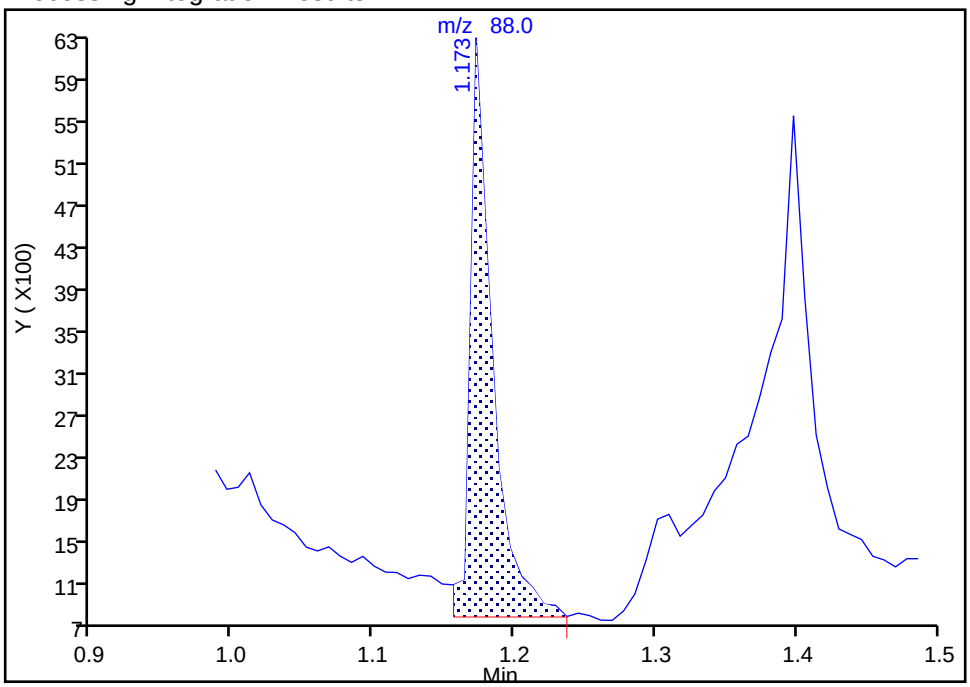
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286700.D				
Injection Date:	22-May-2024 14:06:30	Instrument ID:	CBNAMS9		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

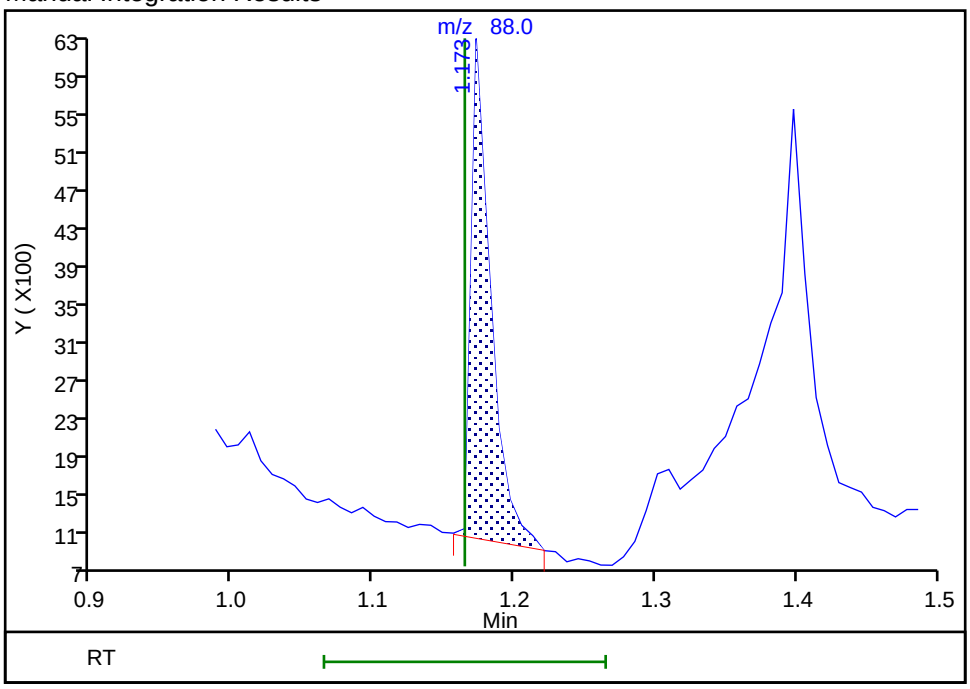
Processing Integration Results

RT: 1.17
Area: 5963
Amount: 0.116321
Amount Units: ug/ml



Manual Integration Results

RT: 1.17
Area: 5012
Amount: 0.103519
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:35:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286701.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2024 14:27:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-009
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:34 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 22-May-2024 14:46:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.181	1.165	0.016	91	1096	0.0200	0.0228	M
2 N-Nitrosodimethylamine	74	1.462	1.374	0.088	43	474	0.0200	0.0211	Ma
3 Bis(2-chloroethyl)ether	93	3.329	3.313	0.016	85	155	0.002000	0.001457	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	99	23109	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.125	4.117	0.008	98	10649	0.1000	0.1005	
* 7 Naphthalene-d8	136	4.817	4.809	0.008	98	61966	0.2000	0.2000	
8 Naphthalene	128	4.833	4.834	-0.001	100	2034	0.005000	0.005652	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	97	29895	0.1000	0.0916	
10 Acenaphthylene	152	6.351	6.336	0.015	97	1342	0.005000	0.004297	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	72	28069	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	80	982	0.005000	0.004780	
13 Fluorene	166	7.008	6.993	0.015	86	1024	0.005000	0.004928	
14 4,6-Dinitro-2-methylphenol	198	7.085	7.070	0.015	80	611	0.0400	0.0359	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	85	5039	0.1000	0.1074	
15 Hexachlorobenzene	284	7.513	7.513	0.000	97	229	0.002000	0.001756	
16 Pentachlorophenol	266	7.712	7.712	0.000	80	586	0.0200	0.0104	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	98	36698	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	83	1751	0.005000	0.005234	
19 Anthracene	178	7.956	7.941	0.015	96	1222	0.005000	0.004205	
21 Fluoranthene	202	9.018	9.006	0.012	95	1500	0.005000	0.004813	
22 Pyrene	202	9.222	9.210	0.012	96	1469	0.005000	0.005048	
$ 23 Terphenyl-d14	244	9.402	9.403	-0.001	94	13459	0.1000	0.1046	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	18	1229	0.005000	0.005533	
* 25 Chrysene-d12	240	10.364	10.364	0.000	93	28509	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	94	1363	0.005000	0.005561	
27 Benzo[b]fluoranthene	252	11.505	11.494	0.011	96	808	0.005000	0.004290	
28 Benzo[k]fluoranthene	252	11.529	11.530	-0.001	55	1121	0.005000	0.005119	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	96	653	0.005000	0.004895	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	21819	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.260	13.248	0.012	90	871	0.005000	0.004963	
32 Dibenz(a,h)anthracene	278	13.308	13.296	0.012	92	781	0.005000	0.005277	M

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	13.584	13.573	0.011	67	1059	0.005000	0.004877	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL1_00019 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:35 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286701.D

Injection Date: 22-May-2024 14:27:30 Instrument ID: CBNAMS9

Lims ID: STD1

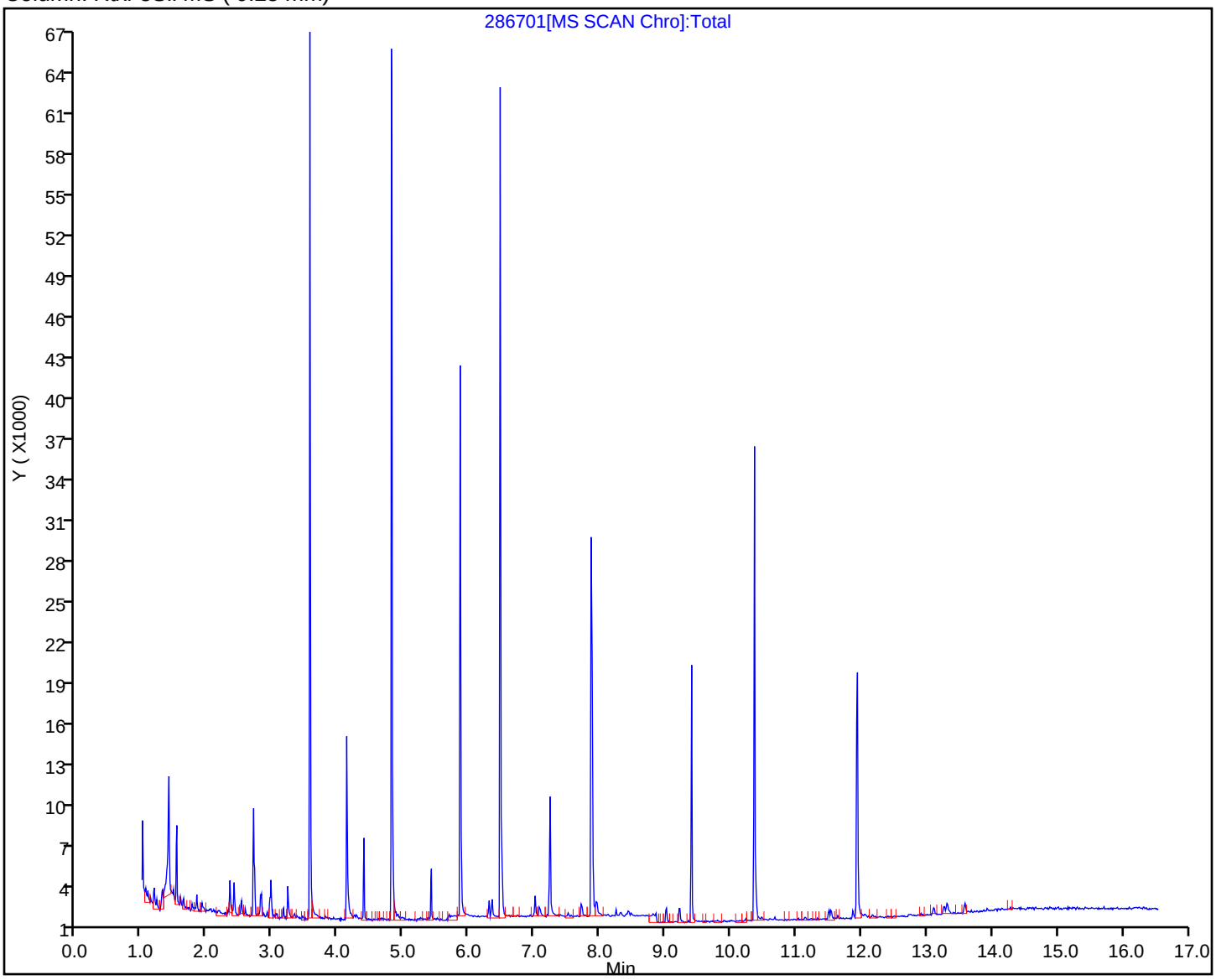
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

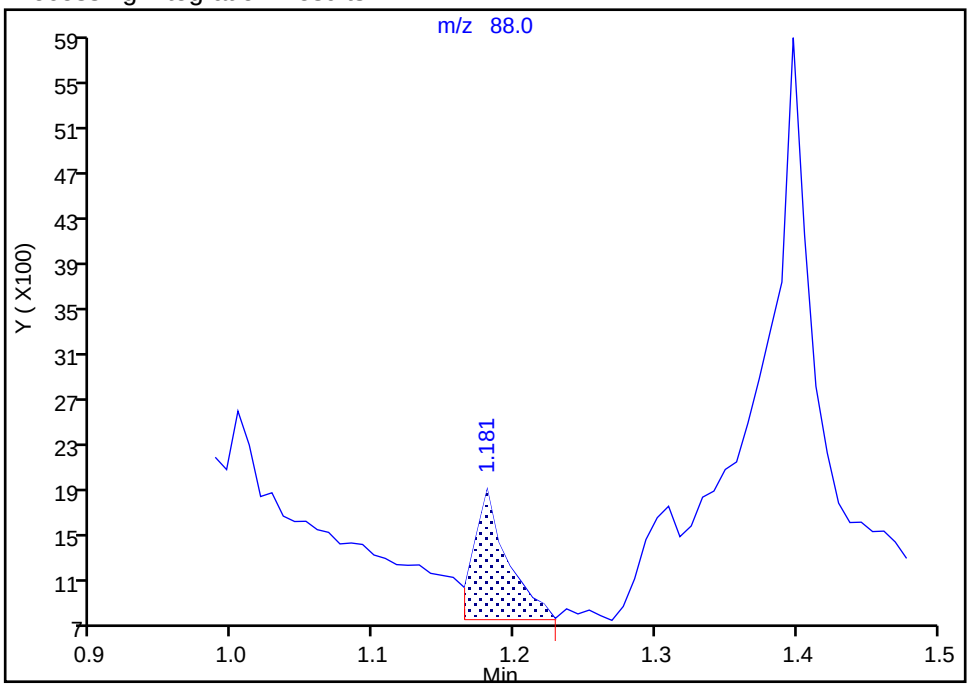
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286701.D				
Injection Date:	22-May-2024 14:27:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

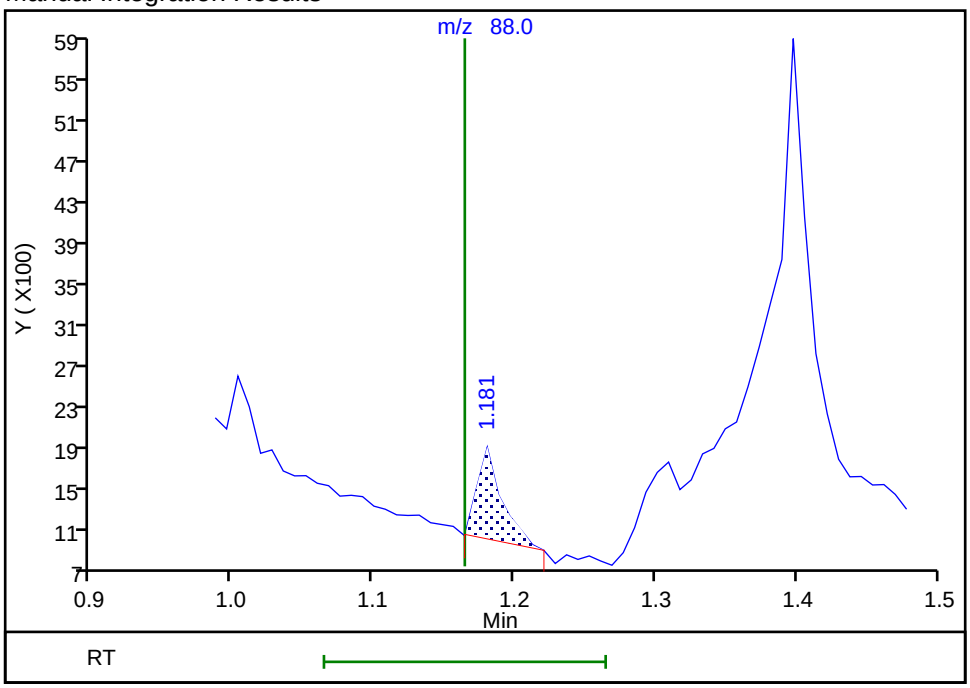
Processing Integration Results

RT: 1.18
Area: 1880
Amount: 0.020548
Amount Units: ug/ml



Manual Integration Results

RT: 1.18
Area: 1096
Amount: 0.022753
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:35:24 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

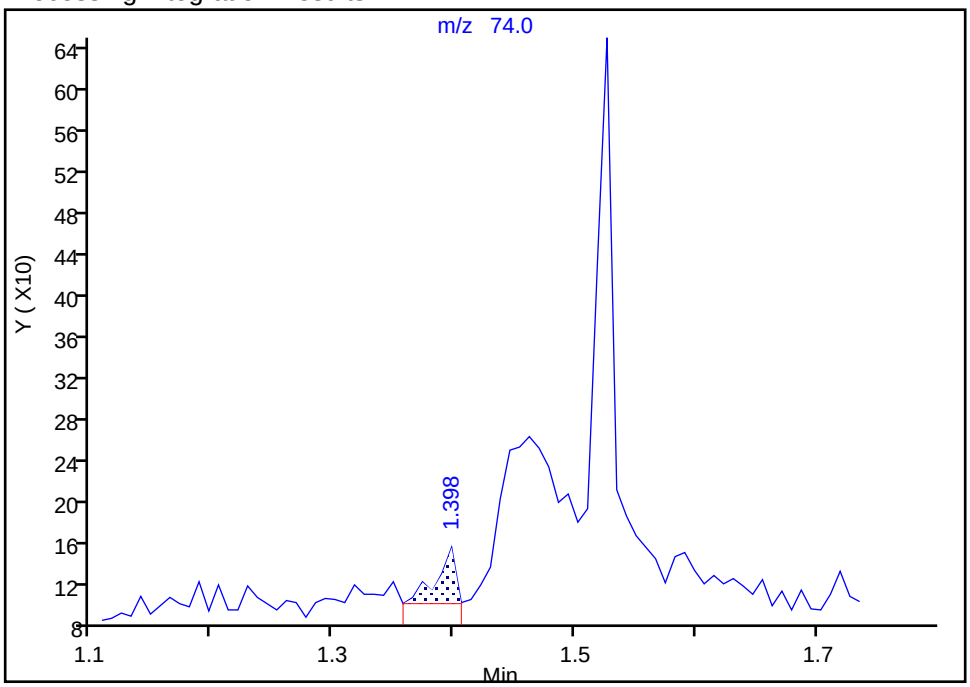
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286701.D				
Injection Date:	22-May-2024 14:27:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

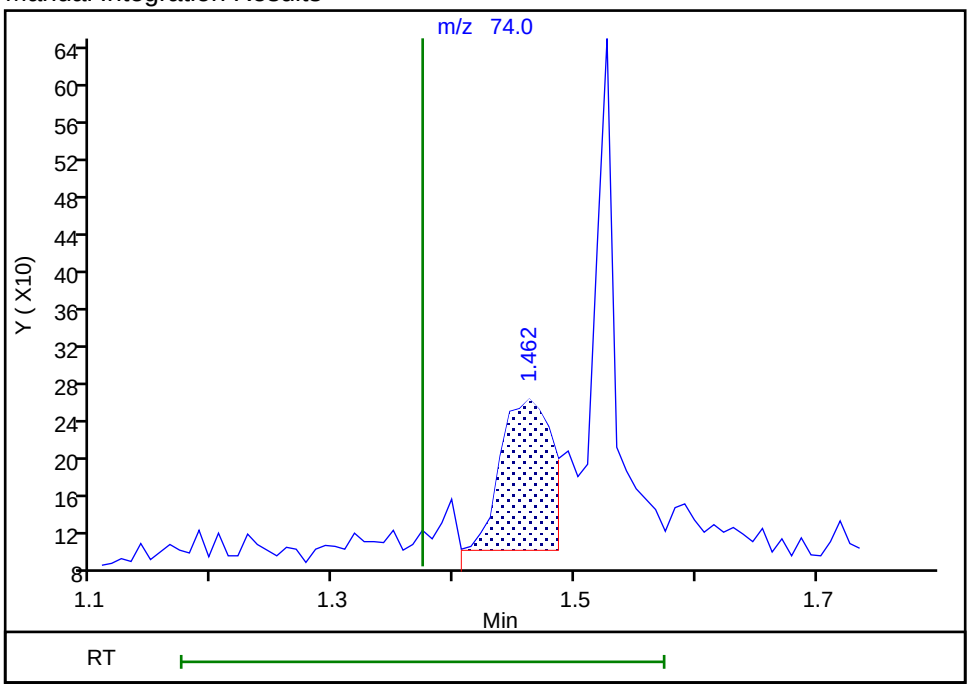
Processing Integration Results

RT: 1.40
Area: 59
Amount: 0.020162
Amount Units: ug/ml



Manual Integration Results

RT: 1.46
Area: 474
Amount: 0.021135
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:36:15 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

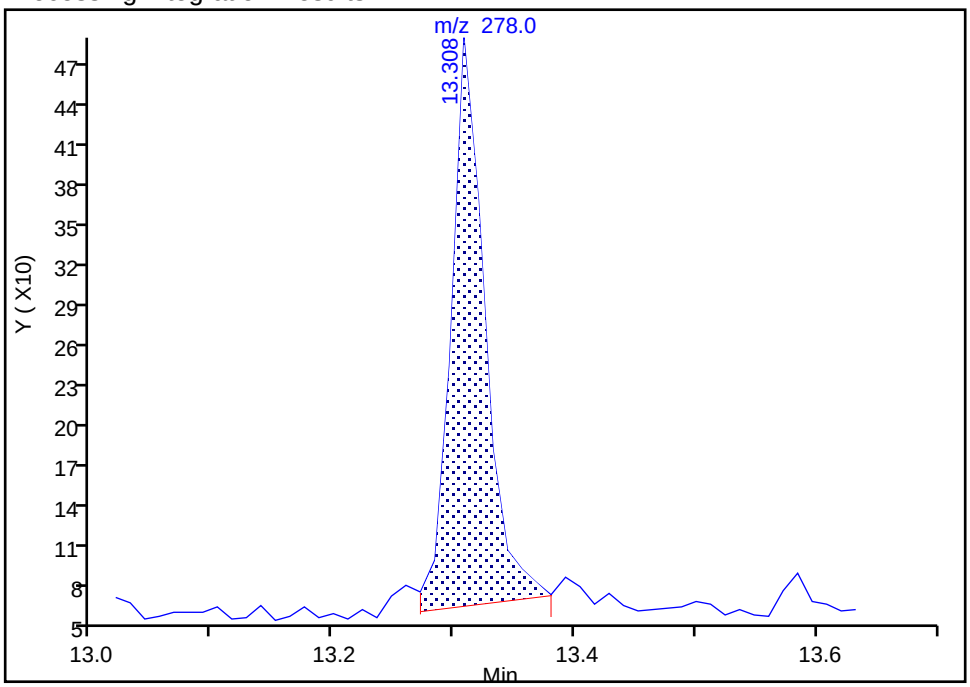
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286701.D				
Injection Date:	22-May-2024 14:27:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

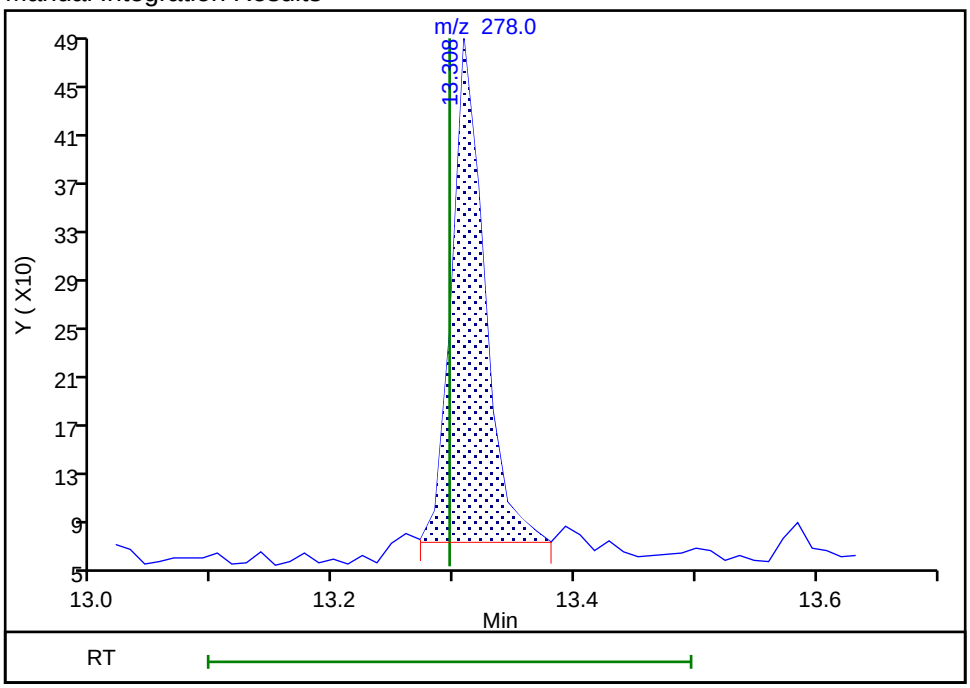
Processing Integration Results

RT: 13.31
Area: 821
Amount: 0.004516
Amount Units: ug/ml



Manual Integration Results

RT: 13.31
Area: 781
Amount: 0.005277
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 06:00:15 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286702.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 22-May-2024 14:48:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-010
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:36 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 23-May-2024 06:03:29

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	1.165	1.165	0.000	87	30700	0.8000	0.7171	M
2 N-Nitrosodimethylamine	74	1.374	1.374	0.000	85	18384	0.4000	0.3589	
3 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	92	41347	0.4000	0.4372	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	100	20539	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.117	4.117	0.000	97	92210	1.00	0.9680	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	55707	0.2000	0.2000	
8 Naphthalene	128	4.834	4.834	0.000	100	63883	0.2000	0.1975	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	96	299308	1.00	1.05	
10 Acenaphthylene	152	6.336	6.336	0.000	100	59693	0.2000	0.2188	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	71	24518	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	90	37841	0.2000	0.2109	
13 Fluorene	166	6.993	6.993	0.000	86	39008	0.2000	0.2149	
14 4,6-Dinitro-2-methylphenol	198	7.070	7.070	0.000	96	12609	0.8000	0.7367	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	84	40810	1.00	1.00	
15 Hexachlorobenzene	284	7.513	7.513	0.000	100	48400	0.4000	0.4264	
16 Pentachlorophenol	266	7.712	7.712	0.000	95	18792	0.4000	0.3595	
* 17 Phenanthrene-d10	188	7.865	7.865	0.000	97	31938	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	94	56805	0.2000	0.1951	
19 Anthracene	178	7.941	7.941	0.000	99	54792	0.2000	0.2166	
21 Fluoranthene	202	9.006	9.006	0.000	95	55098	0.2000	0.2031	
22 Pyrene	202	9.210	9.210	0.000	98	55813	0.2000	0.2042	
$ 23 Terphenyl-d14	244	9.403	9.403	0.000	94	114806	1.00	0.9500	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	99	41231	0.2000	0.1976	
* 25 Chrysene-d12	240	10.364	10.364	0.000	92	26776	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	98	47438	0.2000	0.2061	
27 Benzo[b]fluoranthene	252	11.494	11.494	0.000	100	33071	0.2000	0.1911	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	1	40897	0.2000	0.2033	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	100	23352	0.2000	0.1905	
* 30 Perylene-d12	264	11.938	11.938	0.000	100	20046	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.248	13.248	0.000	89	34004	0.2000	0.1883	
32 Dibenz(a,h)anthracene	278	13.296	13.296	0.000	94	33646	0.2000	0.1916	

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	13.573	13.573	0.000	78	38210	0.2000	0.1915	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:36 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286702.D

Injection Date: 22-May-2024 14:48:30 Instrument ID: CBNAMS9

Lims ID: ICIS

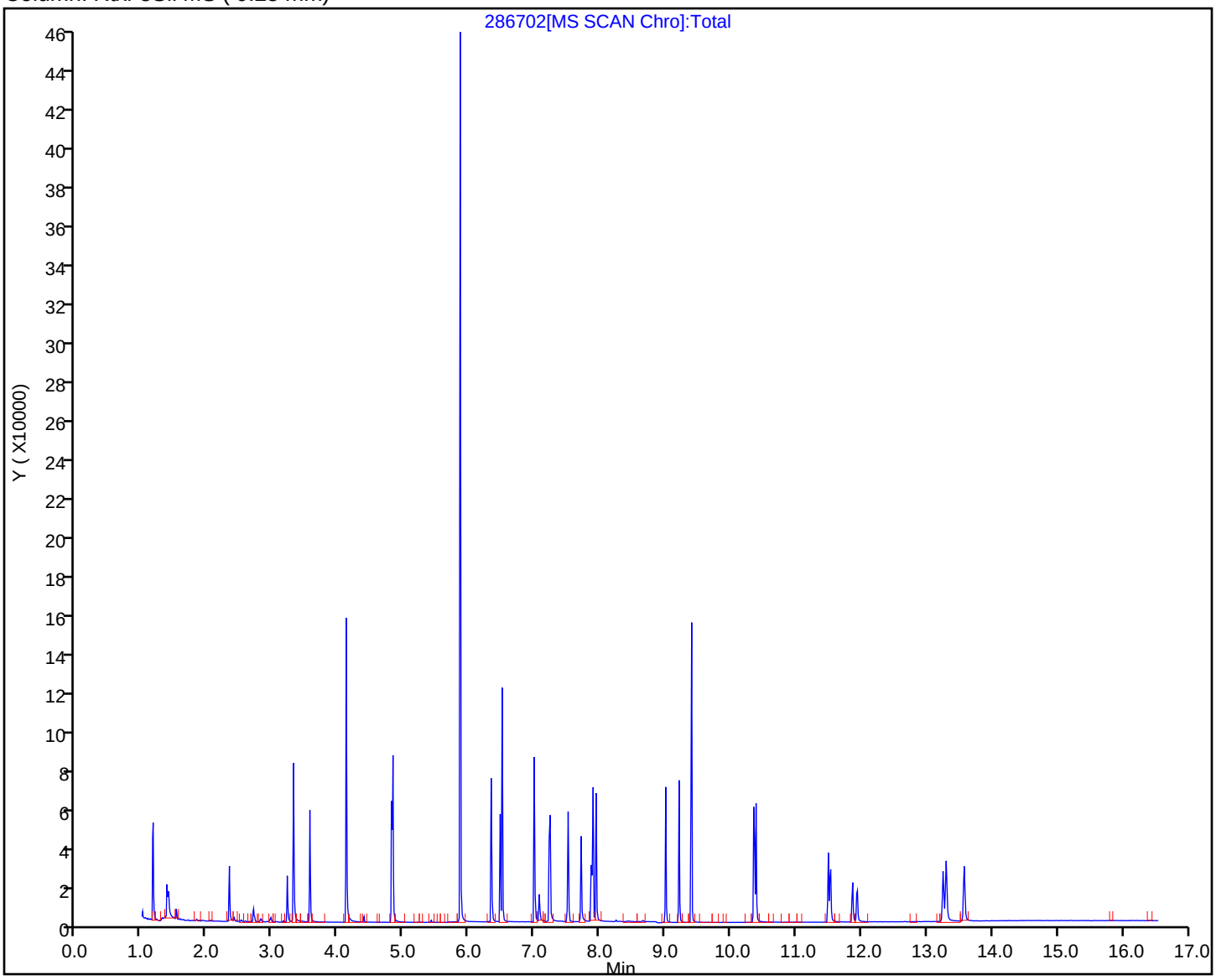
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

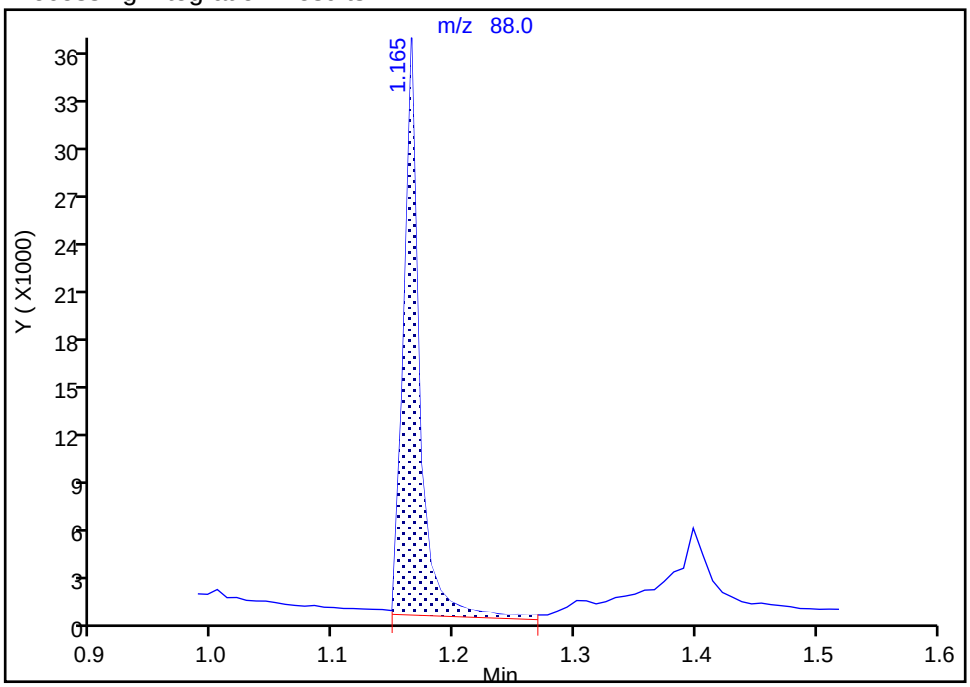
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286702.D				
Injection Date:	22-May-2024 14:48:30	Instrument ID:	CBNAMS9		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

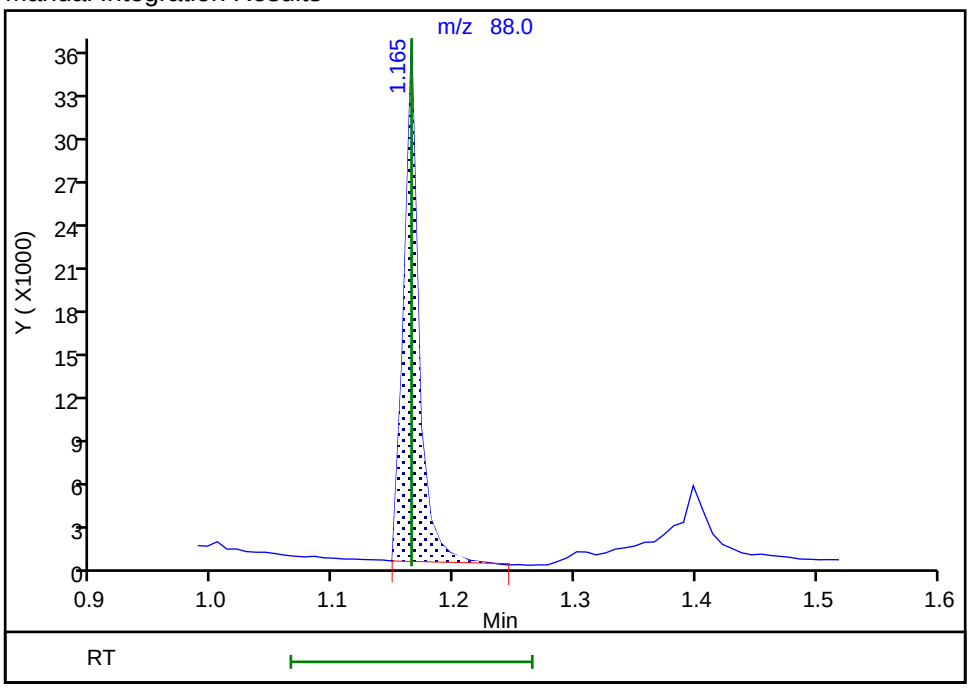
Processing Integration Results

RT: 1.16
Area: 32792
Amount: 0.746880
Amount Units: ug/ml



Manual Integration Results

RT: 1.16
Area: 30700
Amount: 0.717070
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 16:58:15 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-May-2024 17:01:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-012
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 06:04:37 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 23-May-2024 06:00:40

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	1.221	1.165	0.056	94	869484	20.0	18.2	
2 N-Nitrosodimethylamine	74	1.446	1.374	0.072	84	618746	10.0	10.5	Ma
3 Bis(2-chloroethyl)ether	93	3.321	3.313	0.008	87	1073768	10.0	10.2	
* 5 1,4-Dichlorobenzene-d4	152	3.570	3.562	0.008	100	22874	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.125	4.117	0.008	92	3778430	40.0	34.0	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	65083	0.2000	0.2000	
8 Naphthalene	128	4.833	4.834	-0.001	100	3136294	10.0	8.30	
$ 9 2-Fluorobiphenyl	172	5.862	5.862	0.000	99	6919139	40.0	20.0	
10 Acenaphthylene	152	6.336	6.336	0.000	100	3299444	10.0	9.95	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	71	29811	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	92	2040804	10.0	9.35	
13 Fluorene	166	6.993	6.993	0.000	91	2145117	10.0	9.72	
14 4,6-Dinitro-2-methylphenol	198	7.085	7.070	0.015	77	546825	20.0	9.63	
$ 20 2,4,6-Tribromophenol	330	7.238	7.238	0.000	86	3162517	40.0	63.4	
15 Hexachlorobenzene	284	7.513	7.513	0.000	99	1029266	10.0	7.44	
16 Pentachlorophenol	266	7.712	7.712	0.000	93	1785846	20.0	9.94	
* 17 Phenanthrene-d10	188	7.880	7.865	0.015	24	38935	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	93	3661673	10.0	10.3	
19 Anthracene	178	7.941	7.941	0.000	1	3448320	10.0	11.2	
21 Fluoranthene	202	9.006	9.006	0.000	96	3291594	10.0	9.95	
22 Pyrene	202	9.210	9.210	0.000	100	3234736	10.0	7.37	
$ 23 Terphenyl-d14	244	9.402	9.403	-0.001	97	4380767	40.0	22.6	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	96	2838211	10.0	8.47	
* 25 Chrysene-d12	240	10.364	10.364	0.000	2	43010	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	96	2801942	10.0	7.58	
27 Benzo[b]fluoranthene	252	11.506	11.494	0.012	99	3252173	10.0	10.0	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	99	3064322	10.0	8.14	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	99	2282553	10.0	9.95	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	37526	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.260	13.248	0.012	89	3175202	10.0	9.37	
32 Dibenz(a,h)anthracene	278	13.308	13.296	0.012	92	3101734	10.0	9.38	M

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	13.585	13.573	0.012	81	3437320	10.0	9.20	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL8_00001 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 06:04:37 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Injection Date: 22-May-2024 17:01:30 Instrument ID: CBNAMS9

Lims ID: STD8

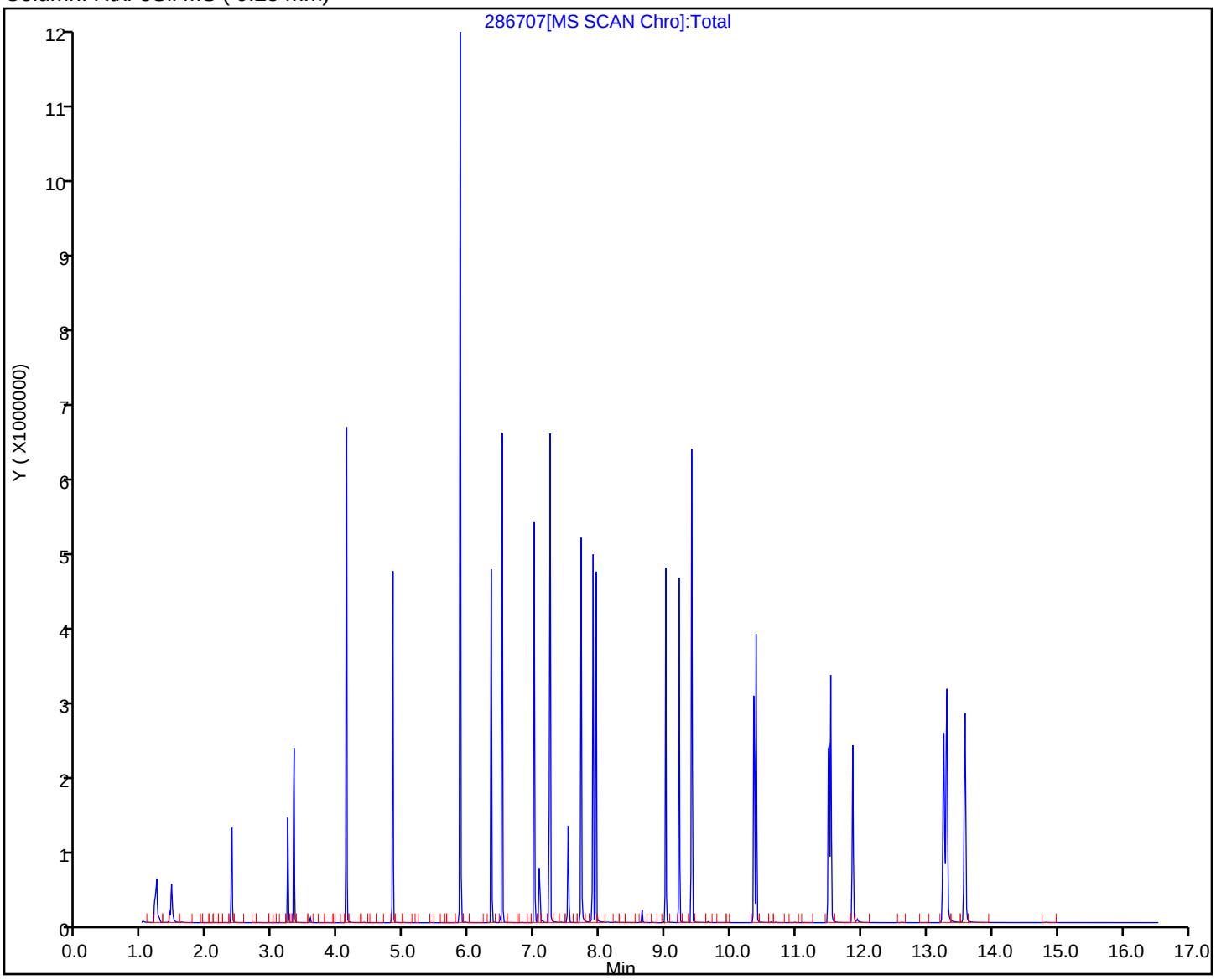
Client ID:

Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

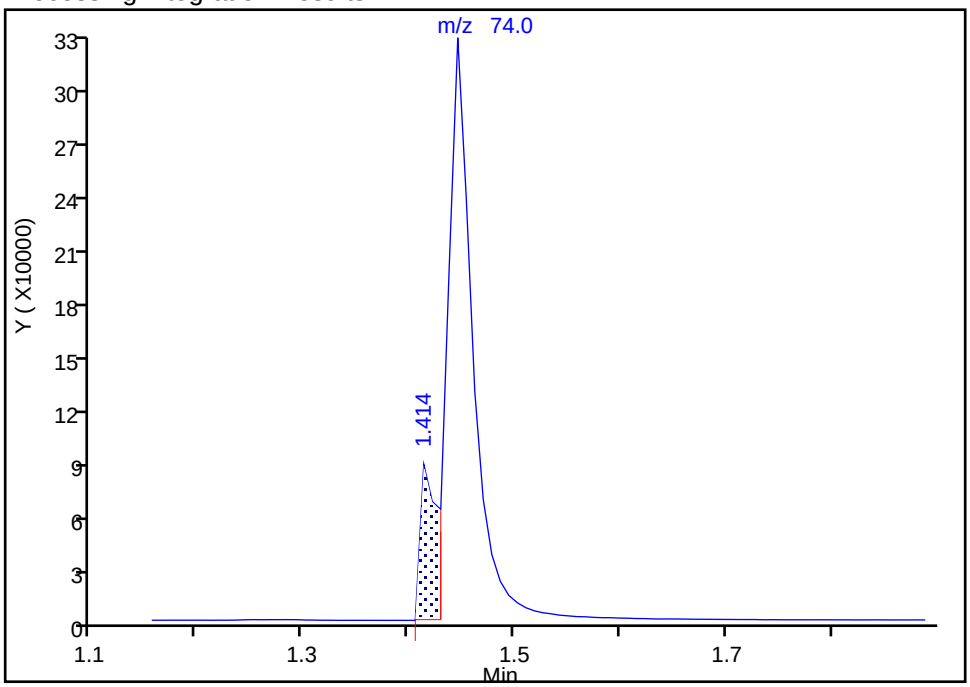
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Injection Date:	22-May-2024 17:01:30	Instrument ID:	CBNAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

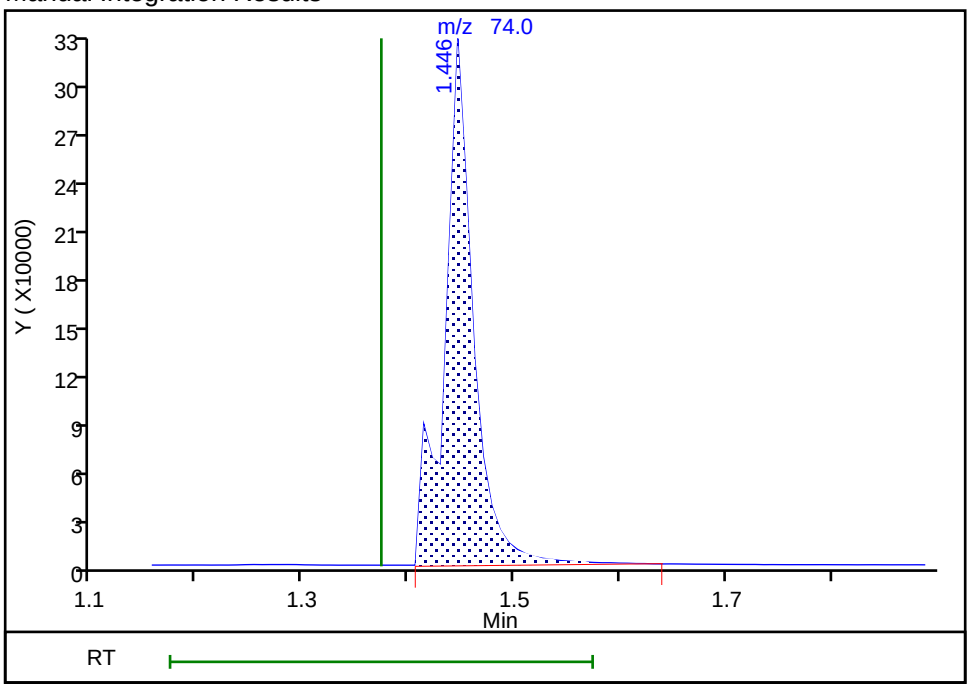
Processing Integration Results

RT: 1.41
Area: 103121
Amount: 2.340264
Amount Units: ug/ml



Manual Integration Results

RT: 1.45
Area: 618746
Amount: 10.460632
Amount Units: ug/ml



Reviewer: G4KC, 22-May-2024 17:21:25 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

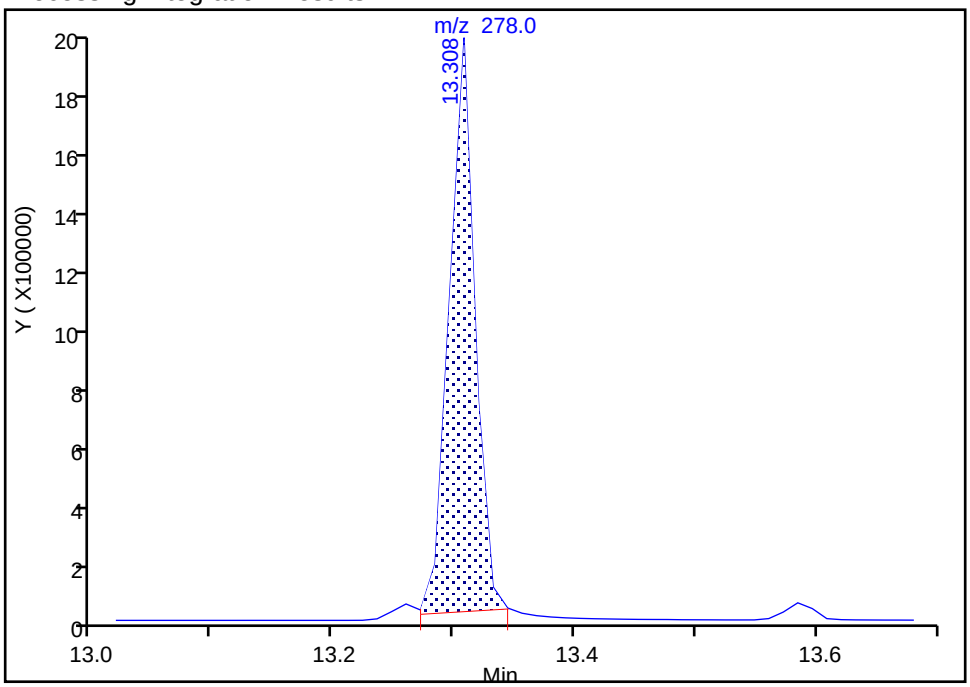
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Injection Date:	22-May-2024 17:01:30	Instrument ID:	CBNAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	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

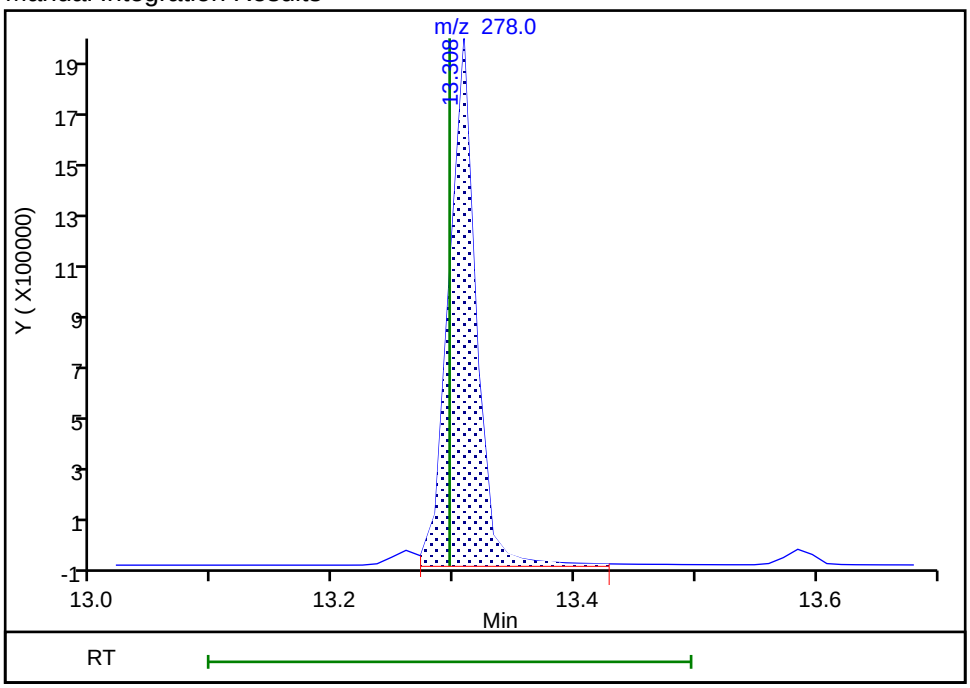
Processing Integration Results

RT: 13.31
Area: 2905870
Amount: 9.377615
Amount Units: ug/ml



Manual Integration Results

RT: 13.31
Area: 3101734
Amount: 9.376149
Amount Units: ug/ml



Reviewer: G4KC, 23-May-2024 06:00:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Calibration / 1,4-Dioxane

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

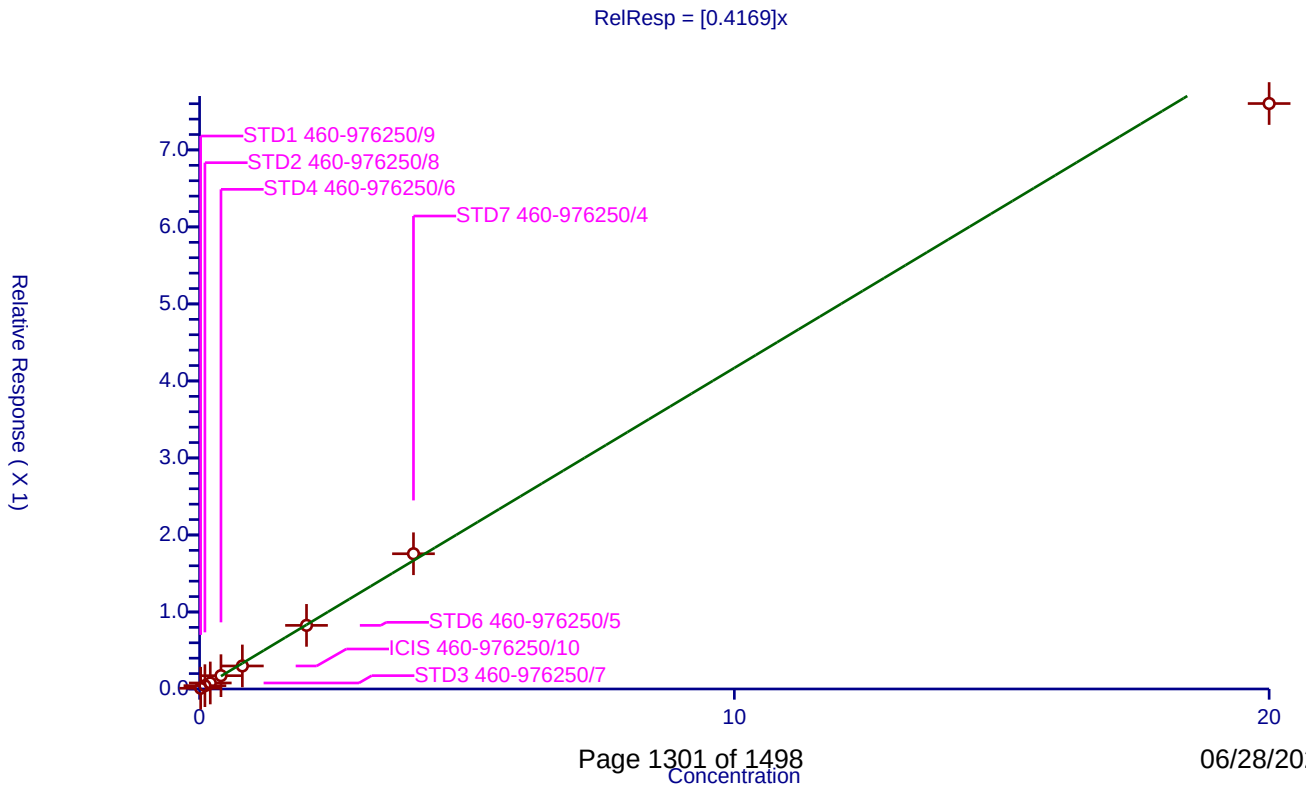
Curve Coefficients

Intercept:	0
Slope:	0.4169

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.02	0.009485	0.2	23109.0	0.474274	Y
2	STD2 460-976250/8	0.1	0.043157	0.2	23227.0	0.431567	Y
3	STD3 460-976250/7	0.2	0.078253	0.2	27296.0	0.391266	Y
4	STD4 460-976250/6	0.4	0.172893	0.2	22784.0	0.432233	Y
5	ICIS 460-976250/10	0.8	0.298943	0.2	20539.0	0.373679	Y
6	STD6 460-976250/5	2.0	0.825964	0.2	21376.0	0.412982	Y
7	STD7 460-976250/4	4.0	1.756183	0.2	19846.0	0.439046	Y
8	STD8 460-976250/12	20.0	7.602378	0.2	22874.0	0.380119	Y



Calibration / N-Nitrosodimethylamine

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

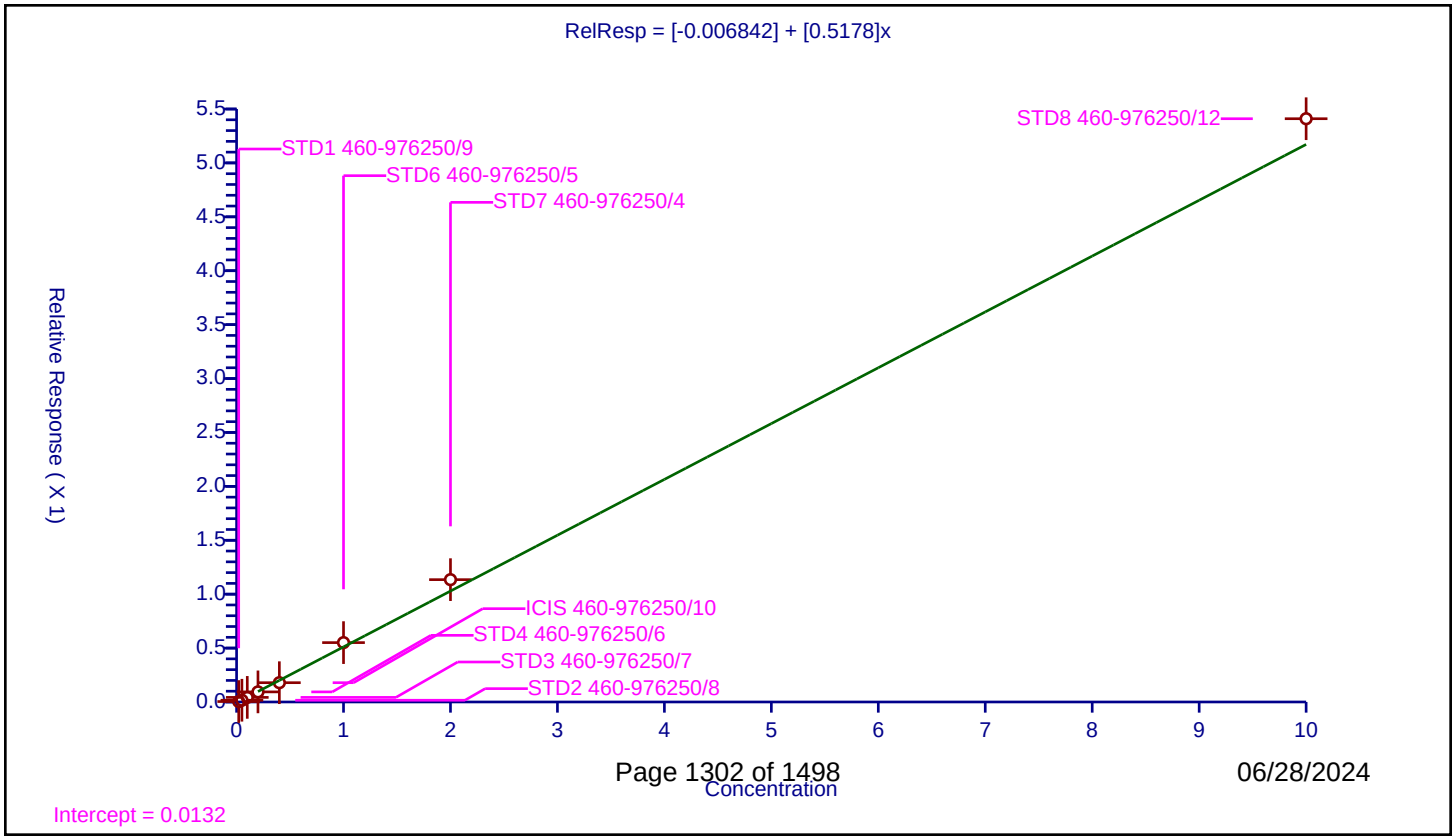
Curve Coefficients

Intercept:	-0.006842
Slope:	0.5178

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.02	0.004102	0.2	23109.0	0.205115	Y
2	STD2 460-976250/8	0.05	0.016283	0.2	23227.0	0.325655	Y
3	STD3 460-976250/7	0.1	0.042702	0.2	27296.0	0.427022	Y
4	STD4 460-976250/6	0.2	0.093741	0.2	22784.0	0.468706	Y
5	ICIS 460-976250/10	0.4	0.179016	0.2	20539.0	0.447539	Y
6	STD6 460-976250/5	1.0	0.550664	0.2	21376.0	0.550664	Y
7	STD7 460-976250/4	2.0	1.134657	0.2	19846.0	0.567328	Y
8	STD8 460-976250/12	10.0	5.410038	0.2	22874.0	0.541004	Y



Calibration / Bis(2-chloroethyl)ether

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

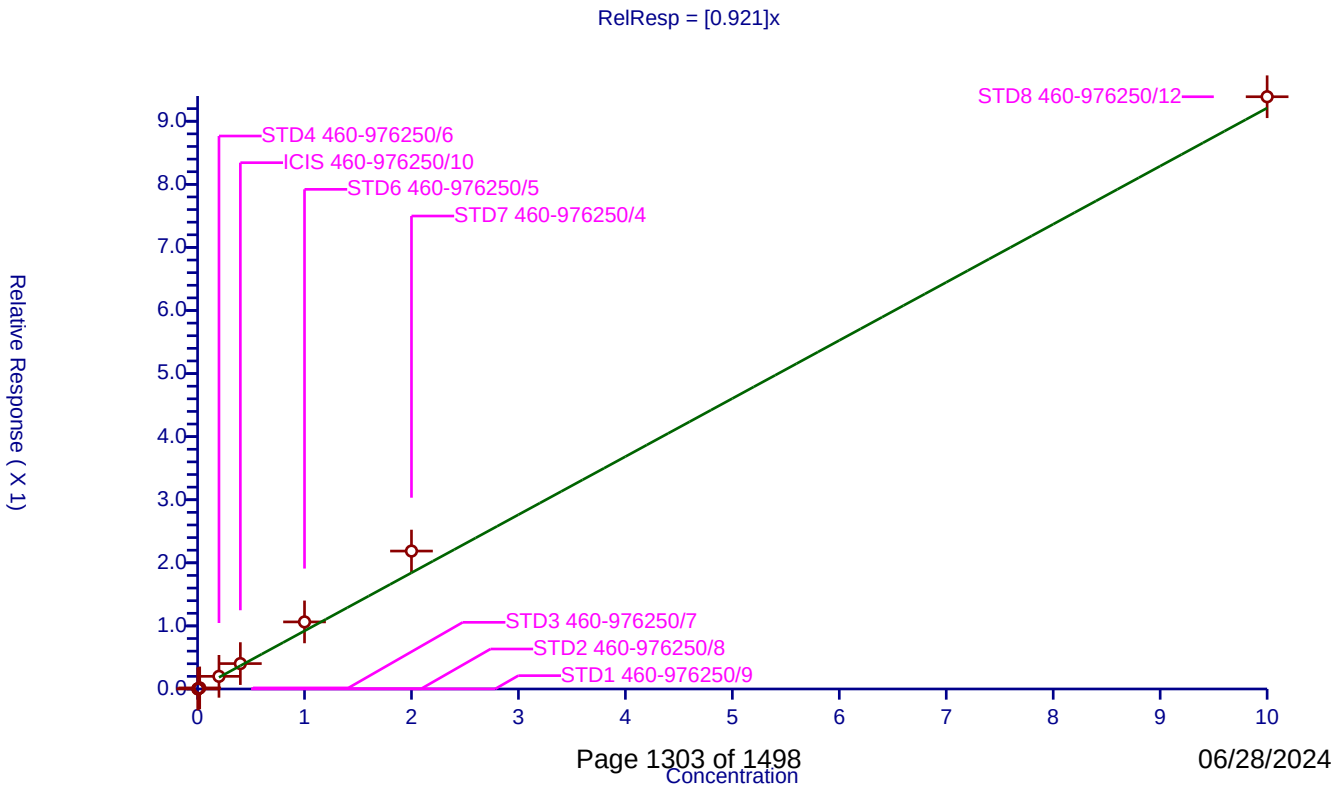
Curve Coefficients

Intercept:	0
Slope:	0.921

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.002	0.001341	0.2	23109.0	0.670734	Y
2	STD2 460-976250/8	0.005	0.003694	0.2	23227.0	0.738795	Y
3	STD3 460-976250/7	0.02	0.017057	0.2	27296.0	0.852872	Y
4	STD4 460-976250/6	0.2	0.200693	0.2	22784.0	1.003467	Y
5	ICIS 460-976250/10	0.4	0.402619	0.2	20539.0	1.006549	Y
6	STD6 460-976250/5	1.0	1.063305	0.2	21376.0	1.063305	Y
7	STD7 460-976250/4	2.0	2.186597	0.2	19846.0	1.093298	Y
8	STD8 460-976250/12	10.0	9.388546	0.2	22874.0	0.938855	Y



Calibration / Nitrobenzene-d5

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

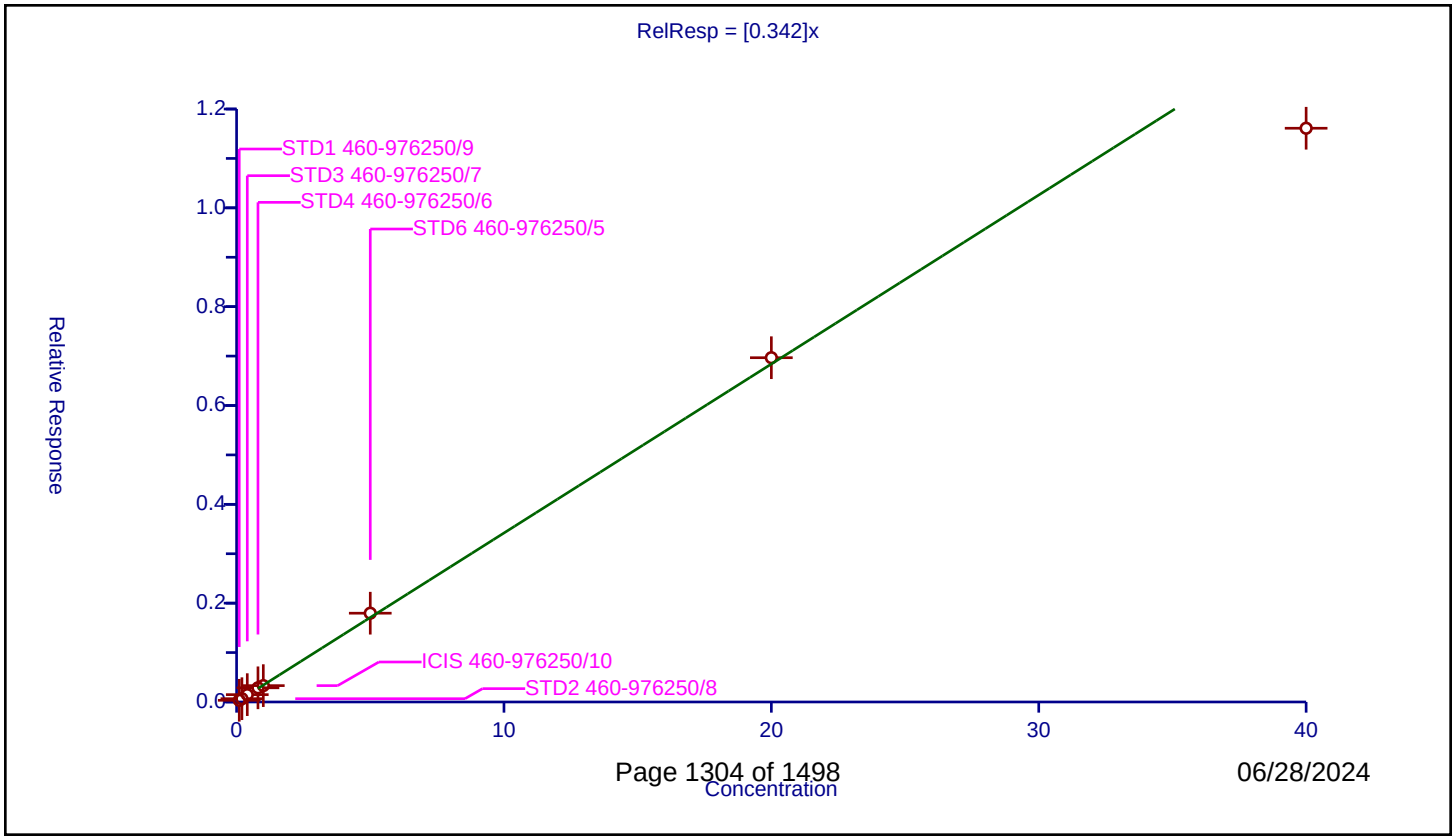
Curve Coefficients

Intercept:	0
Slope:	0.342

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.1	0.03437	0.2	61966.0	0.343705	Y
2	STD2 460-976250/8	0.2	0.066553	0.2	61073.0	0.332766	Y
3	STD3 460-976250/7	0.4	0.148659	0.2	70750.0	0.371647	Y
4	STD4 460-976250/6	0.8	0.286957	0.2	60559.0	0.358696	Y
5	ICIS 460-976250/10	1.0	0.331054	0.2	55707.0	0.331054	Y
6	STD6 460-976250/5	5.0	1.796788	0.2	57722.0	0.359358	Y
7	STD7 460-976250/4	20.0	6.967069	0.2	54829.0	0.348353	Y
8	STD8 460-976250/12	40.0	11.611112	0.2	65083.0	0.290278	Y



Calibration / Naphthalene

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

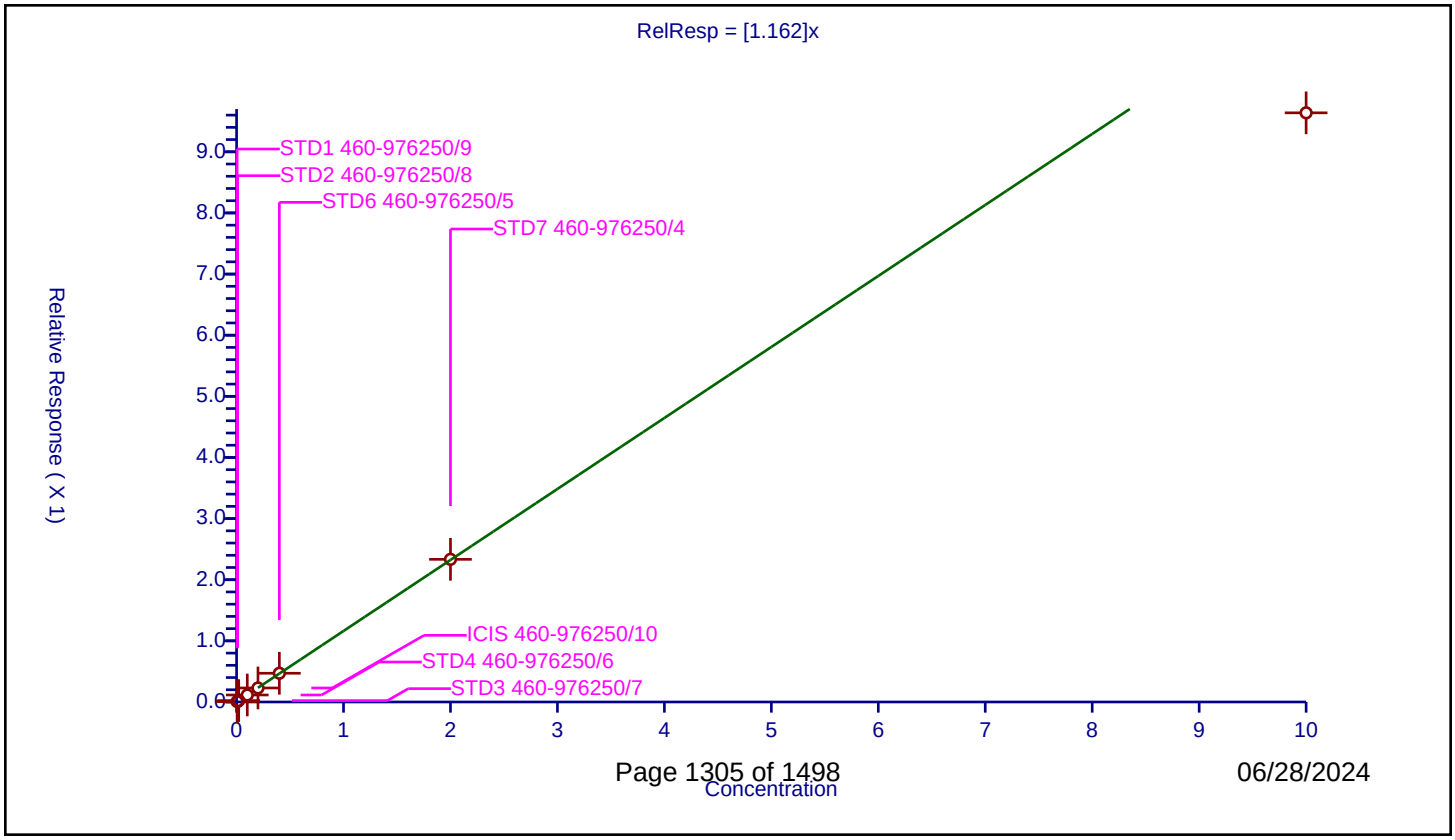
Curve Coefficients

Intercept:	0
Slope:	1.162

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.006565	0.2	61966.0	1.312978	Y
2	STD2 460-976250/8	0.01	0.012641	0.2	61073.0	1.264061	Y
3	STD3 460-976250/7	0.02	0.022321	0.2	70750.0	1.116042	Y
4	STD4 460-976250/6	0.1	0.114645	0.2	60559.0	1.146452	Y
5	ICIS 460-976250/10	0.2	0.229354	0.2	55707.0	1.146768	Y
6	STD6 460-976250/5	0.4	0.470119	0.2	57722.0	1.175297	Y
7	STD7 460-976250/4	2.0	2.333356	0.2	54829.0	1.166678	Y
8	STD8 460-976250/12	10.0	9.637829	0.2	65083.0	0.963783	Y



Calibration / 2-Fluorobiphenyl

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

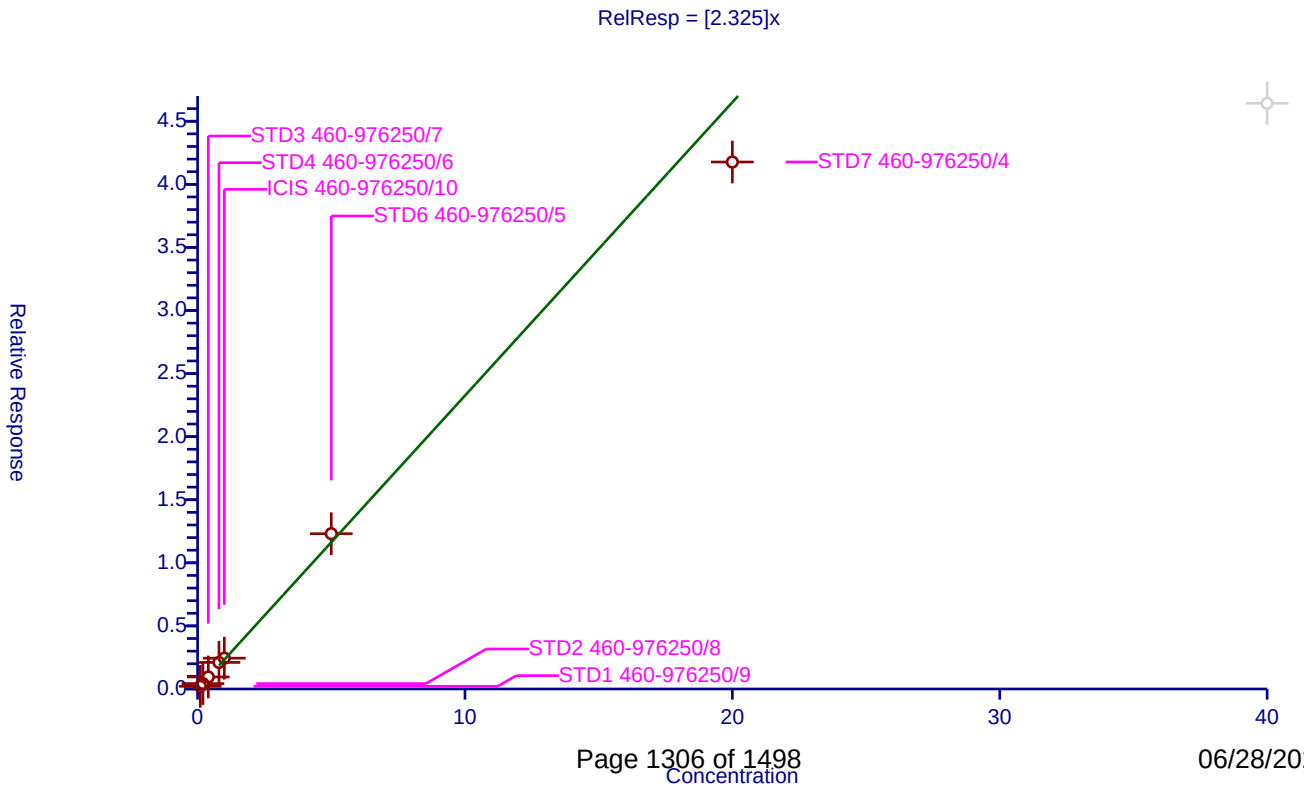
Curve Coefficients

Intercept:	0
Slope:	2.325

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.1	0.213011	0.2	28069.0	2.130108	Y
2	STD2 460-976250/8	0.2	0.428841	0.2	26102.0	2.144204	Y
3	STD3 460-976250/7	0.4	0.951468	0.2	32350.0	2.378671	Y
4	STD4 460-976250/6	0.8	2.105251	0.2	24775.0	2.631564	Y
5	ICIS 460-976250/10	1.0	2.441537	0.2	24518.0	2.441537	Y
6	STD6 460-976250/5	5.0	12.309773	0.2	25848.0	2.461955	Y
7	STD7 460-976250/4	20.0	41.767916	0.2	23339.0	2.088396	Y
8	STD8 460-976250/12	40.0	46.42004	0.2	29811.0	1.160501	N



Calibration / Acenaphthylene

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

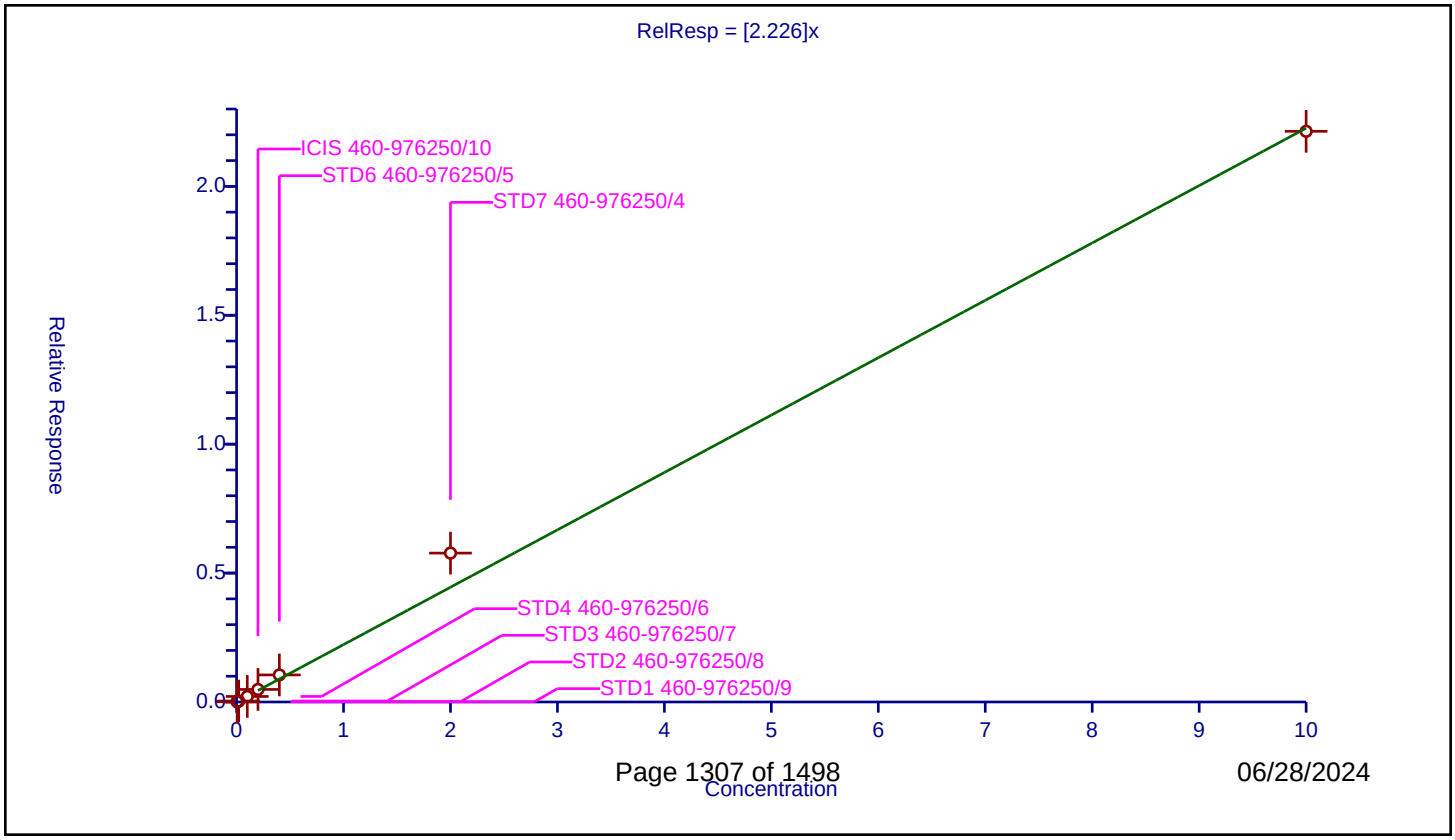
Curve Coefficients

Intercept:	0
Slope:	2.226

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.009562	0.2	28069.0	1.91243	Y
2	STD2 460-976250/8	0.01	0.017516	0.2	26102.0	1.75159	Y
3	STD3 460-976250/7	0.02	0.0366	0.2	32350.0	1.829985	Y
4	STD4 460-976250/6	0.1	0.215031	0.2	24775.0	2.150313	Y
5	ICIS 460-976250/10	0.2	0.486932	0.2	24518.0	2.43466	Y
6	STD6 460-976250/5	0.4	1.04959	0.2	25848.0	2.623975	Y
7	STD7 460-976250/4	2.0	5.77556	0.2	23339.0	2.88778	Y
8	STD8 460-976250/12	10.0	22.135749	0.2	29811.0	2.213575	Y



06/28/2024

Calibration / Acenaphthene

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

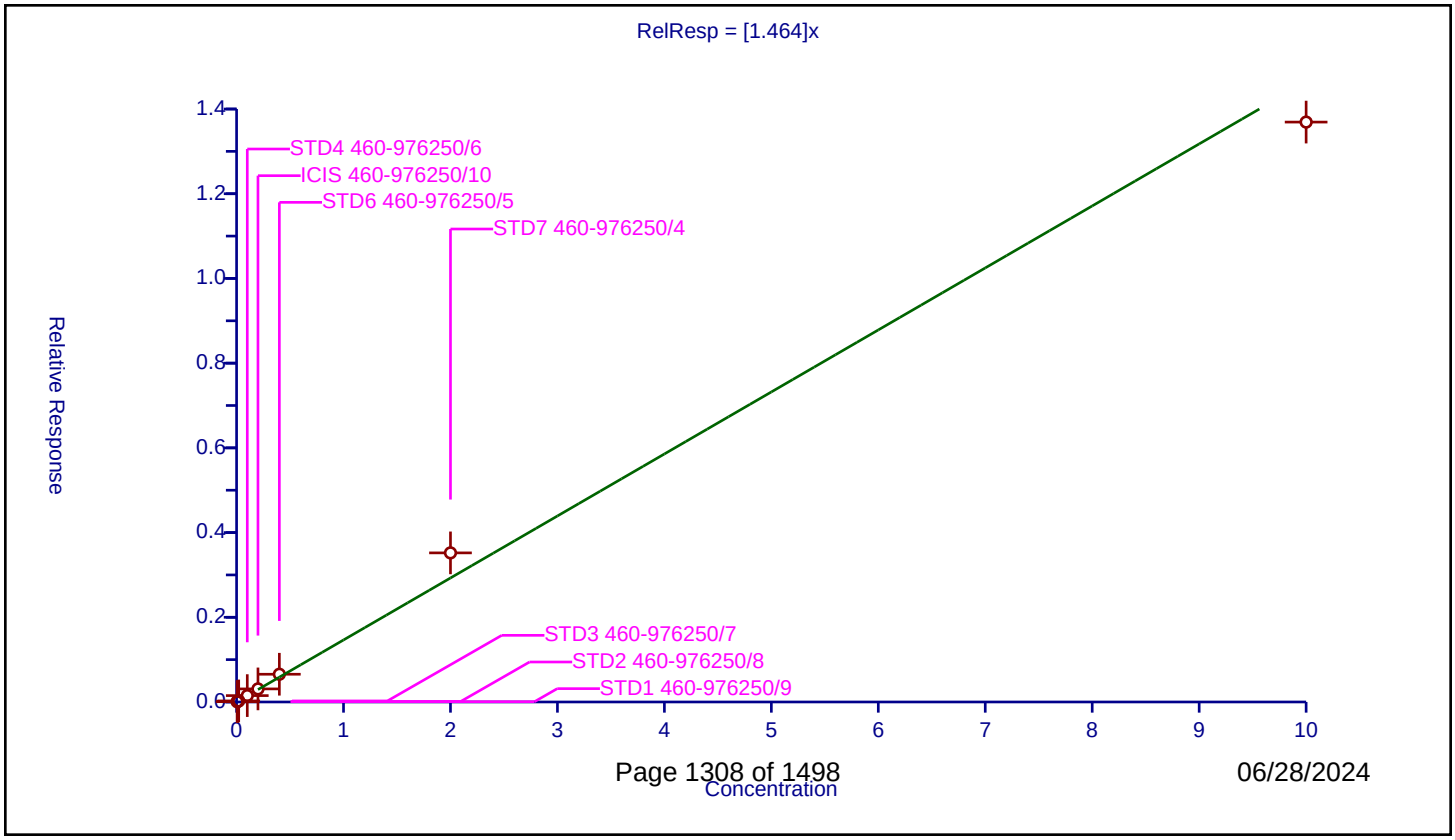
Curve Coefficients

Intercept:	0
Slope:	1.464

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.006997	0.2	28069.0	1.399409	Y
2	STD2 460-976250/8	0.01	0.012451	0.2	26102.0	1.245115	Y
3	STD3 460-976250/7	0.02	0.025002	0.2	32350.0	1.250077	Y
4	STD4 460-976250/6	0.1	0.150668	0.2	24775.0	1.50668	Y
5	ICIS 460-976250/10	0.2	0.308679	0.2	24518.0	1.543397	Y
6	STD6 460-976250/5	0.4	0.655053	0.2	25848.0	1.637632	Y
7	STD7 460-976250/4	2.0	3.520485	0.2	23339.0	1.760243	Y
8	STD8 460-976250/12	10.0	13.691617	0.2	29811.0	1.369162	Y



Calibration / Fluorene

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

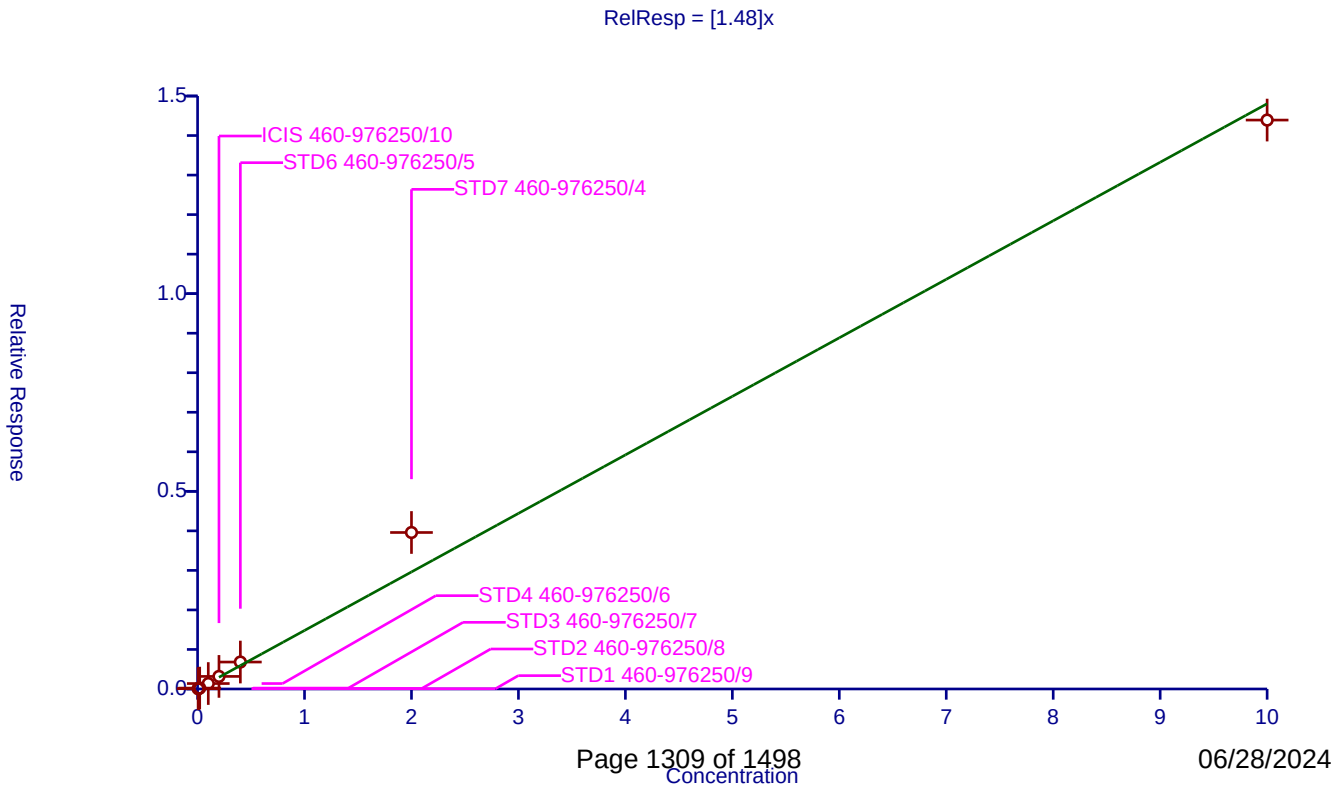
Curve Coefficients

Intercept:	0
Slope:	1.48

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.007296	0.2	28069.0	1.459261	Y
2	STD2 460-976250/8	0.01	0.011654	0.2	26102.0	1.165428	Y
3	STD3 460-976250/7	0.02	0.022516	0.2	32350.0	1.125811	Y
4	STD4 460-976250/6	0.1	0.137921	0.2	24775.0	1.379213	Y
5	ICIS 460-976250/10	0.2	0.318199	0.2	24518.0	1.590994	Y
6	STD6 460-976250/5	0.4	0.681886	0.2	25848.0	1.704716	Y
7	STD7 460-976250/4	2.0	3.958422	0.2	23339.0	1.979211	Y
8	STD8 460-976250/12	10.0	14.391446	0.2	29811.0	1.439145	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

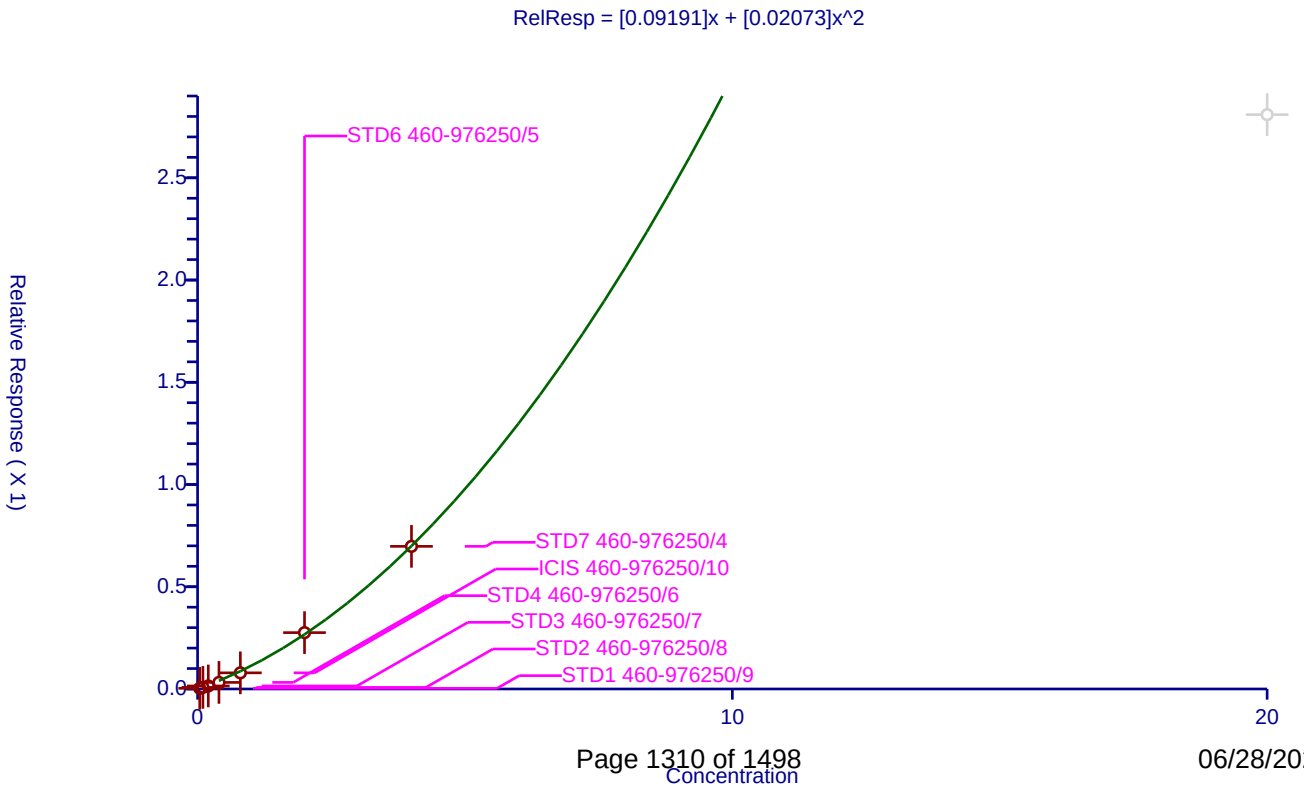
Curve Coefficients

Intercept:	0
Slope:	0.09191
Second Order:	0.02073

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.04	0.00333	0.2	36698.0	0.083247	Y
2	STD2 460-976250/8	0.1	0.007796	0.2	30142.0	0.077964	Y
3	STD3 460-976250/7	0.2	0.014749	0.2	39067.0	0.073745	Y
4	STD4 460-976250/6	0.4	0.032114	0.2	31756.0	0.080284	Y
5	ICIS 460-976250/10	0.8	0.078959	0.2	31938.0	0.098699	Y
6	STD6 460-976250/5	2.0	0.275649	0.2	31863.0	0.137824	Y
7	STD7 460-976250/4	4.0	0.697547	0.2	28126.0	0.174387	Y
8	STD8 460-976250/12	20.0	2.808912	0.2	38935.0	0.140446	N



Calibration / 2,4,6-Tribromophenol

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

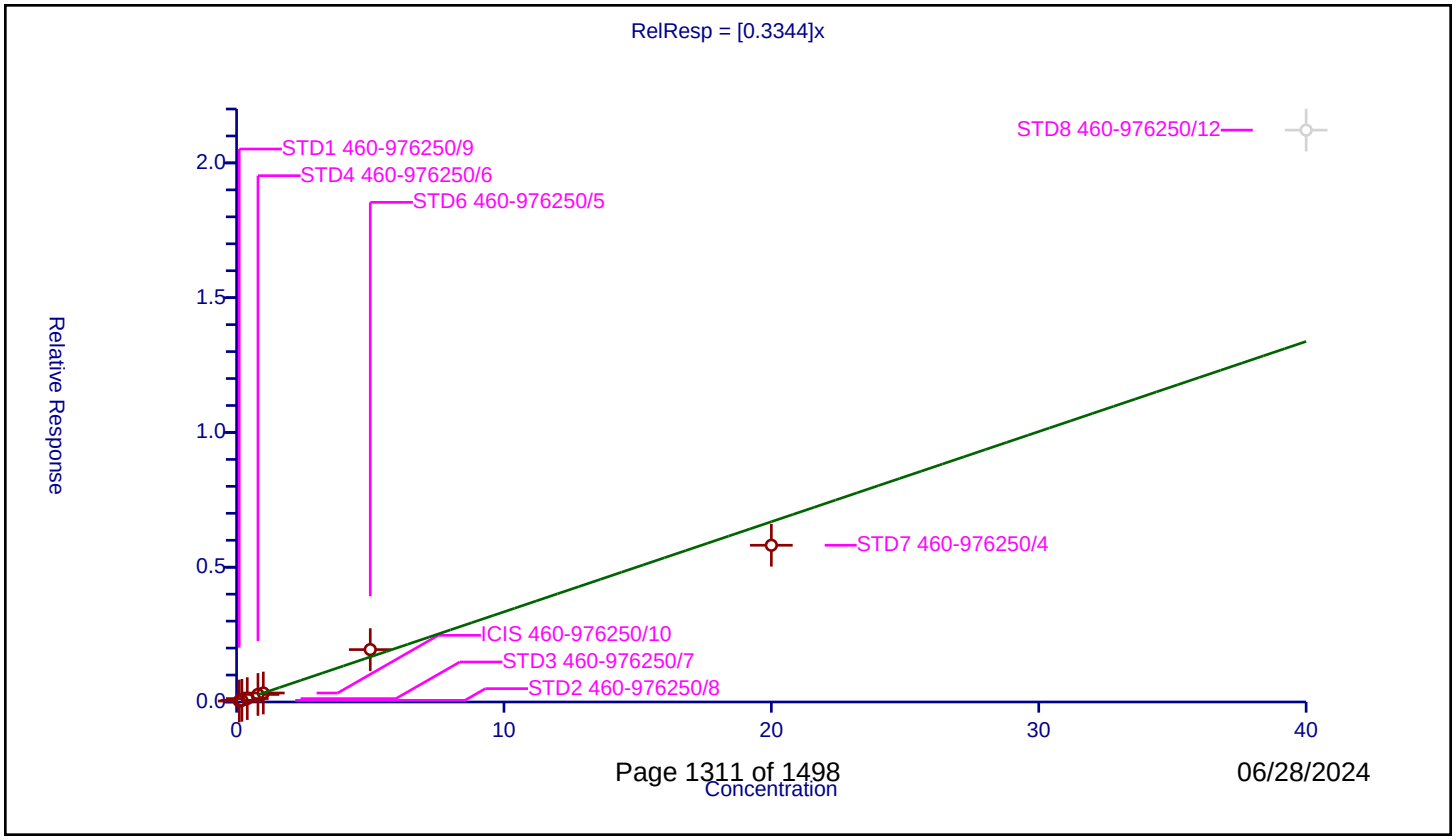
Curve Coefficients

Intercept:	0
Slope:	0.3344

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.1	0.035904	0.2	28069.0	0.359044	Y
2	STD2 460-976250/8	0.2	0.06093	0.2	26102.0	0.304651	Y
3	STD3 460-976250/7	0.4	0.126374	0.2	32350.0	0.315935	Y
4	STD4 460-976250/6	0.8	0.27908	0.2	24775.0	0.34885	Y
5	ICIS 460-976250/10	1.0	0.332898	0.2	24518.0	0.332898	Y
6	STD6 460-976250/5	5.0	1.943586	0.2	25848.0	0.388717	Y
7	STD7 460-976250/4	20.0	5.815365	0.2	23339.0	0.290768	Y
8	STD8 460-976250/12	40.0	21.217114	0.2	29811.0	0.530428	N



06/28/2024

Calibration / Hexachlorobenzene

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

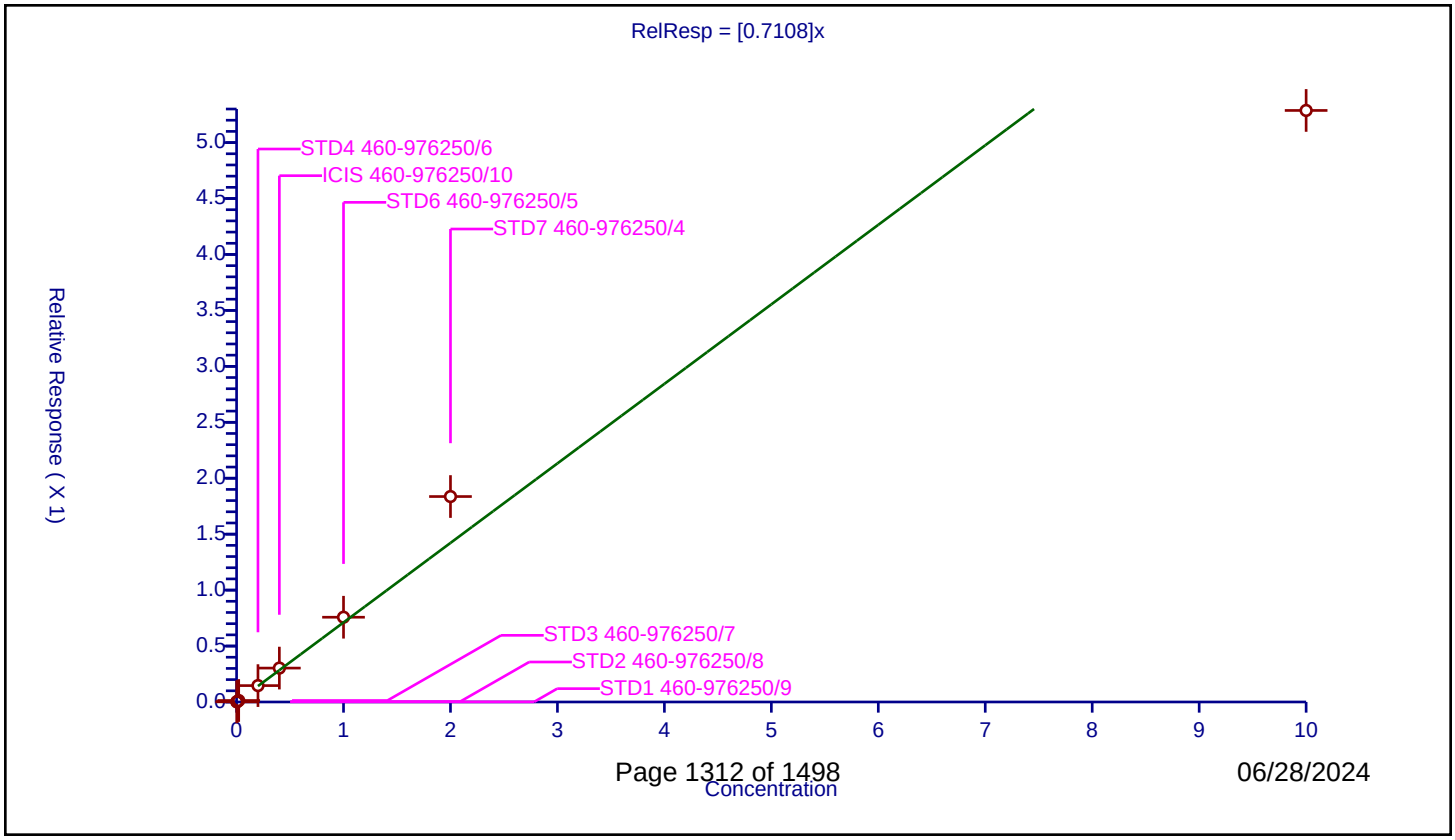
Curve Coefficients

Intercept:	0
Slope:	0.7108

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.002	0.001248	0.2	36698.0	0.624012	Y
2	STD2 460-976250/8	0.005	0.003523	0.2	30142.0	0.704665	Y
3	STD3 460-976250/7	0.02	0.013259	0.2	39067.0	0.662964	Y
4	STD4 460-976250/6	0.2	0.146561	0.2	31756.0	0.732806	Y
5	ICIS 460-976250/10	0.4	0.303087	0.2	31938.0	0.757718	Y
6	STD6 460-976250/5	1.0	0.757537	0.2	31863.0	0.757537	Y
7	STD7 460-976250/4	2.0	1.83628	0.2	28126.0	0.91814	Y
8	STD8 460-976250/12	10.0	5.287099	0.2	38935.0	0.52871	Y



Calibration / Pentachlorophenol

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

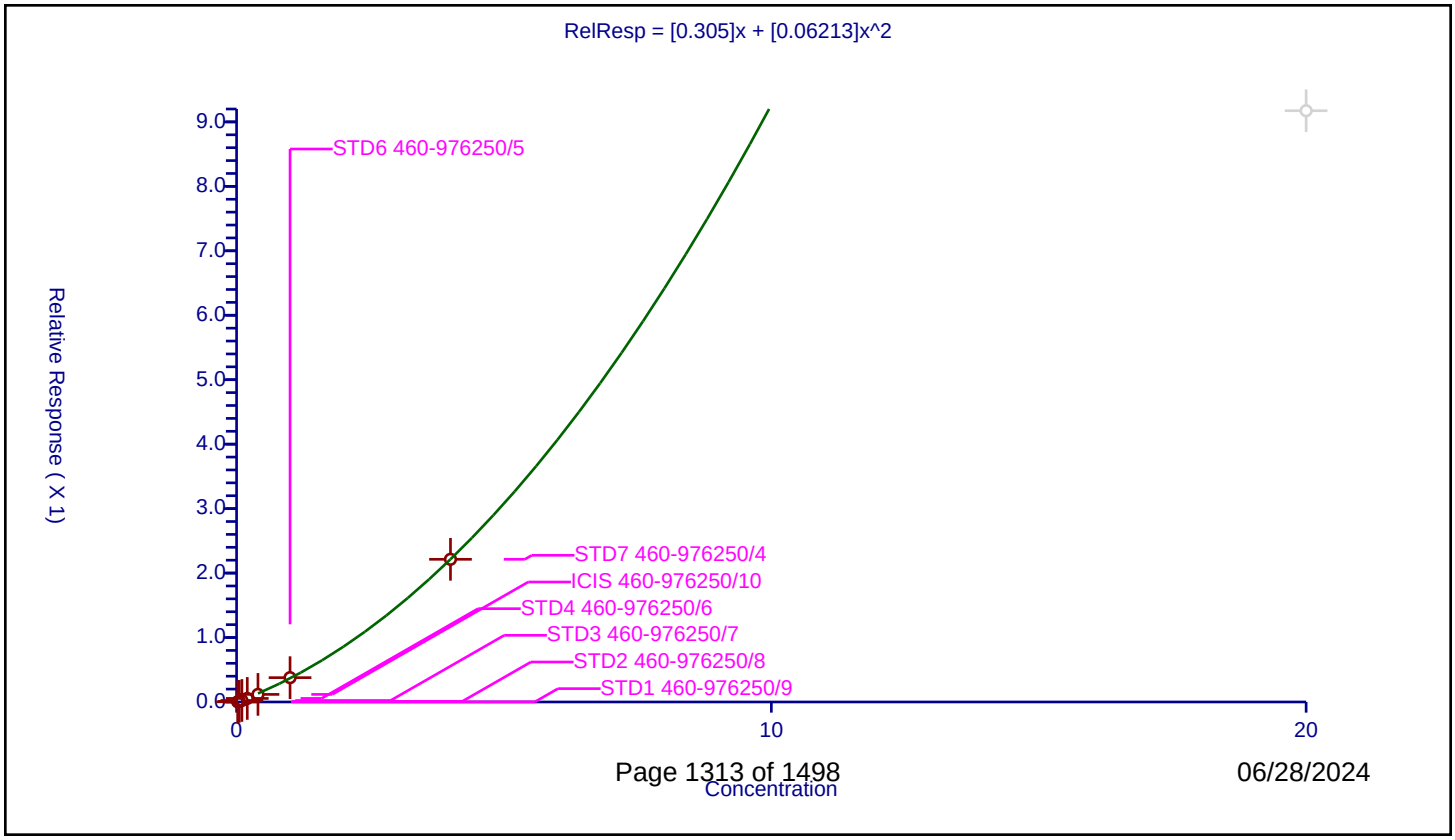
Curve Coefficients

Intercept:	0
Slope:	0.305
Second Order:	0.06213

Error Coefficients

Relative Standard Deviation:	29.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.02	0.003194	0.2	36698.0	0.159682	Y
2	STD2 460-976250/8	0.05	0.009906	0.2	30142.0	0.198129	Y
3	STD3 460-976250/7	0.1	0.023472	0.2	39067.0	0.234725	Y
4	STD4 460-976250/6	0.2	0.055322	0.2	31756.0	0.276609	Y
5	ICIS 460-976250/10	0.4	0.117678	0.2	31938.0	0.294195	Y
6	STD6 460-976250/5	1.0	0.377523	0.2	31863.0	0.377523	Y
7	STD7 460-976250/4	4.0	2.213802	0.2	28126.0	0.553451	Y
8	STD8 460-976250/12	20.0	9.173474	0.2	38935.0	0.458674	N



Calibration / Phenanthrene

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

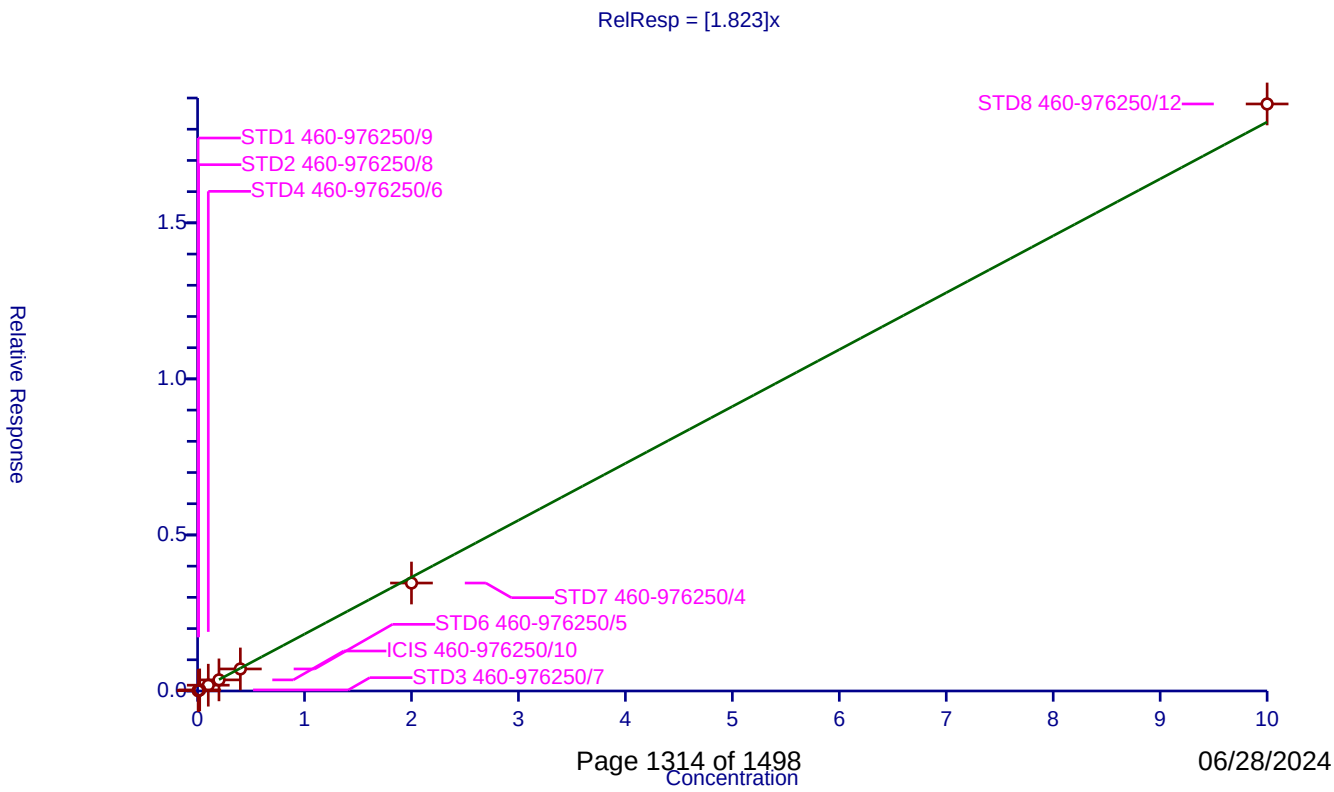
Curve Coefficients

Intercept:	0
Slope:	1.823

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.009543	0.2	36698.0	1.908551	Y
2	STD2 460-976250/8	0.01	0.019322	0.2	30142.0	1.932188	Y
3	STD3 460-976250/7	0.02	0.034664	0.2	39067.0	1.733176	Y
4	STD4 460-976250/6	0.1	0.185571	0.2	31756.0	1.855712	Y
5	ICIS 460-976250/10	0.2	0.35572	0.2	31938.0	1.778602	Y
6	STD6 460-976250/5	0.4	0.706418	0.2	31863.0	1.766045	Y
7	STD7 460-976250/4	2.0	3.459219	0.2	28126.0	1.72961	Y
8	STD8 460-976250/12	10.0	18.809159	0.2	38935.0	1.880916	Y



Calibration / Anthracene

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

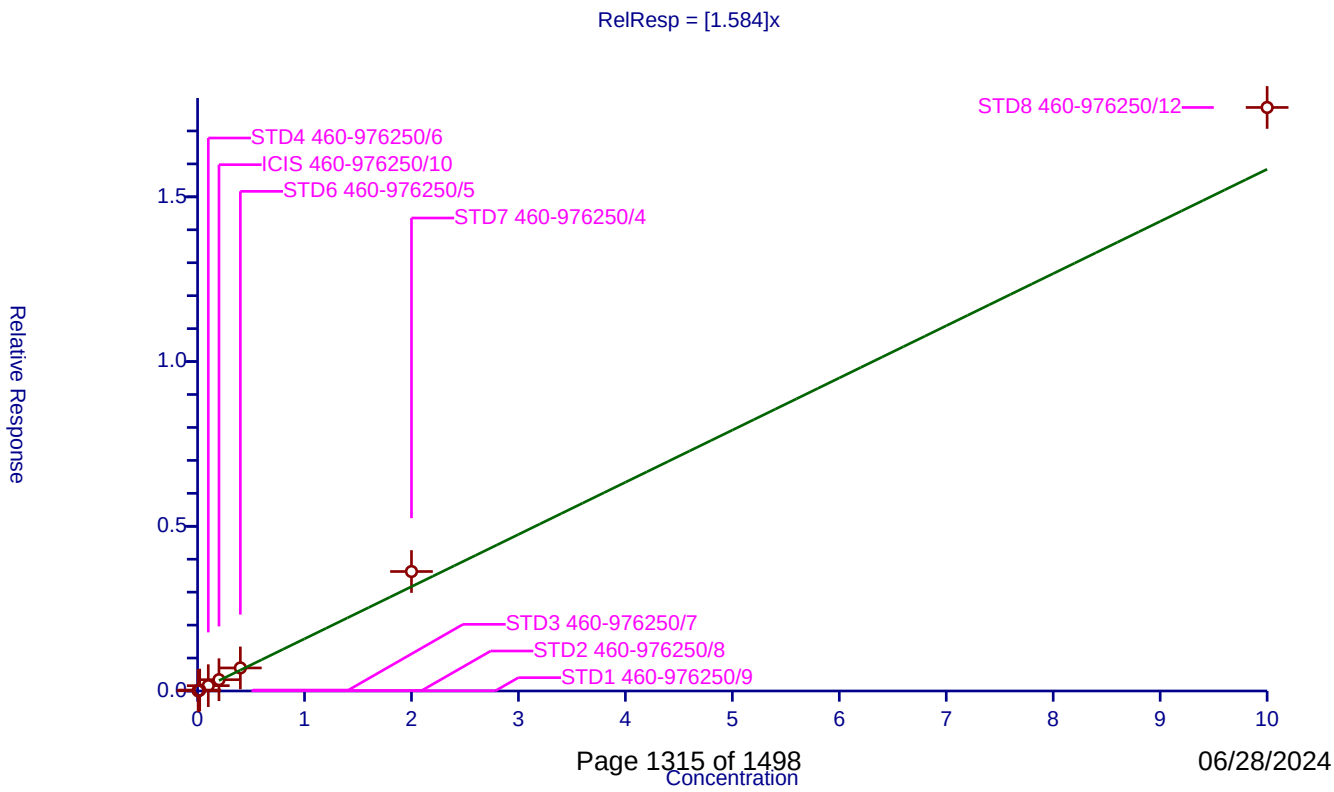
Curve Coefficients

Intercept:	0
Slope:	1.584

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.00666	0.2	36698.0	1.331953	Y
2	STD2 460-976250/8	0.01	0.012839	0.2	30142.0	1.283923	Y
3	STD3 460-976250/7	0.02	0.027819	0.2	39067.0	1.390944	Y
4	STD4 460-976250/6	0.1	0.161381	0.2	31756.0	1.613805	Y
5	ICIS 460-976250/10	0.2	0.343115	0.2	31938.0	1.715574	Y
6	STD6 460-976250/5	0.4	0.699871	0.2	31863.0	1.749678	Y
7	STD7 460-976250/4	2.0	3.626644	0.2	28126.0	1.813322	Y
8	STD8 460-976250/12	10.0	17.713214	0.2	38935.0	1.771321	Y



06/28/2024

Calibration / Fluoranthene

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

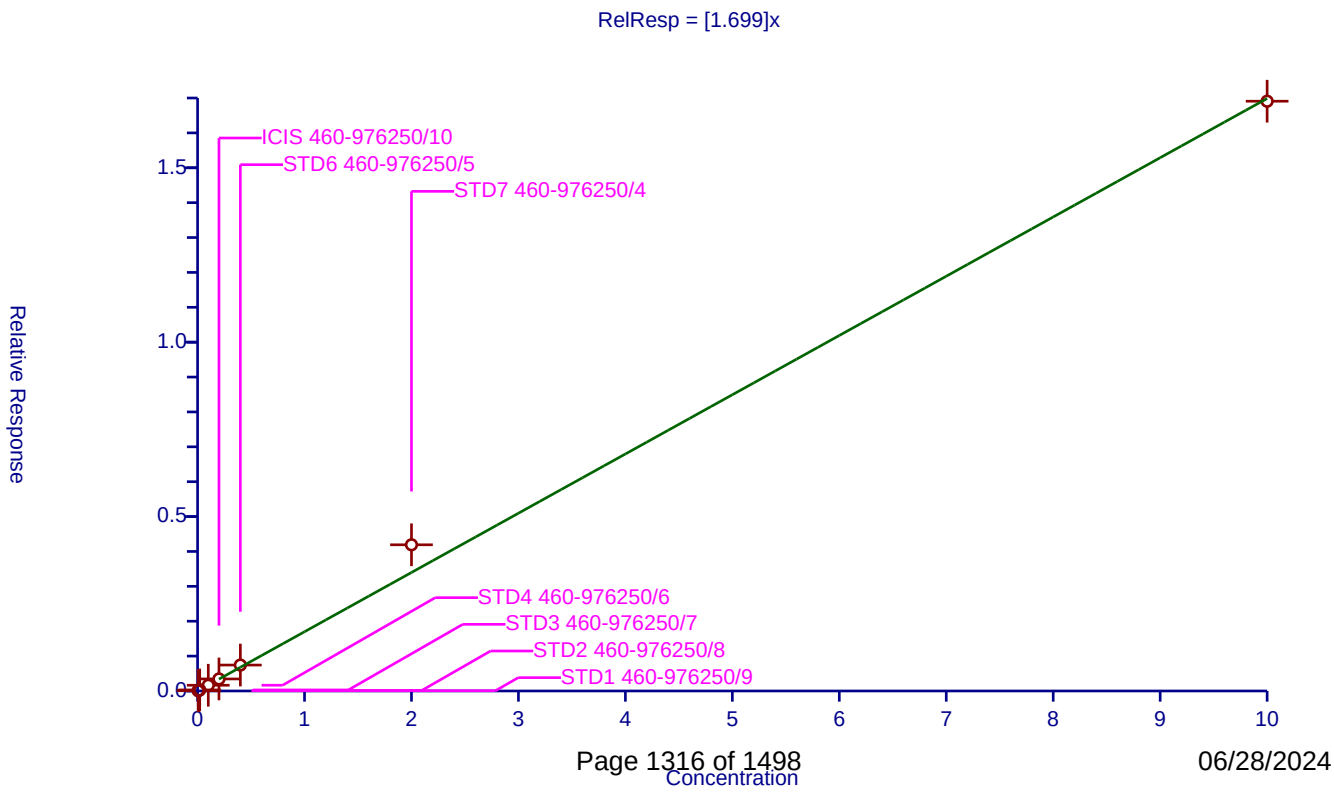
Curve Coefficients

Intercept:	0
Slope:	1.699

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.008175	0.2	36698.0	1.634966	Y
2	STD2 460-976250/8	0.01	0.014239	0.2	30142.0	1.423927	Y
3	STD3 460-976250/7	0.02	0.03023	0.2	39067.0	1.511506	Y
4	STD4 460-976250/6	0.1	0.164756	0.2	31756.0	1.647563	Y
5	ICIS 460-976250/10	0.2	0.345031	0.2	31938.0	1.725155	Y
6	STD6 460-976250/5	0.4	0.743809	0.2	31863.0	1.859524	Y
7	STD7 460-976250/4	2.0	4.191609	0.2	28126.0	2.095805	Y
8	STD8 460-976250/12	10.0	16.908149	0.2	38935.0	1.690815	Y



Calibration / Pyrene

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

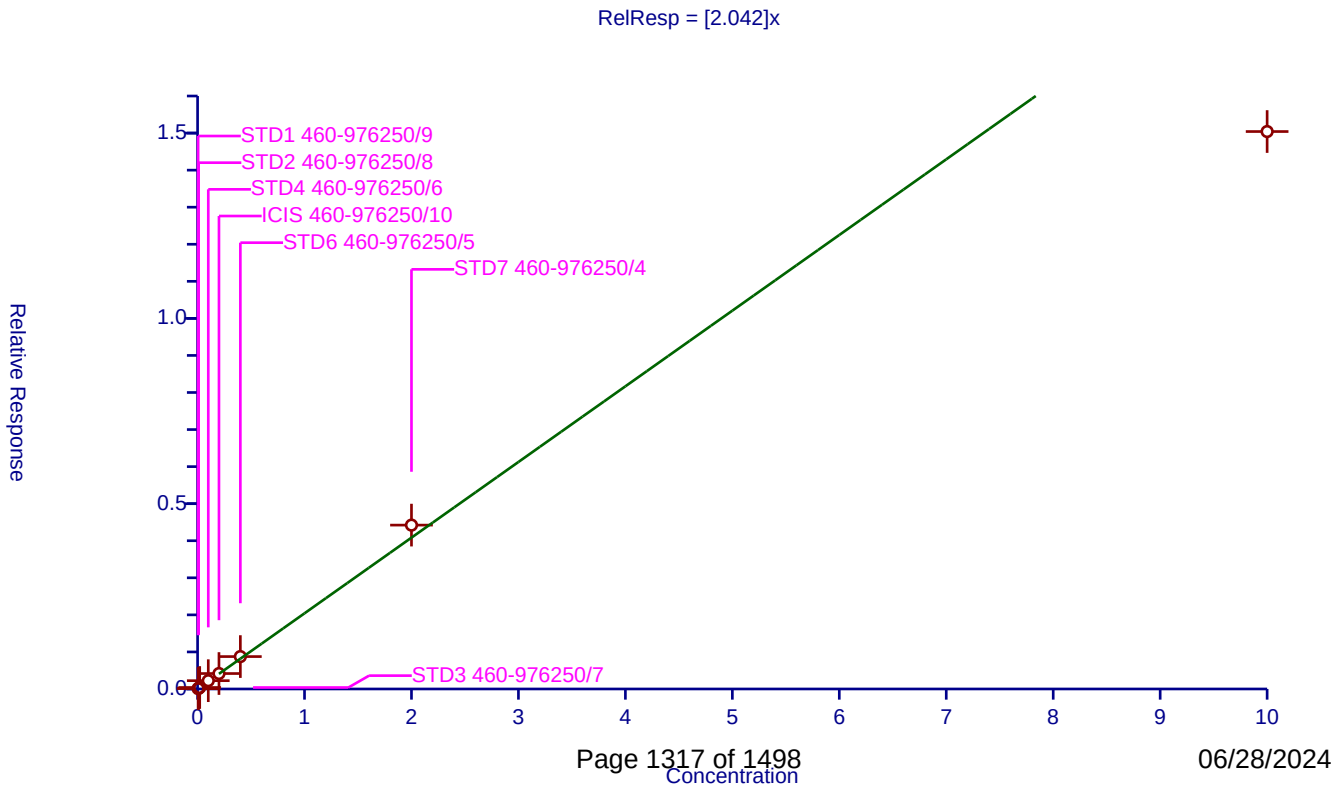
Curve Coefficients

Intercept:	0
Slope:	2.042

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.010306	0.2	28509.0	2.061104	Y
2	STD2 460-976250/8	0.01	0.020611	0.2	22794.0	2.061069	Y
3	STD3 460-976250/7	0.02	0.039659	0.2	31115.0	1.982966	Y
4	STD4 460-976250/6	0.1	0.224243	0.2	23776.0	2.242429	Y
5	ICIS 460-976250/10	0.2	0.416888	0.2	26776.0	2.084441	Y
6	STD6 460-976250/5	0.4	0.874607	0.2	27512.0	2.186519	Y
7	STD7 460-976250/4	2.0	4.421634	0.2	27614.0	2.210817	Y
8	STD8 460-976250/12	10.0	15.041786	0.2	43010.0	1.504179	Y



Calibration / Benzo[a]anthracene

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

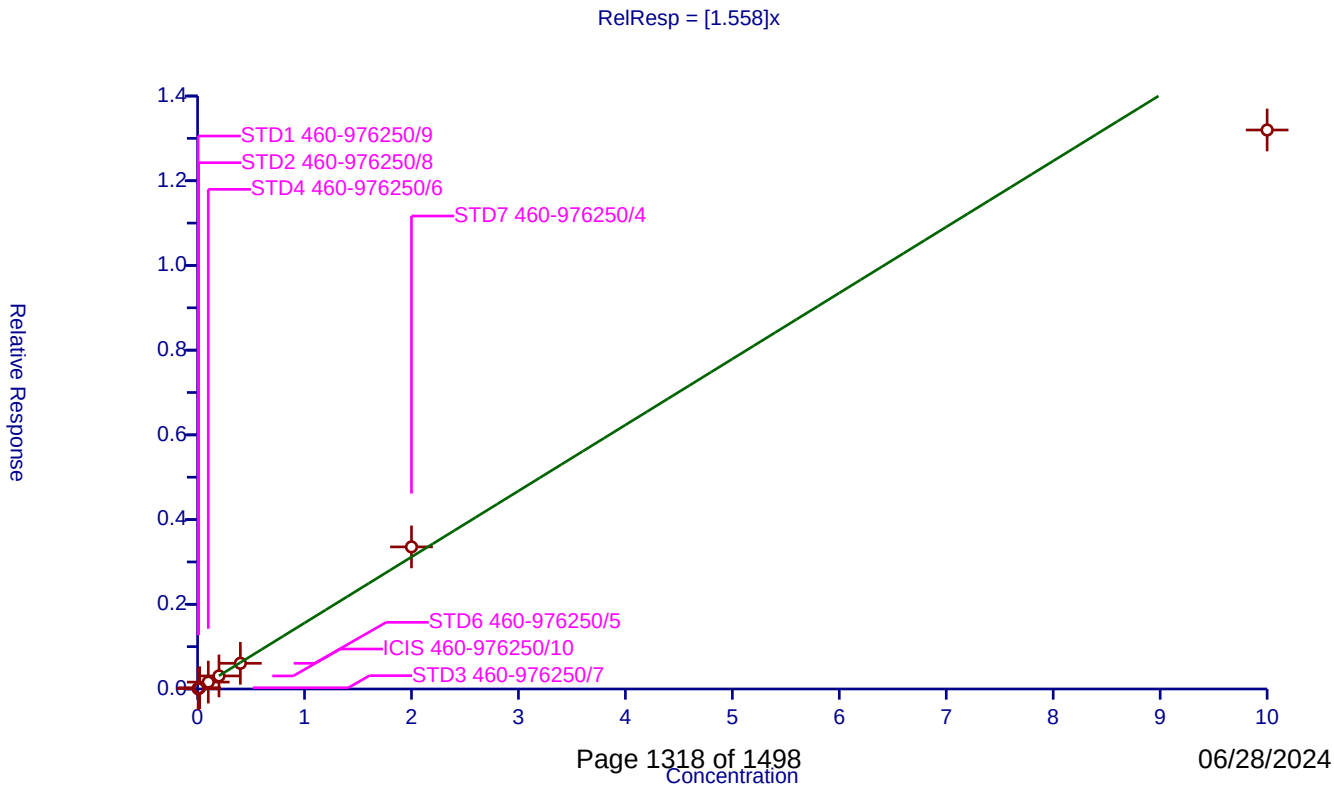
Curve Coefficients

Intercept:	0
Slope:	1.558

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.008622	0.2	28509.0	1.724368	Y
2	STD2 460-976250/8	0.01	0.015671	0.2	22794.0	1.567079	Y
3	STD3 460-976250/7	0.02	0.029934	0.2	31115.0	1.496706	Y
4	STD4 460-976250/6	0.1	0.16245	0.2	23776.0	1.624495	Y
5	ICIS 460-976250/10	0.2	0.30797	0.2	26776.0	1.539849	Y
6	STD6 460-976250/5	0.4	0.606564	0.2	27512.0	1.516411	Y
7	STD7 460-976250/4	2.0	3.354682	0.2	27614.0	1.677341	Y
8	STD8 460-976250/12	10.0	13.197912	0.2	43010.0	1.319791	Y



Calibration / Chrysene

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

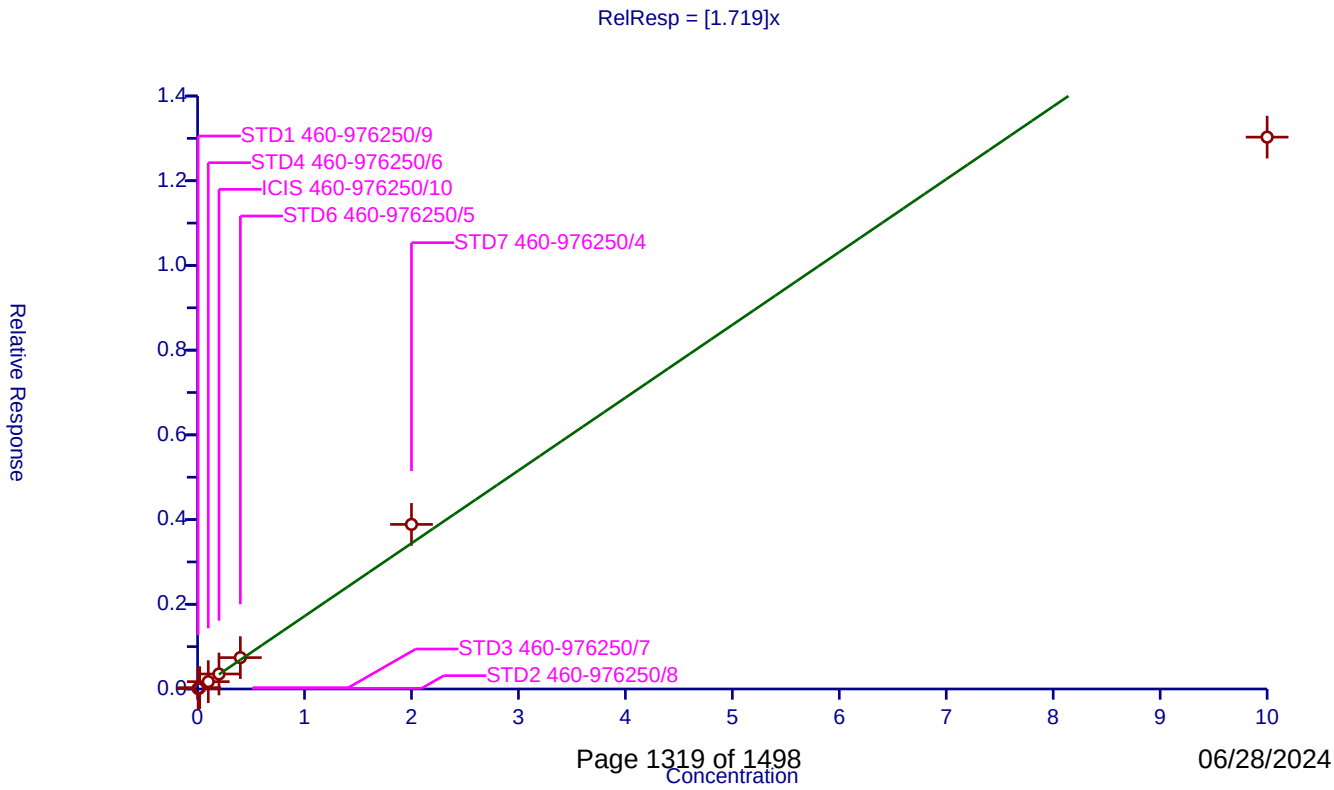
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.009562	0.2	28509.0	1.912379	Y
2	STD2 460-976250/8	0.01	0.016592	0.2	22794.0	1.659209	Y
3	STD3 460-976250/7	0.02	0.03156	0.2	31115.0	1.578017	Y
4	STD4 460-976250/6	0.1	0.173587	0.2	23776.0	1.735868	Y
5	ICIS 460-976250/10	0.2	0.354332	0.2	26776.0	1.771661	Y
6	STD6 460-976250/5	0.4	0.740782	0.2	27512.0	1.851956	Y
7	STD7 460-976250/4	2.0	3.885971	0.2	27614.0	1.942985	Y
8	STD8 460-976250/12	10.0	13.029258	0.2	43010.0	1.302926	Y



06/28/2024

Calibration / Benzo[b]fluoranthene

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

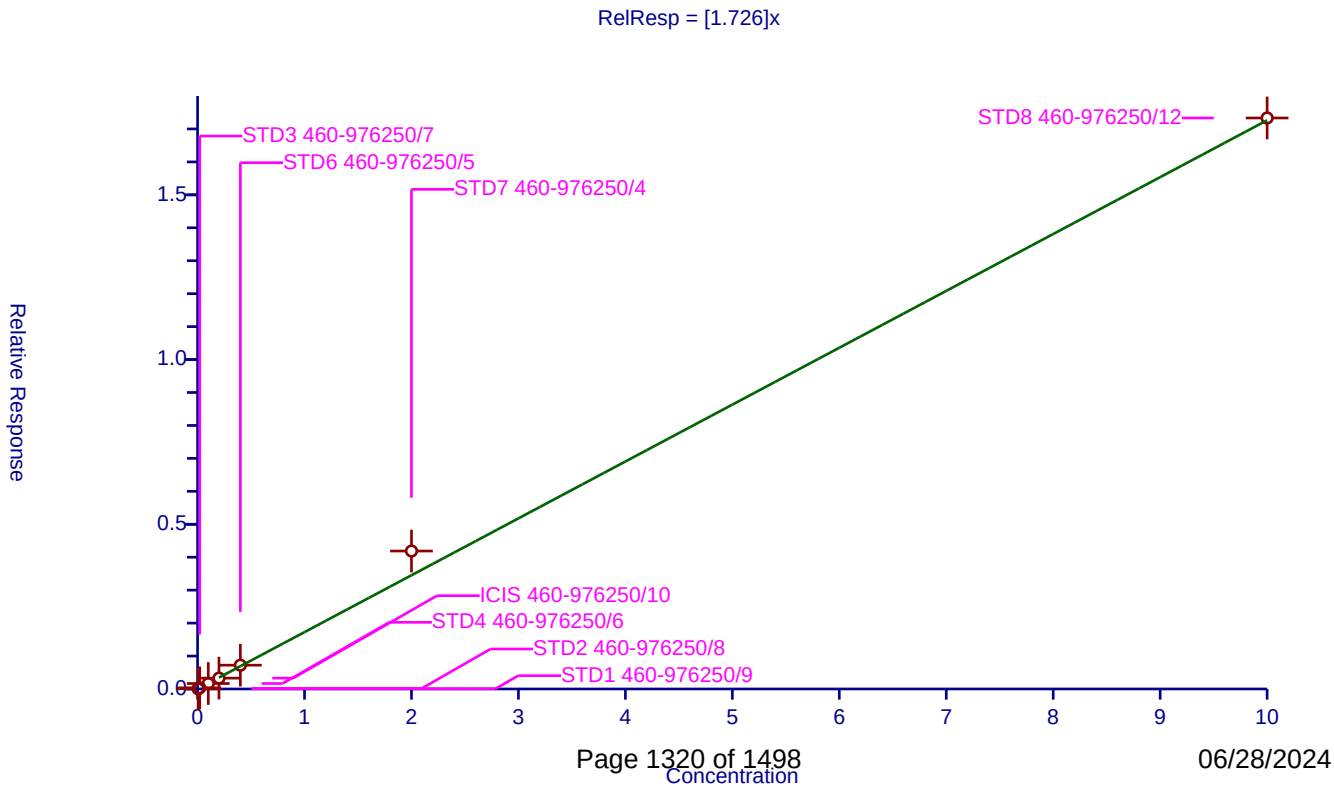
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.007406	0.2	21819.0	1.481278	Y
2	STD2 460-976250/8	0.01	0.015757	0.2	16856.0	1.5757	Y
3	STD3 460-976250/7	0.02	0.036093	0.2	23905.0	1.804643	Y
4	STD4 460-976250/6	0.1	0.166667	0.2	18618.0	1.666667	Y
5	ICIS 460-976250/10	0.2	0.329951	0.2	20046.0	1.649756	Y
6	STD6 460-976250/5	0.4	0.722222	0.2	22230.0	1.805556	Y
7	STD7 460-976250/4	2.0	4.187713	0.2	21975.0	2.093857	Y
8	STD8 460-976250/12	10.0	17.332905	0.2	37526.0	1.733291	Y



Calibration / Benzo[k]fluoranthene

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

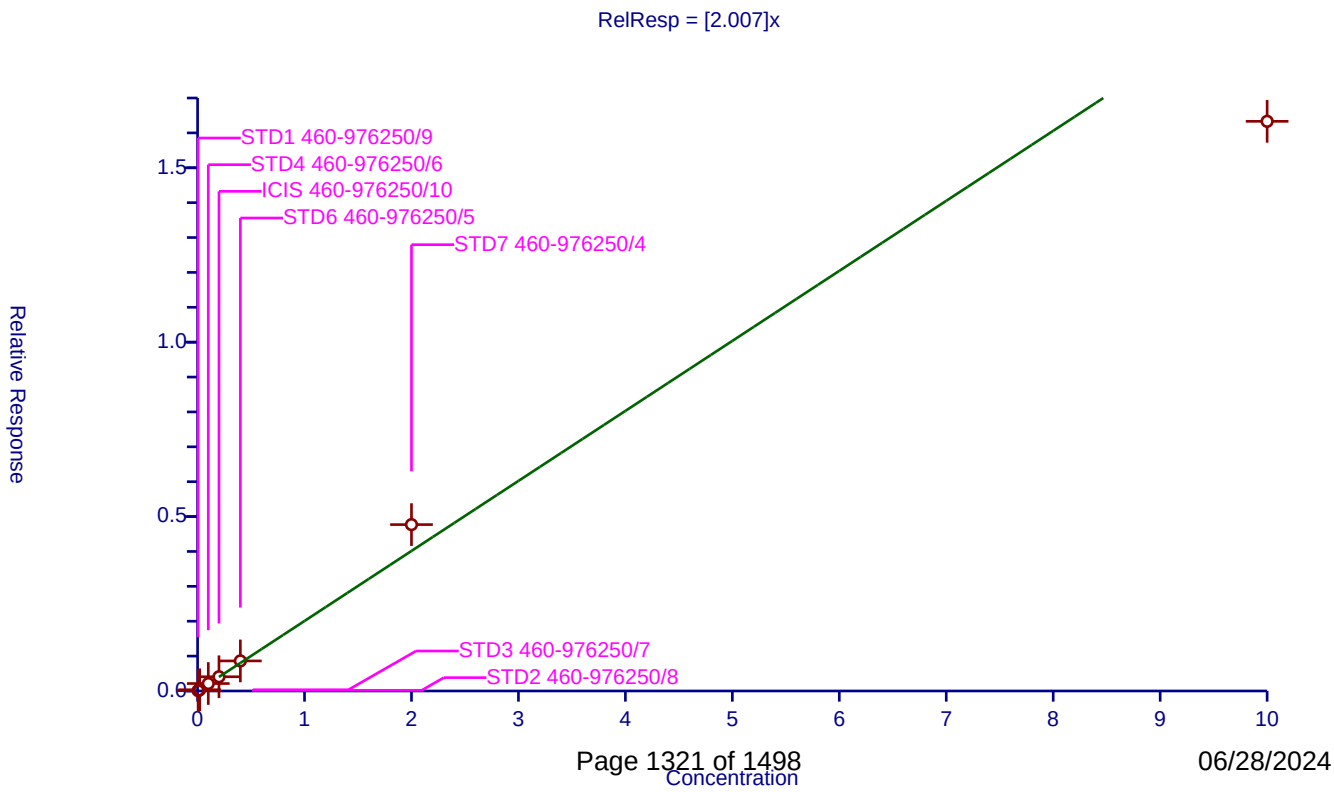
Curve Coefficients

Intercept:	0
Slope:	2.007

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.010275	0.2	21819.0	2.05509	Y
2	STD2 460-976250/8	0.01	0.019305	0.2	16856.0	1.93047	Y
3	STD3 460-976250/7	0.02	0.034478	0.2	23905.0	1.723907	Y
4	STD4 460-976250/6	0.1	0.2136	0.2	18618.0	2.135997	Y
5	ICIS 460-976250/10	0.2	0.408032	0.2	20046.0	2.040158	Y
6	STD6 460-976250/5	0.4	0.862267	0.2	22230.0	2.155668	Y
7	STD7 460-976250/4	2.0	4.770184	0.2	21975.0	2.385092	Y
8	STD8 460-976250/12	10.0	16.331727	0.2	37526.0	1.633173	Y



06/28/2024

Calibration / Benzo[a]pyrene

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

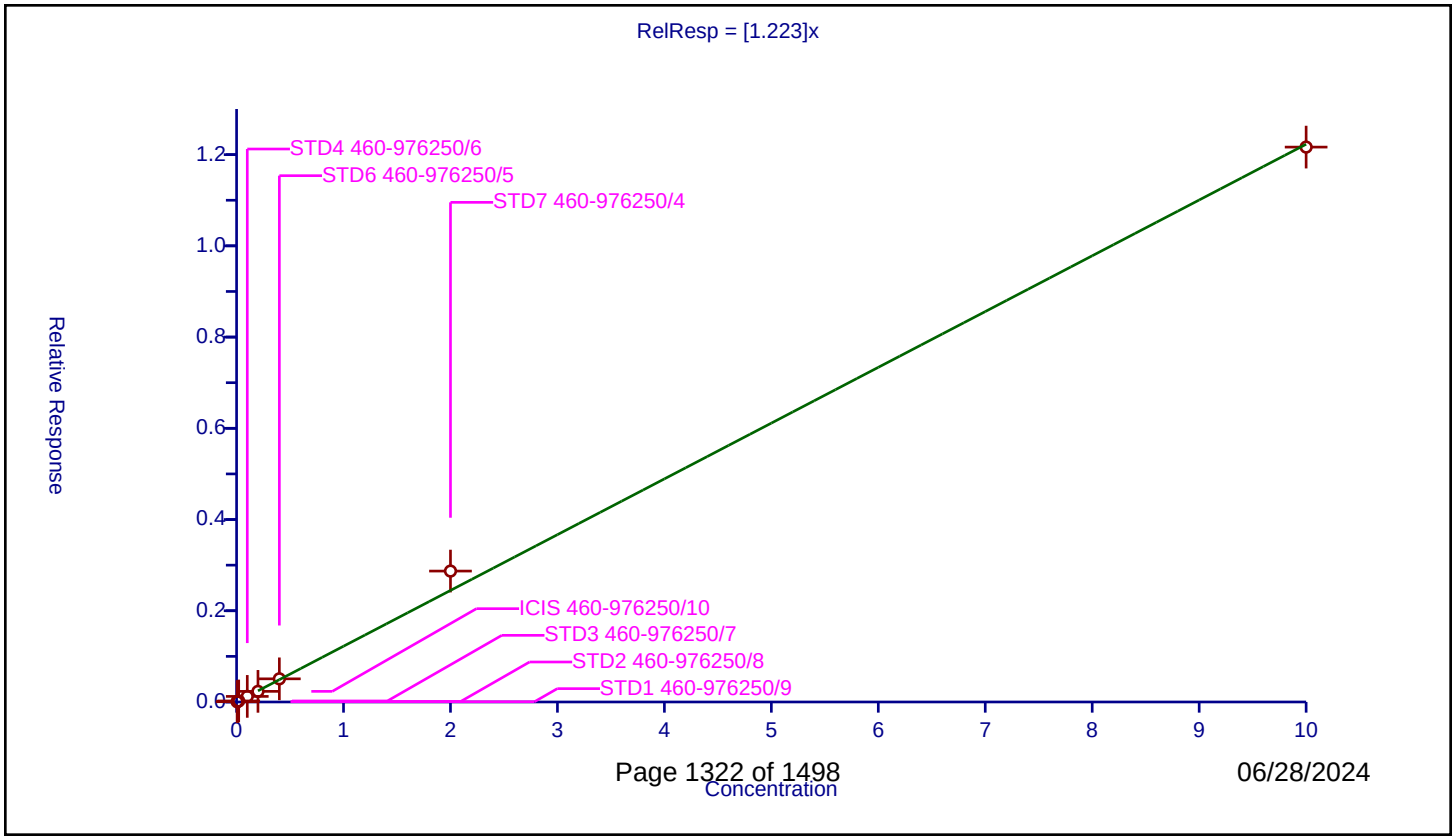
Curve Coefficients

Intercept:	0
Slope:	1.223

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.005986	0.2	21819.0	1.197122	Y
2	STD2 460-976250/8	0.01	0.011474	0.2	16856.0	1.147366	Y
3	STD3 460-976250/7	0.02	0.022522	0.2	23905.0	1.126124	Y
4	STD4 460-976250/6	0.1	0.12257	0.2	18618.0	1.225696	Y
5	ICIS 460-976250/10	0.2	0.232984	0.2	20046.0	1.164921	Y
6	STD6 460-976250/5	0.4	0.5078	0.2	22230.0	1.269501	Y
7	STD7 460-976250/4	2.0	2.870007	0.2	21975.0	1.435003	Y
8	STD8 460-976250/12	10.0	12.165181	0.2	37526.0	1.216518	Y



Calibration / Indeno[1,2,3-cd]pyrene

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

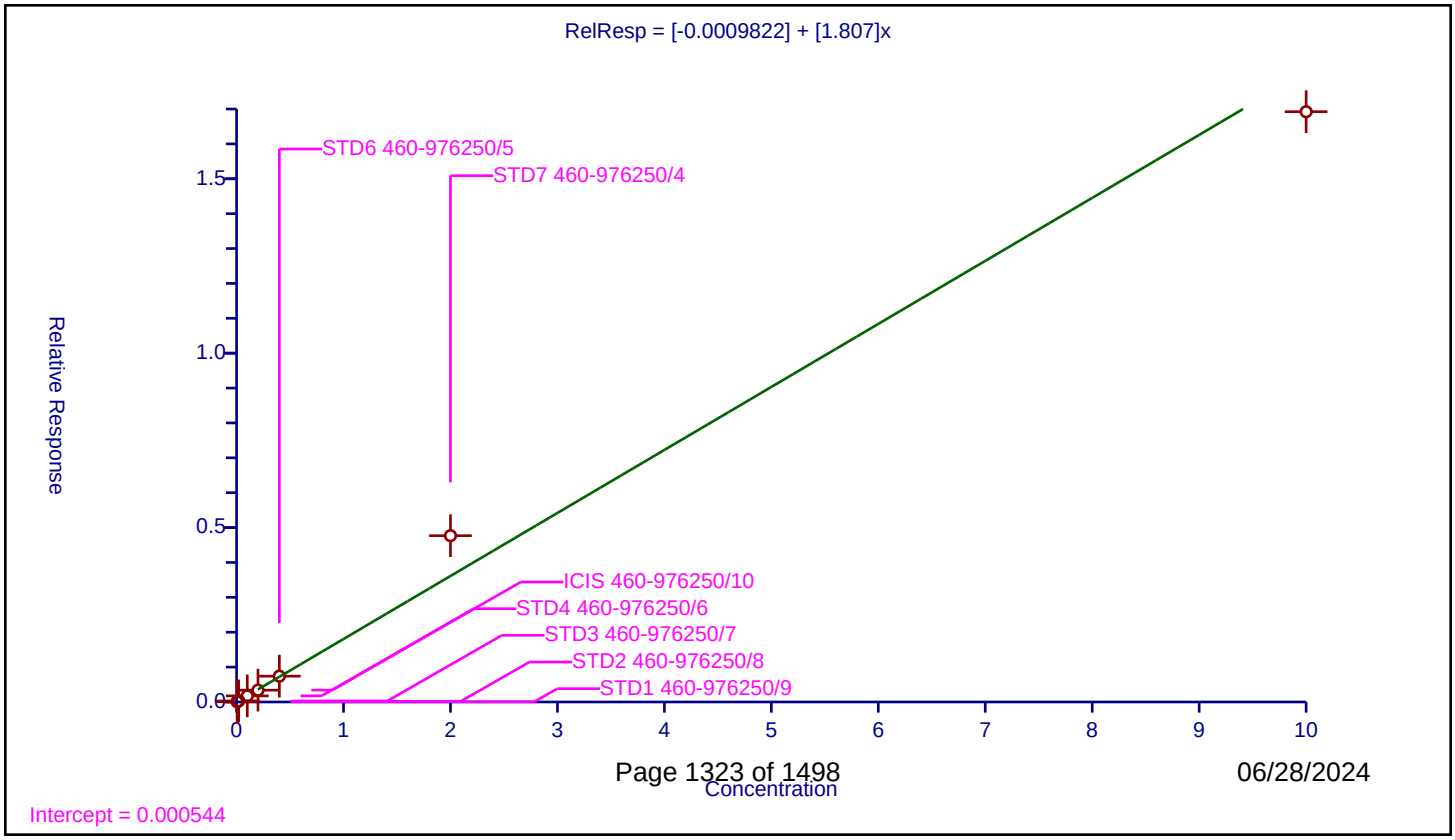
Curve Coefficients

Intercept:	-0.0009822
Slope:	1.807

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.007984	0.2	21819.0	1.596773	Y
2	STD2 460-976250/8	0.01	0.016362	0.2	16856.0	1.636213	Y
3	STD3 460-976250/7	0.02	0.029617	0.2	23905.0	1.480862	Y
4	STD4 460-976250/6	0.1	0.175379	0.2	18618.0	1.753787	Y
5	ICIS 460-976250/10	0.2	0.33926	0.2	20046.0	1.696299	Y
6	STD6 460-976250/5	0.4	0.740567	0.2	22230.0	1.851417	Y
7	STD7 460-976250/4	2.0	4.767518	0.2	21975.0	2.383759	Y
8	STD8 460-976250/12	10.0	16.922678	0.2	37526.0	1.692268	Y



Calibration / Dibenz(a,h)anthracene

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

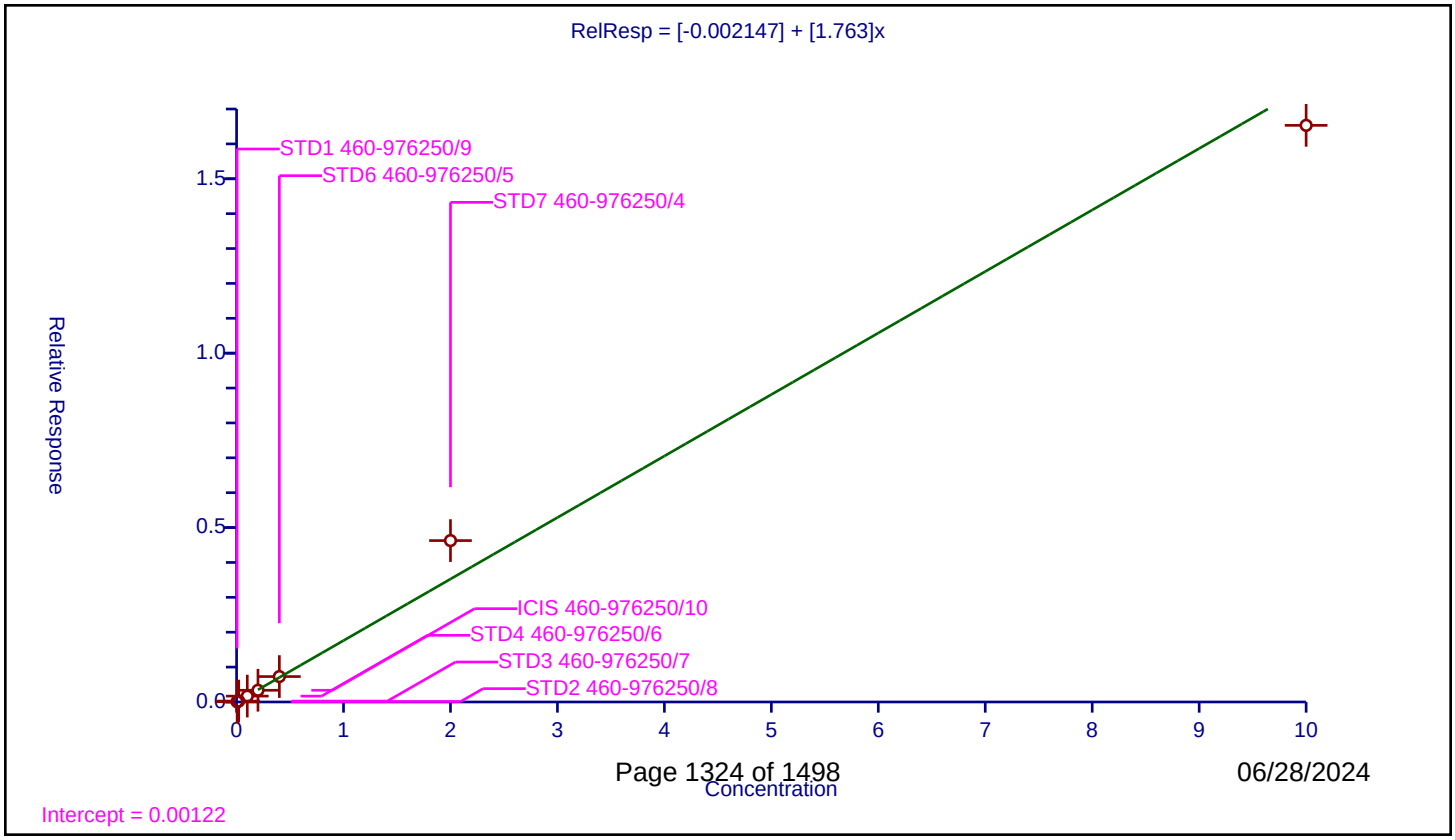
Curve Coefficients

Intercept:	-0.002147
Slope:	1.763

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.007159	0.2	21819.0	1.43178	Y
2	STD2 460-976250/8	0.01	0.014072	0.2	16856.0	1.407214	Y
3	STD3 460-976250/7	0.02	0.026488	0.2	23905.0	1.324409	Y
4	STD4 460-976250/6	0.1	0.168633	0.2	18618.0	1.686325	Y
5	ICIS 460-976250/10	0.2	0.335688	0.2	20046.0	1.67844	Y
6	STD6 460-976250/5	0.4	0.728673	0.2	22230.0	1.821682	Y
7	STD7 460-976250/4	2.0	4.627031	0.2	21975.0	2.313515	Y
8	STD8 460-976250/12	10.0	16.53112	0.2	37526.0	1.653112	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

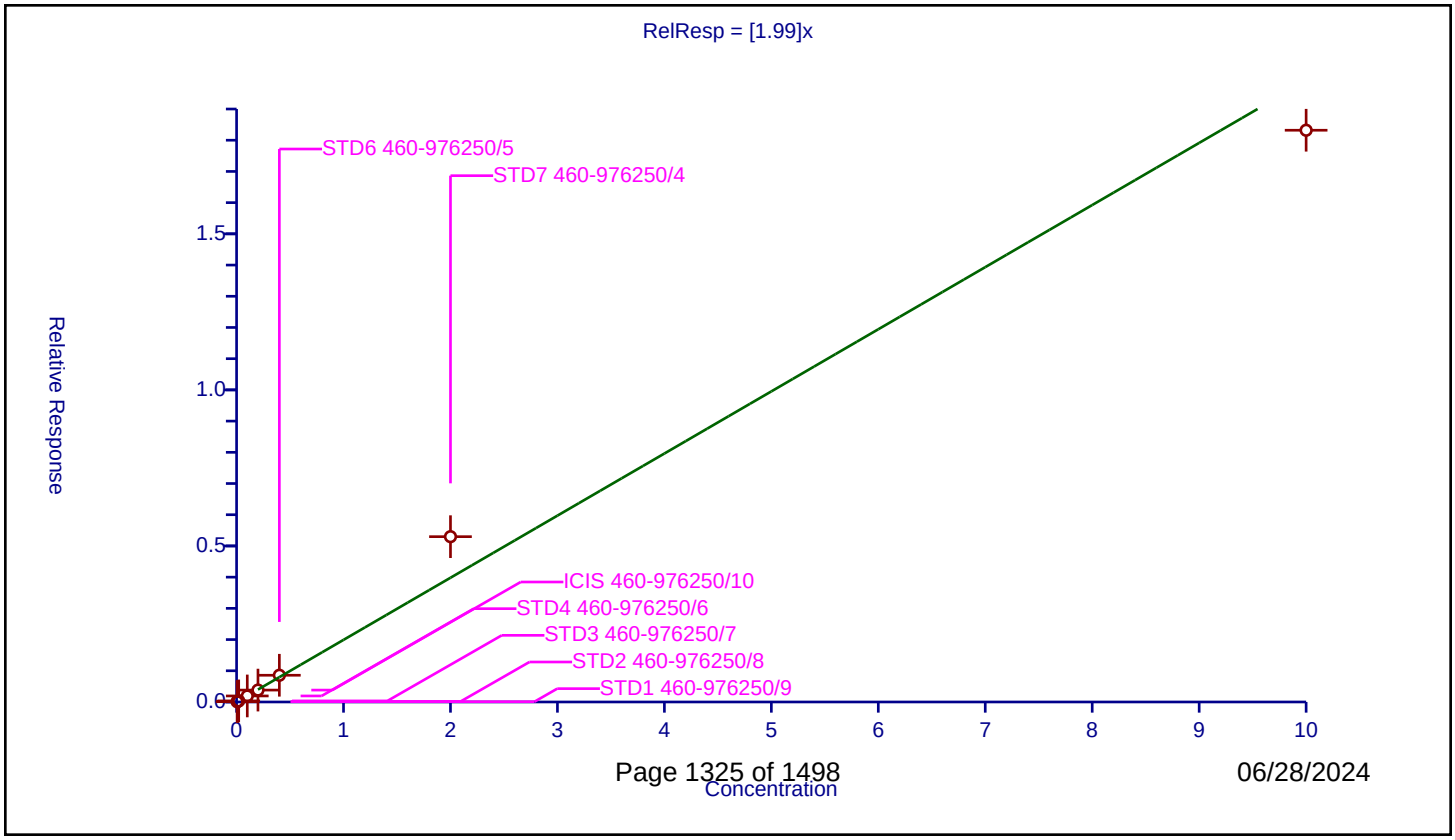
Curve Coefficients

Intercept:	0
Slope:	1.99

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-976250/9	0.005	0.009707	0.2	21819.0	1.941427	Y
2	STD2 460-976250/8	0.01	0.018083	0.2	16856.0	1.808258	Y
3	STD3 460-976250/7	0.02	0.034244	0.2	23905.0	1.712194	Y
4	STD4 460-976250/6	0.1	0.193426	0.2	18618.0	1.934257	Y
5	ICIS 460-976250/10	0.2	0.381223	0.2	20046.0	1.906116	Y
6	STD6 460-976250/5	0.4	0.856203	0.2	22230.0	2.140508	Y
7	STD7 460-976250/4	2.0	5.297174	0.2	21975.0	2.648587	Y
8	STD8 460-976250/12	10.0	18.319672	0.2	37526.0	1.831967	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-976201/12 | Calibration Date: 05/22/2024 11:27

Instrument ID: CBNAMS13 | Calib Start Date: 05/22/2024 08:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/22/2024 11:06

Lab File ID: C303685.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4663	0.4660		800	800	-0.0	30.0
N-Nitrosodimethylamine	Ave	0.5689	0.4751		334	400	-16.5	30.0
Bis(2-chloroethyl)ether	Ave	1.094	1.158	0.7000	423	400	5.8	30.0
Naphthalene	Ave	1.083	1.084	0.7000	200	200	0.0	30.0
Acenaphthylene	Ave	1.981	1.949	0.9000	197	200	-1.6	30.0
Acenaphthene	Ave	1.196	1.181	0.9000	197	200	-1.3	30.0
Fluorene	Ave	1.379	1.379	0.9000	200	200	0.0	30.0
4,6-Dinitro-2-methylphenol	QuaF		0.0761	0.0100	824	800	3.0	30.0
Hexachlorobenzene	Ave	0.3081	0.3275	0.1000	425	400	6.3	30.0
Pentachlorophenol	QuaF		0.1303	0.0500	375	400	-6.1	30.0
Phenanthrene	Ave	1.189	1.157	0.7000	195	200	-2.6	30.0
Anthracene	Ave	0.9920	1.129	0.7000	228	200	13.8	30.0
Fluoranthene	Ave	1.111	1.100	0.6000	198	200	-1.0	30.0
Pyrene	Ave	1.888	1.853	0.6000	196	200	-1.8	30.0
Benzo[a]anthracene	Ave	1.356	1.266	0.8000	187	200	-6.7	30.0
Chrysene	Ave	1.540	1.549	0.7000	201	200	0.6	30.0
Benzo[b]fluoranthene	Ave	1.605	1.697		212	200	5.8	30.0
Benzo[k]fluoranthene	Ave	1.694	1.703	0.7000	201	200	0.5	30.0
Benzo[a]pyrene	Ave	1.097	1.233	0.7000	225	200	12.4	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.528	1.349	0.5000	177	200	-11.7	30.0
Dibenz(a,h)anthracene	Ave	1.550	1.402	0.4000	181	200	-9.6	30.0
Benzo[g,h,i]perylene	Ave	1.662	1.490	0.5000	179	200	-10.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303685.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-May-2024 11:27:30 ALS Bottle#: 11 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-012
Operator ID: Instrument ID: CBNAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 11:59:54 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 12:00:09

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	1.393	1.409	-0.016	83	30928	0.8000	0.7996	
2 N-Nitrosodimethylamine	74	1.611	1.622	-0.011	70	15765	0.4000	0.3341	
3 Bis(2-chloroethyl)ether	93	3.621	3.621	0.000	91	38413	0.4000	0.4231	
* 4 1,4-Dichlorobenzene-d4	152	3.870	3.870	0.000	100	16591	0.2000	0.2000	
* 7 Naphthalene-d8	136	5.101	5.106	-0.005	100	54284	0.2000	0.2000	
8 Naphthalene	128	5.122	5.122	0.000	100	58819	0.2000	0.2000	
10 Acenaphthylene	152	6.625	6.634	-0.009	100	49747	0.2000	0.1968	
* 11 Acenaphthene-d10	164	6.770	6.770	0.000	98	25528	0.2000	0.2000	
12 Acenaphthene	154	6.797	6.797	0.000	79	30146	0.2000	0.1975	
13 Fluorene	166	7.284	7.284	0.000	99	35203	0.2000	0.2000	
14 4,6-Dinitro-2-methylphenol	198	7.356	7.356	0.000	96	13893	0.8000	0.8236	
15 Hexachlorobenzene	284	7.808	7.808	0.000	97	29902	0.4000	0.4252	
16 Pentachlorophenol	266	7.997	7.997	0.000	99	11899	0.4000	0.3755	
* 17 Phenanthrene-d10	188	8.160	8.160	0.000	99	45658	0.2000	0.2000	
18 Phenanthrene	178	8.187	8.187	0.000	35	52846	0.2000	0.1948	
19 Anthracene	178	8.232	8.232	0.000	99	51535	0.2000	0.2276	
20 Fluoranthene	202	9.304	9.304	0.000	100	50211	0.2000	0.1979	
21 Pyrene	202	9.508	9.508	0.000	100	50693	0.2000	0.1964	
24 Benzo[a]anthracene	228	10.682	10.682	0.000	47	34613	0.2000	0.1867	
* 25 Chrysene-d12	240	10.688	10.688	0.000	89	27351	0.2000	0.2000	
26 Chrysene	228	10.715	10.715	0.000	100	42365	0.2000	0.2011	
27 Benzo[b]fluoranthene	252	11.894	11.901	-0.007	100	35384	0.2000	0.2116	
28 Benzo[k]fluoranthene	252	11.927	11.934	-0.007	98	35509	0.2000	0.2011	
29 Benzo[a]pyrene	252	12.296	12.296	0.000	100	25707	0.2000	0.2248	
* 30 Perylene-d12	264	12.369	12.369	0.000	100	20845	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.766	13.766	0.000	100	28128	0.2000	0.1766	
32 Dibenz(a,h)anthracene	278	13.812	13.812	0.000	46	29217	0.2000	0.1808	
33 Benzo[g,h,i]perylene	276	14.103	14.103	0.001	98	31066	0.2000	0.1793	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00037 Amount Added: 1.00 Units: mL

Report Date: 22-May-2024 12:00:10 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303685.D

Injection Date: 22-May-2024 11:27:30 Instrument ID: CBNAMS13 Operator ID:

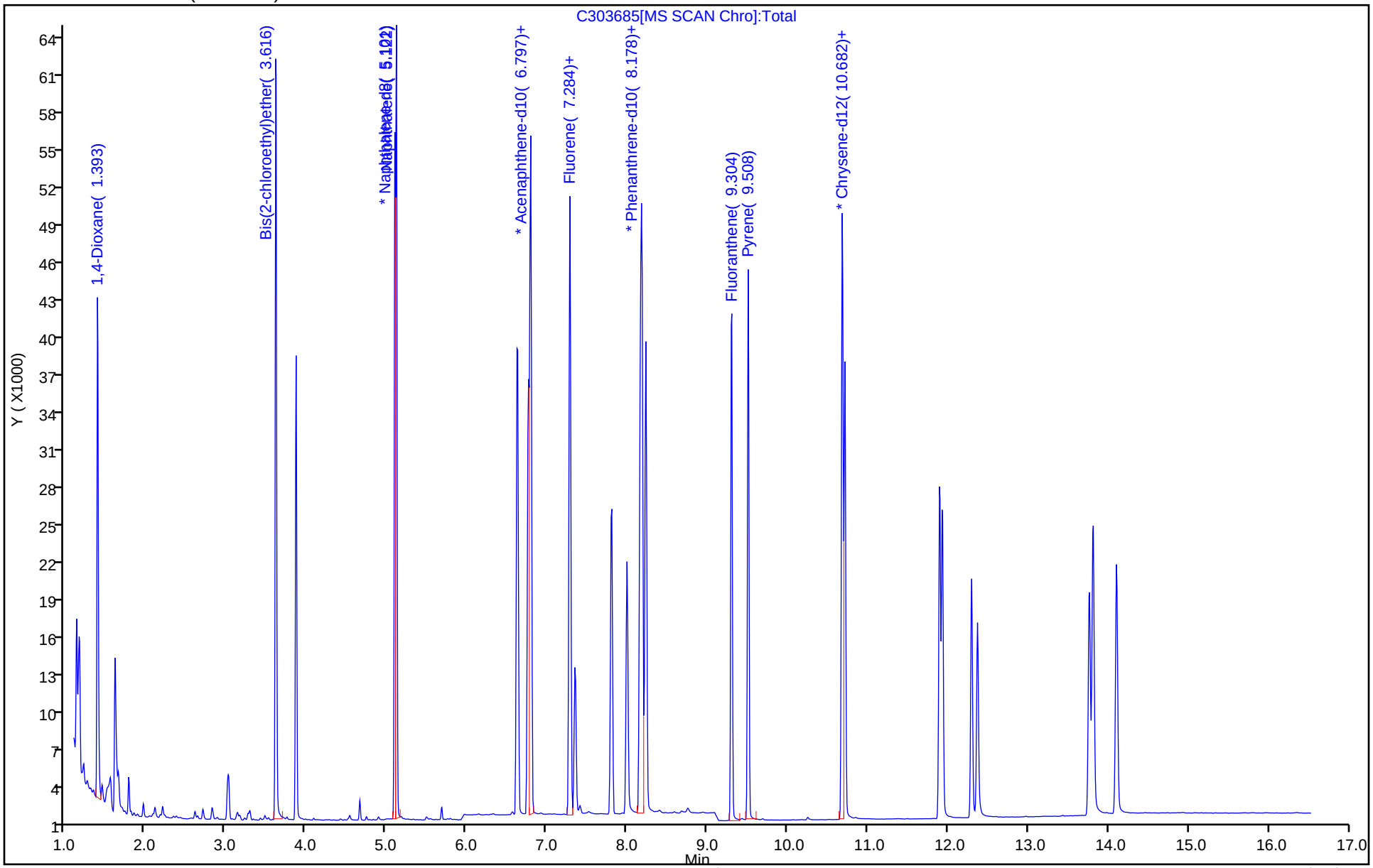
Lims ID: ICV Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981870/2 | Calibration Date: 06/24/2024 09:14

Instrument ID: CBNAMS13 | Calib Start Date: 05/22/2024 08:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/22/2024 11:06

Lab File ID: C304324.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4663	0.3601		618	800	-22.8*	20.0
N-Nitrosodimethylamine	Ave	0.5689	0.4476		315	400	-21.3*	20.0
Bis(2-chloroethyl)ether	Ave	1.094	1.009	0.7000	369	400	-7.8	20.0
Naphthalene	Ave	1.083	0.9889	0.7000	183	200	-8.7	20.0
Acenaphthylene	Ave	1.981	1.893	0.9000	191	200	-4.4	20.0
Acenaphthene	Ave	1.196	1.101	0.9000	184	200	-8.0	20.0
Fluorene	Ave	1.379	1.299	0.9000	188	200	-5.8	20.0
4,6-Dinitro-2-methylphenol	QuaF		0.0865	0.0100	914	800	14.2	20.0
Hexachlorobenzene	Ave	0.3081	0.3865	0.1000	502	400	25.5*	20.0
Pentachlorophenol	QuaF		0.1347	0.0500	387	400	-3.1	20.0
Phenanthrene	Ave	1.189	1.159	0.7000	195	200	-2.5	20.0
Anthracene	Ave	0.9920	1.045	0.7000	211	200	5.3	20.0
Fluoranthene	Ave	1.111	0.9399	0.6000	169	200	-15.4	20.0
Pyrene	Ave	1.888	1.797	0.6000	190	200	-4.8	20.0
Benzo[a]anthracene	Ave	1.356	1.367	0.8000	202	200	0.8	20.0
Chrysene	Ave	1.540	1.672	0.7000	217	200	8.5	20.0
Benzo[b]fluoranthene	Ave	1.605	1.417		177	200	-11.7	20.0
Benzo[k]fluoranthene	Ave	1.694	1.506	0.7000	178	200	-11.1	20.0
Benzo[a]pyrene	Ave	1.097	1.219	0.7000	222	200	11.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.528	1.178	0.5000	154	200	-22.9*	20.0
Dibenz(a,h)anthracene	Ave	1.550	1.101	0.4000	142	200	-29.0*	20.0
Benzo[g,h,i]perylene	Ave	1.662	1.585	0.5000	191	200	-4.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304324.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2024 09:14:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 11:06:40 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: QQ8R Date: 24-Jun-2024 09:34:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.315	1.315	0.000	79	26963	0.8000	0.6178	
2 N-Nitrosodimethylamine	74	1.528	1.528	0.000	64	16759	0.4000	0.3147	
3 Bis(2-chloroethyl)ether	93	3.496	3.496	0.000	90	37760	0.4000	0.3686	
* 4 1,4-Dichlorobenzene-d4	152	3.745	3.745	0.000	100	18720	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.296	4.296	0.000	92	86775	1.00	0.9208	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	59453	0.2000	0.2000	
8 Naphthalene	128	5.007	5.007	0.000	99	58796	0.2000	0.1826	
$ 9 2-Fluorobiphenyl	172	6.038	6.038	0.000	100	250923	1.00	1.07	
10 Acenaphthylene	152	6.517	6.517	0.000	100	54751	0.2000	0.1912	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	28923	0.2000	0.2000	
12 Acenaphthene	154	6.679	6.679	0.000	80	31845	0.2000	0.1841	
13 Fluorene	166	7.167	7.167	0.000	97	37564	0.2000	0.1884	
14 4,6-Dinitro-2-methylphenol	198	7.239	7.239	0.000	97	15801	0.8000	0.9140	
$ 23 2,4,6-Tribromophenol	330	7.401	7.401	0.000	99	40816	1.00	1.16	
15 Hexachlorobenzene	284	7.690	7.690	0.000	95	35307	0.4000	0.5018	
16 Pentachlorophenol	266	7.880	7.880	0.000	98	12307	0.4000	0.3875	
* 17 Phenanthrene-d10	188	8.042	8.042	0.000	100	45681	0.2000	0.2000	
18 Phenanthrene	178	8.069	8.069	0.000	37	52942	0.2000	0.1950	
19 Anthracene	178	8.115	8.115	0.000	100	47734	0.2000	0.2107	
20 Fluoranthene	202	9.185	9.185	0.000	100	42936	0.2000	0.1692	
21 Pyrene	202	9.389	9.389	0.000	100	43198	0.2000	0.1904	
$ 22 Terphenyl-d14	244	9.574	9.574	0.000	99	128046	1.00	1.10	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	40	32845	0.2000	0.2016	
* 25 Chrysene-d12	240	10.556	10.556	0.000	87	24033	0.2000	0.2000	
26 Chrysene	228	10.583	10.583	0.000	100	40174	0.2000	0.2171	
27 Benzo[b]fluoranthene	252	11.729	11.729	0.000	100	49206	0.2000	0.1766	
28 Benzo[k]fluoranthene	252	11.762	11.762	0.000	96	52287	0.2000	0.1777	
29 Benzo[a]pyrene	252	12.118	12.118	0.000	99	42332	0.2000	0.2222	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	34729	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.555	13.555	0.000	100	40908	0.2000	0.1542	
32 Dibenz(a,h)anthracene	278	13.601	13.601	0.000	46	38249	0.2000	0.1421	

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	13.885	13.885	0.000	99	55055	0.2000	0.1907	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00020 Amount Added: 1.00 Units: mL

Report Date: 24-Jun-2024 11:06:41 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304324.D

Injection Date: 24-Jun-2024 09:14:30 Instrument ID: CBNAMS13 Operator ID:

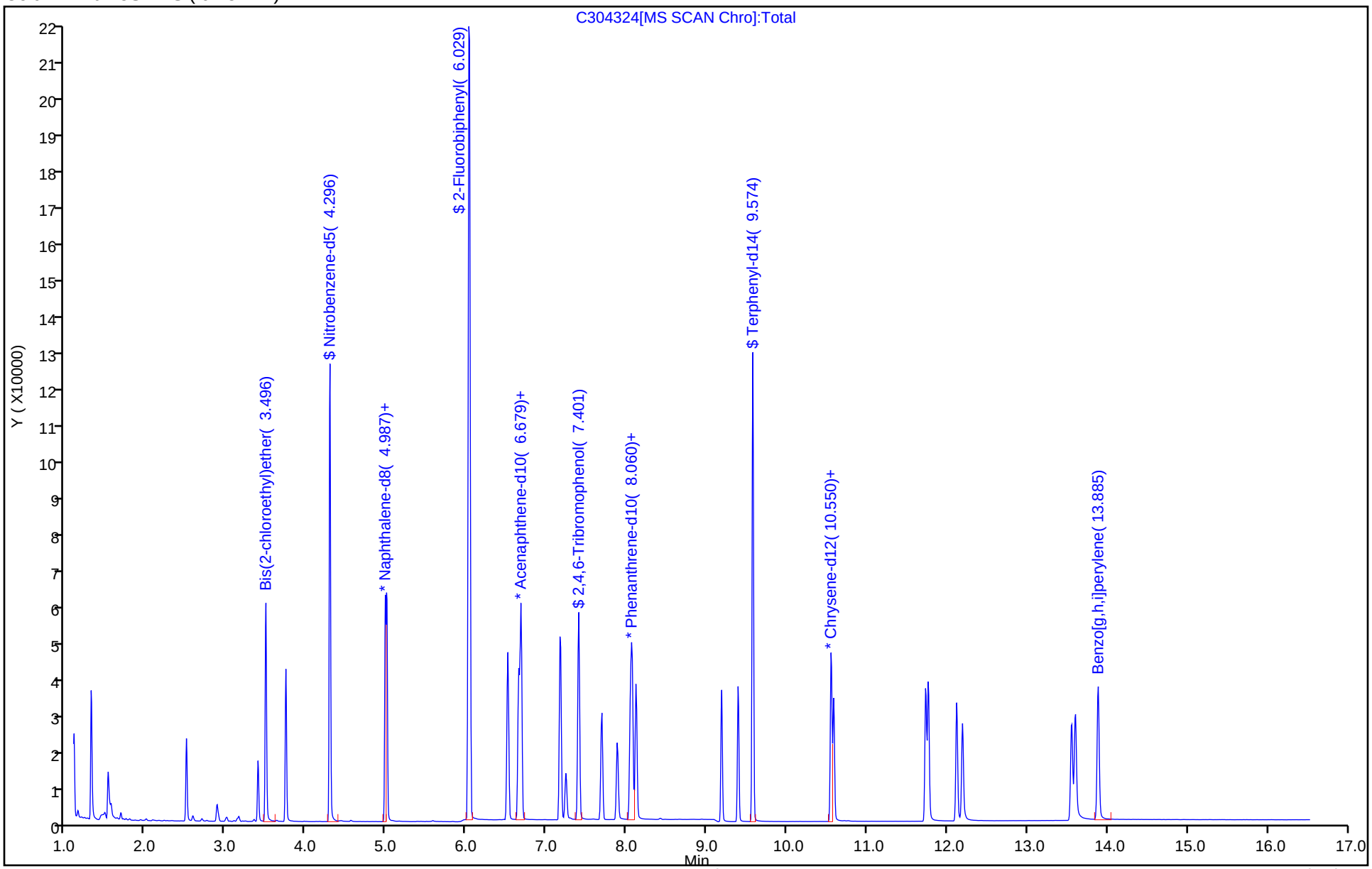
Lims ID: CCVIS Worklist Smp#: 2

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)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-976650/11 | Calibration Date: 05/24/2024 10:07

Instrument ID: CBNAMS4 | Calib Start Date: 05/24/2024 06:48

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/24/2024 09:46

Lab File ID: U26759.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin2		0.4592		793	800	-0.8	30.0
N-Nitrosodimethylamine	Ave	0.5887	0.5136		349	400	-12.8	30.0
Bis(2-chloroethyl)ether	Ave	1.050	1.125	0.7000	429	400	7.1	30.0
Naphthalene	Ave	1.047	1.059	0.7000	202	200	1.2	30.0
Acenaphthylene	Ave	1.463	1.336	0.9000	183	200	-8.7	30.0
Acenaphthene	Ave	1.064	1.121	0.9000	211	200	5.4	30.0
Fluorene	Ave	1.043	0.9009	0.9000	173	200	-13.7	30.0
4,6-Dinitro-2-methylphenol	QuaF		0.0976	0.0100	829	800	3.6	30.0
Hexachlorobenzene	QuaF		0.3300	0.1000	318	400	-20.6	30.0
Pentachlorophenol	QuaF		0.1459	0.0500	373	400	-6.7	30.0
Phenanthrene	QuaF		1.185	0.7000	196	200	-2.0	30.0
Anthracene	Ave	0.8930	0.9139	0.7000	205	200	2.3	30.0
Fluoranthene	Ave	1.076	1.031	0.6000	192	200	-4.2	30.0
Pyrene	Ave	1.849	1.780	0.6000	193	200	-3.7	30.0
Benzo[a]anthracene	Ave	1.321	1.240	0.8000	188	200	-6.2	30.0
Chrysene	Ave	1.471	1.452	0.7000	198	200	-1.2	30.0
Benzo[b]fluoranthene	Ave	1.495	1.583		212	200	5.9	30.0
Benzo[k]fluoranthene	Ave	1.631	1.676	0.7000	206	200	2.8	30.0
Benzo[a]pyrene	Ave	1.084	1.265	0.7000	233	200	16.7	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.251	1.074	0.5000	172	200	-14.1	30.0
Dibenz(a,h)anthracene	QuaF		1.124	0.4000	191	200	-4.5	30.0
Benzo[g,h,i]perylene	Ave	1.527	1.438	0.5000	188	200	-5.8	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26759.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 24-May-2024 10:07:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-011
Operator ID: Instrument ID: CBNAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 11:20:14 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 11:20:22

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	1.779	1.794	-0.015	99	18025	0.8000	0.7934	
2 N-Nitrosodimethylamine	74	1.980	1.995	-0.015	96	10079	0.4000	0.3489	
3 Bis(2-chloroethyl)ether	93	4.033	4.032	0.001	98	22080	0.4000	0.4285	
* 4 1,4-Dichlorobenzene-d4	152	4.291	4.298	-0.007	99	9813	0.2000	0.2000	
* 7 Naphthalene-d8	136	5.499	5.506	-0.008	100	31055	0.2000	0.2000	
8 Naphthalene	128	5.523	5.522	0.001	100	32900	0.2000	0.2024	
10 Acenaphthylene	152	7.047	7.034	0.013	98	23410	0.2000	0.1827	
* 11 Acenaphthene-d10	164	7.176	7.177	-0.001	95	17516	0.2000	0.2000	
12 Acenaphthene	154	7.204	7.206	-0.002	98	19634	0.2000	0.2108	
13 Fluorene	166	7.705	7.706	-0.001	92	15781	0.2000	0.1727	M
14 4,6-Dinitro-2-methylphenol	198	7.748	7.749	-0.001	97	9075	0.8000	0.8285	
16 Hexachlorobenzene	284	8.220	8.221	-0.001	76	15340	0.4000	0.3177	
17 Pentachlorophenol	266	8.406	8.407	-0.001	87	6784	0.4000	0.3732	
* 18 Phenanthrene-d10	188	8.592	8.593	-0.001	100	23241	0.2000	0.2000	
19 Phenanthrene	178	8.606	8.607	-0.001	99	27531	0.2000	0.1959	
20 Anthracene	178	8.663	8.665	-0.002	94	21240	0.2000	0.2047	
21 Fluoranthene	202	9.723	9.722	0.001	100	23968	0.2000	0.1917	
22 Pyrene	202	9.939	9.939	0.000	100	24018	0.2000	0.1925	
24 Benzo[a]anthracene	228	11.179	11.178	0.000	100	16734	0.2000	0.1877	
* 25 Chrysene-d12	240	11.189	11.188	0.001	96	13496	0.2000	0.2000	
26 Chrysene	228	11.220	11.219	0.001	100	19602	0.2000	0.1975	
27 Benzo[b]fluoranthene	252	12.531	12.520	0.011	100	20586	0.2000	0.2118	
28 Benzo[k]fluoranthene	252	12.562	12.562	0.000	84	21800	0.2000	0.2055	
29 Benzo[a]pyrene	252	12.975	12.964	0.011	99	16451	0.2000	0.2335	
* 30 Perylene-d12	264	13.047	13.047	0.000	100	13007	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.576	14.575	0.001	100	13971	0.2000	0.1717	M
32 Dibenz(a,h)anthracene	278	14.627	14.627	0.000	39	14621	0.2000	0.1911	
33 Benzo[g,h,i]perylene	276	14.989	14.988	0.001	87	18706	0.2000	0.1884	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMICV_LVI_00037 Amount Added: 1.00 Units: mL

Report Date: 24-May-2024 11:20:23 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26759.D

Injection Date: 24-May-2024 10:07:30 Instrument ID: CBNAMS4 Operator ID:

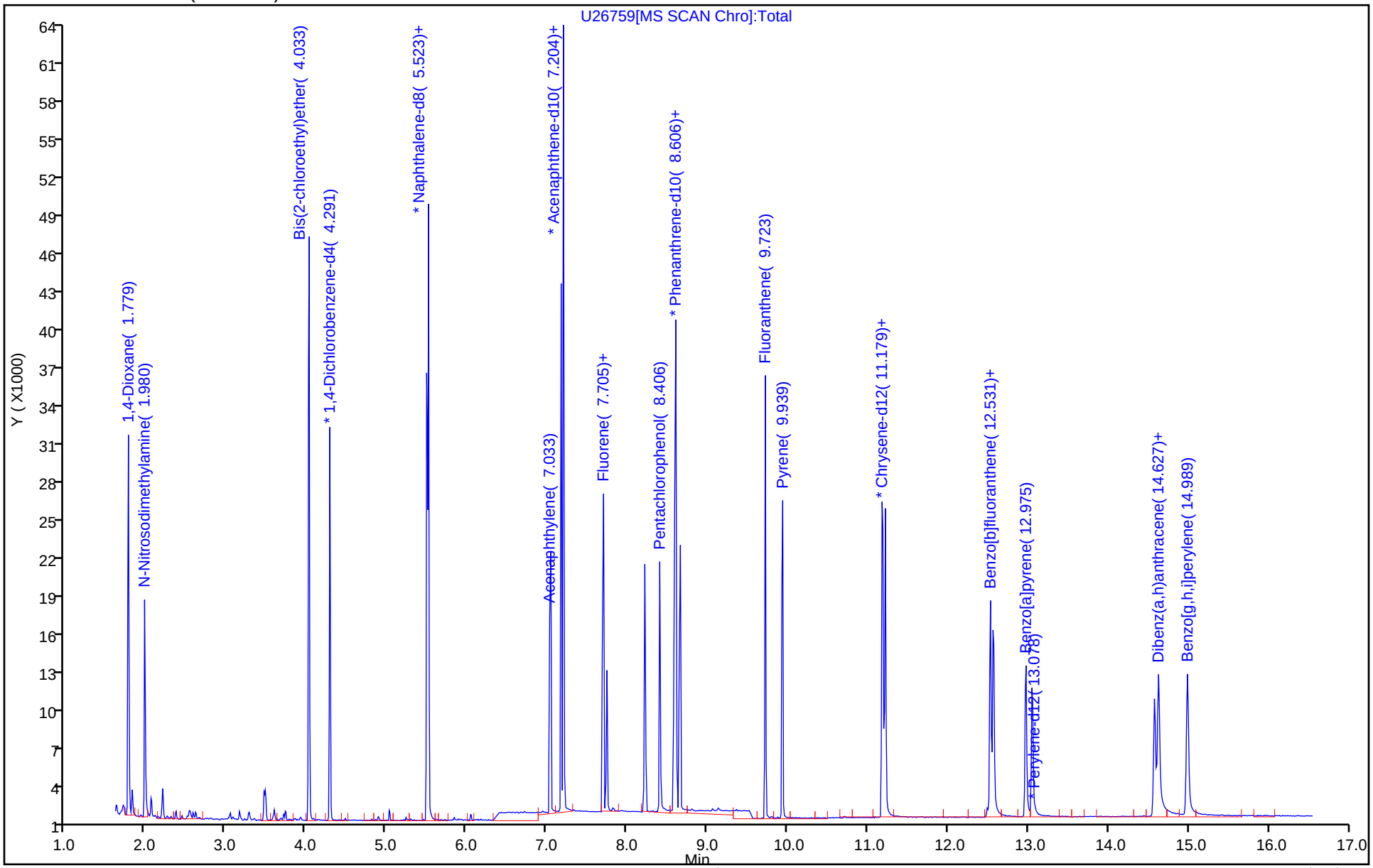
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

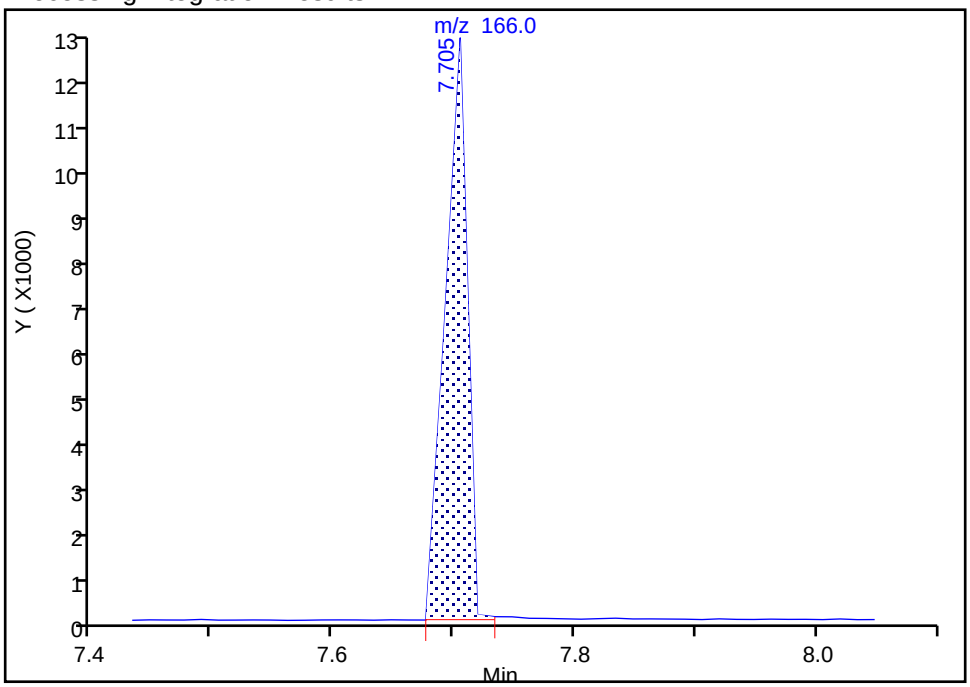
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26759.D				
Injection Date:	24-May-2024 10:07:30	Instrument ID:	CBNAMS4		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

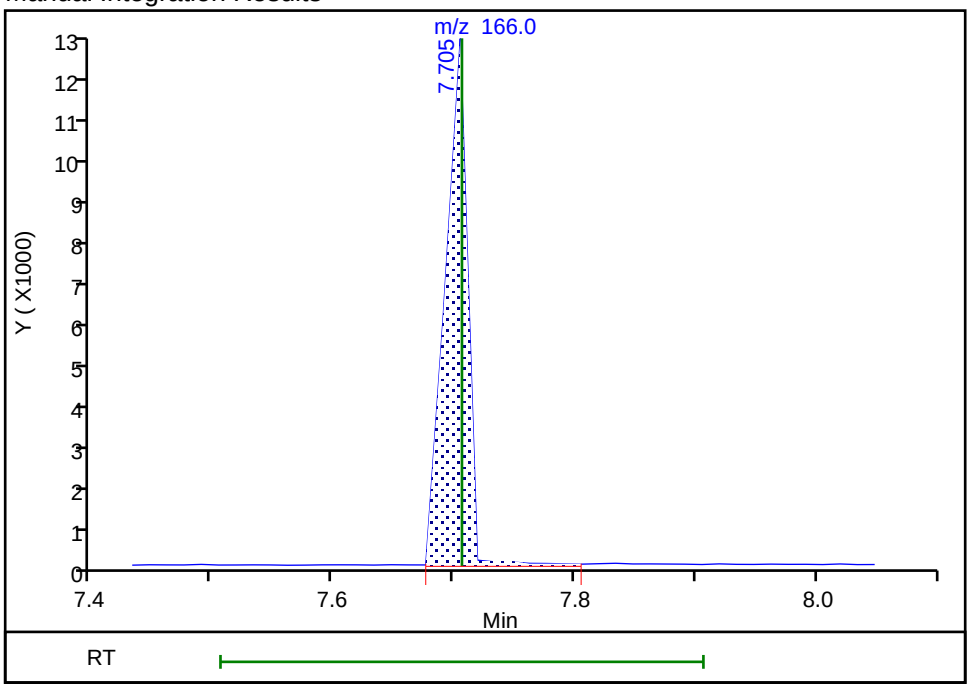
Processing Integration Results

RT: 7.70
Area: 15590
Amount: 0.170601
Amount Units: ug/ml



Manual Integration Results

RT: 7.70
Area: 15781
Amount: 0.172692
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:36:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

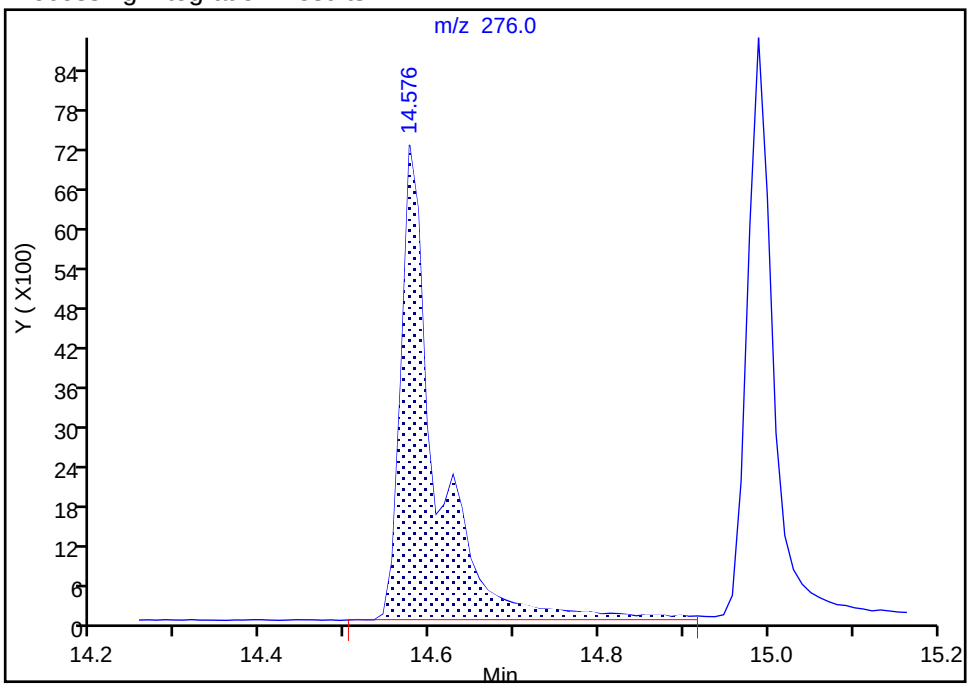
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26759.D				
Injection Date:	24-May-2024 10:07:30	Instrument ID:	CBNAMS4		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

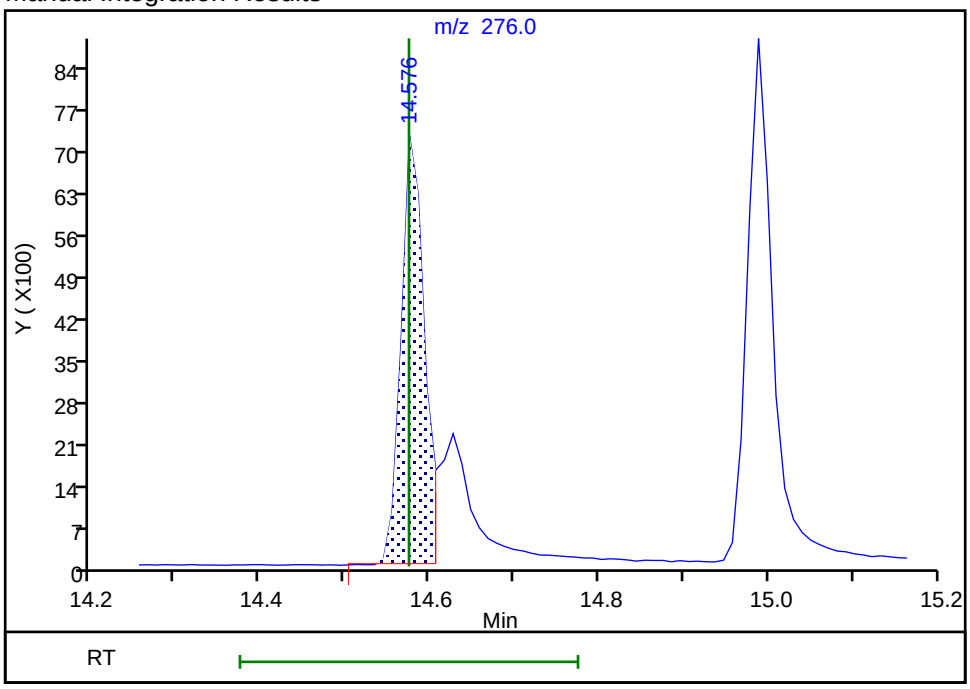
Processing Integration Results

RT: 14.58
Area: 20695
Amount: 0.508747
Amount Units: ug/ml



Manual Integration Results

RT: 14.58
Area: 13971
Amount: 0.171725
Amount Units: ug/ml



Reviewer: G4KC, 24-May-2024 10:26:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981572/2 | Calibration Date: 06/22/2024 07:09

Instrument ID: CBNAMS4 | Calib Start Date: 05/24/2024 06:48

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/24/2024 09:46

Lab File ID: U27010.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin2		0.4611		797	800	-0.4	20.0
N-Nitrosodimethylamine	Ave	0.5887	0.6693		455	400	13.7	20.0
Bis(2-chloroethyl)ether	Ave	1.050	1.153	0.7000	439	400	9.8	20.0
Naphthalene	Ave	1.047	1.015	0.7000	194	200	-3.1	20.0
Acenaphthylene	Ave	1.463	1.406	0.9000	192	200	-3.9	20.0
Acenaphthene	Ave	1.064	1.018	0.9000	191	200	-4.3	20.0
Fluorene	Ave	1.043	0.9472	0.9000	182	200	-9.2	20.0
4,6-Dinitro-2-methylphenol	QuaF		0.1123	0.0100	918	800	14.8	20.0
Hexachlorobenzene	QuaF		0.3939	0.1000	380	400	-5.0	20.0
Pentachlorophenol	QuaF		0.1855	0.0500	463	400	15.8	20.0
Phenanthrene	QuaF		1.593	0.7000	260	200	30.0*	20.0
Anthracene	Ave	0.8930	1.055	0.7000	236	200	18.1	20.0
Fluoranthene	Ave	1.076	1.240	0.6000	231	200	15.3	20.0
Pyrene	Ave	1.849	1.896	0.6000	205	200	2.5	20.0
Benzo[a]anthracene	Ave	1.321	1.382	0.8000	209	200	4.6	20.0
Chrysene	Ave	1.471	1.535	0.7000	209	200	4.4	20.0
Benzo[b]fluoranthene	Ave	1.495	1.438		192	200	-3.8	20.0
Benzo[k]fluoranthene	Ave	1.631	1.577	0.7000	193	200	-3.3	20.0
Benzo[a]pyrene	Ave	1.084	1.197	0.7000	221	200	10.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.251	1.222	0.5000	195	200	-2.3	20.0
Dibenz(a,h)anthracene	QuaF		1.373	0.4000	231	200	15.7	20.0
Benzo[g,h,i]perylene	Ave	1.527	1.612	0.5000	211	200	5.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27010.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Jun-2024 07:09:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177463-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-Surr SIM_LVI_4*sub2

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:02:19 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 08:02:19

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	1.704	1.704	0.000	98	13768	0.8000	0.7968	
2 N-Nitrosodimethylamine	74	1.905	1.905	0.000	100	9991	0.4000	0.4547	
3 Bis(2-chloroethyl)ether	93	3.934	3.934	0.000	99	17213	0.4000	0.4392	
* 4 1,4-Dichlorobenzene-d4	152	4.191	4.191	0.000	98	7464	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.715	4.715	0.000	100	43620	1.00	1.11	
* 7 Naphthalene-d8	136	5.407	5.407	0.000	100	23947	0.2000	0.2000	
8 Naphthalene	128	5.423	5.423	0.000	100	24295	0.2000	0.1938	
$ 9 2-Fluorobiphenyl	172	6.447	6.447	0.000	99	115663	1.00	1.05	
10 Acenaphthylene	152	6.948	6.948	0.000	99	18148	0.2000	0.1922	
* 11 Acenaphthene-d10	164	7.076	7.076	0.000	95	12906	0.2000	0.2000	
12 Acenaphthene	154	7.105	7.105	0.000	97	13144	0.2000	0.1915	
13 Fluorene	166	7.606	7.606	0.000	94	12225	0.2000	0.1816	
14 4,6-Dinitro-2-methylphenol	198	7.648	7.648	0.000	92	6752	0.8000	0.9184	
$ 15 2,4,6-Tribromophenol	330	7.834	7.834	0.000	97	17784	1.00	1.13	
16 Hexachlorobenzene	284	8.120	8.120	0.000	75	11839	0.4000	0.3801	
17 Pentachlorophenol	266	8.306	8.306	0.000	89	5576	0.4000	0.4633	
* 18 Phenanthrene-d10	188	8.492	8.492	0.000	99	15029	0.2000	0.2000	
19 Phenanthrene	178	8.507	8.507	0.000	100	23935	0.2000	0.2599	
20 Anthracene	178	8.549	8.549	0.000	99	15856	0.2000	0.2363	
21 Fluoranthene	202	9.618	9.618	0.000	100	18642	0.2000	0.2305	
22 Pyrene	202	9.825	9.825	0.000	98	18670	0.2000	0.2051	
$ 23 Terphenyl-d14	244	10.000	10.000	0.000	98	54545	1.00	1.19	
24 Benzo[a]anthracene	228	11.054	11.054	0.000	98	13614	0.2000	0.2092	
* 25 Chrysene-d12	240	11.064	11.064	0.000	98	9849	0.2000	0.2000	
26 Chrysene	228	11.095	11.095	0.000	100	15115	0.2000	0.2087	
27 Benzo[b]fluoranthene	252	12.365	12.365	0.000	99	14351	0.2000	0.1924	
28 Benzo[k]fluoranthene	252	12.406	12.406	0.000	97	15744	0.2000	0.1934	
29 Benzo[a]pyrene	252	12.799	12.799	0.000	100	11950	0.2000	0.2210	
* 30 Perylene-d12	264	12.881	12.881	0.000	100	9983	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.368	14.368	0.000	97	12204	0.2000	0.1954	M
32 Dibenz(a,h)anthracene	278	14.409	14.409	0.000	39	13711	0.2000	0.2314	

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	14.750	14.750	0.000	96	16096	0.2000	0.2112	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL5_00020 Amount Added: 1.00 Units: mL

Report Date: 24-Jun-2024 08:02:19 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27010.D

Injection Date: 22-Jun-2024 07:09:30 Instrument ID: CBNAMS4 Operator ID:

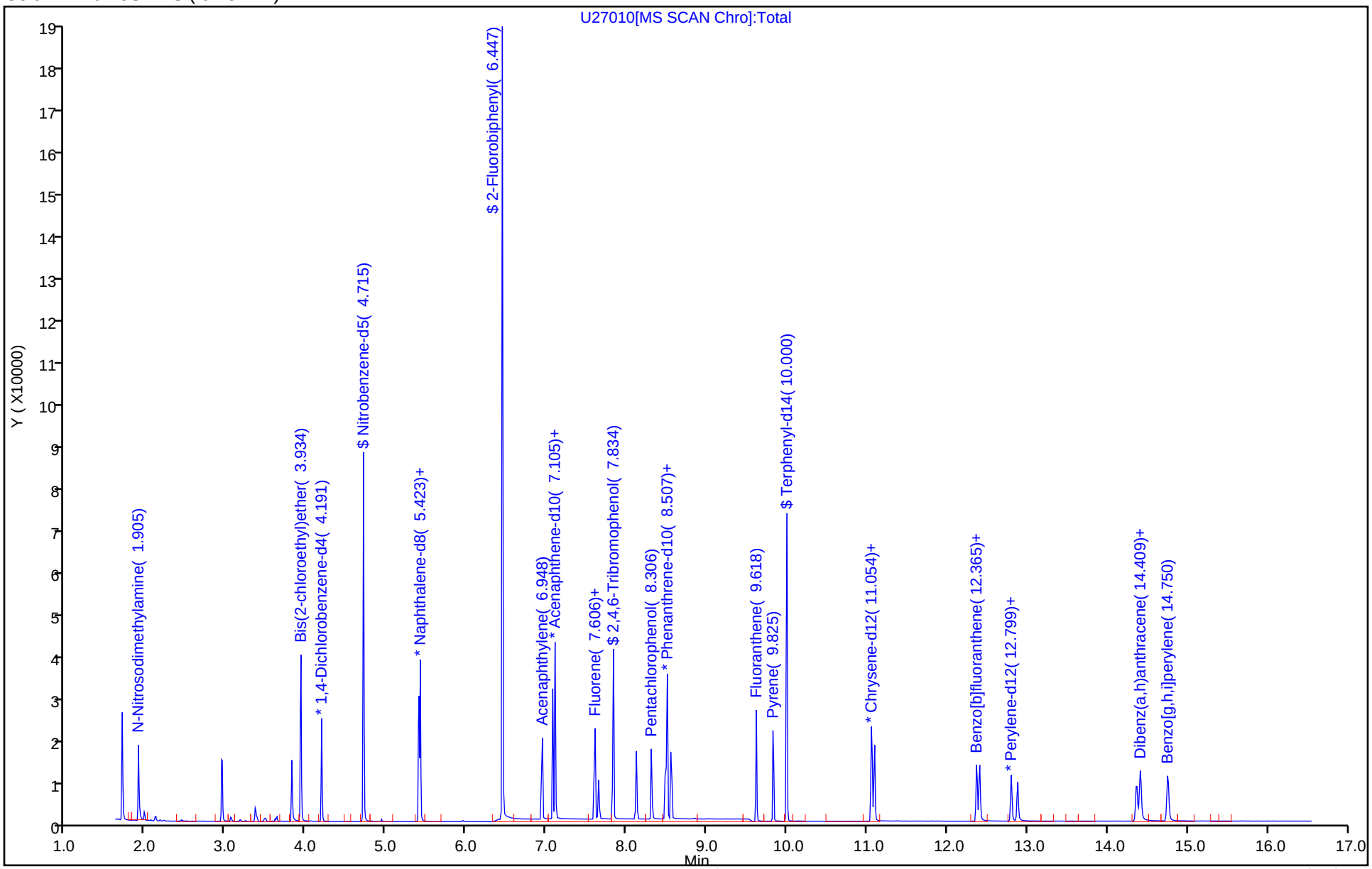
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

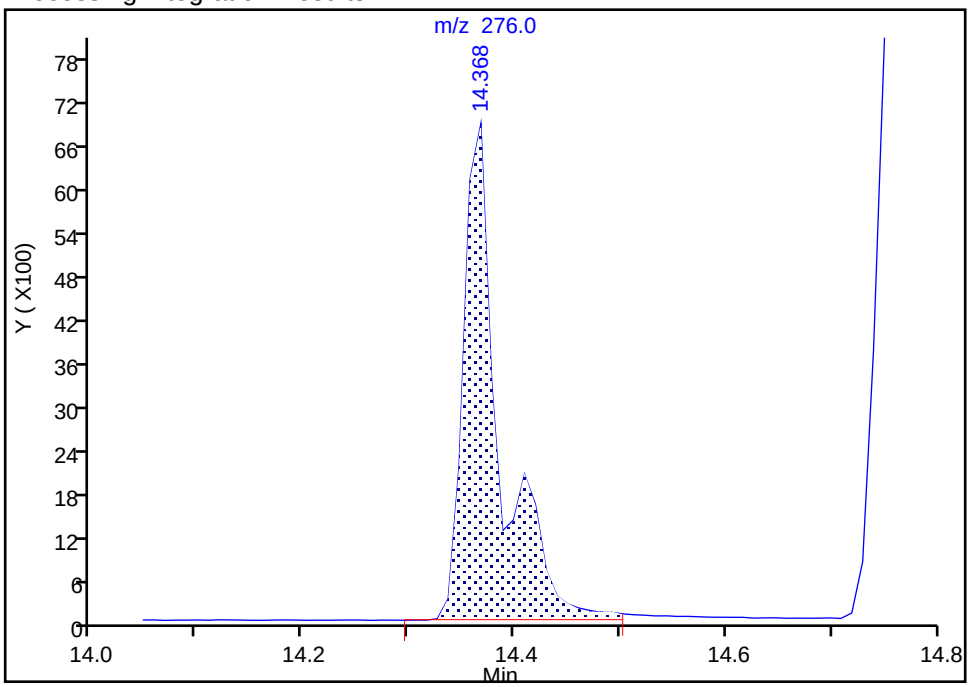
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27010.D				
Injection Date:	22-Jun-2024 07:09:30	Instrument ID:	CBNAMS4		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 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

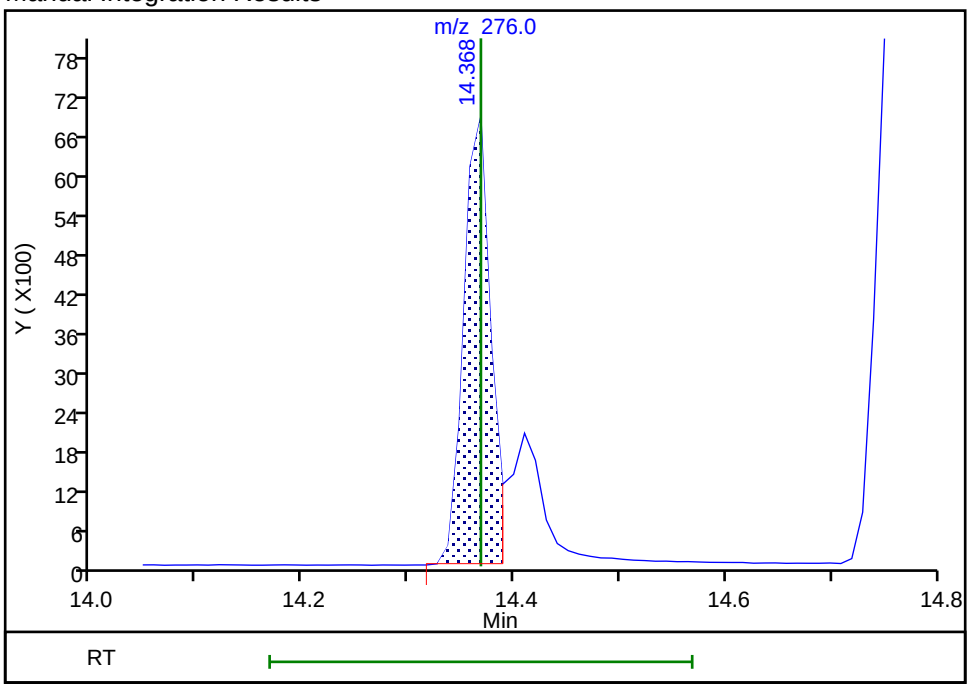
Processing Integration Results

RT: 14.37
Area: 16436
Amount: 0.263220
Amount Units: ug/ml



Manual Integration Results

RT: 14.37
Area: 12204
Amount: 0.195445
Amount Units: ug/ml



Reviewer: V5XH, 24-Jun-2024 07:52:34 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: ICV 460-976250/13 | Calibration Date: 05/22/2024 17:30

Instrument ID: CBNAMS9 | Calib Start Date: 05/22/2024 12:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/22/2024 17:01

Lab File ID: 286708.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4169	0.4656		894	800	11.7	30.0
N-Nitrosodimethylamine	Lin2		0.3886		313	400	-21.7	30.0
Bis(2-chloroethyl)ether	Ave	0.9210	1.062	0.7000	461	400	15.3	30.0
Naphthalene	Ave	1.162	1.171	0.7000	202	200	0.8	30.0
Acenaphthylene	Ave	2.226	2.295	0.9000	206	200	3.1	30.0
Acenaphthene	Ave	1.464	1.412	0.9000	193	200	-3.5	30.0
Fluorene	Ave	1.480	1.472	0.9000	199	200	-0.6	30.0
4,6-Dinitro-2-methylphenol	QuaF		0.1052	0.0100	779	800	-2.7	30.0
Hexachlorobenzene	Ave	0.7108	0.7349	0.1000	414	400	3.4	30.0
Pentachlorophenol	QuaF		0.3752	0.0500	451	400	12.7	30.0
Phenanthrene	Ave	1.823	2.053	0.7000	225	200	12.6	30.0
Anthracene	Ave	1.584	2.048	0.7000	259	200	29.3	30.0
Fluoranthene	Ave	1.699	1.833	0.6000	216	200	7.9	30.0
Pyrene	Ave	2.042	1.946	0.6000	191	200	-4.7	30.0
Benzo[a]anthracene	Ave	1.558	1.346	0.8000	173	200	-13.6	30.0
Chrysene	Ave	1.719	1.609	0.7000	187	200	-6.4	30.0
Benzo[b]fluoranthene	Ave	1.726	2.009		233	200	16.4	30.0
Benzo[k]fluoranthene	Ave	2.007	1.921	0.7000	191	200	-4.3	30.0
Benzo[a]pyrene	Ave	1.223	1.410	0.7000	231	200	15.3	30.0
Indeno[1,2,3-cd]pyrene	Lin1		1.671	0.5000	186	200	-7.2	30.0
Dibenz(a,h)anthracene	Lin1		1.669	0.4000	190	200	-4.8	30.0
Benzo[g,h,i]perylene	Ave	1.990	1.869	0.5000	188	200	-6.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286708.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-May-2024 17:30:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-013
Operator ID: Instrument ID: CBNAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 09:26:32 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 23-May-2024 09:27:28

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	1.157	1.165	-0.008	99	46199	0.8000	0.8935	
2 N-Nitrosodimethylamine	74	1.374	1.374	0.000	75	19276	0.4000	0.3133	
3 Bis(2-chloroethyl)ether	93	3.313	3.313	0.000	90	52695	0.4000	0.4613	
* 5 1,4-Dichlorobenzene-d4	152	3.562	3.562	0.000	99	24805	0.2000	0.2000	
* 7 Naphthalene-d8	136	4.809	4.809	0.000	100	68601	0.2000	0.2000	
8 Naphthalene	128	4.833	4.834	-0.001	100	80341	0.2000	0.2017	
10 Acenaphthylene	152	6.336	6.336	0.000	99	67906	0.2000	0.2062	
* 11 Acenaphthene-d10	164	6.473	6.473	0.000	72	29591	0.2000	0.2000	
12 Acenaphthene	154	6.504	6.504	0.000	89	41783	0.2000	0.1929	
13 Fluorene	166	6.993	6.993	0.000	89	43566	0.2000	0.1989	
14 4,6-Dinitro-2-methylphenol	198	7.070	7.070	0.000	98	14297	0.8000	0.7787	
15 Hexachlorobenzene	284	7.513	7.513	0.000	99	49953	0.4000	0.4136	
16 Pentachlorophenol	266	7.712	7.712	0.000	94	25501	0.4000	0.4506	
* 17 Phenanthrene-d10	188	7.880	7.865	0.015	100	33986	0.2000	0.2000	
18 Phenanthrene	178	7.895	7.895	0.000	95	69766	0.2000	0.2252	
19 Anthracene	178	7.941	7.941	0.000	100	69598	0.2000	0.2586	
21 Fluoranthene	202	9.006	9.006	0.000	96	62297	0.2000	0.2158	
22 Pyrene	202	9.210	9.210	0.000	100	62264	0.2000	0.1907	
24 Benzo[a]anthracene	228	10.352	10.352	0.000	98	43065	0.2000	0.1728	
* 25 Chrysene-d12	240	10.364	10.364	0.000	88	31989	0.2000	0.2000	
26 Chrysene	228	10.388	10.388	0.000	99	51474	0.2000	0.1872	
27 Benzo[b]fluoranthene	252	11.494	11.494	0.000	100	50260	0.2000	0.2327	
28 Benzo[k]fluoranthene	252	11.530	11.530	0.000	97	48065	0.2000	0.1914	
29 Benzo[a]pyrene	252	11.866	11.866	0.000	100	35265	0.2000	0.2306	
* 30 Perylene-d12	264	11.938	11.938	0.000	99	25018	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.260	13.248	0.012	86	41800	0.2000	0.1855	
32 Dibenz(a,h)anthracene	278	13.308	13.296	0.012	91	41745	0.2000	0.1905	
33 Benzo[g,h,i]perylene	276	13.573	13.573	0.000	83	46761	0.2000	0.1878	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00037 Amount Added: 1.00 Units: mL

Report Date: 23-May-2024 09:27:28 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286708.D

Injection Date: 22-May-2024 17:30:30 Instrument ID: CBNAMS9

Lims ID: ICV

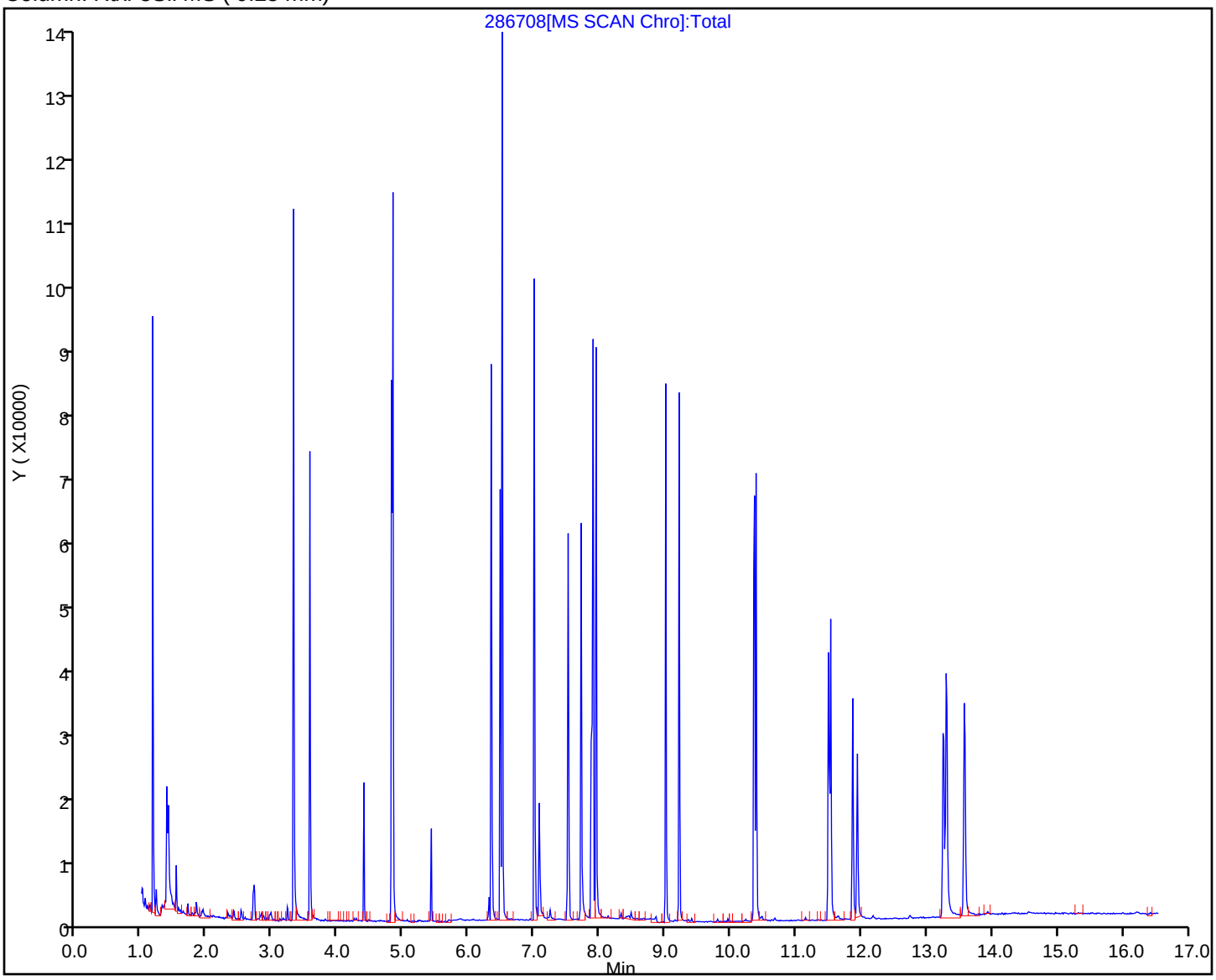
Client ID:

Operator ID: ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-220956-1

SDG No.:

Lab Sample ID: CCVIS 460-981569/2 | Calibration Date: 06/22/2024 07:02

Instrument ID: CBNAMS9 | Calib Start Date: 05/22/2024 12:42

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 05/22/2024 17:01

Lab File ID: 287340.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4169	0.3580		687	800	-14.1	20.0
N-Nitrosodimethylamine	Lin2		0.4737		379	400	-5.2	20.0
Bis(2-chloroethyl)ether	Ave	0.9210	1.023	0.7000	444	400	11.1	20.0
Naphthalene	Ave	1.162	1.090	0.7000	188	200	-6.2	20.0
Acenaphthylene	Ave	2.226	2.869	0.9000	258	200	28.9*	20.0
Acenaphthene	Ave	1.464	1.335	0.9000	182	200	-8.8	20.0
Fluorene	Ave	1.480	1.660	0.9000	224	200	12.1	20.0
4,6-Dinitro-2-methylphenol	QuaF		0.1463	0.0100	1030	800	29.1*	20.0
Hexachlorobenzene	Ave	0.7108	1.060	0.1000	596	400	49.1*	20.0
Pentachlorophenol	QuaF		0.2862	0.0500	350	400	-12.4	20.0
Phenanthrene	Ave	1.823	1.855	0.7000	203	200	1.7	20.0
Anthracene	Ave	1.584	2.030	0.7000	256	200	28.2*	20.0
Fluoranthene	Ave	1.699	0.6068	0.6000	71.4	200	-64.3*	20.0
Pyrene	Ave	2.042	2.459	0.6000	241	200	20.4*	20.0
Benzo[a]anthracene	Ave	1.558	1.574	0.8000	202	200	1.0	20.0
Chrysene	Ave	1.719	2.158	0.7000	251	200	25.5*	20.0
Benzo[b]fluoranthene	Ave	1.726	1.910		221	200	10.6	20.0
Benzo[k]fluoranthene	Ave	2.007	1.846	0.7000	184	200	-8.0	20.0
Benzo[a]pyrene	Ave	1.223	1.329	0.7000	217	200	8.7	20.0
Indeno[1,2,3-cd]pyrene	Lin1		1.686	0.5000	187	200	-6.4	20.0
Dibenz(a,h)anthracene	Lin1		1.870	0.4000	213	200	6.7	20.0
Benzo[g,h,i]perylene	Ave	1.990	2.072	0.5000	208	200	4.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287340.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Jun-2024 07:02:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:33:21 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 08:33:21

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	1.100	1.100	0.000	93	21961	0.8000	0.6869	M
2 N-Nitrosodimethylamine	74	1.334	1.334	0.000	92	14529	0.4000	0.3791	
3 Bis(2-chloroethyl)ether	93	3.192	3.192	0.000	91	31392	0.4000	0.4445	
* 5 1,4-Dichlorobenzene-d4	152	3.434	3.434	0.000	98	15337	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.997	3.997	0.000	95	83646	1.00	1.12	
* 7 Naphthalene-d8	136	4.689	4.689	0.000	99	43557	0.2000	0.2000	
8 Naphthalene	128	4.705	4.705	0.000	100	47460	0.2000	0.1876	
$ 9 2-Fluorobiphenyl	172	5.740	5.740	0.000	94	183739	1.00	1.12	
10 Acenaphthylene	152	6.213	6.213	0.000	100	40333	0.2000	0.2579	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	82	14056	0.2000	0.2000	
12 Acenaphthene	154	6.382	6.382	0.000	96	18765	0.2000	0.1824	
13 Fluorene	166	6.871	6.871	0.000	94	23336	0.2000	0.2243	
14 4,6-Dinitro-2-methylphenol	198	6.947	6.947	0.000	95	11918	0.8000	1.03	
$ 20 2,4,6-Tribromophenol	330	7.100	7.100	0.000	89	56454	1.00	2.40	
15 Hexachlorobenzene	284	7.375	7.375	0.000	100	43175	0.4000	0.5964	
16 Pentachlorophenol	266	7.590	7.590	0.000	98	11661	0.4000	0.3503	
* 17 Phenanthrene-d10	188	7.742	7.742	0.000	100	20370	0.2000	0.2000	
18 Phenanthrene	178	7.758	7.758	0.000	95	37782	0.2000	0.2035	
19 Anthracene	178	7.804	7.804	0.000	100	41350	0.2000	0.2563	
21 Fluoranthene	202	8.874	8.874	0.000	95	12361	0.2000	0.0714	
22 Pyrene	202	9.066	9.066	0.000	98	37661	0.2000	0.2408	
$ 23 Terphenyl-d14	244	9.258	9.258	0.000	93	77138	1.00	1.12	
24 Benzo[a]anthracene	228	10.196	10.196	0.000	97	24117	0.2000	0.2021	
* 25 Chrysene-d12	240	10.208	10.208	0.000	91	15318	0.2000	0.2000	
26 Chrysene	228	10.232	10.232	0.000	1	33050	0.2000	0.2510	
27 Benzo[b]fluoranthene	252	11.289	11.289	0.000	100	28055	0.2000	0.2212	
28 Benzo[k]fluoranthene	252	11.325	11.325	0.000	99	27123	0.2000	0.1839	
29 Benzo[a]pyrene	252	11.650	11.650	0.000	100	19525	0.2000	0.2174	
* 30 Perylene-d12	264	11.722	11.722	0.000	99	14691	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	12.984	12.984	0.000	88	24774	0.2000	0.1872	
32 Dibenz(a,h)anthracene	278	13.032	13.032	0.000	93	27478	0.2000	0.2134	

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	13.296	13.296	0.000	79	30446	0.2000	0.2082	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL5_00020 Amount Added: 1.00 Units: mL

Report Date: 24-Jun-2024 08:33:21 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287340.D

Injection Date: 22-Jun-2024 07:02:30 Instrument ID: CBNAMS9

Lims ID: CCVIS

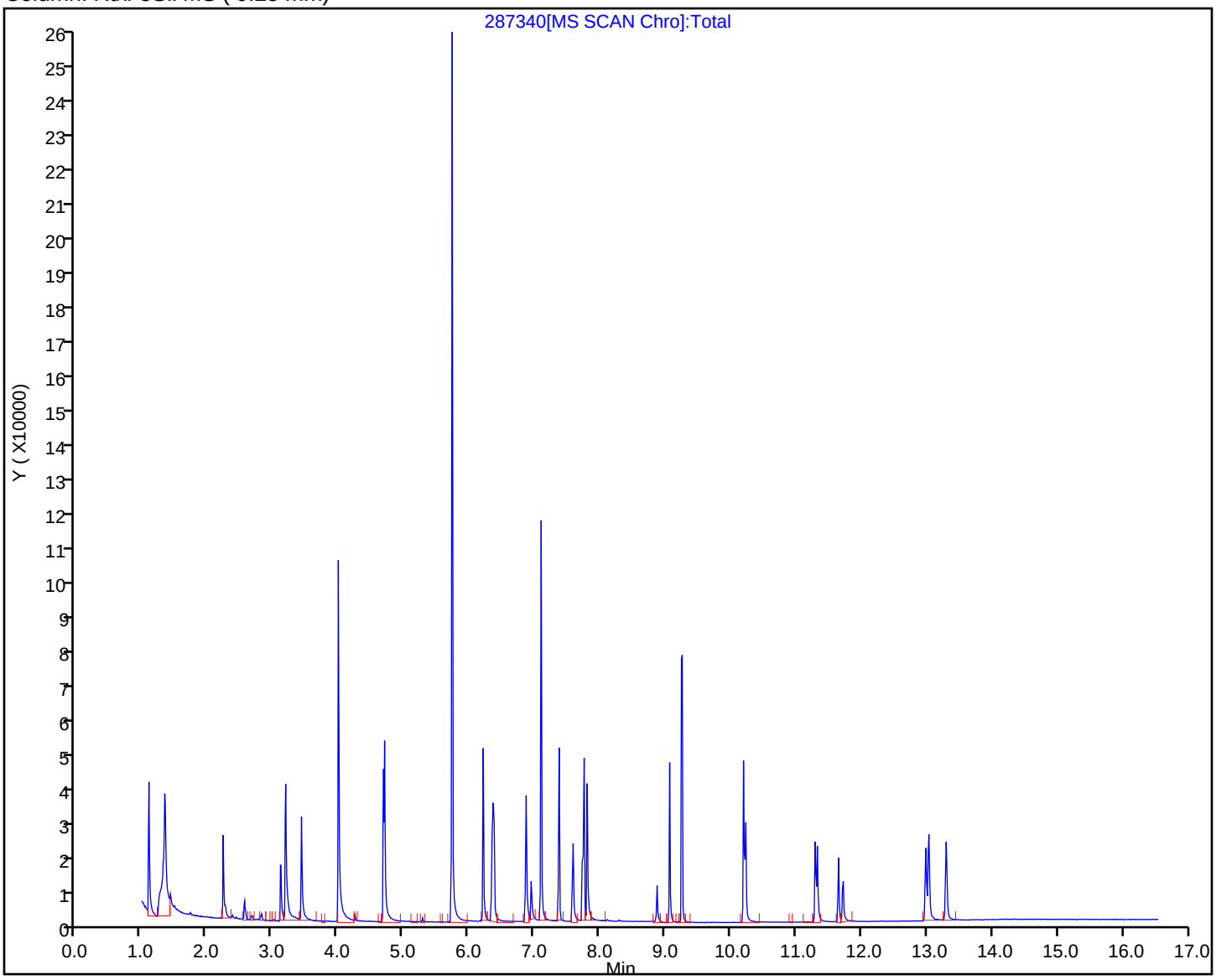
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

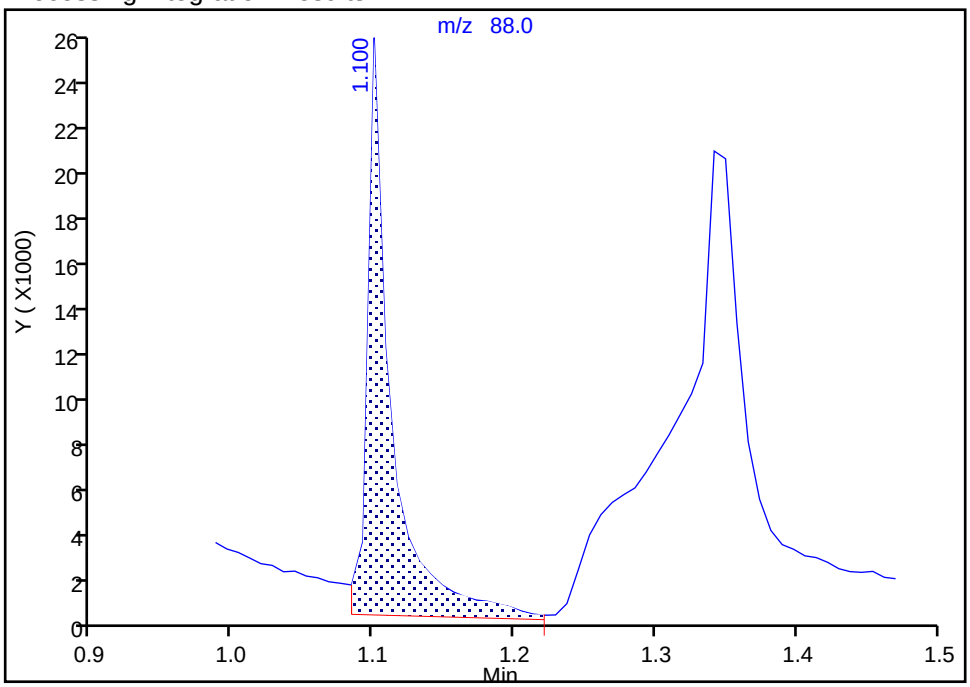
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287340.D				
Injection Date:	22-Jun-2024 07:02:30	Instrument ID:	CBNAMS9		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

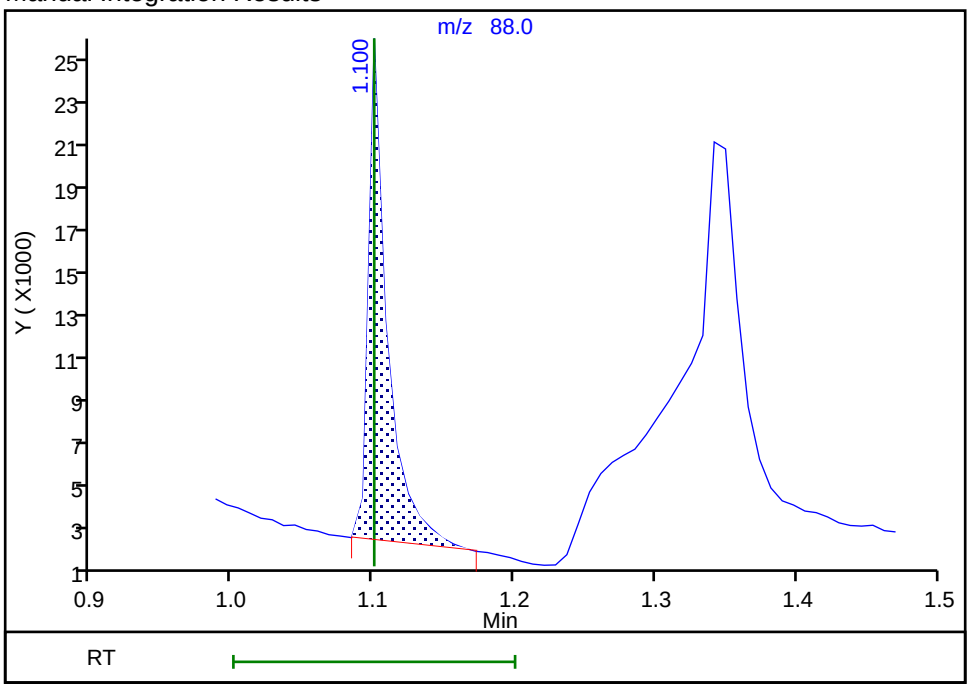
Processing Integration Results

RT: 1.10
Area: 29335
Amount: 0.917589
Amount Units: ug/ml



Manual Integration Results

RT: 1.10
Area: 21961
Amount: 0.686933
Amount Units: ug/ml



Reviewer: V5XH, 24-Jun-2024 08:32:37 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 22-May-2024 08:01:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176230-001
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 22-May-2024 12:00:23 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: G4KC Date: 22-May-2024 12:00:23

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	4.034	4.034	0.000	0	224379	NR	NR	
34 DFTPP									
35 Benzidine_T	184	5.352	5.352	0.000	0	1251564	NR	NR	
36 4,4'-DDD	246	5.499	5.499	0.000	0	2757		NR	a
37 4,4'-DDE	246	5.793	5.793	0.000	0	753		NR	a
38 4,4'-DDT	235	6.004	6.004	0.000	0	511128	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

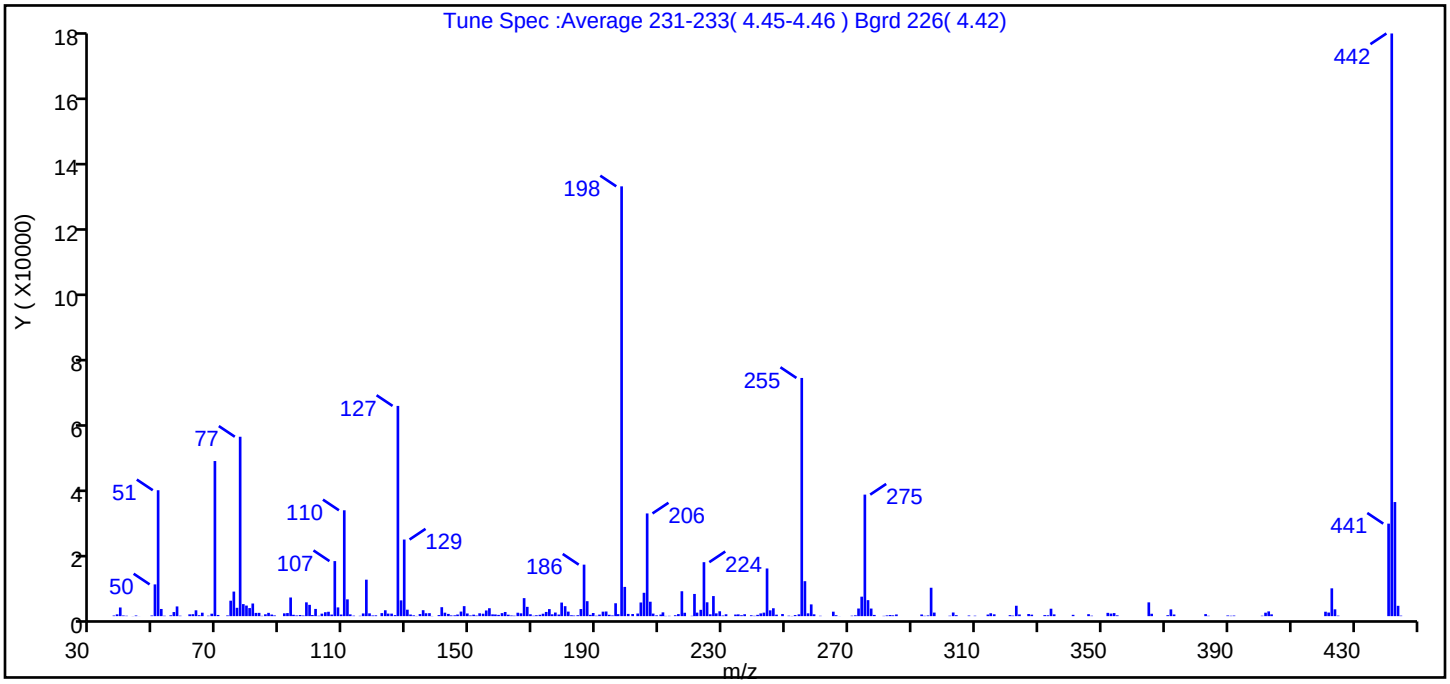
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D				
Injection Date:	22-May-2024 08:01:30	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	36.1
70	<2% of m/z 69	0.3 (0.8)
197	<2% of m/z 198	0.5
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	3.2
441	<150% of m/z 443	21.5 (81.1)
442	Present	135.6
443	15-24% of m/z 442	26.5 (19.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D\BNsurrSIM_LVI_13.rslt\spectra
Injection Date: 22-May-2024 08:01:30
Spectrum: Tune Spec :Average 231-233(4.45-4.46) Bgrd 226(4.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	189	118.00	818	188.00	384	271.00	136
38.00	525	119.00	196	189.00	919	272.00	245
39.00	2533	120.00	233	190.00	125	273.00	2229
40.00	194	122.00	889	191.00	449	274.00	5693
41.00	116	123.00	1721	192.00	1310	275.00	35536
43.00	31	124.00	743	193.00	1362	276.00	4677
44.00	195	125.00	738	194.00	389	277.00	2221
45.00	16	126.00	294	195.00	208	278.00	357
49.00	189	127.00	61472	196.00	3768	281.00	85
50.00	9283	128.00	4615	197.00	579	282.00	216
51.00	36816	129.00	22400	198.00	125672	283.00	336
52.00	2099	130.00	1887	199.00	8548	284.00	244
53.00	122	131.00	471	200.00	653	285.00	493
55.00	251	132.00	235	201.00	620	293.00	485
56.00	1196	133.00	61	203.00	765	294.00	110
57.00	2840	134.00	602	204.00	3993	295.00	206
58.00	126	135.00	1739	205.00	6829	296.00	8306
61.00	523	136.00	849	206.00	30032	297.00	1040
62.00	570	137.00	872	207.00	4217	302.00	125
63.00	1708	138.00	52	208.00	749	303.00	1065
64.00	262	140.00	312	209.00	238	304.00	278
65.00	1004	141.00	2620	210.00	461	308.00	188
67.00	125	142.00	1013	211.00	1110	310.00	129
68.00	713	143.00	655	212.00	69	314.00	466
69.00	45352	144.00	218	213.00	102	315.00	843
70.00	346	145.00	241	215.00	266	316.00	534
73.00	208	146.00	471	216.00	594	321.00	293
74.00	4513	147.00	1334	217.00	7282	322.00	156
75.00	7185	148.00	2925	218.00	989	323.00	3037
76.00	2435	149.00	783	220.00	95	324.00	491
77.00	52456	150.00	206	221.00	6489	327.00	618
78.00	3519	151.00	433	222.00	1027	328.00	433
79.00	3089	152.00	170	223.00	1844	332.00	303

Report Date: 22-May-2024 12:00:23 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D\BNsurrSIM_LVI_13.rslt\spectra
Injection Date: 22-May-2024 08:01:30
Spectrum: Tune Spec :Average 231-233(4.45-4.46) Bgrd 226(4.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	2361	153.00	834	224.00	15780	333.00	247
81.00	3696	154.00	712	225.00	4055	334.00	2176
82.00	946	155.00	1658	226.00	533	335.00	514
83.00	959	156.00	2317	227.00	5871	341.00	388
84.00	88	157.00	516	228.00	818	346.00	573
85.00	537	158.00	486	229.00	1423	347.00	132
86.00	961	159.00	366	230.00	183	352.00	962
87.00	463	160.00	881	231.00	544	353.00	753
88.00	215	161.00	1217	234.00	466	354.00	896
91.00	819	162.00	416	235.00	516	355.00	233
92.00	900	163.00	197	236.00	274	365.00	4032
93.00	5455	164.00	135	237.00	559	366.00	697
94.00	397	165.00	999	239.00	254	371.00	280
95.00	205	166.00	826	240.00	108	372.00	1977
96.00	338	167.00	5269	241.00	380	373.00	479
97.00	183	168.00	2718	242.00	805	383.00	595
98.00	4039	169.00	547	243.00	1019	384.00	104
99.00	3302	170.00	124	244.00	13936	390.00	201
100.00	325	171.00	263	245.00	1699	391.00	116
101.00	2110	172.00	398	246.00	2308	392.00	173
102.00	118	173.00	706	247.00	431	401.00	125
103.00	729	174.00	1226	249.00	617	402.00	1007
104.00	1145	175.00	2057	251.00	137	403.00	1392
105.00	1280	176.00	533	252.00	51	404.00	526
106.00	456	177.00	1055	253.00	312	421.00	1292
107.00	16094	178.00	461	254.00	523	422.00	1053
108.00	2556	179.00	3970	255.00	69648	423.00	8133
109.00	470	180.00	2909	256.00	10221	424.00	1994
110.00	30952	181.00	1327	257.00	819	425.00	152
111.00	4911	182.00	257	258.00	3437	441.00	27048
112.00	518	183.00	174	259.00	533	442.00	170368
113.00	145	184.00	271	261.00	105	443.00	33360
115.00	102	185.00	2071	265.00	1305	444.00	3018
116.00	789	186.00	15060	266.00	266	445.00	148

Report Date: 22-May-2024 12:00:23 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D\BNsurrSIM_LVI_13.rslt\spectra
Injection Date: 22-May-2024 08:01:30
Spectrum: Tune Spec :Average 231-233(4.45-4.46) Bgrd 226(4.42)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	10664	187.00	4374	267.00	19		

Report Date: 22-May-2024 12:00:23 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D

Injection Date: 22-May-2024 08:01:30 Instrument ID: CBNAMS13 Operator ID:

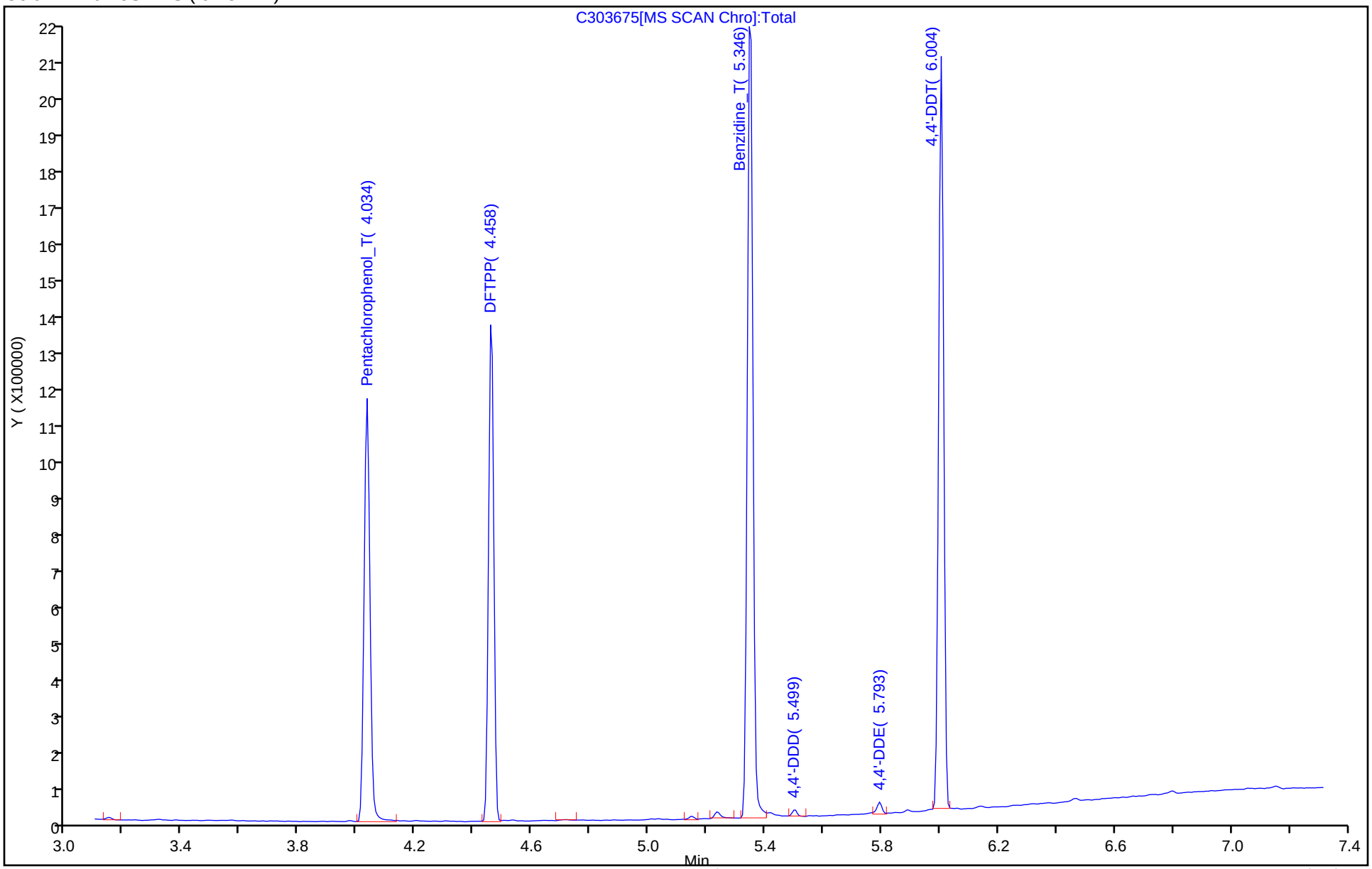
Lims ID: DFTPP Worklist Smp#: 1

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)



Breakdown Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D				
Injection Date:	22-May-2024 08:01:30	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		

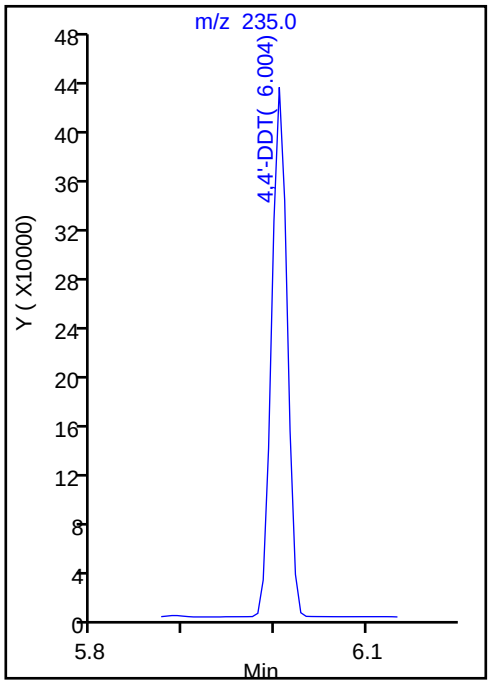
38 4,4'-DDT, Detector: MS SCAN

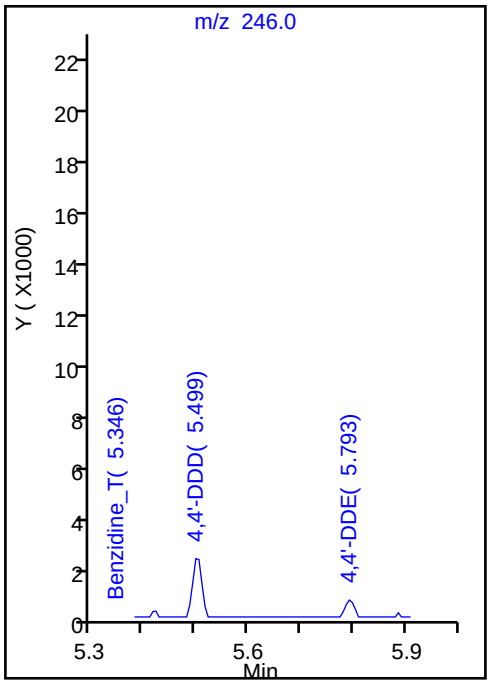
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 511128
36 4,4'-DDD, Area = 2757
37 4,4'-DDE, Area = 753

%Breakdown: 0.68%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

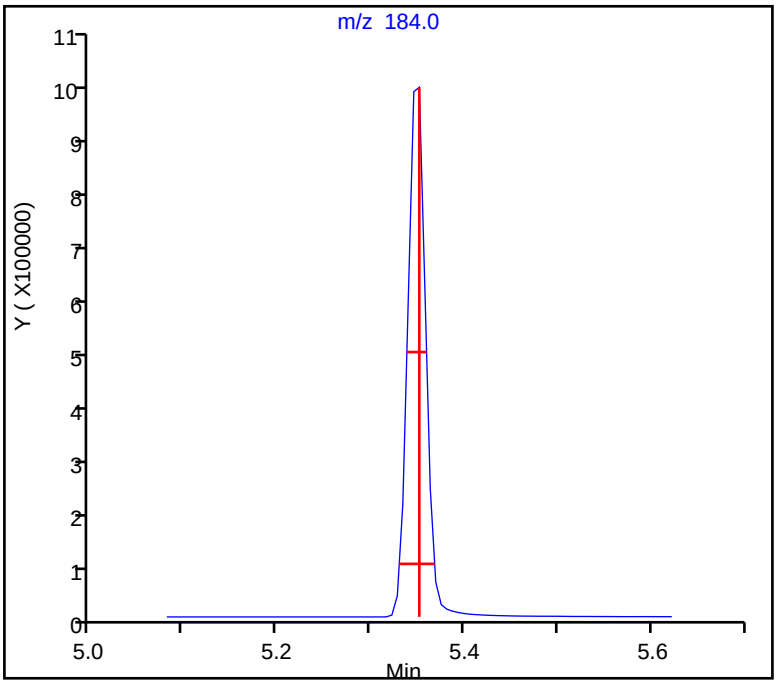
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D
Injection Date: 22-May-2024 08:01:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.76, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

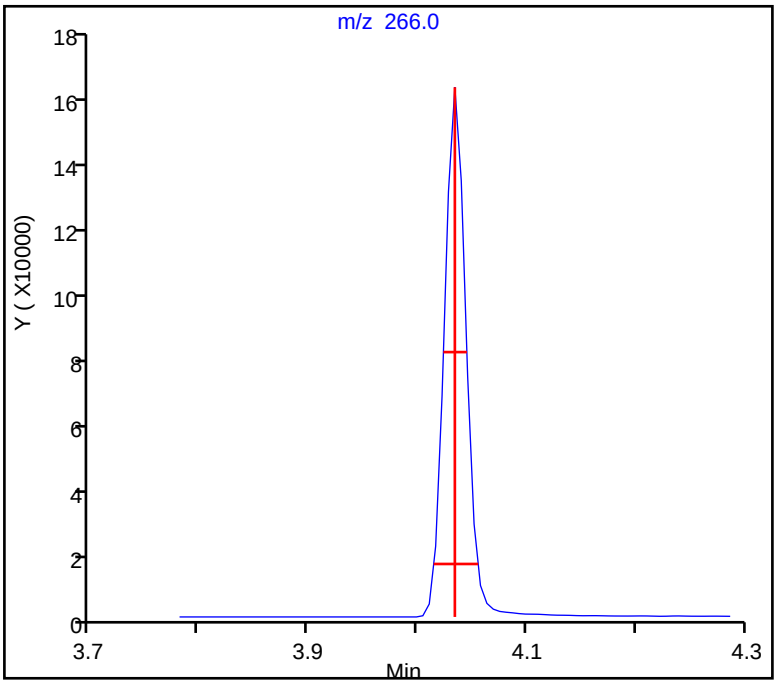
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303675.D
Injection Date: 22-May-2024 08:01:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.11, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 24-May-2024 06:16:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176334-001
Operator ID: Instrument ID: CBNAMS4

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-May-2024 11:20:14 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: G4KC Date: 24-May-2024 11:20:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Pentachlorophenol_T	266	4.428	4.428	0.000	0	131356	NR	NR	
34 DFTPP									
35 Benzidine_T	184	5.667	5.667	0.000	0	567239	NR	NR	
37 4,4'-DDD	235	6.114	6.114	0.000	0	3537		NR	a
36 4,4'-DDE	246	6.204	6.204	0.000	0	151		NR	a
38 4,4'-DDT	235	6.322	6.322	0.000	0	302968	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

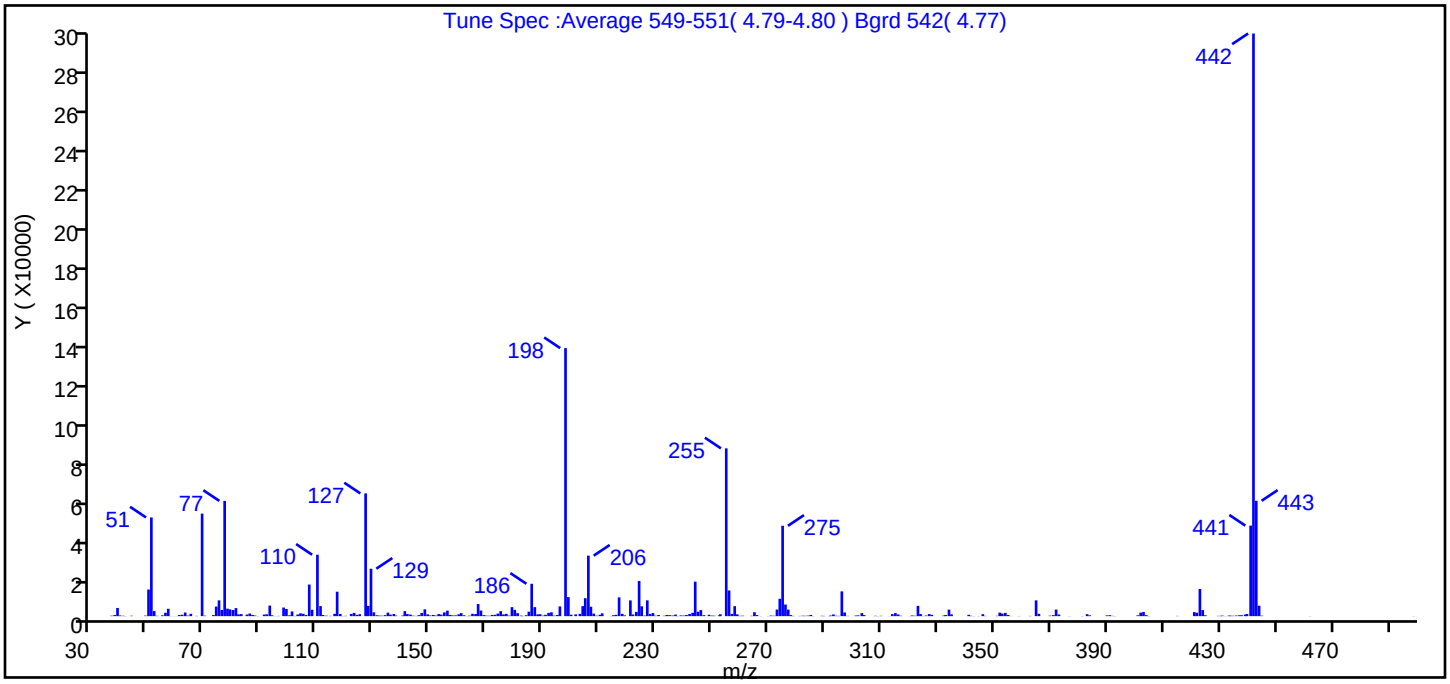
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D				
Injection Date:	24-May-2024 06:16:30	Instrument ID:	CBNAMS4		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	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	0.0 (0.0)
69	Present	38.3
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.1
365	>1% of m/z 198	5.9
441	<150% of m/z 443	33.8 (78.5)
442	Present	217.4
443	15-24% of m/z 442	43.0 (19.8)

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D\Surr SIM_LVI_4.rslt\spectra.d
Injection Date: 24-May-2024 06:16:30
Spectrum: Tune Spec :Average 549-551(4.79-4.80) Bgrd 542(4.77)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	223	133.00	212	216.00	672	313.00	58
38.00	538	134.00	497	217.00	9381	314.00	985
39.00	4085	135.00	1743	218.00	1157	315.00	1530
40.00	318	136.00	770	219.00	386	316.00	822
41.00	192	137.00	1085	221.00	7864	317.00	174
42.00	71	138.00	259	222.00	843	320.00	52
44.00	205	139.00	15	223.00	2105	321.00	325
49.00	265	140.00	290	224.00	17552	322.00	213
50.00	13307	141.00	2491	225.00	4905	323.00	5131
51.00	49328	142.00	1038	226.00	273	324.00	1068
52.00	2534	143.00	765	227.00	7904	325.00	116
53.00	174	144.00	227	228.00	1098	326.00	297
55.00	403	145.00	128	229.00	1551	327.00	1029
56.00	1696	146.00	513	230.00	226	328.00	650
57.00	3674	147.00	1625	231.00	564	332.00	272
58.00	58	148.00	3407	233.00	186	333.00	560
59.00	51	149.00	869	234.00	561	334.00	3256
60.00	57	150.00	334	235.00	524	335.00	883
61.00	583	151.00	599	236.00	294	341.00	660
62.00	705	152.00	272	237.00	777	342.00	186
63.00	1821	153.00	1030	238.00	74	343.00	59
64.00	281	154.00	755	239.00	364	344.00	85
65.00	1164	155.00	1884	240.00	285	346.00	972
67.00	127	156.00	2756	241.00	574	347.00	124
69.00	51240	157.00	598	242.00	1071	351.00	170
70.00	245	158.00	388	243.00	1671	352.00	1762
73.00	532	159.00	403	244.00	17232	353.00	1279
74.00	4786	160.00	895	245.00	2210	354.00	1612
75.00	7885	161.00	1517	246.00	3020	355.00	575
76.00	3086	162.00	445	247.00	502	356.00	50
77.00	57592	163.00	58	249.00	686	359.00	94
78.00	3741	164.00	246	250.00	265	363.00	118
79.00	3382	165.00	1187	251.00	193	365.00	7889

Report Date: 24-May-2024 11:20:14 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D\Surr SIM_LVI_4.rslt\spectra.d
Injection Date: 24-May-2024 06:16:30
Spectrum: Tune Spec :Average 549-551(4.79-4.80) Bgrd 542(4.77)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	3052	166.00	1069	252.00	384	366.00	1142
81.00	4023	167.00	6057	253.00	921	370.00	255
82.00	885	168.00	2808	255.00	83856	371.00	502
83.00	1005	169.00	515	256.00	12828	372.00	3283
85.00	791	170.00	255	257.00	1123	373.00	798
86.00	1311	171.00	209	258.00	5003	377.00	62
87.00	626	172.00	610	259.00	887	381.00	71
88.00	299	173.00	683	260.00	163	383.00	985
89.00	59	174.00	1275	261.00	227	384.00	414
91.00	787	175.00	2482	264.00	184	390.00	365
92.00	920	176.00	856	265.00	1973	391.00	471
93.00	5282	177.00	1139	266.00	538	392.00	136
94.00	418	178.00	265	267.00	63	393.00	69
95.00	52	179.00	4502	270.00	93	401.00	427
96.00	130	180.00	3127	271.00	306	402.00	1733
98.00	4297	181.00	1499	272.00	187	403.00	2098
99.00	3582	182.00	275	273.00	3305	404.00	484
100.00	425	183.00	60	274.00	8700	405.00	78
101.00	2340	184.00	459	275.00	45160	415.00	128
102.00	95	185.00	2223	276.00	5798	421.00	2014
103.00	817	186.00	16174	277.00	3265	422.00	1692
104.00	1405	187.00	4497	278.00	528	423.00	13584
105.00	1179	188.00	883	279.00	108	424.00	3039
106.00	512	189.00	947	281.00	117	425.00	444
107.00	15794	190.00	243	282.00	207	429.00	125
108.00	3190	191.00	679	283.00	190	430.00	160
110.00	30696	192.00	1632	284.00	259	431.00	247
111.00	5016	193.00	1921	285.00	612	432.00	56
112.00	560	194.00	283	286.00	60	433.00	275
113.00	228	195.00	607	289.00	163	434.00	227
114.00	147	196.00	4851	290.00	128	435.00	198
116.00	1149	198.00	133952	292.00	62	436.00	315
117.00	12212	199.00	9515	292.00	312	437.00	436
118.00	1083	200.00	708	293.00	823	438.00	455

Report Date: 24-May-2024 11:20:14 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D\Surr SIM_LVI_4.rslt\spectra.d
Injection Date: 24-May-2024 06:16:30
Spectrum: Tune Spec :Average 549-551(4.79-4.80) Bgrd 542(4.77)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
119.00	82	202.00	878	294.00	200	439.00	799
120.00	148	203.00	1145	295.00	138	440.00	1083
122.00	1119	204.00	5017	296.00	12383	441.00	45240
123.00	1621	205.00	8973	297.00	1817	442.00	291200
124.00	657	206.00	30232	298.00	131	443.00	57648
125.00	963	207.00	4700	301.00	287	444.00	5215
127.00	61344	208.00	1261	302.00	392	445.00	238
128.00	5122	209.00	226	303.00	1513	446.00	7
129.00	23704	210.00	657	304.00	525	462.00	56
130.00	1910	211.00	1393	308.00	168	499.00	59
131.00	450	214.00	91	309.00	65		
132.00	250	215.00	471	310.00	157		

Report Date: 24-May-2024 11:20:14 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D

Injection Date: 24-May-2024 06:16:30 Instrument ID: CBNAMS4 Operator ID:

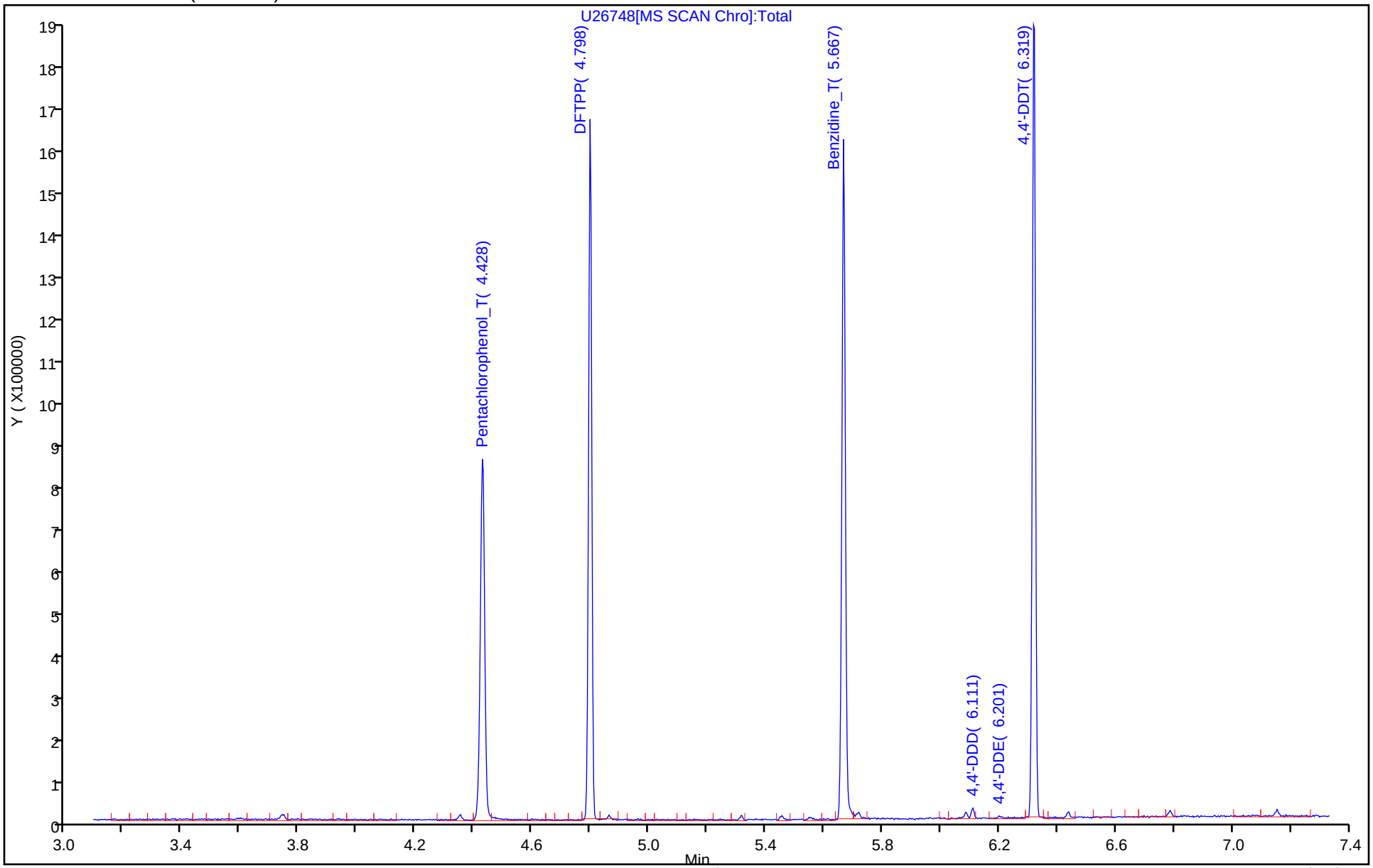
Lims ID: DFTPP Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D				
Injection Date:	24-May-2024 06:16:30	Instrument ID:	CBNAMS4		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

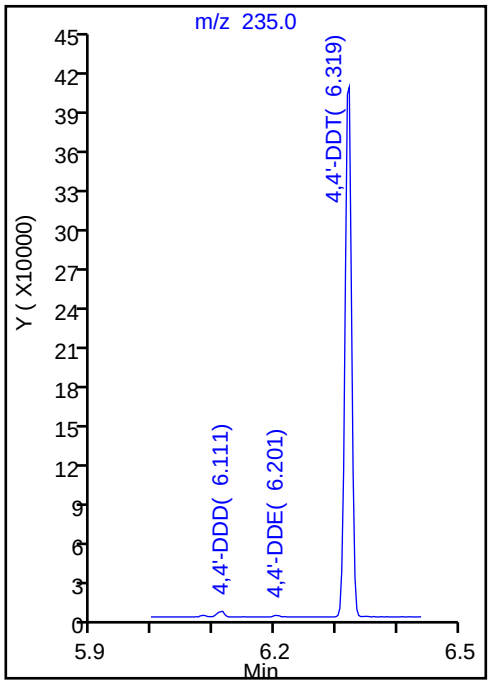
38 4,4'-DDT, Detector: MS SCAN

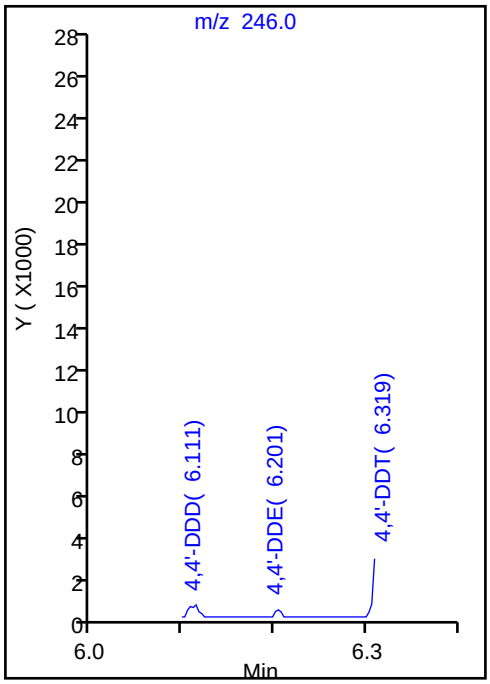
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 302968
37 4,4'-DDD, Area = 3537
36 4,4'-DDE, Area = 151

%Breakdown: 1.20%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

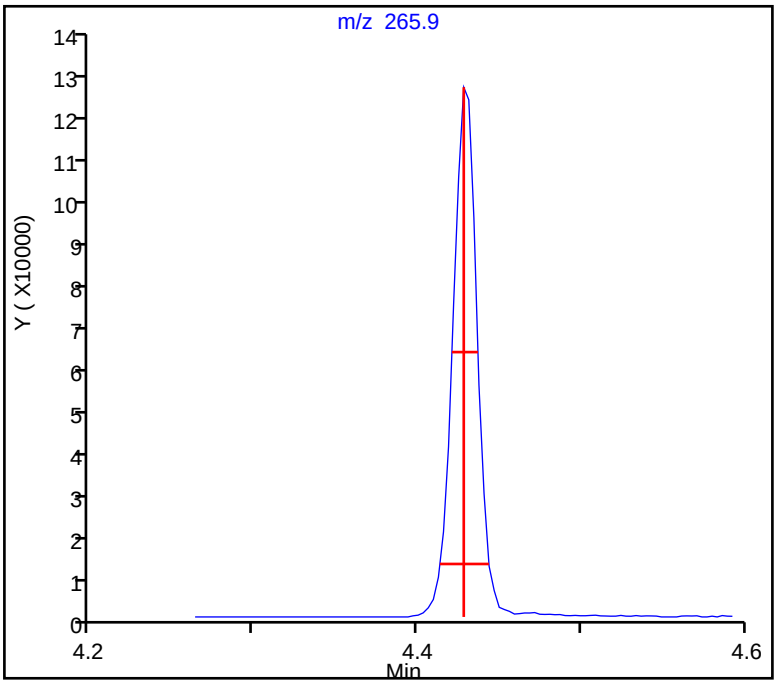
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D
Injection Date: 24-May-2024 06:16:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270E SIM ICAL

5 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



Peak Tailing Report

Eurofins Edison

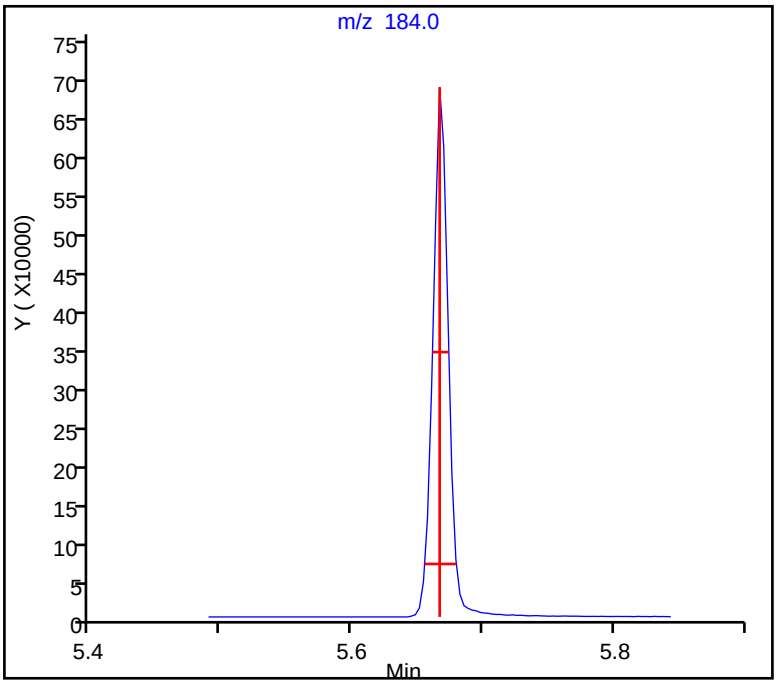
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26748.D				
Injection Date:	24-May-2024 06:16:30	Instrument ID:	CBNAMS4		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.08, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 22-May-2024 11:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0176243-001
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 23-May-2024 09:27:38 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: G4KC Date: 23-May-2024 09:27:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	3.675	3.675	0.000	0	773333	NR	NR	a
35 DFTPP									
36 Benzidine_T	184	4.962	4.962	0.000	0	3436747	NR	NR	
37 4,4'-DDD	246	5.114	5.114	0.000	0	11632		NR	a
38 4,4'-DDE	246	5.408	5.408	0.000	0	2868		NR	a
39 4,4'-DDT	235	5.620	5.620	0.000	0	1733322	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

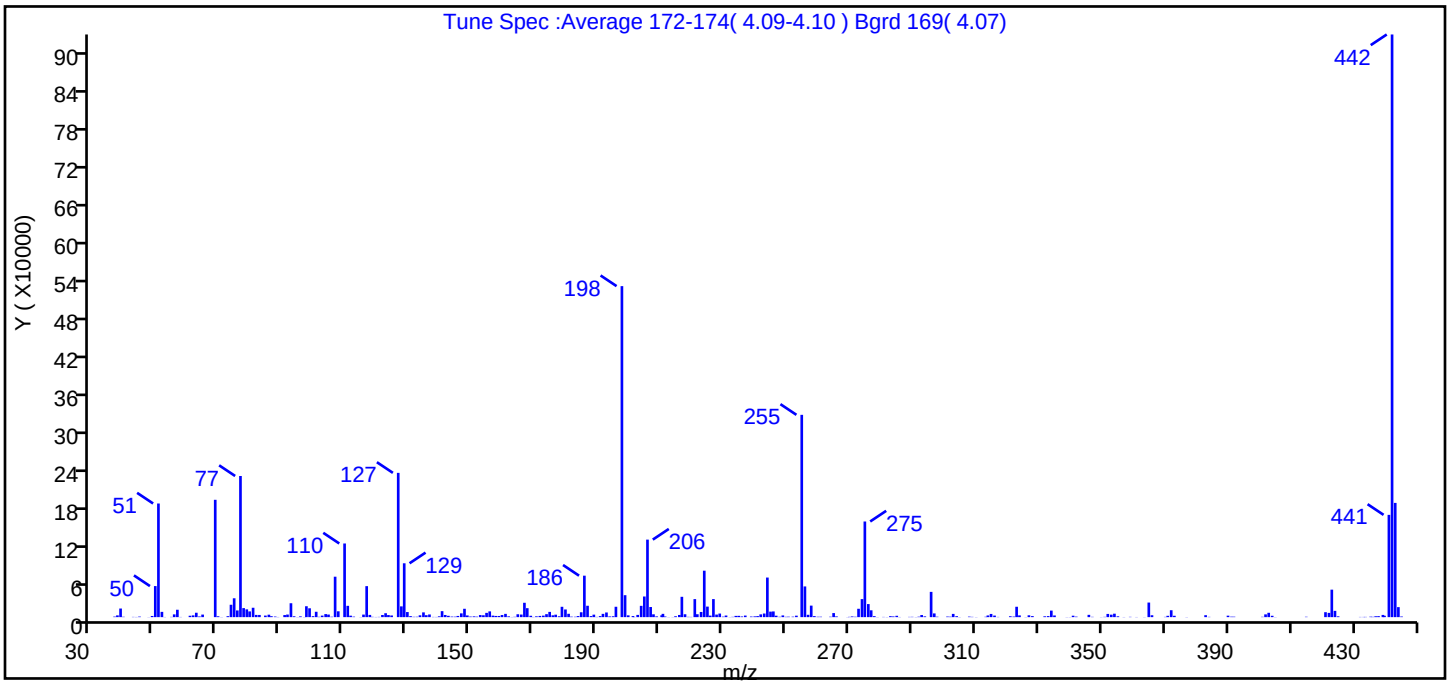
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D				
Injection Date:	22-May-2024 11:48:30	Instrument ID:	CBNAMS9		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Tune Method:	DFTPP Method 8270E, BP 198				

35 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.0 (0.0)
69	Present	35.4
70	<2% of m/z 69	0.3 (0.7)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.6
365	>1% of m/z 198	4.4
441	<150% of m/z 443	30.9 (89.5)
442	Present	176.0
443	15-24% of m/z 442	34.5 (19.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 22-May-2024 11:48:30
Spectrum: Tune Spec :Average 172-174(4.09-4.10) Bgrd 169(4.07)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 313

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	879	131.00	1606	211.00	5255	302.00	725
38.00	2803	132.00	533	212.00	1006	303.00	5174
39.00	13730	133.00	617	213.00	198	304.00	1520
40.00	604	134.00	2931	214.00	188	305.00	225
43.00	391	135.00	7598	215.00	1431	308.00	841
44.00	290	136.00	3110	216.00	3473	309.00	459
45.00	885	137.00	4249	217.00	32408	310.00	221
48.00	187	138.00	355	218.00	4603	313.00	601
49.00	1852	139.00	313	219.00	470	314.00	2683
50.00	49512	140.00	1292	220.00	362	315.00	5095
51.00	181120	141.00	9544	221.00	28736	316.00	2490
52.00	8414	142.00	3448	222.00	4627	317.00	353
53.00	270	143.00	2133	223.00	8236	321.00	1427
55.00	397	144.00	889	224.00	74032	322.00	880
56.00	4408	145.00	748	225.00	16792	323.00	16552
57.00	11782	146.00	1920	226.00	2425	324.00	2797
58.00	301	147.00	6033	227.00	28776	326.00	224
61.00	2209	148.00	13336	228.00	4102	327.00	2941
62.00	2807	149.00	2706	229.00	5721	328.00	1667
63.00	7016	150.00	918	230.00	775	332.00	1322
64.00	1063	151.00	1227	231.00	2576	333.00	1670
65.00	4092	152.00	783	232.00	196	334.00	10427
69.00	187008	153.00	3341	233.00	470	335.00	2666
70.00	1382	154.00	2993	234.00	2007	339.00	209
71.00	220	155.00	6801	235.00	2081	340.00	203
73.00	1536	156.00	9183	236.00	1094	341.00	2282
74.00	19744	157.00	2398	237.00	2494	342.00	812
75.00	30072	158.00	1916	239.00	966	346.00	3663
76.00	10669	159.00	1863	240.00	1216	347.00	487
77.00	224960	160.00	3369	241.00	1635	350.00	183
78.00	14403	161.00	5221	242.00	4437	351.00	460
79.00	12399	162.00	1252	243.00	5762	352.00	5130
80.00	9140	163.00	257	244.00	63104	353.00	3949

Report Date: 23-May-2024 09:27:38 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 22-May-2024 11:48:30
Spectrum: Tune Spec :Average 172-174(4.09-4.10) Bgrd 169(4.07)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 313

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	14969	164.00	529	245.00	8786	354.00	5507
82.00	3549	165.00	4585	246.00	9101	355.00	1308
83.00	3494	166.00	4137	247.00	2297	357.00	239
84.00	9	167.00	22896	248.00	552	359.00	470
85.00	2498	168.00	14304	249.00	2732	361.00	252
86.00	3903	169.00	2183	250.00	519	364.00	195
87.00	1520	170.00	299	251.00	718	365.00	23248
88.00	934	171.00	1289	252.00	769	366.00	3025
89.00	269	172.00	1934	253.00	2343	370.00	403
91.00	3310	173.00	2403	255.00	322432	371.00	2122
92.00	4124	174.00	4744	256.00	48944	372.00	11027
93.00	22160	175.00	8377	257.00	3741	373.00	2182
94.00	1375	176.00	2900	258.00	18368	377.00	228
95.00	222	177.00	3924	259.00	1615	383.00	3099
96.00	1235	178.00	1324	260.00	640	384.00	446
97.00	231	179.00	16496	261.00	674	390.00	2333
98.00	17392	180.00	12223	264.00	680	391.00	760
99.00	14124	181.00	5338	265.00	6481	392.00	721
100.00	1553	182.00	800	266.00	1135	401.00	536
101.00	8567	183.00	617	270.00	188	402.00	4415
102.00	535	184.00	1734	270.00	479	403.00	6941
103.00	2439	185.00	7767	271.00	1099	404.00	2175
104.00	4869	186.00	66088	272.00	653	405.00	219
105.00	4120	187.00	18144	273.00	13342	415.00	612
106.00	657	188.00	1687	274.00	28744	421.00	7892
107.00	64448	189.00	3968	275.00	152448	422.00	6784
108.00	9329	190.00	379	276.00	20832	423.00	43808
110.00	117392	191.00	1629	277.00	10892	424.00	10003
111.00	18032	192.00	5247	278.00	1560	425.00	1284
112.00	2337	193.00	7440	279.00	220	432.00	331
113.00	796	194.00	1138	281.00	356	433.00	345
115.00	231	195.00	1393	282.00	214	434.00	385
116.00	4080	196.00	16544	283.00	1558	435.00	755
117.00	49416	198.00	527552	284.00	1121	436.00	510

Report Date: 23-May-2024 09:27:38 Chrom Revision: 2.3 20-May-2024 22:00:34
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 22-May-2024 11:48:30
Spectrum: Tune Spec :Average 172-174(4.09-4.10) Bgrd 169(4.07)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 313

m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	3573	199.00	34984	285.00	2160	437.00	1392
119.00	500	200.00	2871	286.00	263	438.00	1570
120.00	276	202.00	1708	289.00	409	439.00	3524
121.00	408	202.00	316	290.00	501	440.00	2215
122.00	3411	203.00	3574	291.00	226	441.00	163008
123.00	6258	204.00	18000	292.00	717	442.00	928640
124.00	3317	205.00	32904	293.00	3366	443.00	182080
125.00	2658	206.00	123568	294.00	1214	444.00	15965
127.00	229952	207.00	16141	296.00	40272	445.00	994
128.00	17160	208.00	4523	297.00	5926		
129.00	85840	209.00	1168	298.00	702		
130.00	8115	211.00	2944	301.00	940		

Report Date: 23-May-2024 09:27:38 Chrom Revision: 2.3 20-May-2024 22:00:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D

Injection Date: 22-May-2024 11:48:30 Instrument ID: CBNAMS9

Lims ID: DFTPP

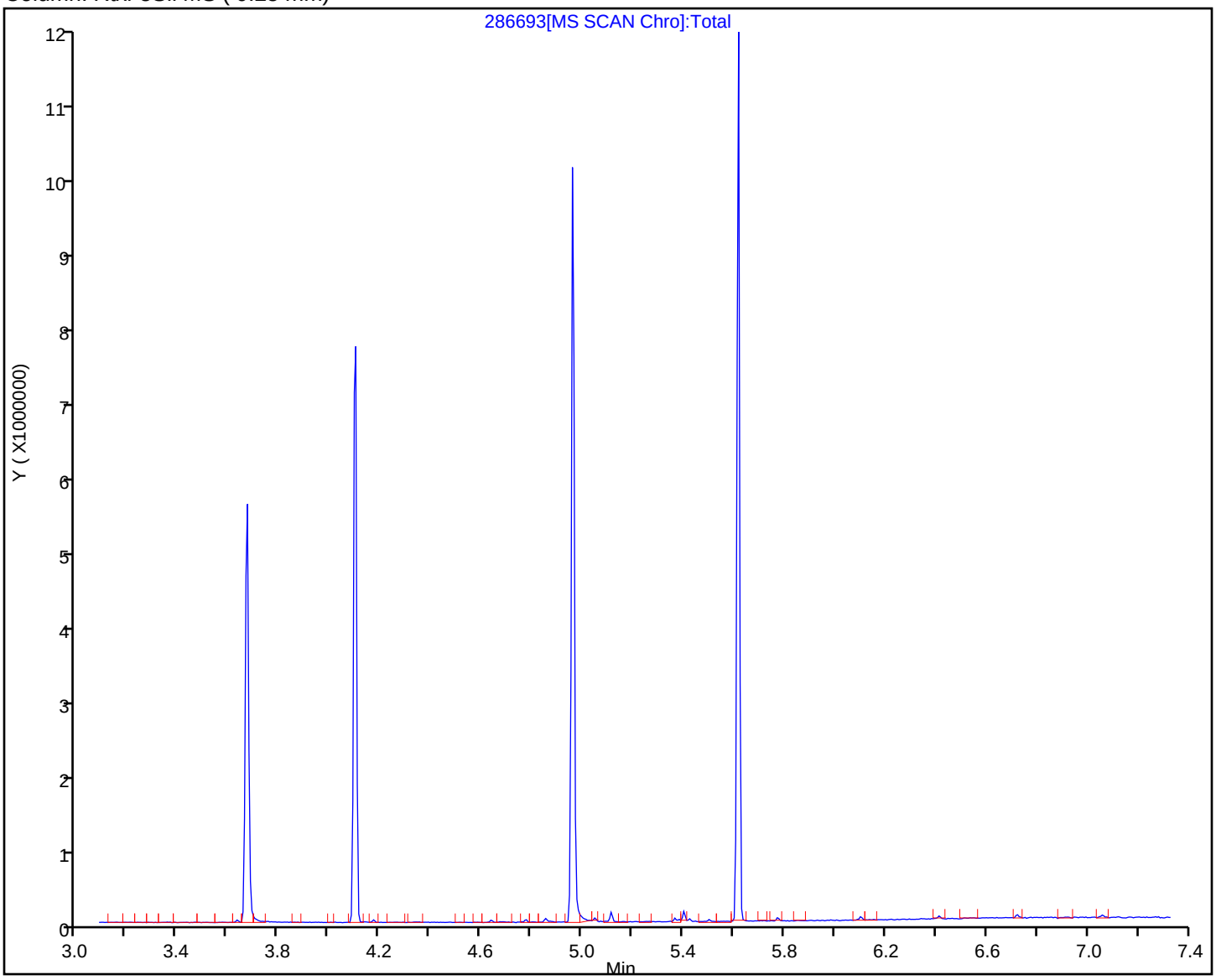
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D				
Injection Date:	22-May-2024 11:48:30	Instrument ID:	CBNAMS9		
Lims ID:	DFTPP				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		

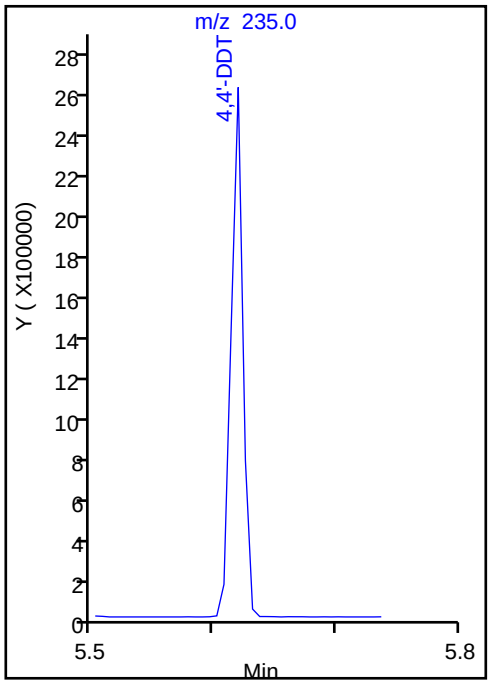
39 4,4'-DDT, Detector: MS SCAN

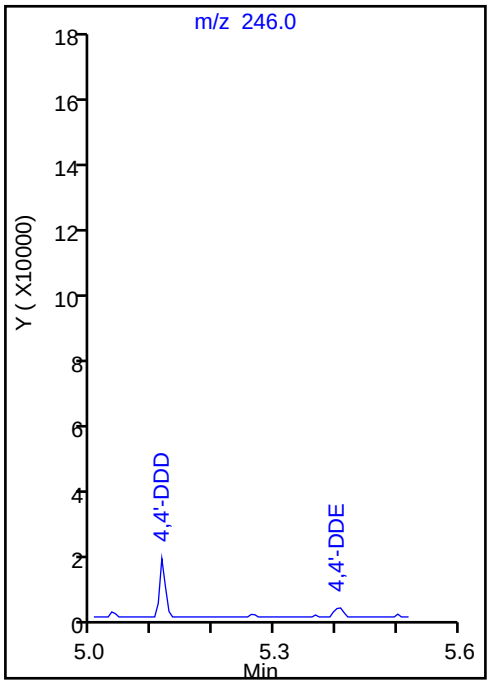
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

39 4,4'-DDT, Area = 1733322
37 4,4'-DDD, Area = 11632
38 4,4'-DDE, Area = 2868

%Breakdown: 0.83%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

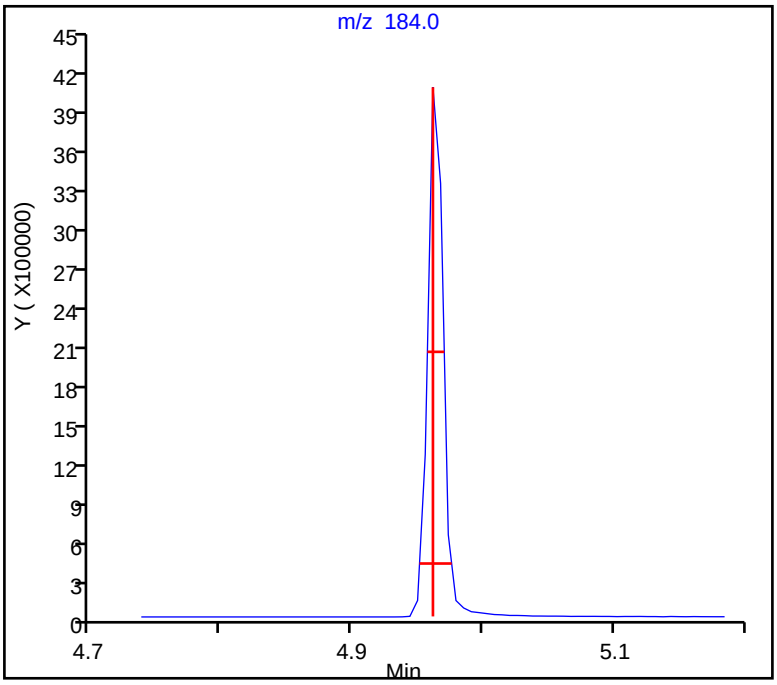
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D
Injection Date: 22-May-2024 11:48:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

36 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.40, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

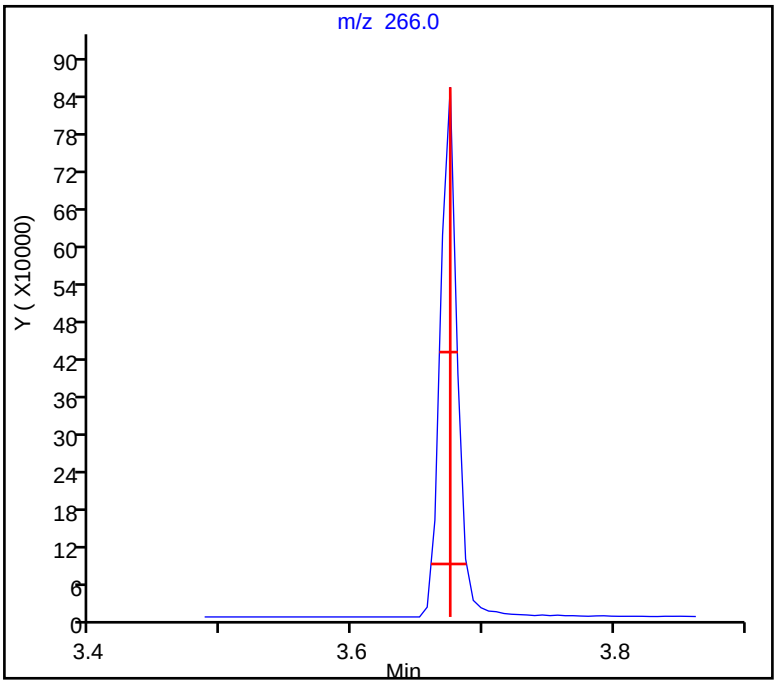
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286693.D
Injection Date: 22-May-2024 11:48:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.80, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-981480/1-A
Matrix: Water
Lab File ID: 287342.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 07:48
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.: 981569
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\CBNAMS9\20240621-177462.b\287342.D
Lims ID: MB 460-981480/1-A
Client ID:
Sample Type: MB
Inject. Date: 22-Jun-2024 07:48:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-004
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:34:22 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 08:34:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.434	3.434	0.000	99	18294	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.989	3.997	-0.008	95	967211	10.0	10.9	
* 7 Naphthalene-d8	136	4.689	4.689	0.000	99	52025	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	5.739	5.740	-0.001	92	1172010	10.0	5.99	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	82	16841	0.2000	0.2000	
$ 20 2,4,6-Tribromophenol	330	7.100	7.100	0.000	85	686075	10.0	24.4	M
* 17 Phenanthrene-d10	188	7.742	7.742	0.000	100	29173	0.2000	0.2000	
$ 23 Terphenyl-d14	244	9.258	9.258	0.000	92	1013310	10.0	12.0	
* 25 Chrysene-d12	240	10.208	10.208	0.000	92	18662	0.2000	0.2000	
* 30 Perylene-d12	264	11.710	11.722	-0.012	99	16624	0.2000	0.2000	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 08:34:22 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287342.D

Injection Date: 22-Jun-2024 07:48:30 Instrument ID: CBNAMS9

Lims ID: MB 460-981480/1-A

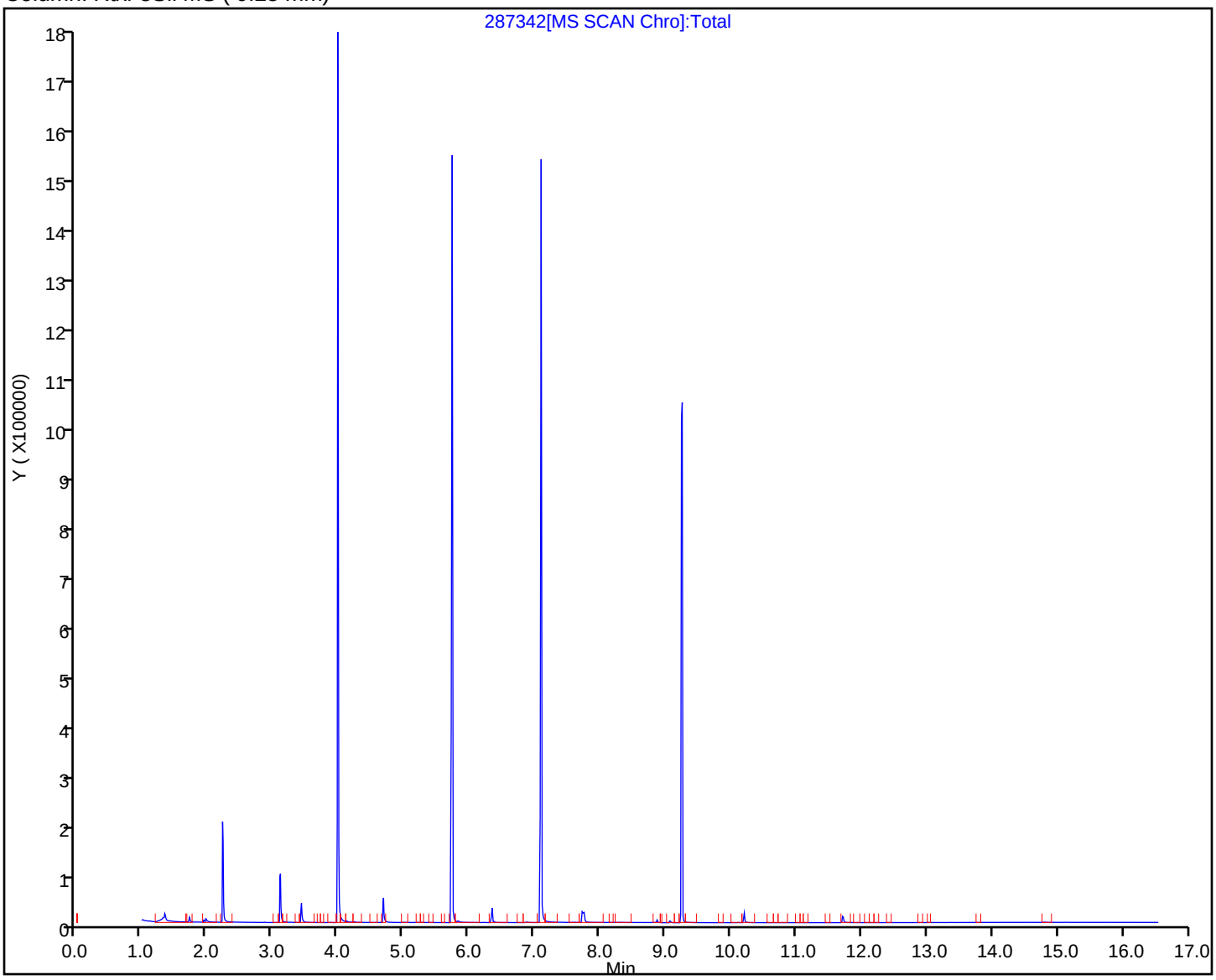
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287342.D				
Lims ID:	MB 460-981480/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	22-Jun-2024 07:48:30	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177462-004				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:34:22	Calib Date:	22-May-2024 17:01:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: V5XH Date: 24-Jun-2024 08:34:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	10.9	108.73
$ 9 2-Fluorobiphenyl	10.0	5.99	59.86
$ 20 2,4,6-Tribromophenol	10.0	24.4	243.64
$ 23 Terphenyl-d14	10.0	12.0	120.30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-981856/1-A
Matrix: Water
Lab File ID: C304332.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/24/2024 07:55
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 12:02
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 981870
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\20240624-177551.b\C304332.D
Lims ID: MB 460-981856/1-A
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2024 12:02:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-010
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 10:40:51 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 12:59:07

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	3.746	3.745	0.001	100	21499	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.291	4.296	-0.005	95	65967	1.00	0.6026	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	69058	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	6.038	6.038	0.000	100	151789	1.00	0.5444	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	34286	0.2000	0.2000	
$ 23 2,4,6-Tribromophenol	330	7.402	7.402	0.001	99	29408	1.00	0.7022	
* 17 Phenanthrene-d10	188	8.052	8.042	0.010	100	62565	0.2000	0.2000	a
$ 22 Terphenyl-d14	244	9.574	9.574	0.000	99	110901	1.00	0.7173	
* 25 Chrysene-d12	240	10.556	10.556	0.000	99	31902	0.2000	0.2000	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	37400	0.2000	0.2000	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 12:59:07 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304332.D

Injection Date: 24-Jun-2024 12:02:30 Instrument ID: CBNAMS13 Operator ID:

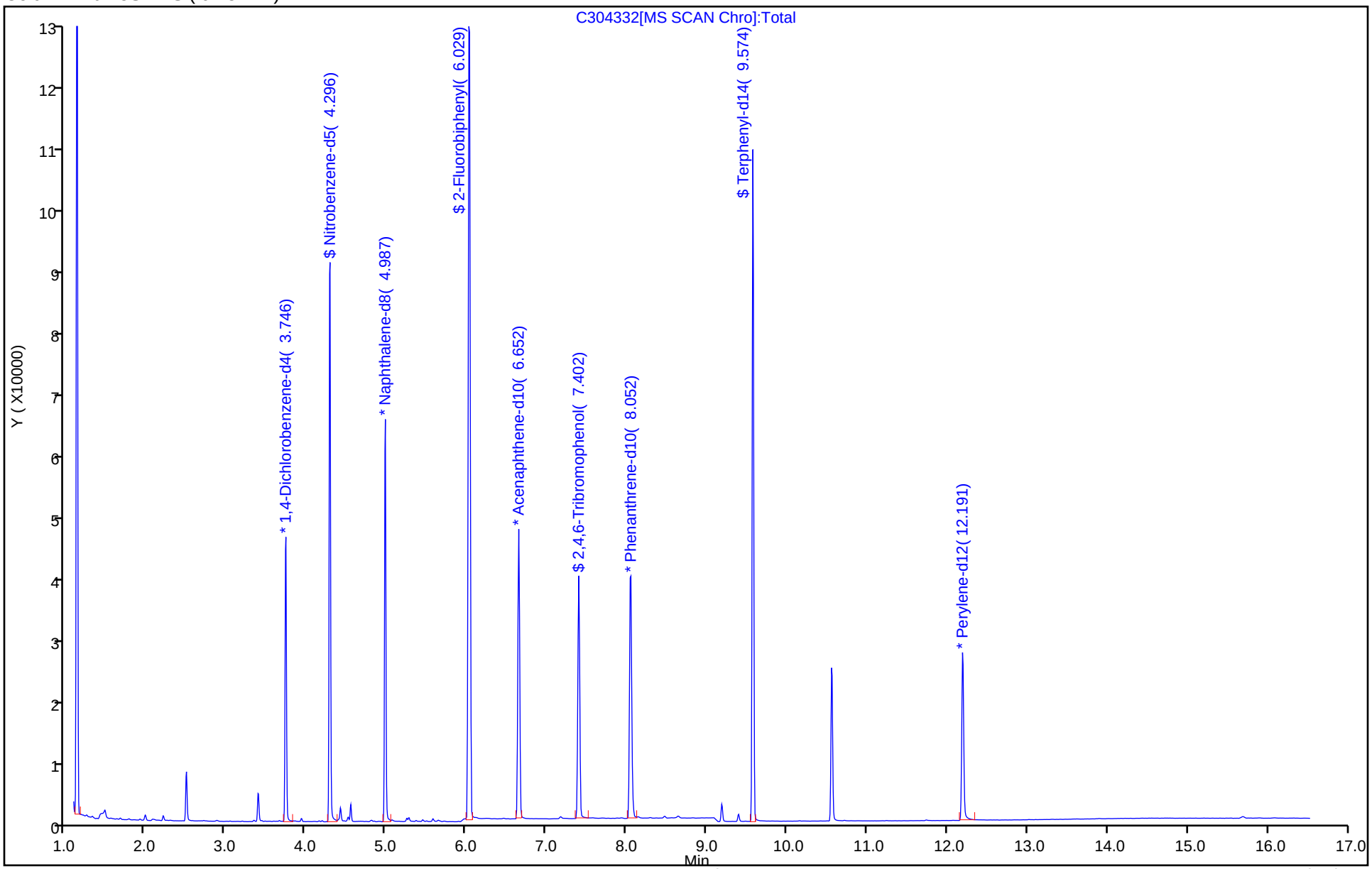
Lims ID: MB 460-981856/1-A Worklist Smp#: 10

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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304332.D				
Lims ID:	MB 460-981856/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	24-Jun-2024 12:02:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-010				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 10:40:51	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 12:59:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	1.00	0.6026	60.26
$ 9 2-Fluorobiphenyl	1.00	0.5444	54.44
$ 23 2,4,6-Tribromophenol	1.00	0.7022	70.22
$ 22 Terphenyl-d14	1.00	0.7173	71.73

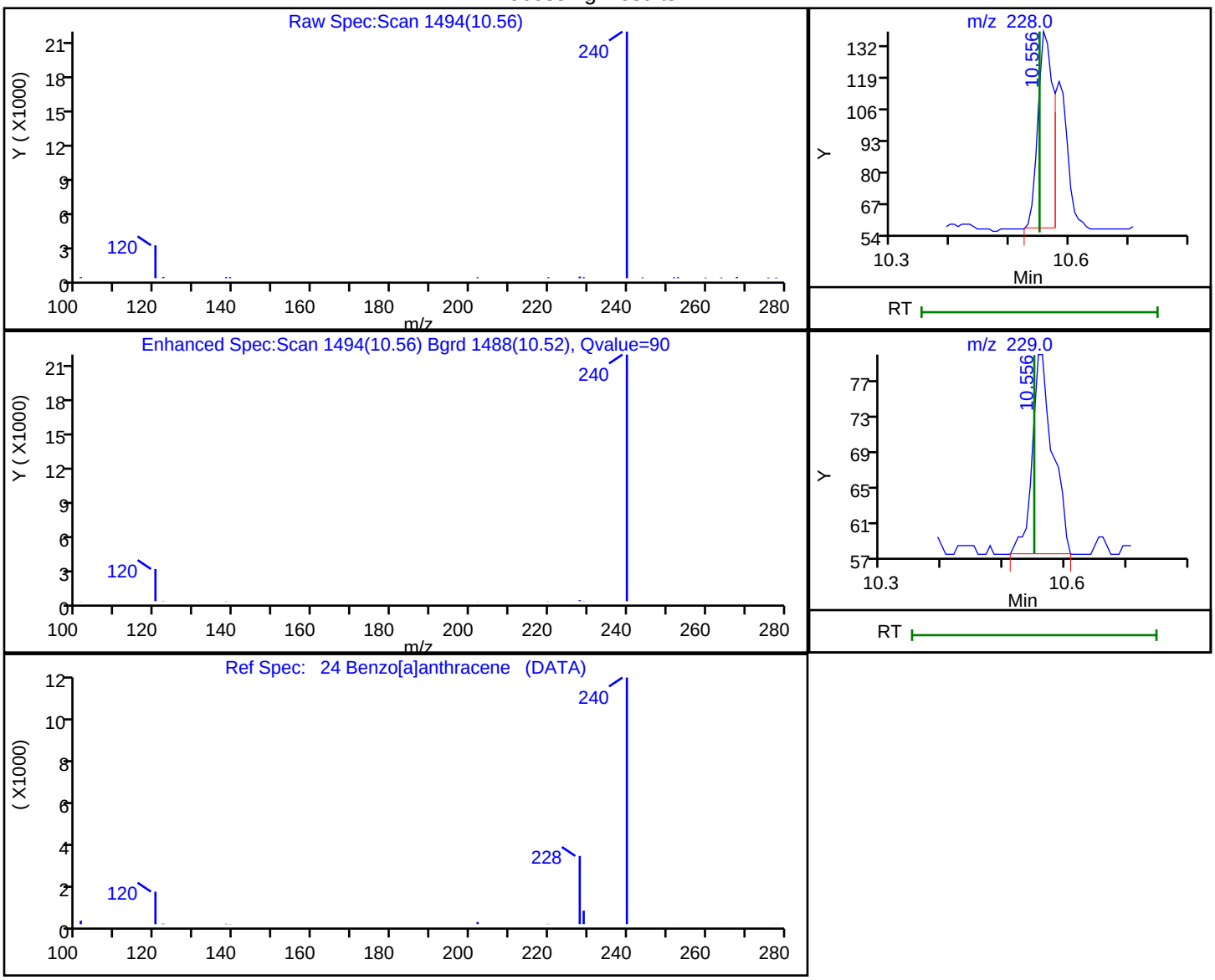
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304332.D				
Injection Date:	24-Jun-2024 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	MB 460-981856/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
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

Processing Results



RT	Mass	Response	Amount
10.56	228.00	151	0.000698
10.56	229.00	54	

Reviewer: G4KC, 24-Jun-2024 12:34:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

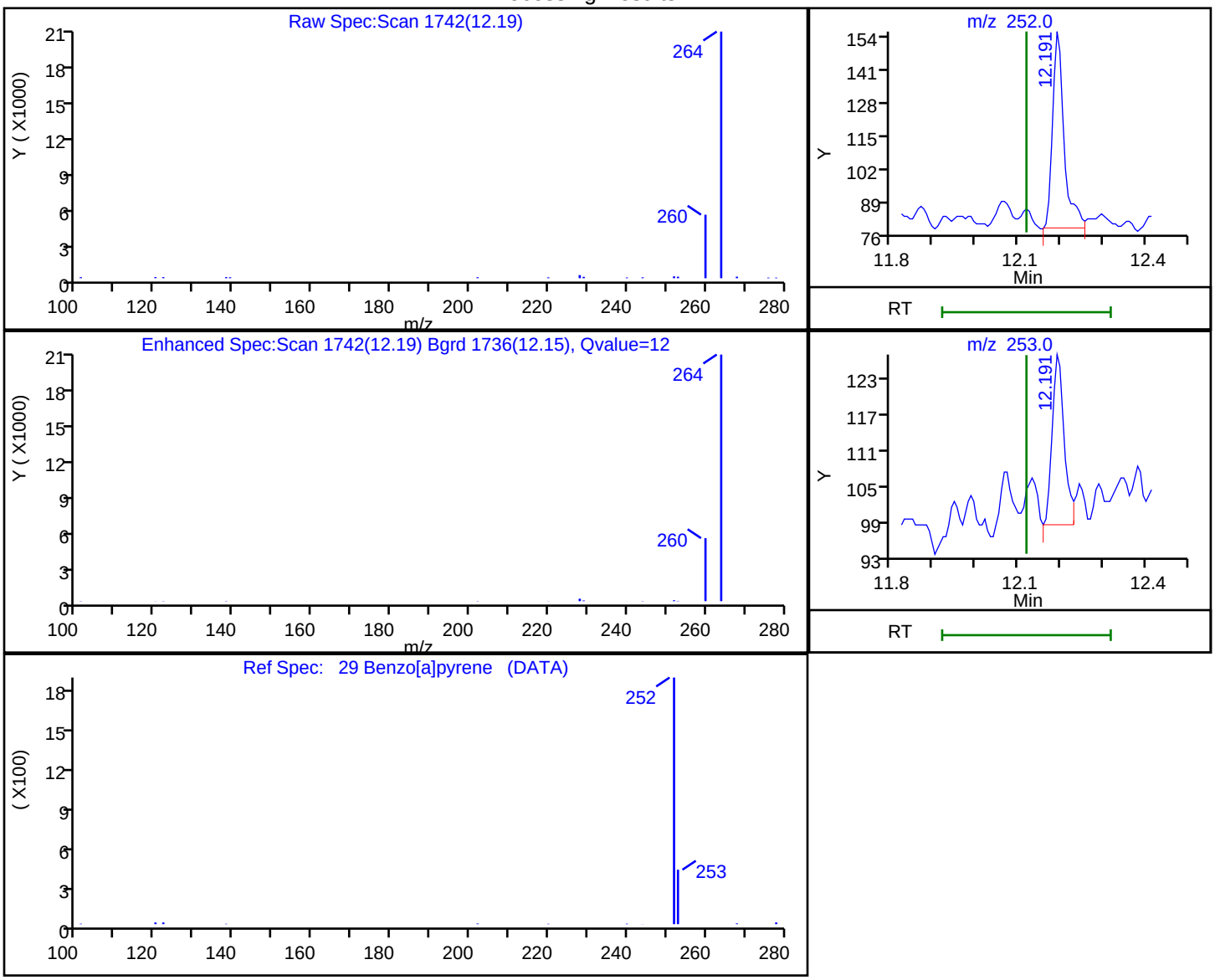
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304332.D				
Injection Date:	24-Jun-2024 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	MB 460-981856/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
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

Processing Results



RT	Mass	Response	Amount
12.19	252.00	151	0.000736
12.19	253.00	58	

Reviewer: G4KC, 24-Jun-2024 12:34:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

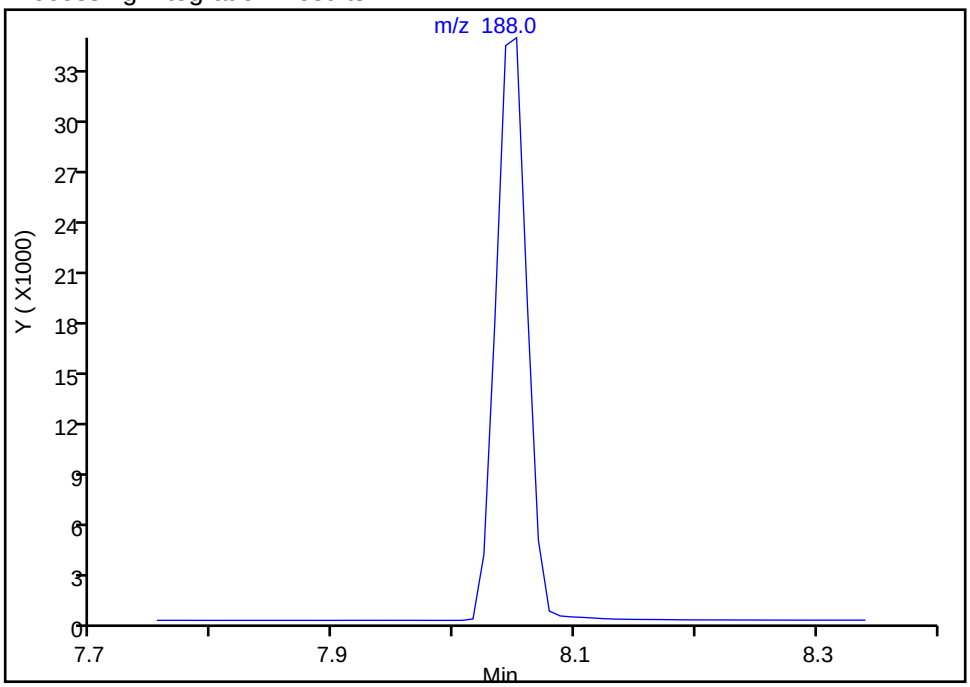
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304332.D				
Injection Date:	24-Jun-2024 12:02:30	Instrument ID:	CBNAMS13		
Lims ID:	MB 460-981856/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	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

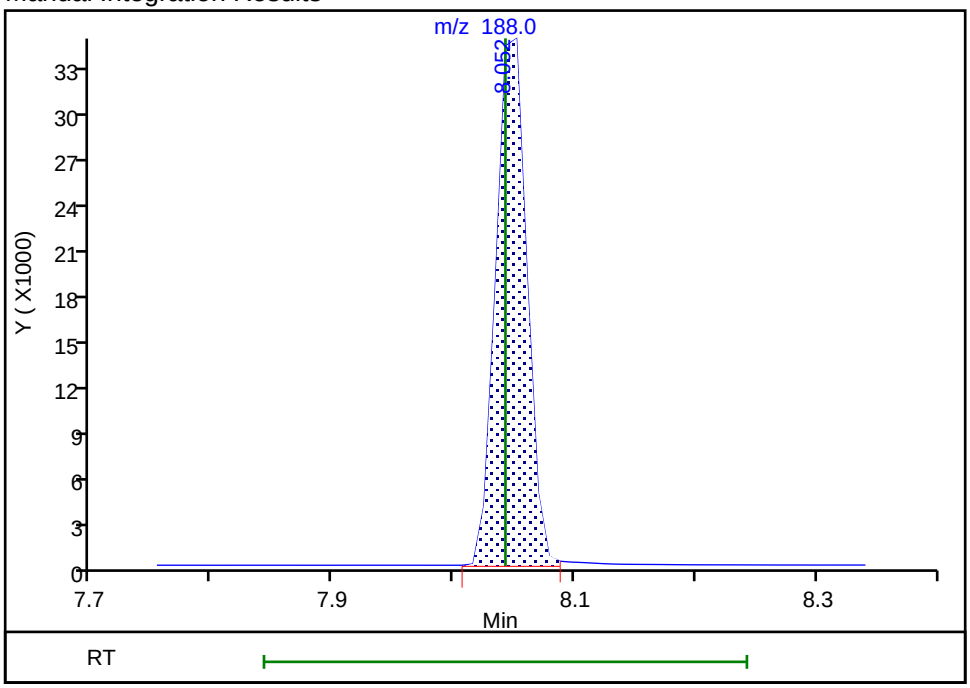
Processing Integration Results

Not Detected
Expected RT: 8.04



Manual Integration Results

RT: 8.05
Area: 62565
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 24-Jun-2024 12:34:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-981480/4-A
Matrix: Water
Lab File ID: 287343.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 08:09
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.: 981569
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.66		0.050	0.016
50-32-8	Benzo[a]pyrene	1.71		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.98		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.36		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.52		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.43		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.38		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287343.D
Lims ID: LCS 460-981480/4-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Jun-2024 08:09:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-005
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 11:37:42 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:40:54

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	1.116	1.092	0.016	100	2971	0.2500	0.0825	M
2 N-Nitrosodimethylamine	74	1.438	1.438	0.104	43	2909	0.2500	0.0782	M
3 Bis(2-chloroethyl)ether	93	3.192	3.192	0.000	93	15824	0.2500	0.1988	
* 5 1,4-Dichlorobenzene-d4	152	3.426	3.434	-0.008	97	17285	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.997	3.997	0.000	100	74441	1.00	0.9215	
* 7 Naphthalene-d8	136	4.681	4.689	-0.008	99	47245	0.2000	0.2000	
8 Naphthalene	128	4.705	4.705	0.000	100	32757	0.2500	0.1194	
$ 9 2-Fluorobiphenyl	172	5.740	5.740	0.000	93	113783	1.00	0.6634	
10 Acenaphthylene	152	6.214	6.213	0.001	100	29095	0.2500	0.1772	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	83	14753	0.2000	0.2000	
12 Acenaphthene	154	6.366	6.382	-0.016	87	17737	0.2500	0.1642	
13 Fluorene	166	6.856	6.871	-0.015	79	22156	0.2500	0.2029	
14 4,6-Dinitro-2-methylphenol	198	6.947	6.947	0.000	94	5820	0.5000	0.4169	
$ 20 2,4,6-Tribromophenol	330	7.100	7.100	0.000	87	47536	1.00	1.93	
15 Hexachlorobenzene	284	7.376	7.361	0.001	100	19237	0.2500	0.1949	
16 Pentachlorophenol	266	7.590	7.574	0.000	98	11015	0.5000	0.2476	
* 17 Phenanthrene-d10	188	7.727	7.742	-0.015	99	27769	0.2000	0.2000	
18 Phenanthrene	178	7.758	7.758	0.000	95	51729	0.2500	0.2044	
19 Anthracene	178	7.804	7.804	0.000	100	43568	0.2500	0.1981	
21 Fluoranthene	202	8.874	8.874	0.000	95	8671	0.2500	0.0368	
22 Pyrene	202	9.066	9.066	0.000	97	46517	0.2500	0.2659	
$ 23 Terphenyl-d14	244	9.258	9.258	0.000	93	75813	1.00	0.9803	
24 Benzo[a]anthracene	228	10.196	10.196	0.000	93	27715	0.2500	0.2076	
* 25 Chrysene-d12	240	10.208	10.208	0.000	91	17134	0.2000	0.2000	
26 Chrysene	228	10.232	10.232	0.000	1	36025	0.2500	0.2446	
27 Benzo[b]fluoranthene	252	11.289	11.289	0.000	100	33734	0.2500	0.2474	
28 Benzo[k]fluoranthene	252	11.325	11.325	0.000	100	30193	0.2500	0.1904	
29 Benzo[a]pyrene	252	11.650	11.650	0.000	100	20610	0.2500	0.2134	
* 30 Perylene-d12	264	11.710	11.722	-0.012	99	15799	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	12.984	12.984	0.000	89	24532	0.2500	0.1724	
32 Dibenz(a,h)anthracene	278	13.032	13.032	0.000	92	24734	0.2500	0.1788	
33 Benzo[g,h,i]perylene	276	13.296	13.296	0.000	79	26697	0.2500	0.1698	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00035	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 24-Jun-2024 11:39:04 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287343.D

Injection Date: 22-Jun-2024 08:09:30 Instrument ID: CBNAMS9

Lims ID: LCS 460-981480/4-A

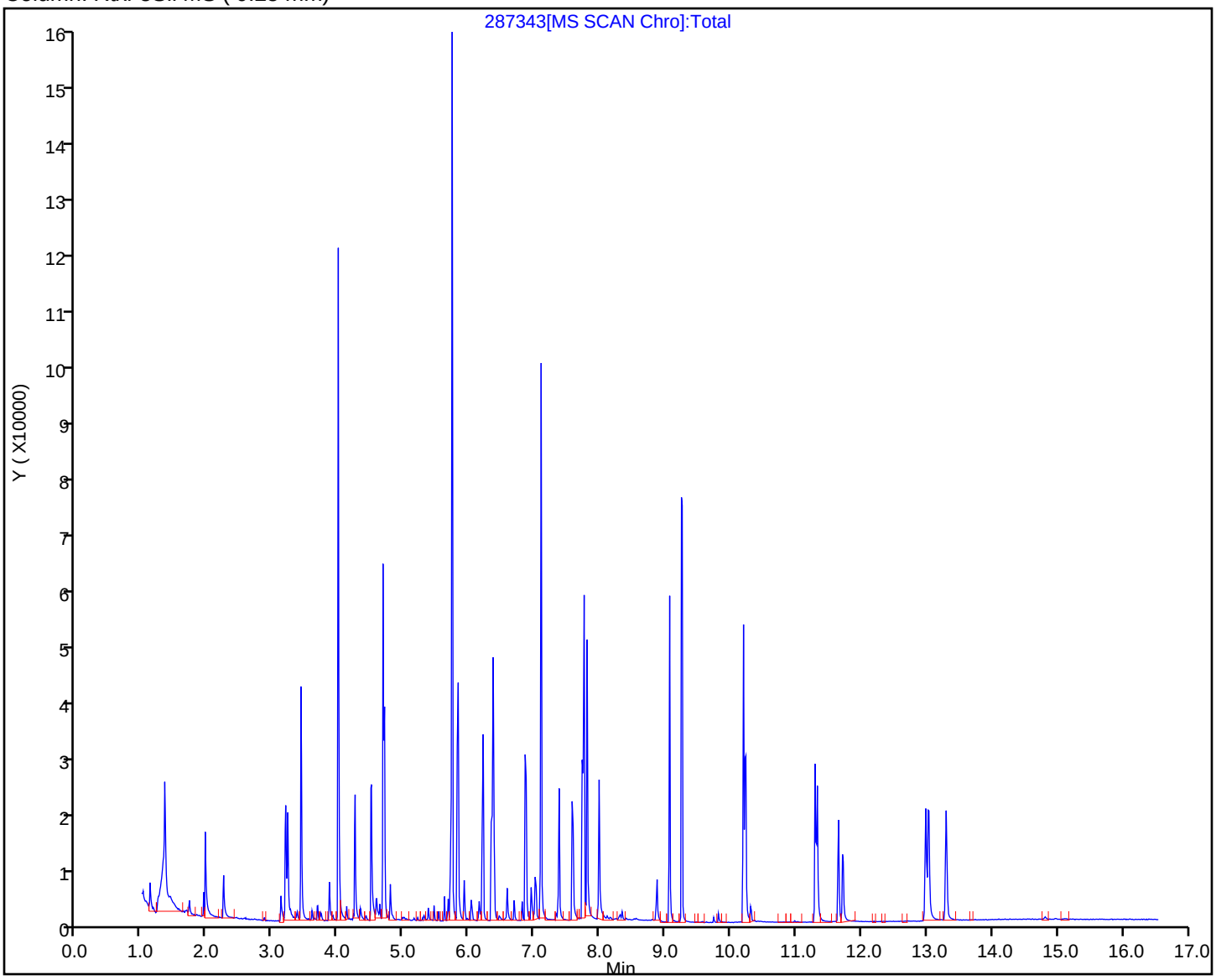
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287343.D
Lims ID: LCS 460-981480/4-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Jun-2024 08:09:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-005
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 11:37:42 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:40:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.9215	92.15
$ 9 2-Fluorobiphenyl	1.00	0.6634	66.34
$ 20 2,4,6-Tribromophenol	1.00	1.93	192.71
$ 23 Terphenyl-d14	1.00	0.9803	98.03

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-981856/2-A
Matrix: Water
Lab File ID: C304334.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/24/2024 07:55
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 12:44
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.: 981870
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.46		0.050	0.016
50-32-8	Benzo[a]pyrene	1.53		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.31		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.78		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.35		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.94		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.85		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304334.D
Lims ID: LCS 460-981856/2-A
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2024 12:44:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-012
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 13:13:23 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 13:13:23

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	1.326	1.315	0.011	74	2640	0.2500	0.0530	
2 N-Nitrosodimethylamine	74	1.554	1.528	0.026	63	2486	0.2500	0.0409	
3 Bis(2-chloroethyl)ether	93	3.496	3.496	0.000	92	17982	0.2500	0.1539	
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	21349	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.296	4.296	0.000	91	79065	1.00	0.7362	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	67752	0.2000	0.2000	
8 Naphthalene	128	5.002	5.008	-0.005	100	48387	0.2500	0.1318	
$ 9 2-Fluorobiphenyl	172	6.029	6.038	-0.009	100	203756	1.00	0.7424	
10 Acenaphthylene	152	6.517	6.517	0.000	100	54088	0.2500	0.1619	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	33745	0.2000	0.2000	
12 Acenaphthene	154	6.679	6.679	0.000	80	32614	0.2500	0.1616	
13 Fluorene	166	7.167	7.167	0.000	91	42166	0.2500	0.1812	
14 4,6-Dinitro-2-methylphenol	198	7.239	7.239	0.000	97	10236	0.5000	0.4946	
$ 23 2,4,6-Tribromophenol	330	7.402	7.402	0.001	97	42553	1.00	1.03	
15 Hexachlorobenzene	284	7.691	7.691	0.001	89	17085	0.2500	0.1805	
16 Pentachlorophenol	266	7.880	7.880	0.000	98	14902	0.5000	0.3506	
* 17 Phenanthrene-d10	188	8.043	8.042	0.001	100	61467	0.2000	0.2000	
18 Phenanthrene	178	8.070	8.070	0.001	36	70587	0.2500	0.1932	
19 Anthracene	178	8.115	8.115	0.000	100	53216	0.2500	0.1746	
20 Fluoranthene	202	9.185	9.185	0.000	100	61605	0.2500	0.1804	
21 Pyrene	202	9.390	9.390	0.001	100	58844	0.2500	0.1935	
$ 22 Terphenyl-d14	244	9.574	9.574	0.000	99	106656	1.00	0.6831	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	41	39951	0.2500	0.1829	
* 25 Chrysene-d12	240	10.556	10.556	0.000	88	32216	0.2000	0.2000	
26 Chrysene	228	10.583	10.583	0.000	100	49530	0.2500	0.1996	
27 Benzo[b]fluoranthene	252	11.736	11.730	0.007	100	41864	0.2500	0.1637	
28 Benzo[k]fluoranthene	252	11.763	11.763	0.001	95	45581	0.2500	0.1688	
29 Benzo[a]pyrene	252	12.119	12.119	0.001	98	33446	0.2500	0.1913	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	31875	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.555	13.555	0.000	100	56395	0.2500	0.2316	
32 Dibenz(a,h)anthracene	278	13.602	13.602	0.001	47	60046	0.2500	0.2430	
33 Benzo[g,h,i]perylene	276	13.885	13.885	0.000	99	58808	0.2500	0.2220	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 13:13:23 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304334.D

Injection Date: 24-Jun-2024 12:44:30 Instrument ID: CBNAMS13 Operator ID:

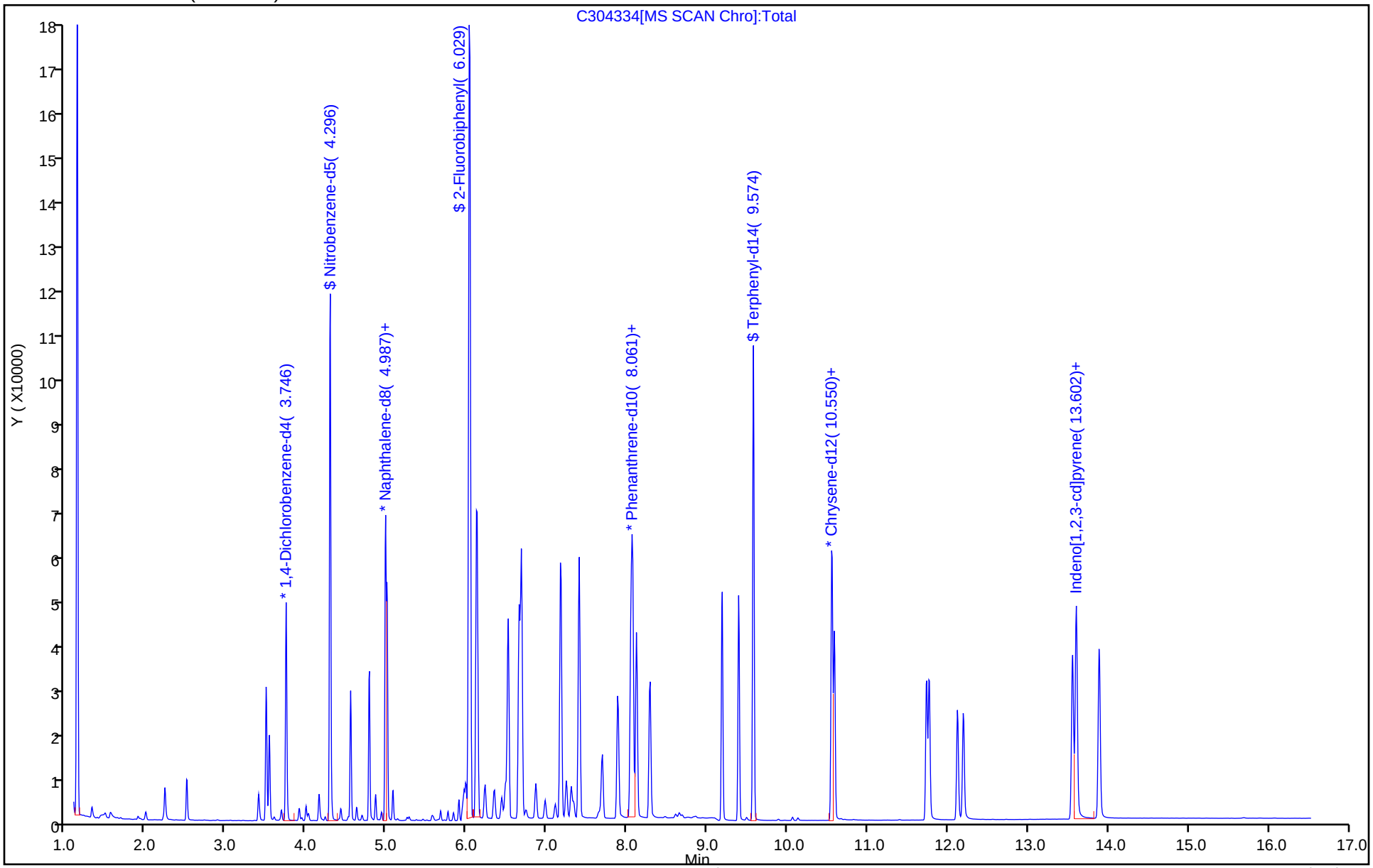
Lims ID: LCS 460-981856/2-A Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304334.D
Lims ID: LCS 460-981856/2-A
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2024 12:44:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-012
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 13:13:23 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 13:13:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	1.00	0.7362	73.62
$ 9 2-Fluorobiphenyl	1.00	0.7424	74.24
$ 23 2,4,6-Tribromophenol	1.00	1.03	103.23
$ 22 Terphenyl-d14	1.00	0.6831	68.31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-981480/5-A
Matrix: Water
Lab File ID: 287344.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/21/2024 08:59
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 08:30
Con. Extract Vol.: 2(mL)
Dilution Factor: 1
Injection Volume: 5(uL)
GC Column: Rtxi-5Sil MS ID: 0.25(mm)
% Moisture: % Solids:
GPC Cleanup:(Y/N) N
Cleanup Factor:
Level: (low/med) Low
Analysis Batch No.: 981569
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.82		0.050	0.016
50-32-8	Benzo[a]pyrene	1.87		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.71		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.48		0.050	0.035
207-08-9	Benzo[k]fluoranthene	2.00		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.51		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.50		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287344.D
Lims ID: LCSD 460-981480/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Jun-2024 08:30:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-006
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 11:37:42 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:41:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.108	1.092	0.008	98	4046	0.2500	0.1048	M
2 N-Nitrosodimethylamine	74	1.398	1.438	0.064	43	3597	0.2500	0.0882	M
3 Bis(2-chloroethyl)ether	93	3.192	3.192	0.000	92	20797	0.2500	0.2438	
* 5 1,4-Dichlorobenzene-d4	152	3.425	3.434	-0.009	97	18526	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.997	3.997	0.000	100	83487	1.00	0.9342	
* 7 Naphthalene-d8	136	4.681	4.689	-0.008	100	52263	0.2000	0.2000	
8 Naphthalene	128	4.705	4.705	0.000	100	45747	0.2500	0.1507	
$ 9 2-Fluorobiphenyl	172	5.739	5.740	-0.001	93	140514	1.00	0.7728	
10 Acenaphthylene	152	6.213	6.213	0.000	100	33222	0.2500	0.1909	
* 11 Acenaphthene-d10	164	6.351	6.351	0.000	82	15639	0.2000	0.2000	
12 Acenaphthene	154	6.366	6.382	-0.016	84	21707	0.2500	0.1896	
13 Fluorene	166	6.855	6.871	-0.016	82	26678	0.2500	0.2304	
14 4,6-Dinitro-2-methylphenol	198	6.947	6.947	0.000	86	9197	0.5000	0.6007	
$ 20 2,4,6-Tribromophenol	330	7.100	7.100	0.000	87	54554	1.00	2.09	
15 Hexachlorobenzene	284	7.375	7.361	0.000	100	22275	0.2500	0.2136	
16 Pentachlorophenol	266	7.589	7.574	-0.001	100	14193	0.5000	0.2990	
* 17 Phenanthrene-d10	188	7.727	7.742	-0.015	98	29339	0.2000	0.2000	
18 Phenanthrene	178	7.758	7.758	0.000	94	60974	0.2500	0.2280	
19 Anthracene	178	7.803	7.804	-0.001	99	52402	0.2500	0.2255	
21 Fluoranthene	202	8.874	8.874	0.000	95	9715	0.2500	0.0390	
22 Pyrene	202	9.066	9.066	0.000	97	57698	0.2500	0.2760	
$ 23 Terphenyl-d14	244	9.258	9.258	0.000	93	83884	1.00	0.9075	
24 Benzo[a]anthracene	228	10.196	10.196	0.000	94	36395	0.2500	0.2281	
* 25 Chrysene-d12	240	10.196	10.208	-0.012	31	20479	0.2000	0.2000	
26 Chrysene	228	10.220	10.232	-0.012	1	43681	0.2500	0.2481	
27 Benzo[b]fluoranthene	252	11.289	11.289	0.000	100	34914	0.2500	0.2137	
28 Benzo[k]fluoranthene	252	11.325	11.325	0.000	1	47419	0.2500	0.2496	
29 Benzo[a]pyrene	252	11.650	11.650	0.000	100	26995	0.2500	0.2333	
* 30 Perylene-d12	264	11.710	11.722	-0.012	99	18928	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	12.984	12.984	0.000	87	32041	0.2500	0.1879	
32 Dibenz(a,h)anthracene	278	13.032	13.032	0.000	91	31286	0.2500	0.1887	
33 Benzo[g,h,i]perylene	276	13.296	13.296	0.000	78	34934	0.2500	0.1855	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00035	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 24-Jun-2024 11:39:09 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287344.D

Injection Date: 22-Jun-2024 08:30:30 Instrument ID: CBNAMS9

Lims ID: LCSD 460-981480/5-A

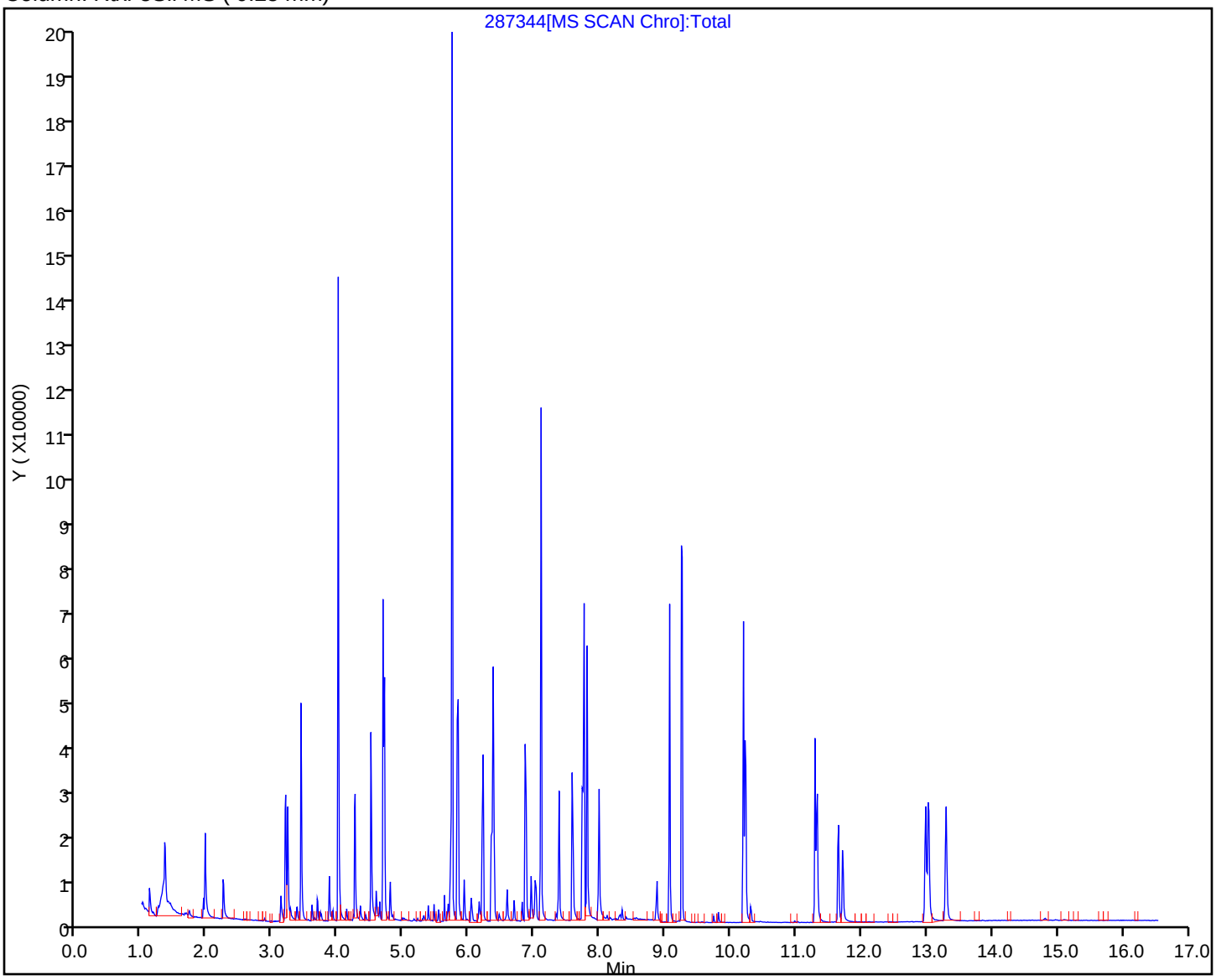
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\287344.D
Lims ID: LCSD 460-981480/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Jun-2024 08:30:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177462-006
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20240621-177462.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 11:37:42 Calib Date: 22-May-2024 17:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20240522-176243.b\286707.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 22-Jun-2024 09:41:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.9342	93.42
$ 9 2-Fluorobiphenyl	1.00	0.7728	77.28
$ 20 2,4,6-Tribromophenol	1.00	2.09	208.63
$ 23 Terphenyl-d14	1.00	0.9075	90.75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCSD 460-981856/3-A
Matrix: Water
Lab File ID: C304335.D
Analysis Method: 8270E SIM
Date Collected:
Extract. Method: 3510C
Date Extracted: 06/24/2024 07:55
Sample wt/vol: 250(mL)
Date Analyzed: 06/24/2024 13:05
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.: 981870
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	1.49		0.050	0.016
50-32-8	Benzo[a]pyrene	1.30		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.16		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.43		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.20		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	1.38		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.51		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304335.D
Lims ID: LCSD 460-981856/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 24-Jun-2024 13:05:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177551-013
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 13:26:24 Calib Date: 22-May-2024 11:06:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1642

First Level Reviewer: G4KC Date: 24-Jun-2024 13:26:24

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	1.325	1.315	0.010	73	2501	0.2500	0.0562	
2 N-Nitrosodimethylamine	74	1.554	1.528	0.026	64	2226	0.2500	0.0410	
3 Bis(2-chloroethyl)ether	93	3.496	3.496	0.000	91	16777	0.2500	0.1606	
* 4 1,4-Dichlorobenzene-d4	152	3.746	3.745	0.001	100	19085	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.296	4.296	0.000	91	73316	1.00	0.7675	
* 7 Naphthalene-d8	136	4.987	4.987	0.000	100	60263	0.2000	0.2000	
8 Naphthalene	128	5.002	5.007	-0.005	100	45891	0.2500	0.1406	
$ 9 2-Fluorobiphenyl	172	6.029	6.038	-0.009	100	177788	1.00	0.7262	
10 Acenaphthylene	152	6.517	6.517	0.000	100	48496	0.2500	0.1627	
* 11 Acenaphthene-d10	164	6.652	6.652	0.000	98	30104	0.2000	0.2000	
12 Acenaphthene	154	6.679	6.679	0.000	79	28746	0.2500	0.1597	
13 Fluorene	166	7.167	7.167	0.000	94	38035	0.2500	0.1832	
14 4,6-Dinitro-2-methylphenol	198	7.239	7.239	0.000	97	8912	0.5000	0.4761	
$ 23 2,4,6-Tribromophenol	330	7.401	7.401	0.000	99	40087	1.00	1.09	
15 Hexachlorobenzene	284	7.690	7.690	0.000	88	16605	0.2500	0.1929	
16 Pentachlorophenol	266	7.880	7.880	0.000	99	13038	0.5000	0.3380	
* 17 Phenanthrene-d10	188	8.043	8.042	0.000	100	55894	0.2000	0.2000	
18 Phenanthrene	178	8.070	8.070	0.001	37	63389	0.2500	0.1908	
19 Anthracene	178	8.115	8.115	0.000	100	47817	0.2500	0.1725	
20 Fluoranthene	202	9.185	9.185	0.000	100	56222	0.2500	0.1811	
21 Pyrene	202	9.390	9.390	0.001	100	54149	0.2500	0.1868	
$ 22 Terphenyl-d14	244	9.574	9.574	0.000	99	90224	1.00	0.6060	
24 Benzo[a]anthracene	228	10.550	10.550	0.000	41	38787	0.2500	0.1863	
* 25 Chrysene-d12	240	10.556	10.556	0.000	88	30718	0.2000	0.2000	
26 Chrysene	228	10.583	10.583	0.000	100	39516	0.2500	0.1670	
27 Benzo[b]fluoranthene	252	11.736	11.729	0.007	100	34210	0.2500	0.1449	
28 Benzo[k]fluoranthene	252	11.769	11.762	0.007	97	37519	0.2500	0.1505	
29 Benzo[a]pyrene	252	12.118	12.118	0.000	99	26210	0.2500	0.1624	
* 30 Perylene-d12	264	12.191	12.191	0.000	100	29421	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.555	13.555	0.000	99	42294	0.2500	0.1881	
32 Dibenz(a,h)anthracene	278	13.601	13.601	0.000	46	39257	0.2500	0.1721	
33 Benzo[g,h,i]perylene	276	13.885	13.885	0.000	98	43733	0.2500	0.1788	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00035 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 24-Jun-2024 13:26:25 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304335.D

Injection Date: 24-Jun-2024 13:05:30 Instrument ID: CBNAMS13 Operator ID:

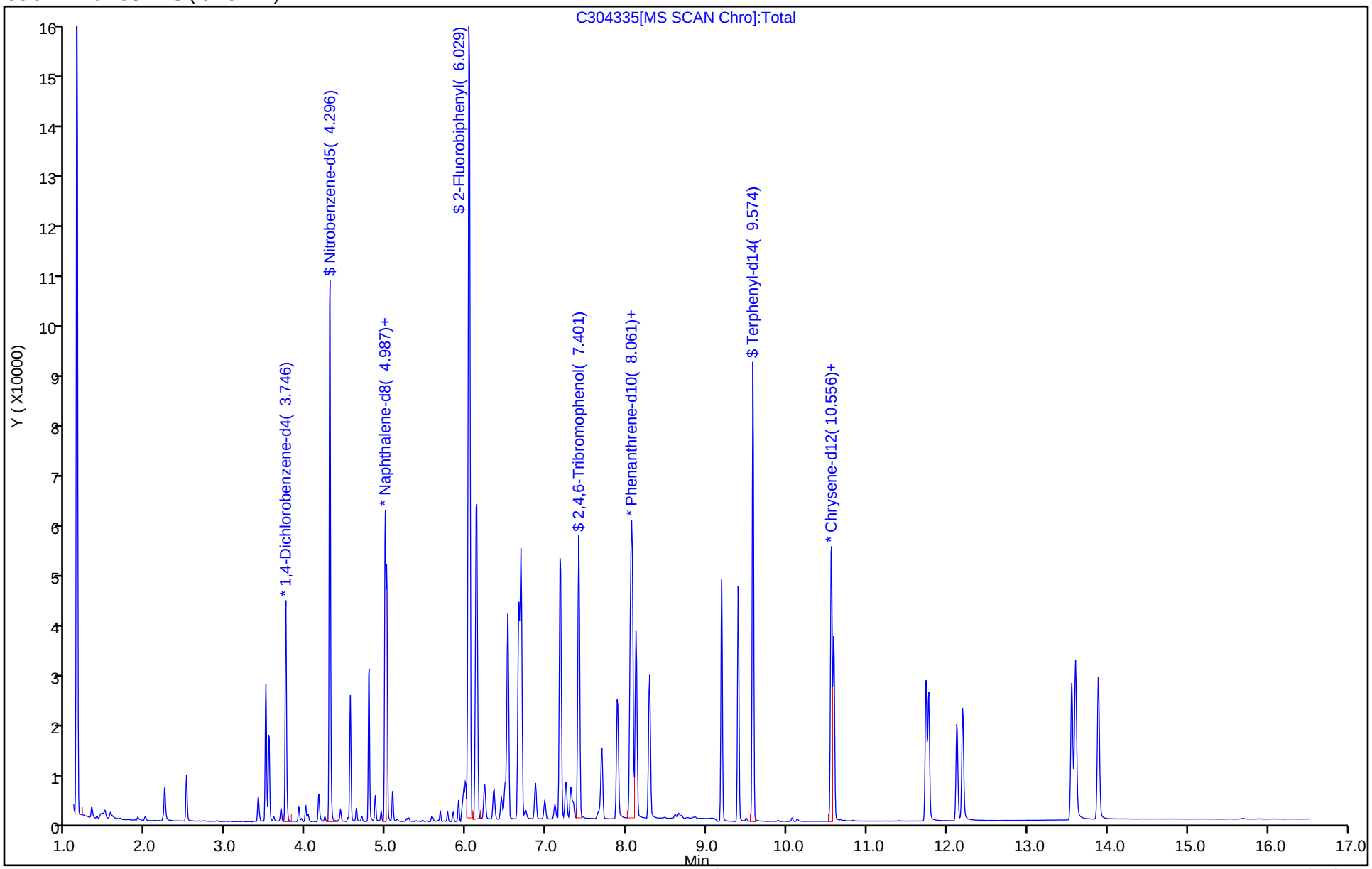
Lims ID: LCSD 460-981856/3-A Worklist Smp#: 13

Client ID:

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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\C304335.D				
Lims ID:	LCSD 460-981856/3-A				
Client ID:					
Sample Type:	LCSD				
Inject. Date:	24-Jun-2024 13:05:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177551-013				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20240624-177551.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 13:26:24	Calib Date:	22-May-2024 11:06:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20240522-176230.b\C303684.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1642				

First Level Reviewer: G4KC Date: 24-Jun-2024 13:26:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 5 Nitrobenzene-d5	1.00	0.7675	76.75
$ 9 2-Fluorobiphenyl	1.00	0.7262	72.62
$ 23 2,4,6-Tribromophenol	1.00	1.09	109.01
$ 22 Terphenyl-d14	1.00	0.6060	60.60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617 MS MS
Lab Sample ID: 480-220956-2 MS
Matrix: Water
Lab File ID: U27038.D
Analysis Method: 8270E SIM
Date Collected: 06/17/2024 13:10
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 18:15
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.: 981572
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	44.8		0.050	0.016
50-32-8	Benzo[a]pyrene	50.0		0.050	0.022
205-99-2	Benzo[b]fluoranthene	37.3		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	42.6		0.050	0.035
207-08-9	Benzo[k]fluoranthene	39.5		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	28.6		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	51.3		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27038.D
Lims ID: 480-220956-A-2-B MS
Client ID: MW-C12_20240617 MS
Sample Type: MS
Inject. Date: 22-Jun-2024 18:15:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177463-030
Operator ID: Instrument ID: CBNAMS4

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:27:44 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: V5XH Date: 24-Jun-2024 12:19:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.711	1.720	0.007	96	37954	5.00	2.23	
2 N-Nitrosodimethylamine	74	1.904	1.905	-0.001	98	59842	5.00	2.72	
3 Bis(2-chloroethyl)ether	93	3.933	3.934	-0.001	100	178497	5.00	4.55	
* 4 1,4-Dichlorobenzene-d4	152	4.191	4.191	-0.001	96	7472	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.714	4.715	-0.001	95	402727	10.0	10.5	
* 7 Naphthalene-d8	136	5.406	5.407	-0.001	100	23228	0.2000	0.2000	
8 Naphthalene	128	5.422	5.423	-0.001	100	381155	5.00	3.13	
$ 9 2-Fluorobiphenyl	172	6.447	6.447	0.000	99	723283	10.0	7.66	
10 Acenaphthylene	152	6.947	6.949	-0.001	99	420305	5.00	5.18	
* 11 Acenaphthene-d10	164	7.076	7.076	0.000	94	11101	0.2000	0.2000	
12 Acenaphthene	154	7.105	7.105	0.000	94	552087	5.00	9.35	
13 Fluorene	166	7.605	7.606	-0.001	93	404119	5.00	6.98	
14 4,6-Dinitro-2-methylphenol	198	7.662	7.648	0.014	97	138565	10.0	6.05	E
$ 15 2,4,6-Tribromophenol	330	7.834	7.834	0.000	95	199189	10.0	14.5	
16 Hexachlorobenzene	284	8.120	8.108	0.000	79	113155	5.00	4.29	
17 Pentachlorophenol	266	8.306	8.306	0.000	95	136227	10.0	5.11	E
* 18 Phenanthrene-d10	188	8.492	8.492	0.000	98	15147	0.2000	0.2000	
19 Phenanthrene	178	8.506	8.506	0.000	99	509845	5.00	3.36	E
20 Anthracene	178	8.563	8.549	0.014	93	378588	5.00	5.60	
21 Fluoranthene	202	9.620	9.618	0.002	100	458809	5.00	5.63	
22 Pyrene	202	9.827	9.825	0.002	98	449448	5.00	4.87	
$ 23 Terphenyl-d14	244	10.002	10.000	0.002	98	349144	10.0	7.53	
24 Benzo[a]anthracene	228	11.056	11.054	0.002	97	369117	5.00	5.60	
* 25 Chrysene-d12	240	11.066	11.064	0.002	15	9982	0.2000	0.2000	
26 Chrysene	228	11.097	11.096	0.002	100	351974	5.00	4.80	
27 Benzo[b]fluoranthene	252	12.377	12.365	0.012	98	363788	5.00	4.66	
28 Benzo[k]fluoranthene	252	12.408	12.406	0.002	97	421201	5.00	4.94	
29 Benzo[a]pyrene	252	12.801	12.799	0.002	100	354185	5.00	6.25	
* 30 Perylene-d12	264	12.883	12.881	0.002	100	10453	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.370	14.368	0.002	99	419654	5.00	6.42	M
32 Dibenz(a,h)anthracene	278	14.422	14.411	0.013	40	386134	5.00	3.58	E
33 Benzo[g,h,i]perylene	276	14.773	14.750	0.023	89	424787	5.00	5.32	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

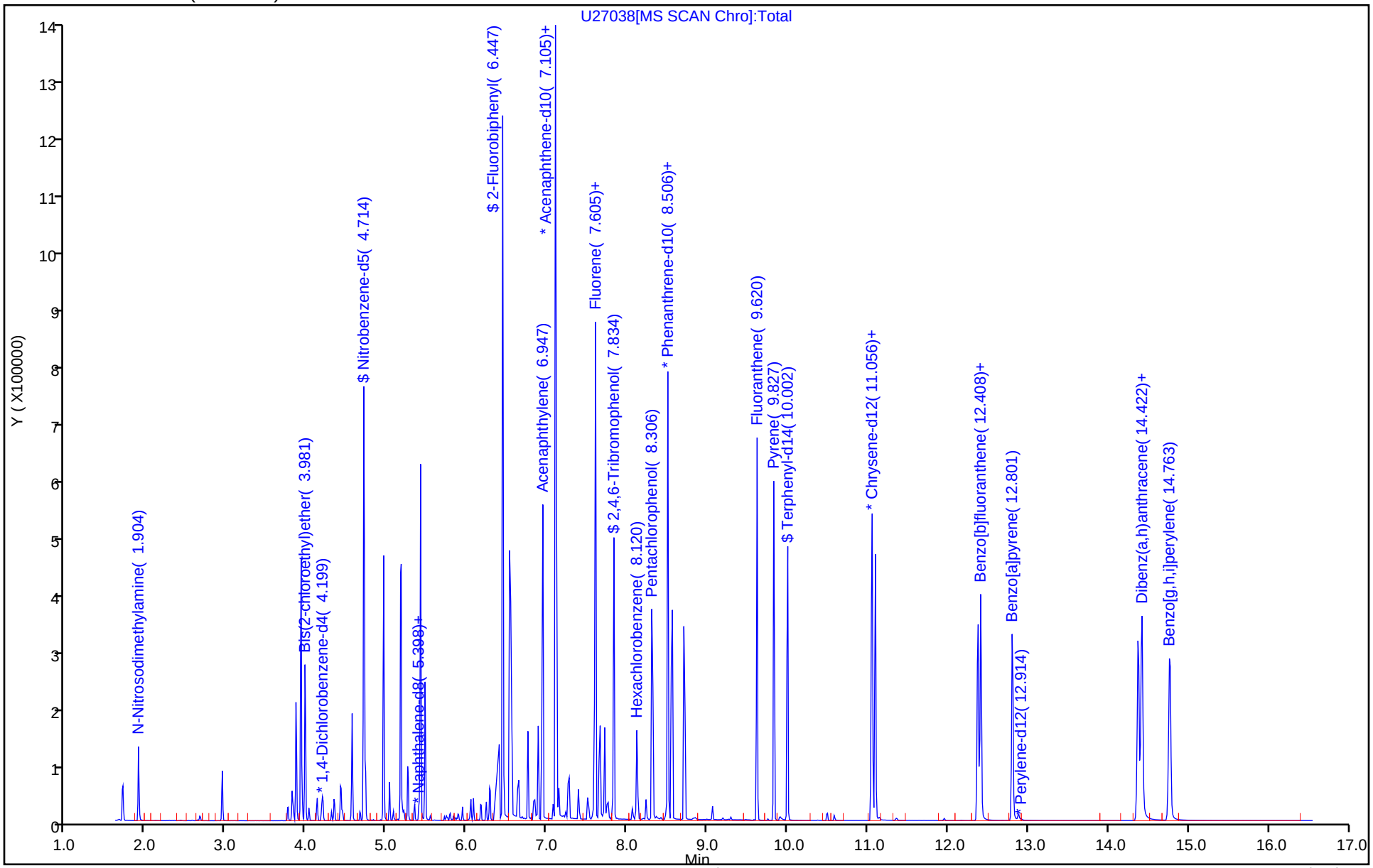
SM_SIMISTDLVI_00035	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 24-Jun-2024 12:19:37 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27038.D				
Injection Date:	22-Jun-2024 18:15:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	480-220956-A-2-B MS			Worklist Smp#:	30
Client ID:	MW-C12_20240617 MS				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27038.D				
Lims ID:	480-220956-A-2-B MS				
Client ID:	MW-C12_20240617 MS				
Sample Type:	MS				
Inject. Date:	22-Jun-2024 18:15:30	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177463-030				
Operator ID:		Instrument ID:	CBNAMS4		

Method:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\Surr SIM_LVI_4.m		
Limit Group:	SV 8270E SIM ICAL		
Last Update:	24-Jun-2024 08:27:44	Calib Date:	24-May-2024 09:46:30
Integrator:	RTE	ID Type:	RT Order ID
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D		

Column 1 :	Rtxi-5Sil MS (0.25 mm)	Det: MS SCAN
Process Host:	CTX1614	

First Level Reviewer: V5XH Date: 24-Jun-2024 12:19:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	10.5	105.29
$ 9 2-Fluorobiphenyl	10.0	7.66	76.59
$ 15 2,4,6-Tribromophenol	10.0	14.5	144.95
$ 23 Terphenyl-d14	10.0	7.53	75.29

Manual Integration/User Assign Peak Report

Eurofins Edison

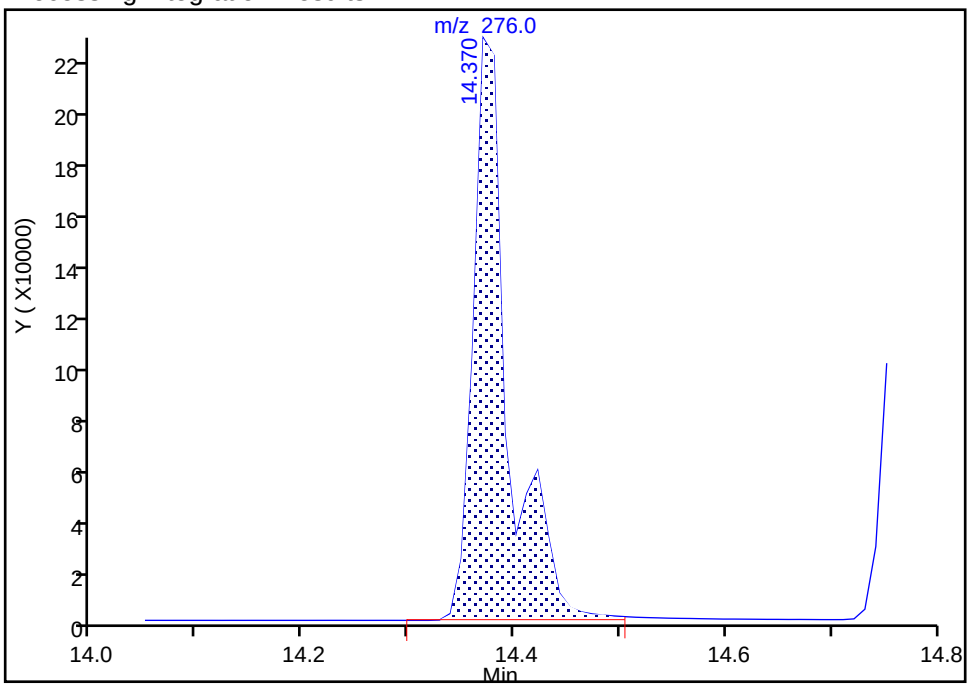
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27038.D				
Injection Date:	22-Jun-2024 18:15:30	Instrument ID:	CBNAMS4		
Lims ID:	480-220956-A-2-B MS				
Client ID:	MW-C12_20240617 MS				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	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

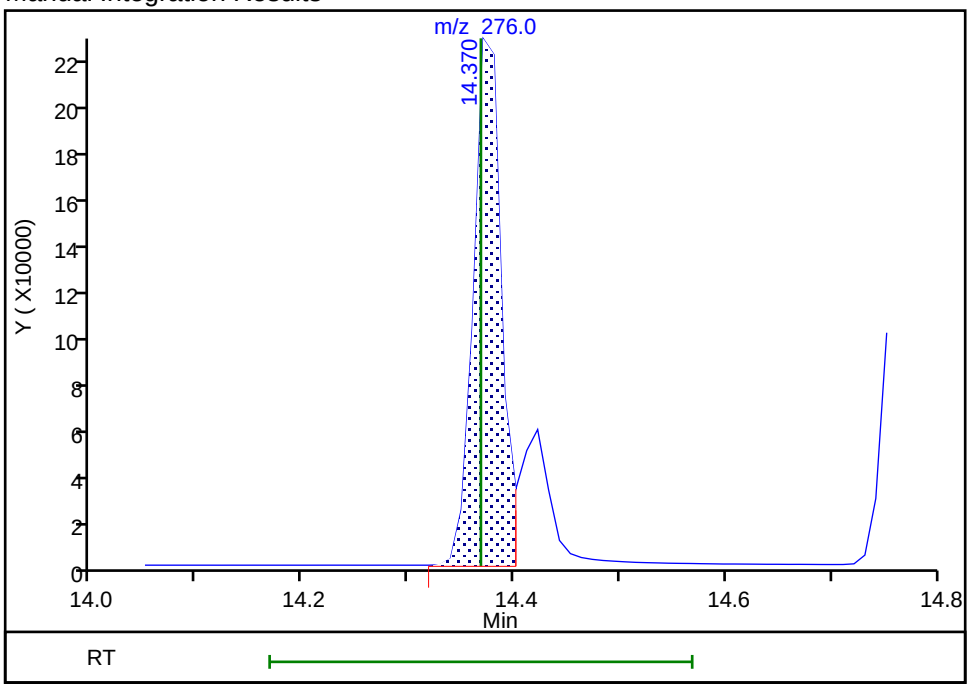
Processing Integration Results

RT: 14.37
Area: 522284
Amount: 7.988203
Amount Units: ug/ml



Manual Integration Results

RT: 14.37
Area: 419654
Amount: 6.418503
Amount Units: ug/ml



Reviewer: V5XH, 24-Jun-2024 08:26:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison
Job No.: 480-220956-1
SDG No.:
Client Sample ID: MW-C12_20240617 MSD MSD
Lab Sample ID: 480-220956-2 MSD
Matrix: Water
Lab File ID: U27039.D
Analysis Method: 8270E SIM
Date Collected: 06/17/2024 13:10
Extract. Method: 3510C
Date Extracted: 06/21/2024 09:01
Sample wt/vol: 250(mL)
Date Analyzed: 06/22/2024 18:36
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.: 981572
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	40.9		0.050	0.016
50-32-8	Benzo[a]pyrene	46.5		0.050	0.022
205-99-2	Benzo[b]fluoranthene	33.4		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	39.0		0.050	0.035
207-08-9	Benzo[k]fluoranthene	38.5		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	27.2		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	47.1		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27039.D
Lims ID: 480-220956-B-2-A MSD
Client ID: MW-C12_20240617 MSD
Sample Type: MSD
Inject. Date: 22-Jun-2024 18:36:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0177463-031
Operator ID: Instrument ID: CBNAMS4

Method: \\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\Surr SIM_LVI_4.m
Limit Group: SV 8270E SIM ICAL
Last Update: 24-Jun-2024 08:27:44 Calib Date: 24-May-2024 09:46:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1614

First Level Reviewer: U6BX Date: 23-Jun-2024 17:53:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.711	1.720	0.007	97	34175	5.00	2.20	
2 N-Nitrosodimethylamine	74	1.904	1.905	-0.001	97	54490	5.00	2.72	
3 Bis(2-chloroethyl)ether	93	3.933	3.934	-0.001	100	157446	5.00	4.41	
* 4 1,4-Dichlorobenzene-d4	152	4.191	4.191	0.000	96	6805	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.714	4.715	-0.001	96	356833	10.0	10.3	
* 7 Naphthalene-d8	136	5.407	5.407	0.000	100	21082	0.2000	0.2000	
8 Naphthalene	128	5.423	5.423	0.000	100	368176	5.00	3.34	
$ 9 2-Fluorobiphenyl	172	6.447	6.447	0.000	99	702427	10.0	7.64	
10 Acenaphthylene	152	6.948	6.949	0.000	98	353531	5.00	4.47	
* 11 Acenaphthene-d10	164	7.076	7.076	0.000	94	10813	0.2000	0.2000	
12 Acenaphthene	154	7.105	7.105	0.000	96	513110	5.00	8.92	
13 Fluorene	166	7.605	7.606	-0.001	93	312131	5.00	5.53	
14 4,6-Dinitro-2-methylphenol	198	7.663	7.648	0.015	94	103554	10.0	5.60	E
$ 15 2,4,6-Tribromophenol	330	7.834	7.834	0.000	97	173921	10.0	13.0	
16 Hexachlorobenzene	284	8.120	8.108	0.000	77	105289	5.00	4.75	
17 Pentachlorophenol	266	8.306	8.306	0.000	98	113075	10.0	5.00	E
* 18 Phenanthrene-d10	188	8.492	8.492	0.000	98	13002	0.2000	0.2000	
19 Phenanthrene	178	8.506	8.506	0.000	99	430732	5.00	3.33	E
20 Anthracene	178	8.564	8.549	0.015	93	308605	5.00	5.32	
21 Fluoranthene	202	9.618	9.618	0.000	100	390317	5.00	5.58	
22 Pyrene	202	9.835	9.825	0.010	100	387534	5.00	4.56	
$ 23 Terphenyl-d14	244	10.001	10.000	0.001	99	429823	10.0	10.1	
24 Benzo[a]anthracene	228	11.054	11.054	0.000	97	310020	5.00	5.11	
* 25 Chrysene-d12	240	11.064	11.064	0.000	11	9184	0.2000	0.2000	
26 Chrysene	228	11.095	11.096	0.000	100	304125	5.00	4.50	
27 Benzo[b]fluoranthene	252	12.375	12.365	0.010	100	306182	5.00	4.18	
28 Benzo[k]fluoranthene	252	12.406	12.406	0.000	1	384993	5.00	4.82	
29 Benzo[a]pyrene	252	12.799	12.799	0.000	100	308485	5.00	5.81	
* 30 Perylene-d12	264	12.881	12.881	0.000	98	9802	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.368	14.368	0.000	99	361118	5.00	5.89	M
32 Dibenz(a,h)anthracene	278	14.420	14.411	0.011	40	335657	5.00	3.40	E
33 Benzo[g,h,i]perylene	276	14.761	14.750	0.011	95	364562	5.00	4.87	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

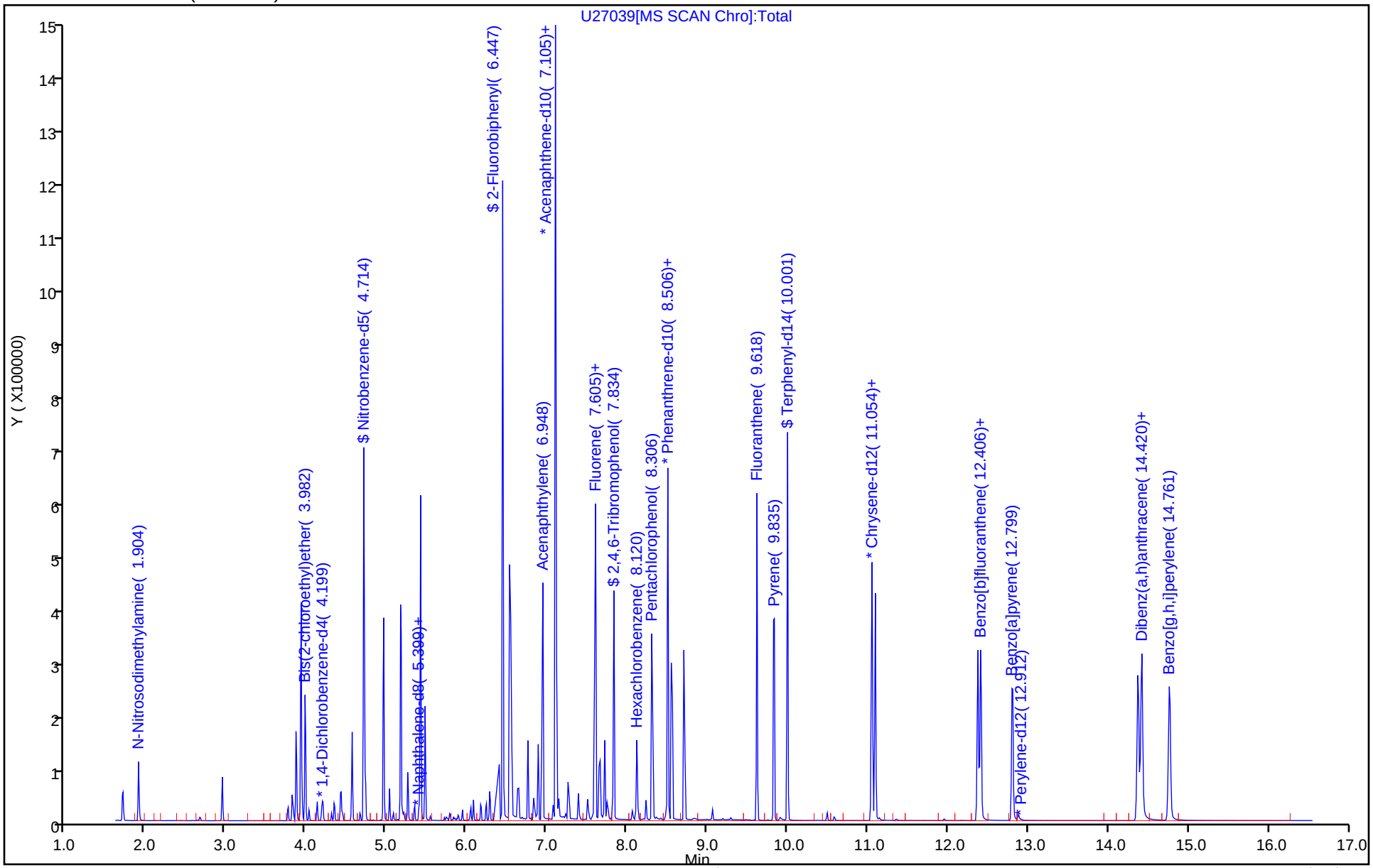
SM_SIMISTDLVI_00035	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 24-Jun-2024 12:19:46 Chrom Revision: 2.3 23-Jun-2024 11:08:02

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27039.D				
Injection Date:	22-Jun-2024 18:36:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	480-220956-B-2-A MSD			Worklist Smp#:	31
Client ID:	MW-C12_20240617 MSD				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	Surr SIM_LVI_4	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27039.D				
Lims ID:	480-220956-B-2-A MSD				
Client ID:	MW-C12_20240617 MSD				
Sample Type:	MSD				
Inject. Date:	22-Jun-2024 18:36:30	ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0177463-031				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\Surr SIM_LVI_4.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	24-Jun-2024 08:27:44	Calib Date:	24-May-2024 09:46:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS4\20240524-176334.b\U26758.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1614				

First Level Reviewer: U6BX Date: 23-Jun-2024 17:53:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	10.3	102.78
$ 9 2-Fluorobiphenyl	10.0	7.64	76.36
$ 15 2,4,6-Tribromophenol	10.0	13.0	129.95
$ 23 Terphenyl-d14	10.0	10.1	100.74

Manual Integration/User Assign Peak Report

Eurofins Edison

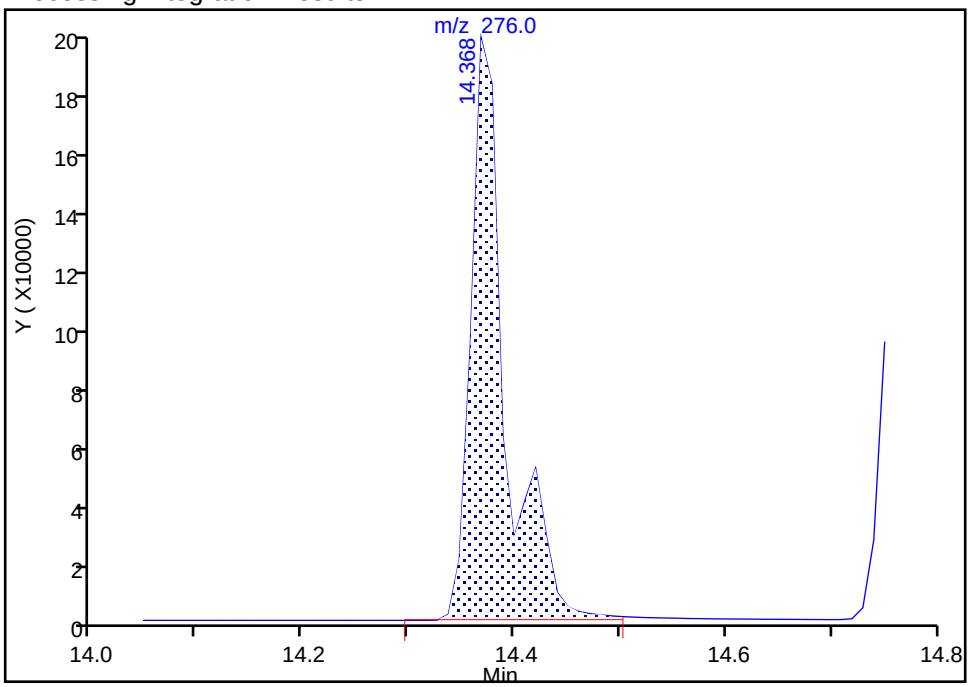
Data File:	\\chromfs\Edison\ChromData\CBNAMS4\20240621-177463.b\U27039.D				
Injection Date:	22-Jun-2024 18:36:30	Instrument ID:	CBNAMS4		
Lims ID:	480-220956-B-2-A MSD				
Client ID:	MW-C12_20240617 MSD				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	Surr SIM_LVI_4	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

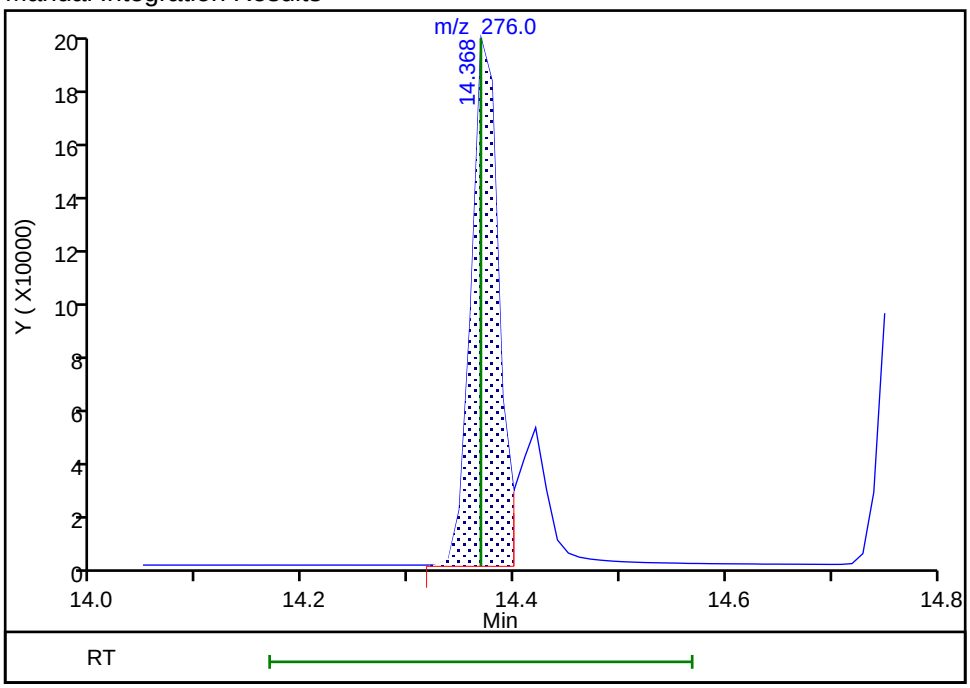
Processing Integration Results

RT: 14.37
Area: 449588
Amount: 7.333028
Amount Units: ug/ml



Manual Integration Results

RT: 14.37
Area: 361118
Amount: 5.890034
Amount Units: ug/ml



Reviewer: V5XH, 24-Jun-2024 08:26:35 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/22/2024 08:01

Analysis Batch Number: 976201 End Date: 05/22/2024 11:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-976201/1		05/22/2024 08:01	1	C303675.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-976201/2		05/22/2024 08:13	1	C303676.D	Rtxi-5Sil MS 0.25(mm)
STD8 460-976201/3 IC		05/22/2024 08:40	1	C303677.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-976201/5 IC		05/22/2024 09:22	1	C303679.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-976201/6 IC		05/22/2024 09:42	1	C303680.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-976201/7 IC		05/22/2024 10:04	1	C303681.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-976201/8 IC		05/22/2024 10:24	1	C303682.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-976201/9 IC		05/22/2024 10:45	1	C303683.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-976201/10 IC		05/22/2024 11:06	1	C303684.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-976201/12		05/22/2024 11:27	1	C303685.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 06/24/2024 09:14

Analysis Batch Number: 981870 End Date: 06/24/2024 20:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-981870/2		06/24/2024 09:14	1	C304324.D	Rtxi-5Sil MS 0.25(mm)
480-220956-1	MW-C11_20240617	06/24/2024 10:38	1	C304328.D	Rtxi-5Sil MS 0.25(mm)
480-220956-5	MW-22S_20240618	06/24/2024 10:59	1	C304329.D	Rtxi-5Sil MS 0.25(mm)
MB 460-981856/1-A		06/24/2024 12:02	1	C304332.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-981856/2-A		06/24/2024 12:44	1	C304334.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-981856/3-A		06/24/2024 13:05	1	C304335.D	Rtxi-5Sil MS 0.25(mm)
480-220956-6	MW-23S_20240618	06/24/2024 13:26	1	C304336.D	Rtxi-5Sil MS 0.25(mm)
480-220956-8	MW-48S_20240618	06/24/2024 14:08	1	C304338.D	Rtxi-5Sil MS 0.25(mm)
480-220956-9	DUP-1_202406	06/24/2024 14:29	1	C304339.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2024 18:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2024 18:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2024 19:11	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2024 19:32	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/24/2024 19:53	10		Rtxi-5Sil MS 0.25(mm)
480-220956-7	MW-46S_20240618	06/24/2024 20:36	1	C304346.D	Rtxi-5Sil MS 0.25(mm)

8270E SIM

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 05/24/2024 06:16

Analysis Batch Number: 976650 End Date: 05/24/2024 10:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-976650/1		05/24/2024 06:16	1	U26748.D	Rtxi-5Sil MS 0.25(mm)
STD8 460-976650/3 IC		05/24/2024 06:48	1	U26750.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-976650/4 IC		05/24/2024 07:09	1	U26751.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-976650/5 IC		05/24/2024 07:30	1	U26752.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-976650/6 IC		05/24/2024 07:51	1	U26753.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-976650/7 IC		05/24/2024 08:11	1	U26754.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-976650/8 IC		05/24/2024 08:32	1	U26755.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-976650/9 IC		05/24/2024 08:53	1	U26756.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-976650/10		05/24/2024 09:46	1	U26758.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-976650/11		05/24/2024 10:07	1	U26759.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 06/22/2024 07:09

Analysis Batch Number: 981572 End Date: 06/22/2024 18:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-981572/2		06/22/2024 07:09	1	U27010.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 07:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 08:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 08:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 08:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 11:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 11:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 11:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 12:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 12:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 12:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 13:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 13:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 13:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 14:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 14:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 16:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 16:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 17:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 17:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 17:54	1		Rtxi-5Sil MS 0.25(mm)
480-220956-2 MS	MW-C12_20240617 MS MS	06/22/2024 18:15	1	U27038.D	Rtxi-5Sil MS 0.25(mm)
480-220956-2 MSD	MW-C12_20240617 MSD MSD	06/22/2024 18:36	1	U27039.D	Rtxi-5Sil MS 0.25(mm)

8270E SIM

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 05/22/2024 11:48

Analysis Batch Number: 976250 End Date: 05/22/2024 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-976250/1		05/22/2024 11:48	1	286693.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-976250/4 IC		05/22/2024 12:42	1	286696.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-976250/5 IC		05/22/2024 13:03	1	286697.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-976250/6 IC		05/22/2024 13:24	1	286698.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-976250/7 IC		05/22/2024 13:45	1	286699.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-976250/8 IC		05/22/2024 14:06	1	286700.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-976250/9 IC		05/22/2024 14:27	1	286701.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-976250/10		05/22/2024 14:48	1	286702.D	Rtxi-5Sil MS 0.25(mm)
STD8 460-976250/12 IC		05/22/2024 17:01	1	286707.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-976250/13		05/22/2024 17:30	1	286708.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 06/22/2024 07:02

Analysis Batch Number: 981569 End Date: 06/22/2024 18:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-981569/2		06/22/2024 07:02	1	287340.D	Rtxi-5Sil MS 0.25(mm)
MB 460-981480/1-A		06/22/2024 07:48	1	287342.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-981480/4-A		06/22/2024 08:09	1	287343.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-981480/5-A		06/22/2024 08:30	1	287344.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 08:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 09:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 10:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		06/22/2024 16:14	1		Rtxi-5Sil MS 0.25(mm)
480-220956-2	MW-C12_20240617	06/22/2024 18:00	1	287354.D	Rtxi-5Sil MS 0.25(mm)
480-220956-3	MW-C16_20240617	06/22/2024 18:21	1	287355.D	Rtxi-5Sil MS 0.25(mm)
480-220956-4	MW-13S_20240617	06/22/2024 18:42	1	287356.D	Rtxi-5Sil MS 0.25(mm)

8270E SIM

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 976201 Batch Start Date: 05/22/24 08:01 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SM_SIMICV_LVI 00037	SM_simSlviL1 00019	SM_simSlviL2 00019	SM_simSlviL3 00022	SM_simSlviL4 00018
DFTPP 460-976201/1		8270E SIM			1 mL					
ICIS 460-976201/2		8270E SIM			1 mL					
STD8 460-976201/3 IC		8270E SIM			1 mL					
STD7 460-976201/5 IC		8270E SIM			1 mL					
STD6 460-976201/6 IC		8270E SIM			1 mL					
STD4 460-976201/7 IC		8270E SIM			1 mL					1 mL
STD3 460-976201/8 IC		8270E SIM			1 mL				1 mL	
STD2 460-976201/9 IC		8270E SIM			1 mL			1 mL		
STD1 460-976201/10 IC		8270E SIM			1 mL		1 mL			
ICV 460-976201/12		8270E SIM			1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
DFTPP 460-976201/1		8270E SIM							1 mL	
ICIS 460-976201/2		8270E SIM			1 mL					
STD8 460-976201/3 IC		8270E SIM						1 mL		
STD7 460-976201/5 IC		8270E SIM					1 mL			
STD6 460-976201/6 IC		8270E SIM				1 mL				
STD4 460-976201/7 IC		8270E SIM								
STD3 460-976201/8 IC		8270E SIM								
STD2 460-976201/9 IC		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.: 480-220956-1

SDG No.:

Batch Number: 976201 Batch Start Date: 05/22/24 08:01 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
STD1 460-976201/10 IC		8270E SIM								
ICV 460-976201/12		8270E SIM								

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.: 480-220956-1

SDG No.:

Batch Number: 976250 Batch Start Date: 05/22/24 11:48 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SM_SIMICV_LVI 00037	SM_simSlviL1 00019	SM_simSlviL2 00019	SM_simSlviL3 00022	SM_simSlviL4 00018
DFTPP 460-976250/1		8270E SIM			1 mL					
STD7 460-976250/4 IC		8270E SIM			1 mL					
STD6 460-976250/5 IC		8270E SIM			1 mL					
STD4 460-976250/6 IC		8270E SIM			1 mL					1 mL
STD3 460-976250/7 IC		8270E SIM			1 mL				1 mL	
STD2 460-976250/8 IC		8270E SIM			1 mL			1 mL		
STD1 460-976250/9 IC		8270E SIM			1 mL		1 mL			
ICIS 460-976250/10		8270E SIM			1 mL					
STD8 460-976250/12 IC		8270E SIM			1 mL					
ICV 460-976250/13		8270E SIM			1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
DFTPP 460-976250/1		8270E SIM							1 mL	
STD7 460-976250/4 IC		8270E SIM					1 mL			
STD6 460-976250/5 IC		8270E SIM				1 mL				
STD4 460-976250/6 IC		8270E SIM								
STD3 460-976250/7 IC		8270E SIM								
STD2 460-976250/8 IC		8270E SIM								
STD1 460-976250/9 IC		8270E SIM								
ICIS 460-976250/10		8270E SIM			1 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.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 976250 Batch Start Date: 05/22/24 11:48 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
STD8 460-976250/12 IC		8270E SIM						1 mL		
ICV 460-976250/13		8270E SIM								

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.: 480-220956-1

SDG No.:

Batch Number: 976650 Batch Start Date: 05/24/24 06:16 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SM_SIMICV_LVI 00037	SM_simSlviL1 00019	SM_simSlviL2 00019	SM_simSlviL3 00022	SM_simSlviL4 00018
DFTPP 460-976650/1		8270E SIM			1 mL					
STD8 460-976650/3 IC		8270E SIM			1 mL					
STD7 460-976650/4 IC		8270E SIM			1 mL					
STD6 460-976650/5 IC		8270E SIM			1 mL					
STD4 460-976650/6 IC		8270E SIM			1 mL					1 mL
STD3 460-976650/7 IC		8270E SIM			1 mL				1 mL	
STD2 460-976650/8 IC		8270E SIM			1 mL			1 mL		
STD1 460-976650/9 IC		8270E SIM			1 mL		1 mL			
ICIS 460-976650/10		8270E SIM			1 mL					
ICV 460-976650/11		8270E SIM			1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
DFTPP 460-976650/1		8270E SIM							1 mL	
STD8 460-976650/3 IC		8270E SIM						1 mL		
STD7 460-976650/4 IC		8270E SIM					1 mL			
STD6 460-976650/5 IC		8270E SIM				1 mL				
STD4 460-976650/6 IC		8270E SIM								
STD3 460-976650/7 IC		8270E SIM								
STD2 460-976650/8 IC		8270E SIM								
STD1 460-976650/9 IC		8270E SIM								
ICIS 460-976650/10		8270E SIM			1 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.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 976650 Batch Start Date: 05/24/24 06:16 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SM_simSlviL8 00001	SMDFTP_CH 00036	
ICV 460-976650/11		8270E SIM								

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.: 480-220956-1

SDG No.:

Batch Number: 981480 Batch Start Date: 06/21/24 08:59 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00020
MB 460-981480/1		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-981480/4		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCSD 460-981480/5		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-1	MW-C11_20240617	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-2	MW-C12_20240617	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-2 MS	MW-C12_20240617 MS	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-B-2 MSD	MW-C12_20240617 MSD	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-220956-A-3	MW-C16_20240617	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-A-4	MW-13S_20240617	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-5	MW-22S_20240618	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SIM SP 00030	OP_BNA SPIK 00051	OP_BNASurroga 00029			
MB 460-981480/1		3510C, 8270E SIM					200 uL			
LCS 460-981480/4		3510C, 8270E SIM			50 uL		20 uL			
LCSD 460-981480/5		3510C, 8270E SIM			50 uL		20 uL			
480-220956-B-1	MW-C11_20240617	3510C, 8270E SIM	Water	T			200 uL			
480-220956-A-2	MW-C12_20240617	3510C, 8270E SIM	Water	T			200 uL			
480-220956-A-2 MS	MW-C12_20240617 MS	3510C, 8270E SIM	Water	T		100 uL	200 uL			
480-220956-B-2 MSD	MW-C12_20240617 MSD	3510C, 8270E SIM	Water	T		100 uL	200 uL			
480-220956-A-3	MW-C16_20240617	3510C, 8270E SIM	Water	T			200 uL			
480-220956-A-4	MW-13S_20240617	3510C, 8270E SIM	Water	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.: 480-220956-1

SDG No.:

Batch Number: 981480 Batch Start Date: 06/21/24 08:59 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SIM SP 00030	OP_BNA SPIK 00051	OP_BNASurroga 00029			
480-220956-B-5	MW-22S_20240618	3510C, 8270E SIM	Water	T			200 uL			

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	10BDH5021
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	AB
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	231050
Base Used to Adjust pH ID	23D0456203
Prep Solvent ID	Dichloromethane: 2562011
Na2SO4 ID	461008
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21116173
Batch Comment	BNA Water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 981856 Batch Start Date: 06/24/24 07:55 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SIM SP 00030
MB 460-981856/1		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-981856/2		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
LCSD 460-981856/3		3510C, 8270E SIM			250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
480-220956-B-6	MW-23S_20240618	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-7	MW-46S_20240618	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-8	MW-48S_20240618	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
480-220956-B-9	DUP-1_202406	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNASurroga 00029					
MB 460-981856/1		3510C, 8270E SIM			20 uL					
LCS 460-981856/2		3510C, 8270E SIM			20 uL					
LCSD 460-981856/3		3510C, 8270E SIM			20 uL					
480-220956-B-6	MW-23S_20240618	3510C, 8270E SIM	Water	T	20 uL					
480-220956-B-7	MW-46S_20240618	3510C, 8270E SIM	Water	T	20 uL					
480-220956-B-8	MW-48S_20240618	3510C, 8270E SIM	Water	T	20 uL					
480-220956-B-9	DUP-1_202406	3510C, 8270E SIM	Water	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-220956-1

SDG No.:

Batch Number: 981856 Batch Start Date: 06/24/24 07:55 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI-SIM
pH Indicator ID	10BDH5021
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	OS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	231050
Base Used to Adjust pH ID	23D0456203
Prep Solvent ID	Dichloromethane: 2562011
Na2SO4 ID	461008
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21116173
Batch Comment	BNA (SIM)

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: 480-220956-1

SDG No.:

Project: NYSEG - Court Street OMM

Client Sample ID	Lab Sample ID
MW-C11_20240617	480-220956-1
MW-C12_20240617	480-220956-2
MW-C16_20240617	480-220956-3
MW-13S_20240617	480-220956-4
MW-22S_20240618	480-220956-5
MW-23S_20240618	480-220956-6
MW-46S_20240618	480-220956-7
MW-48S_20240618	480-220956-8
DUP-1_202406	480-220956-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C11_20240617
Lab Sample ID: 480-220956-1
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/17/2024 10:40
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.013	0.010	0.0041	mg/L			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C12_20240617
Lab Sample ID: 480-220956-2
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/17/2024 13:10
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.013	0.010	0.0041	mg/L			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C16_20240617
Lab Sample ID: 480-220956-3
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/17/2024 11:45
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-13S_20240617
Lab Sample ID: 480-220956-4
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/17/2024 15:05
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-22S_20240618
Lab Sample ID: 480-220956-5
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/18/2024 12:00
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.71	0.050	0.021	mg/L			5	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-23S_20240618
Lab Sample ID: 480-220956-6
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/18/2024 09:20
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-46S_20240618
Lab Sample ID: 480-220956-7
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/18/2024 13:20
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-48S_20240618
Lab Sample ID: 480-220956-8
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/18/2024 10:40
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-1_202406
Lab Sample ID: 480-220956-9
Lab Name: Eurofins Buffalo
Job No.: 480-220956-1
SDG ID.:
Matrix: Water
Date Sampled: 06/18/2024 00:00
Reporting Basis: WET
Date Received: 06/19/2024 10:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L	U		1	9012B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Analyst: GW Batch Start Date: 06/19/2024

Reporting Units: mg/L Analytical Batch No.: 716295

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	19:56	Cyanide, Total	0.251	0.250	100	90-110		WC_CN ICV_00233
16	ICB	20:00	Cyanide, Total	0.010				U	
19	CCV	20:10	Cyanide, Total	0.250	0.250	100	90-110		WC_CN CCV/LCS_00406
20	CCB	20:13	Cyanide, Total	0.010				U	
29	CCV	20:43	Cyanide, Total	0.250	0.250	100	90-110		WC_CN CCV/LCS_00406
30	CCB	20:46	Cyanide, Total	0.010				U	
43	CCV	21:30	Cyanide, Total	0.262	0.250	105	90-110		WC_CN CCV/LCS_00406
44	CCB	21:32	Cyanide, Total	0.00730				J	
57	CCV	22:16	Cyanide, Total	0.251	0.250	100	90-110		WC_CN CCV/LCS_00406
58	CCB	22:19	Cyanide, Total	0.010				U	
71	CCV	23:05	Cyanide, Total	0.252	0.250	101	90-110		WC_CN CCV/LCS_00406
72	CCB	23:09	Cyanide, Total	0.010				U	

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.: 480-220956-1

SDG No.:

Analyst: GW Batch Start Date: 06/26/2024

Reporting Units: mg/L Analytical Batch No.: 717034

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	19:55	Cyanide, Total	0.266	0.250	106	90-110		WC_CN ICV_00234
16	ICB	19:58	Cyanide, Total	0.010				U	
19	CCV	20:08	Cyanide, Total	0.254	0.250	102	90-110		WC_CN CCV/LCS_00409
20	CCB	20:11	Cyanide, Total	0.010				U	
29	CCV	20:41	Cyanide, Total	0.250	0.250	100	90-110		WC_CN CCV/LCS_00409
30	CCB	20:45	Cyanide, Total	0.010				U	
43	CCV	21:28	Cyanide, Total	0.252	0.250	101	90-110		WC_CN CCV/LCS_00409
44	CCB	21:31	Cyanide, Total	0.010				U	
57	CCV	22:15	Cyanide, Total	0.253	0.250	101	90-110		WC_CN CCV/LCS_00409
58	CCB	22:18	Cyanide, Total	0.010				U	
71	CCV	23:01	Cyanide, Total	0.243	0.250	97	90-110		WC_CN CCV/LCS_00409
72	CCB	23:05	Cyanide, Total	0.010				U	

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.: 480-220956-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 716295 Date: 06/19/2024 20:16							
9012B	MB 480-716295/21	Cyanide, Total	0.010	U	mg/L	0.010	1
Batch ID: 716295 Date: 06/19/2024 21:42							
9012B	MB 480-716295/47	Cyanide, Total	0.0128		mg/L	0.010	1
Batch ID: 717034 Date: 06/26/2024 20:15							
9012B	MB 480-717034/21	Cyanide, Total	0.010	U	mg/L	0.010	1
Batch ID: 717034 Date: 06/26/2024 21:41							
9012B	MB 480-717034/47	Cyanide, Total	0.010	U	mg/L	0.010	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 717034 Date: 06/26/2024 20:31											
9012B	480-220956-1	Cyanide, Total	0.013		mg/L						
9012B	480-220956-1 MS	Cyanide, Total	0.106		mg/L	0.100	94	90-110			
Batch ID: 717034 Date: 06/26/2024 20:58											
9012B	480-220956-2	Cyanide, Total	0.013		mg/L						
9012B	480-220956-2 MS	Cyanide, Total	0.108		mg/L	0.100	95	90-110			

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.: 480-220956-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 717034 Date: 06/26/2024 21:01											
9012B	480-220956-2 MSD	Cyanide, Total	0.110		mg/L	0.100	97	90-110	2	15	

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.: 480-220956-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 716295	Date: 06/19/2024 20:23										
						LCS Source: WC_CN CCV/LCS_00406					
9012B	LCS 480-716295/23	Cyanide, Total	0.255		mg/L	0.250	102	90-110			
Batch ID: 716295	Date: 06/19/2024 21:46										
						LCS Source: WC_CN CCV/LCS_00406					
9012B	LCS 480-716295/48	Cyanide, Total	0.248		mg/L	0.250	99	90-110			
Batch ID: 717034	Date: 06/26/2024 20:21										
						LCS Source: WC_CN CCV/LCS_00409					
9012B	LCS 480-717034/23	Cyanide, Total	0.252		mg/L	0.250	101	90-110			
Batch ID: 717034	Date: 06/26/2024 21:45										
						LCS Source: WC_CN CCV/LCS_00409					
9012B	LCS 480-717034/48	Cyanide, Total	0.253		mg/L	0.250	101	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.: 480-220956-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 716295	Date: 06/19/2024 20:20										
						LCS Source: WC_CN 0.400_00237					
9012B	HLCS 480-716295/22	Cyanide, Total	0.404		mg/L	0.400	101	90-110			
Batch ID: 717034	Date: 06/26/2024 20:18										
						LCS Source: WC_CN 0.400_00238					
9012B	HLCS 480-717034/22	Cyanide, Total	0.408		mg/L	0.400	102	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: 480-220956-1

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: 480-220956-1

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.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/19/2024 19:09 End Date: 06/20/2024 00:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			19:09																				
ZZZZZZ			19:13																				
ZZZZZZ			19:16																				
ZZZZZZ			19:21																				
IC 480-716295/5			19:23	X																			
IC 480-716295/6			19:26	X																			
IC 480-716295/7			19:30	X																			
IC 480-716295/8			19:33	X																			
IC 480-716295/9			19:36	X																			
IC 480-716295/10			19:40	X																			
IC 480-716295/11			19:43	X																			
IC 480-716295/12			19:46	X																			
ZZZZZZ			19:50																				
ZZZZZZ			19:54																				
ICV 480-716295/15	1		19:56	X																			
ICB 480-716295/16	1		20:00	X																			
ZZZZZZ			20:03																				
ZZZZZZ			20:08																				
CCV 480-716295/19	1		20:10	X																			
CCB 480-716295/20	1		20:13	X																			
MB 480-716295/21	1	T	20:16	X																			
HLCS 480-716295/22	1	T	20:20	X																			
LCS 480-716295/23	1	T	20:23	X																			
ZZZZZZ			20:26																				
ZZZZZZ			20:30																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
ZZZZZZ			20:40																				
CCV 480-716295/29	1		20:43	X																			
CCB 480-716295/30	1		20:46	X																			
ZZZZZZ			20:50																				
ZZZZZZ			20:54																				
ZZZZZZ			20:56																				
ZZZZZZ			20:59																				
ZZZZZZ			21:03																				
ZZZZZZ			21:06																				
ZZZZZZ			21:10																				
ZZZZZZ			21:13																				
ZZZZZZ			21:16																				
ZZZZZZ			21:20																				
ZZZZZZ			21:23																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/19/2024 19:09 End Date: 06/20/2024 00:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			21:26																				
CCV 480-716295/43	1		21:30	X																			
CCB 480-716295/44	1		21:32	X																			
ZZZZZZ			21:36																				
ZZZZZZ			21:41																				
MB 480-716295/47	1	T	21:42	X																			
LCS 480-716295/48	1	T	21:46	X																			
ZZZZZZ			21:49																				
ZZZZZZ			21:53																				
ZZZZZZ			21:56																				
480-220956-3	1	T	22:00	X																			
480-220956-4	1	T	22:03	X																			
ZZZZZZ			22:06																				
ZZZZZZ			22:09																				
480-220956-7	1	T	22:13	X																			
CCV 480-716295/57	1		22:16	X																			
CCB 480-716295/58	1		22:19	X																			
ZZZZZZ			22:25																				
ZZZZZZ			22:28																				
ZZZZZZ			22:30																				
ZZZZZZ			22:33																				
ZZZZZZ			22:39																				
480-220956-8	1	T	22:42	X																			
480-220956-9	1	T	22:45	X																			
ZZZZZZ			22:49																				
ZZZZZZ			22:52																				
ZZZZZZ			22:55																				
ZZZZZZ			22:59																				
ZZZZZZ			23:02																				
CCV 480-716295/71	1		23:05	X																			
CCB 480-716295/72	1		23:09	X																			
ZZZZZZ			23:12																				
ZZZZZZ			23:15																				
ZZZZZZ			23:20																				
ZZZZZZ			23:22																				
ZZZZZZ			23:25																				
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:35																				
ZZZZZZ			23:39																				
ZZZZZZ			23:42																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/19/2024 19:09 End Date: 06/20/2024 00:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			23:45																				
ZZZZZZ			23:49																				
CCV 480-716295/85			23:52																				
CCB 480-716295/86			23:55																				
ZZZZZZ			23:59																				
ZZZZZZ			00:02																				
ZZZZZZ			00:07																				
ZZZZZZ			00:09																				
ZZZZZZ			00:12																				
ZZZZZZ			00:16																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			19:07																				
ZZZZZZ			19:11																				
ZZZZZZ			19:15																				
ZZZZZZ			19:19																				
IC 480-717034/5			19:21	X																			
IC 480-717034/6			19:25	X																			
IC 480-717034/7			19:28	X																			
IC 480-717034/8			19:31	X																			
IC 480-717034/9			19:35	X																			
IC 480-717034/10			19:38	X																			
IC 480-717034/11			19:41	X																			
IC 480-717034/12			19:45	X																			
ZZZZZZ			19:48																				
ZZZZZZ			19:53																				
ICV 480-717034/15	1		19:55	X																			
ICB 480-717034/16	1		19:58	X																			
ZZZZZZ			20:01																				
ZZZZZZ			20:06																				
CCV 480-717034/19	1		20:08	X																			
CCB 480-717034/20	1		20:11	X																			
MB 480-717034/21	1	T	20:15	X																			
HLCS 480-717034/22	1	T	20:18	X																			
LCS 480-717034/23	1	T	20:21	X																			
ZZZZZZ			20:25																				
480-220956-1	1	T	20:28	X																			
480-220956-1 MS	1	T	20:31	X																			
480-220956-5	5	T	20:35	X																			
480-220956-6	1	T	20:38	X																			
CCV 480-717034/29	1		20:41	X																			
CCB 480-717034/30	1		20:45	X																			
ZZZZZZ			20:48																				
ZZZZZZ			20:53																				
480-220956-2	1	T	20:55	X																			
480-220956-2 MS	1	T	20:58	X																			
480-220956-2 MSD	1	T	21:01	X																			
ZZZZZZ			21:05																				
ZZZZZZ			21:08																				
ZZZZZZ			21:11																				
ZZZZZZ			21:15																				
ZZZZZZ			21:18																				
ZZZZZZ			21:21																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			21:25																				
CCV 480-717034/43	1		21:28	X																			
CCB 480-717034/44	1		21:31	X																			
ZZZZZZ			21:35																				
ZZZZZZ			21:39																				
MB 480-717034/47	1	T	21:41	X																			
LCS 480-717034/48	1	T	21:45	X																			
ZZZZZZ			21:48																				
ZZZZZZ			21:51																				
ZZZZZZ			21:55																				
ZZZZZZ			21:58																				
ZZZZZZ			22:01																				
ZZZZZZ			22:05																				
ZZZZZZ			22:08																				
ZZZZZZ			22:11																				
CCV 480-717034/57	1		22:15	X																			
CCB 480-717034/58	1		22:18	X																			
ZZZZZZ			22:21																				
ZZZZZZ			22:26																				
ZZZZZZ			22:28																				
ZZZZZZ			22:31																				
ZZZZZZ			22:35																				
ZZZZZZ			22:38																				
ZZZZZZ			22:41																				
ZZZZZZ			22:45																				
ZZZZZZ			22:48																				
ZZZZZZ			22:51																				
ZZZZZZ			22:55																				
ZZZZZZ			22:58																				
CCV 480-717034/71	1		23:01	X																			
CCB 480-717034/72	1		23:05	X																			
ZZZZZZ			23:08																				
ZZZZZZ			23:13																				
ZZZZZZ			23:14																				
ZZZZZZ			23:18																				
ZZZZZZ			23:21																				
ZZZZZZ			23:25																				
ZZZZZZ			23:28																				
ZZZZZZ			23:31																				
ZZZZZZ			23:35																				
ZZZZZZ			23:38																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			23:41																				
ZZZZZZ			23:45																				
CCV 480-717034/85			23:48																				
CCB 480-717034/86			23:51																				
ZZZZZZ			23:55																				
ZZZZZZ			23:59																				
ZZZZZZ			00:01																				
ZZZZZZ			00:04																				
ZZZZZZ			00:08																				
ZZZZZZ			00:11																				
ZZZZZZ			00:15																				
ZZZZZZ			00:18																				
ZZZZZZ			00:21																				
ZZZZZZ			00:27																				
ZZZZZZ			00:30																				
ZZZZZZ			00:34																				
CCV 480-717034/99			00:37																				
CCB 480-717034/100			00:40																				
ZZZZZZ			00:44																				
ZZZZZZ			00:47																				
ZZZZZZ			00:52																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
ZZZZZZ			01:03																				
ZZZZZZ			01:07																				
ZZZZZZ			01:11																				
ZZZZZZ			01:14																				
ZZZZZZ			01:17																				
ZZZZZZ			01:21																				
CCV 480-717034/113			01:24																				
CCB 480-717034/114			01:27																				
ZZZZZZ			01:31																				
ZZZZZZ			01:34																				
ZZZZZZ			01:38																				
ZZZZZZ			01:40																				
ZZZZZZ			01:44																				
ZZZZZZ			01:47																				
ZZZZZZ			01:51																				
ZZZZZZ			01:54																				
ZZZZZZ			01:57																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			02:01																				
ZZZZZZ			02:04																				
ZZZZZZ			02:07																				
CCV 480-717034/127			02:11																				
CCB 480-717034/128			02:14																				
ZZZZZZ			02:17																				
ZZZZZZ			02:21																				
ZZZZZZ			02:25																				
ZZZZZZ			02:27																				
ZZZZZZ			02:30																				
ZZZZZZ			02:34																				
ZZZZZZ			02:37																				
ZZZZZZ			02:41																				
ZZZZZZ			02:44																				
ZZZZZZ			02:47																				
ZZZZZZ			02:51																				
ZZZZZZ			02:54																				
CCV 480-717034/141			02:57																				
CCB 480-717034/142			03:01																				
ZZZZZZ			03:04																				
ZZZZZZ			03:07																				
ZZZZZZ			03:12																				
ZZZZZZ			03:13																				
ZZZZZZ			03:17																				
ZZZZZZ			03:20																				
ZZZZZZ			03:24																				
ZZZZZZ			03:27																				
ZZZZZZ			03:31																				
ZZZZZZ			03:34																				
ZZZZZZ			03:37																				
ZZZZZZ			03:41																				
CCV 480-717034/155			03:44																				
CCB 480-717034/156			03:47																				
ZZZZZZ			03:51																				
ZZZZZZ			03:54																				
ZZZZZZ			03:58																				
ZZZZZZ			04:00																				
ZZZZZZ			04:04																				
ZZZZZZ			04:07																				
ZZZZZZ			04:11																				
ZZZZZZ			04:14																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			04:17																				
ZZZZZZ			04:21																				
ZZZZZZ			04:24																				
ZZZZZZ			04:27																				
CCV 480-717034/169			04:31																				
CCB 480-717034/170			04:34																				
ZZZZZZ			04:37																				
ZZZZZZ			04:41																				
ZZZZZZ			04:45																				
ZZZZZZ			04:47																				
ZZZZZZ			04:51																				
ZZZZZZ			04:54																				
ZZZZZZ			04:57																				
ZZZZZZ			05:01																				
ZZZZZZ			05:04																				
ZZZZZZ			05:07																				
ZZZZZZ			05:11																				
ZZZZZZ			05:14																				
CCV 480-717034/183			05:17																				
CCB 480-717034/184			05:21																				
ZZZZZZ			05:24																				
ZZZZZZ			05:27																				
ZZZZZZ			05:32																				
ZZZZZZ			05:34																				
ZZZZZZ			05:37																				
ZZZZZZ			05:41																				
ZZZZZZ			05:44																				
ZZZZZZ			05:47																				
ZZZZZZ			05:51																				
ZZZZZZ			05:54																				
ZZZZZZ			05:57																				
ZZZZZZ			06:01																				
CCV 480-717034/197			06:04																				
CCB 480-717034/198			06:07																				
ZZZZZZ			06:11																				
ZZZZZZ			06:14																				
ZZZZZZ			06:19																				
ZZZZZZ			06:21																				
ZZZZZZ			06:24																				
ZZZZZZ			06:27																				
ZZZZZZ			06:31																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 06/26/2024 19:07 End Date: 06/27/2024 06:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				CN																			
CCV 480-717034/206			06:34																				
CCB 480-717034/207			06:37																				
ZZZZZZ			06:41																				
ZZZZZZ			06:44																				
ZZZZZZ			06:49																				

Prep Types
T = Total/NA

716295

CN Solutions-Skalar:

Distillation Reagent:	**7970484**	**Exp:**	**07/17/2024**
Diluent	**7972057**	**Exp:**	**07/18/2024**
Sodium Dihydrogen Phosphate Buffer	**7974209**	**Exp:**	**07/19/2024**
Pyridine Barbituric Acid –color reagent	**7974145**	**Exp:**	**07/19/2024**
Chloramine-T Solution	**7953831**	**Exp:**	**07/04/2024**
Sodium hydroxide solution	**7974114**	**Exp:**	**07/19/2024**
Digestion reagent	**7953826**	**Exp:**	**07/04/2024**
1M Sodium Hydroxide	**7969399**	**Exp:**	**07/14/2024**
50ppm INT STD	**7972061**	**Exp:**	**06/26/2024**
CN.25ppm CCV/LCS Std	**7975324**	**Exp:**	**06/20/2024**
50ppm INT 2nd source STD	**7972062**	**Exp:**	**06/26/2024**
0.400mg/L HLCS	**7975325**	**Exp:**	**06/20/2024**
0.100mg/L	**7975326**	**Exp:**	**06/20/2024**
0.01 mg/L CCVL	**7975342**	**Exp:**	**06/20/2024**
10ppm Complex-MS/MSD	**7972063**	**Exp:**	**06/26/2024**

LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

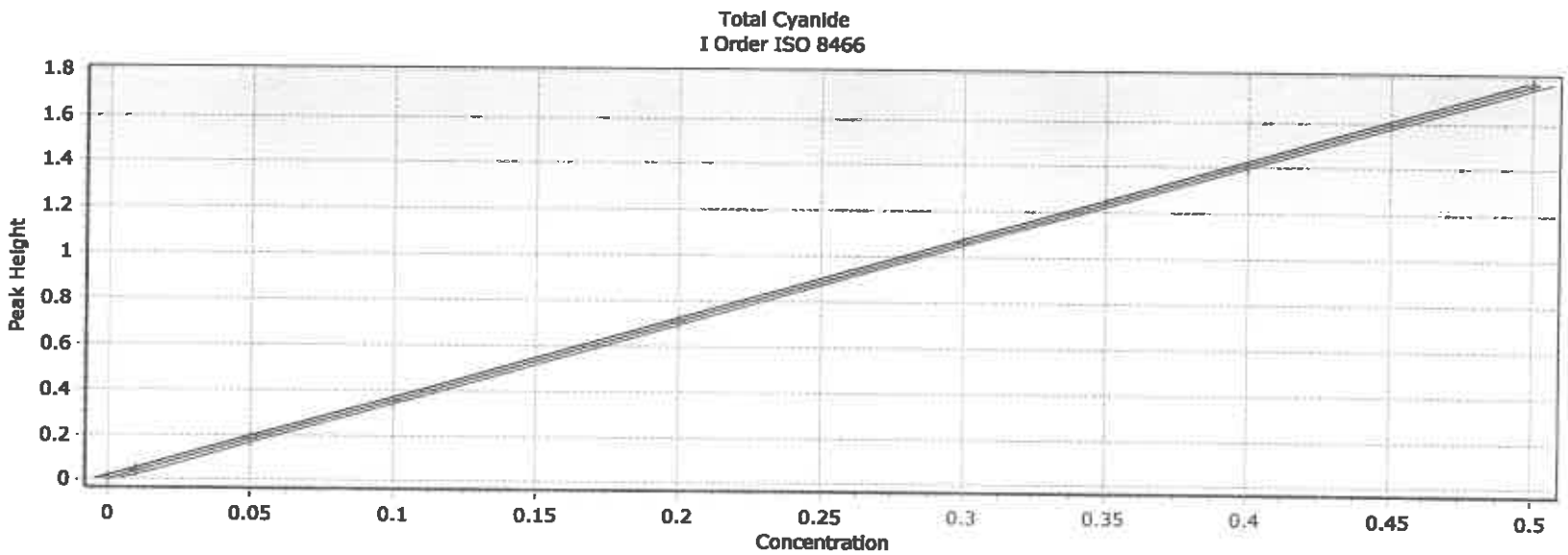
Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7972061
ICV (0.250 ppm): 7975343 Exp: 06/20/2024

Test for sulfide in samples (Lead Acetate) Manufacturer Date : 2/5/2024
Test for oxidizers in samples (Potassium Iodine) Lot number: 121916

716295

FlowAccessV3

Date:2024-06-20 14:39:20



a = 0.00476540159904 b = 3.52248987658595 RSD = 0.00564100250965

r = 0.99996902847676 R2 = 0.99993805791276

Run Name : TABUF20240619A0CN06192024, Run Db Ref : TABUF20240619A0

User Name : Administrator Operator Name : Administrator

716295

FlowAccessV3 Results Report

Run Name : TABUF20240619A0CN06192024A, Run Database Ref : TABUF20240619A0
DateTime :2024-06-19 18:56:08
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
1	IW	IW	InitialWash		1.0000	-0.0014	0.0000	2024-06-19 19:09:00	-0.0014
2	ST8	U	[illegible]		1.0000	0.5071	1.7816	[illegible]	0.5071
3	ST8	D	Diff		1.0000	0.5022	1.7736	2024-06-19 19:16:00	0.5022
4	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 19:21:00	-0.0014
5	ST1	S1	0		1.0000	-0.0004	0.0035	2024-06-19 19:23:00	-0.0004
6	ST2	S2	0.01		1.0000	0.0116	0.0455	2024-06-19 19:26:00	0.0116
7	ST3	S3	0.05		1.0000	0.0504	0.1822	2024-06-19 19:30:00	0.0504
8	ST4	S4	0.1		1.0000	0.0994	0.3549	2024-06-19 19:33:00	0.0994
9	ST5	S5	0.2		1.0000	0.1993	0.7068	2024-06-19 19:36:00	0.1993
10	ST6	S6	0.3		1.0000	0.2997	1.0604	2024-06-19 19:40:00	0.2997
11	ST7	S7	0.4		1.0000	0.3976	1.4053	2024-06-19 19:43:00	0.3976
12	ST8	S8	0.5		1.0000	0.5024	1.7746	2024-06-19 19:46:00	0.5024
13	ST8	D	Diff		1.0000	0.5027	1.7755	2024-06-19 19:50:00	0.5027
14	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 19:54:00	-0.0014
15	ST9	ICV	ICV		1.0000	0.2505	0.8873	2024-06-19 19:56:00	0.2505
16	ST1	ICB	ICB		1.0000	-0.0003	0.0038	2024-06-19 20:00:00	-0.0003
17	ST8	D	Diff		1.0000	0.4948	1.7476	2024-06-19 20:03:00	0.4948
18	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 20:08:00	-0.0014
19	ST10	CCV	CCV		1.0000	0.2502	0.8863	2024-06-19 20:10:00	0.2503
20	ST11	CCB	CCB		1.0000	-0.0007	0.0022	2024-06-19 20:13:00	-0.0007
21	ST11	B	MB		1.0000	-0.0010	0.0014	2024-06-19 20:16:00	-0.0010
22	ST7	LCS	HLCS		1.0000	0.4037	1.4267	2024-06-19 20:20:00	0.4037
23	ST10	LCS	LCS		1.0000	0.2547	0.9020	2024-06-19 20:23:00	0.2547
24	ST2	CCV	CCVL		1.0000	0.0121	0.0475	2024-06-19 20:26:00	0.0121
25	A1	U	480-220948-g-1		1.0000	-0.0016	-0.0007	2024-06-19 20:30:00	-0.0016
26	A2	U	MS 480-220948-g-1		1.0000	0.0950	0.3395	2024-06-19 20:33:00	0.0950
27	A3	U	480-220929-a-4	2mL→10mL	5.0000	2.0081	1.4195	2024-06-19 20:36:00	0.4016

DateTime :2024-06-20 14:36:09

FlowAccessV3 Results Report

Run Name : TABUF20240619A0CN06192024A, Run Database Ref : TABUF20240619A0
DateTime :2024-06-19 18:56:08
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
28	A4	U	480-220948-g-2		1.0000	0.0028	0.0145	2024-06-19 20:40:00	0.0028
29	ST10	CCV	CCV		1.0000	0.2502	0.8860	2024-06-19 20:43:00	0.2502
30	ST11	CCB	CCB		1.0000	0.0029	0.0150	2024-06-19 20:46:00	0.0029
31	ST12	D	DRIFT		1.0000	0.5010	1.7696	2024-06-19 20:50:00	0.5010
32	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 20:54:00	-0.0014
33	A5	U	480-220948-g-3		1.0000	0.0065	0.0278	2024-06-19 20:56:00	0.0065
34	A6	U	DU 480-220948-g-3		1.0000	0.0008	0.0076	2024-06-19 20:59:00	0.0008
35	A7	U	MS 480-220948-g-3		1.0000	0.0913	0.3265	2024-06-19 21:03:00	0.0913
36	A8	U	480-220948-g-4		1.0000	0.0055	0.0242	2024-06-19 21:06:00	0.0055
37	A9	U	480-220948-g-5		1.0000	0.0000	0.0049	2024-06-19 21:10:00	0.0000
38	A10	U	480-220948-g-6		1.0000	0.0013	0.0093	2024-06-19 21:13:00	0.0013
39	A11	U	480-220948-g-7		1.0000	0.0159	0.0606	2024-06-19 21:16:00	0.0159
40	A12	U	480-220948-g-8		1.0000	0.0020	0.0119	2024-06-19 21:20:00	0.0020
41	A13	U	480-220948-g-9		1.0000	0.0018	0.0110	2024-06-19 21:23:00	0.0018
42	A14	U	480-220952-j-1		1.0000	0.2390	0.8465	2024-06-19 21:26:00	0.2390
43	ST10	CCV	CCV		1.0000	0.2618	0.9269	2024-06-19 21:30:00	0.2618
44	ST11	CCB	CCB		1.0000	0.0073	0.0303	2024-06-19 21:32:00	0.0073
45	ST12	D	Drift		1.0000	0.5026	1.7752	2024-06-19 21:36:00	0.5026
46	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 21:41:00	-0.0014
47	ST11	B	MB		1.0000	0.0128	0.0500	2024-06-19 21:42:00	0.0128
48	ST10	LCS	LCS		1.0000	0.2476	0.8768	2024-06-19 21:46:00	0.2476
49	A15	U	480-220951-f-1		1.0000	0.0050	0.0223	2024-06-19 21:49:00	0.0050
50	A16	U	MS 480-220951-f-1		1.0000	0.0940	0.3358	2024-06-19 21:53:00	0.0940
51	A17	U	480-220956-c-1		1.0000	0.0169	0.0644	2024-06-19 21:56:00	0.0169
52	A18	U	480-220956-c-3		1.0000	0.0016	0.0105	2024-06-19 22:00:00	0.0016
53	A19	U	480-220956-c-4		1.0000	0.0011	0.0086	2024-06-19 22:03:00	0.0011
54	A20	U	480-220956-c-5		1.0000	0.6774	2.3909	2024-06-19 22:06:00	0.6774

DateTime :2024-06-20 14:36:09

FlowAccessV3 Results Report

Run Name : TABUF20240619A0CN06192024A, Run Database Ref : TABUF20240619A0
DateTime :2024-06-19 18:56:08
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
55	A21	U	480-220956-c-6		1.0000	0.0360	0.1315	2024-06-19 22:09:00	0.0360
56	A22	U	480-220956-c-7		1.0000	0.0012	0.0090	2024-06-19 22:13:00	0.0012
57	ST10	CCV	CCV		1.0000	0.2510	0.8890	2024-06-19 22:16:00	0.2510
58	ST11	CCB	CCB		1.0000	0.0037	0.0177	2024-06-19 22:19:00	0.0037
59	ST12	D	Drift		1.0000	0.3635	1.2851	2024-06-19 22:25:00	0.3635
60	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 22:28:00	-0.0014
61	A23	U	480-220956-c-2		1.0000	0.0206	0.0773	2024-06-19 22:30:00	0.0206
62	A24	U	MS 480-220956-c-2 ms		1.0000	0.1119	0.3991	2024-06-19 22:33:00	0.1119
63	A25	U	MSD 480-220956-c-2 msd		1.0000	0.1143	0.4075	2024-06-19 22:39:00	0.1143
64	A26	U	480-220956-c-8		1.0000	0.0037	0.0178	2024-06-19 22:42:00	0.0037
65	A27	U	480-220956-c-9		1.0000	0.0006	0.0068	2024-06-19 22:45:00	0.0006
66	A28	U	480-220961-k-1		1.0000	0.1610	0.5720	2024-06-19 22:49:00	0.1610
67	A29	U	480-220977-f-1		1.0000	0.0003	0.0059	2024-06-19 22:52:00	0.0003
68	A30	U	480-220977-f-2		1.0000	-0.0004	0.0032	2024-06-19 22:55:00	-0.0004
69	A31	U	480-220977-f-3		1.0000	0.0002	0.0055	2024-06-19 22:59:00	0.0002
70	A32	U	480-220977-f-4		1.0000	0.0006	0.0070	2024-06-19 23:02:00	0.0006
71	ST10	CCV	CCV		1.0000	0.2522	0.8931	2024-06-19 23:05:00	0.2522
72	ST11	CCV	CCB		1.0000	0.0004	0.0060	2024-06-19 23:09:00	0.0004
73	ST12	D	Drift		1.0000	0.4942	1.7455	2024-06-19 23:12:00	0.4942
74	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-19 23:15:00	-0.0014
75	ST11	B	MB		1.0000	0.0023	0.0130	2024-06-19 23:20:00	0.0023
76	ST10	LCS	LCS		1.0000	0.2483	0.8795	2024-06-19 23:22:00	0.2483
77	A33	U	480-220977-f-6		1.0000	0.0048	0.0217	2024-06-19 23:25:00	0.0048
78	A34	U	MS 480-220977-f-6		1.0000	0.0985	0.3518	2024-06-19 23:28:00	0.0985
79	A35	U	480-220977-f-5		1.0000	0.0002	0.0056	2024-06-19 23:32:00	0.0002
80	A36	U	480-220977-f-7		1.0000	0.0054	0.0237	2024-06-19 23:35:00	0.0054
81	A37	U	480-220977-f-8		1.0000	0.0003	0.0057	2024-06-19 23:39:00	0.0003

Run Name : TABUF20240619A0CN06192024A, Run Database Ref : TABUF20240619A0
DateTime :2024-06-19 18:56:08
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
82	A38	U	480-220977-f-9		1.0000	0.0035	0.0170	2024-06-19 23:42:00	0.0035
83	A39	U	480-220977-f-10		1.0000	0.0035	0.0172	2024-06-19 23:45:00	0.0035
84	A40	U	480-220977-f-11		1.0000	-0.0003	0.0036	2024-06-19 23:49:00	-0.0003
85	ST10	CCV	CCV		1.0000	0.2435	0.8626	2024-06-19 23:52:00	0.2435
86	ST11	CCB	CCB		1.0000	0.0007	0.0071	2024-06-19 23:55:00	0.0007
87	ST12	D	Diff		1.0000	0.4999	1.7657	2024-06-19 23:59:00	0.4999
88	WT	W	Wash		1.0000	-0.0014	0.0000	2024-06-20 00:02:00	-0.0014
89	A41	U	480-220979-f-1		1.0000	0.0062	0.0265	2024-06-20 00:07:00	0.0062
90	A42	U	DU 480-220979-f-1		1.0000	0.0041	0.0192	2024-06-20 00:09:00	0.0041
91	A43	U	MS 480-220979-f-1		1.0000	0.0766	0.2747	2024-06-20 00:12:00	0.0766
92	A44	U	480-220979-f-2		1.0000	0.0026	0.0139	2024-06-20 00:16:00	0.0026

Historical Data Summary Report

For Batch 716295

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits
480-220951-F-1	Eppie Corner Creek	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.0050	☐	0 - 0.009	☐	0 - 0.007
480-220951-F-1	Eppie Corner Creek	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.0050	☐	0 - 0.009	☐	0 - 0.007
480-220952-J-1	MS EFFLUENT	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.24	☐	0 - 1.227	☐	0.088 - 1.32
480-220961-K-1	LCOMPD	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	0.16	☑	0.013 - 0.013	☑	0.01 - 0.016
480-220977-F-1	89-156-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-10	DUP@357R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-11	D-19RR	9012B_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-2	98-156-3	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-3	98-186-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-4	75R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-5	76R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-6	94R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-7	PELA-4	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.028	☐	0 - 0.026
480-220977-F-8	89-167-3	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-220977-F-9	357R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.064	☐	0 - 0.06

717034

CN Solutions-Skalar:

Distillation Reagent:	7979716	Exp:	07/25/2024
Diluent	7979697	Exp:	07/25/2024
Sodium Dihydrogen Phosphate Buffer	7974209	Exp:	07/19/2024
Pyridine Barbituric Acid –color reagent	7974145	Exp:	07/19/2024
Chloramine-T Solution	7953831	Exp:	07/04/2024
Sodium hydroxide solution	7979714	Exp:	07/25/2024
Digestion reagent	7979712	Exp:	07/25/2024
1M Sodium Hydroxide	7979718	Exp:	07/25/2024
50ppm INT STD	7972061	Exp:	06/26/2024
CN.25ppm CCV/LCS Std	7980600	Exp:	06/27/2024
50ppm INT 2nd source STD	7972062	Exp:	06/26/2024
0.400mg/L HLCS	7980601	Exp:	06/27/2024
0.100mg/L	7980602	Exp:	06/27/2024
0.01 mg/L CCVL	7980603	Exp:	06/27/2024
10ppm Complex-MS/MSD	7972063	Exp:	06/26/2024

LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

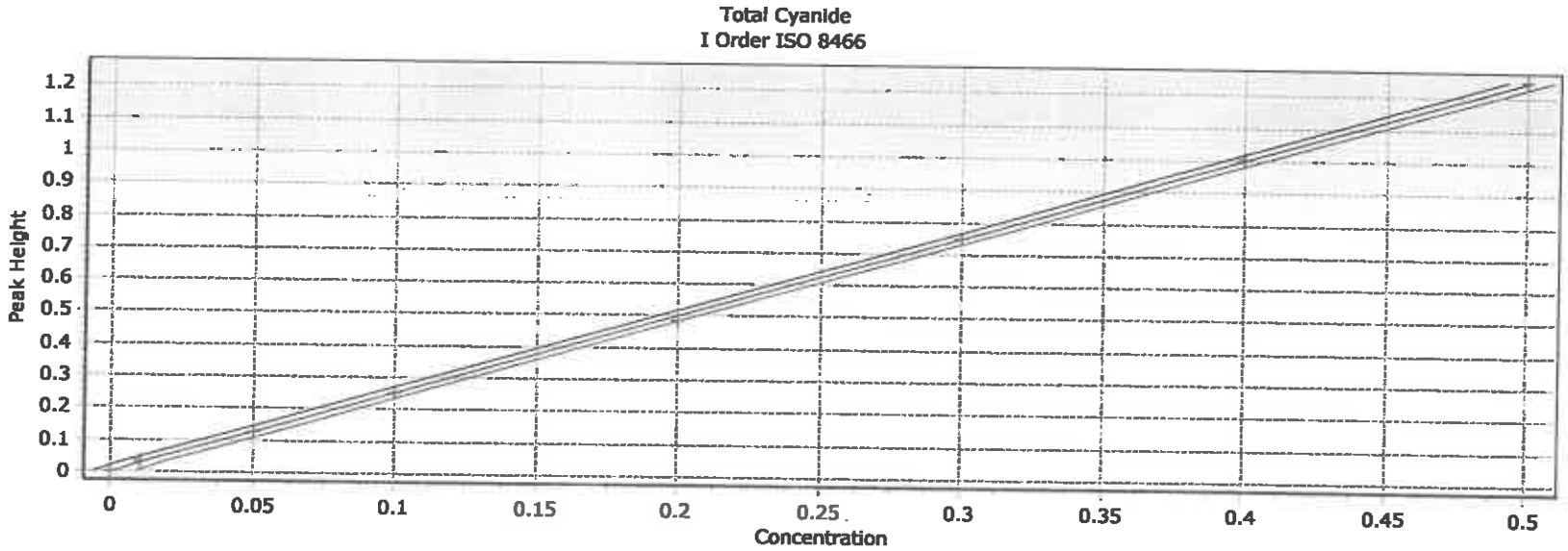
Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7972061
ICV (0.250 ppm): 7980604 Exp: 06/27/2024

Test for sulfide in samples (Lead Acetate) Manufacturer Date : 2/5/2024
Test for oxidizers in samples (Potassium Iodine) Lot number: 121916

717034

FlowAccessV3

Date:2024-06-27 15:06:08



a = -0.00080260424660 b = 2.49873805150322 RSD = 0.00675535573793

r = 0.99991173934407 R2 = 0.99982348647809

Run Name : TABUF20240626A1CN06262024, Run Db Ref : TABUF20240626A1

User Name : Administrator Operator Name : Administrator

717034

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
1	IW	IW	InitialWash		1.0000	0.0003	0.0000	2024-06-26 19:07:00	0.0003
2	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	0.5037
3	ST8	D	Drift		1.0000	0.5027	1.2553	2024-06-26 19:15:00	0.5027
4	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 19:19:00	0.0003
5	ST1	S1	0		1.0000	0.0010	0.0017	2024-06-26 19:21:00	0.0010
6	ST2	S2	0.01		1.0000	0.0124	0.0303	2024-06-26 19:25:00	0.0124
7	ST3	S3	0.05		1.0000	0.0500	0.1241	2024-06-26 19:28:00	0.0500
8	ST4	S4	0.1		1.0000	0.0996	0.2482	2024-06-26 19:31:00	0.0996
9	ST5	S5	0.2		1.0000	0.1942	0.4845	2024-06-26 19:35:00	0.1942
10	ST6	S6	0.3		1.0000	0.3001	0.7491	2024-06-26 19:38:00	0.3001
11	ST7	S7	0.4		1.0000	0.4016	1.0027	2024-06-26 19:41:00	0.4016
12	ST8	S8	0.5		1.0000	0.5010	1.2511	2024-06-26 19:45:00	0.5010
13	ST8	D	Drift		1.0000	0.5033	1.2569	2024-06-26 19:48:00	0.5033
14	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 19:53:00	0.0003
15	ST9	ICV	ICV		1.0000	0.2661	0.6640	2024-06-26 19:55:00	0.2661
16	ST1	ICB	ICB		1.0000	0.0014	0.0027	2024-06-26 19:58:00	0.0014
17	ST9	D	Drift		1.0000	0.4946	1.2350	2024-06-26 20:01:00	0.4946
18	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 20:06:00	0.0003
19	ST10	CCV	CCV		1.0000	0.2541	0.6341	2024-06-26 20:08:00	0.2541
20	ST11	CCB	CCB		1.0000	0.0010	0.0018	2024-06-26 20:11:00	0.0010
21	ST11	B	MB		1.0000	0.0006	0.0007	2024-06-26 20:15:00	0.0006
22	ST7	LCS	HLCS		1.0000	0.4075	1.0174	2024-06-26 20:18:00	0.4075
23	ST10	LCS	LCS		1.0000	0.2516	0.6280	2024-06-26 20:21:00	0.2516
24	ST2	CCV	CCVL		1.0000	0.0127	0.0309	2024-06-26 20:25:00	0.0127
25	A1	U	480-220956-c-1		1.0000	0.0126	0.0307	2024-06-26 20:28:00	0.0126
26	A2	U	MS 480-220956-c-1		1.0000	0.1064	0.2650	2024-06-26 20:31:00	0.1064
27	A3	U	480-220956-c-5	2mL→10 mL	5.0000	0.7133	0.3556	2024-06-26 20:35:00	0.1427

DateTime :2024-06-27 15:06:39

06/28/2024

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeinbt.	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
28	A4	U	480-220956-c-6		1.0000	0.0021	0.0044	2024-06-26 20:38:00	0.0021
29	ST10	CCV	CCV		1.0000	0.2496	0.6229	2024-06-26 20:41:00	0.2496
30	ST11	CCB	CCB		1.0000	0.0013	0.0025	2024-06-26 20:45:00	0.0013
31	ST12	D	DRIFT		1.0000	0.4873	1.2168	2024-06-26 20:48:00	0.4873
32	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 20:53:00	0.0003
33	A5	U	480-220956-c-2		1.0000	0.0130	0.0316	2024-06-26 20:55:00	0.0130
34	A6	U	MS 480-220956-c-2 ms		1.0000	0.1083	0.2698	2024-06-26 20:58:00	0.1083
35	A7	U	MSD 480-220956-c-2 msd		1.0000	0.1101	0.2742	2024-06-26 21:01:00	0.1101
36	A8	U	480-220979-f-1		1.0000	0.0035	0.0080	2024-06-26 21:05:00	0.0035
37	A9	U	480-220979-f-2		1.0000	0.0459	0.1138	2024-06-26 21:08:00	0.0459
38	A10	U	480-220979-f-3		1.0000	0.0030	0.0068	2024-06-26 21:11:00	0.0030
39	A11	U	480-220979-f-4		1.0000	0.0062	0.0147	2024-06-26 21:15:00	0.0062
40	A12	U	480-220980-f-1		1.0000	0.0011	0.0019	2024-06-26 21:18:00	0.0011
41	A13	U	480-221010-g-1		1.0000	0.0023	0.0049	2024-06-26 21:21:00	0.0023
42	A14	U	480-221010-g-2		1.0000	0.0037	0.0084	2024-06-26 21:25:00	0.0037
43	ST10	CCV	CCV		1.0000	0.2522	0.6293	2024-06-26 21:28:00	0.2522
44	ST11	CCB	CCB		1.0000	0.0016	0.0031	2024-06-26 21:31:00	0.0016
45	ST12	D	Drift		1.0000	0.4831	1.2062	2024-06-26 21:35:00	0.4831
46	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 21:39:00	0.0003
47	ST11	B	MB		1.0000	0.0019	0.0041	2024-06-26 21:41:00	0.0019
48	ST10	LCS	LCS		1.0000	0.2533	0.6321	2024-06-26 21:45:00	0.2533
49	A15	U	480-221010-g-3		1.0000	0.0009	0.0015	2024-06-26 21:48:00	0.0009
50	A16	U	MS 480-221010-g-3		1.0000	0.0948	0.2361	2024-06-26 21:51:00	0.0948
51	A17	U	480-221010-g-4		1.0000	0.0015	0.0030	2024-06-26 21:55:00	0.0015
52	A18	U	480-221010-g-5		1.0000	0.0010	0.0017	2024-06-26 21:58:00	0.0010
53	A19	U	480-221010-g-6		1.0000	0.0058	0.0137	2024-06-26 22:01:00	0.0058
54	A20	U	480-221010-g-7		1.0000	0.0029	0.0064	2024-06-26 22:05:00	0.0029

DateTime :2024-06-27 15:06:39

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
55	A21	U	480-221010-g-8		1.0000	0.0025	0.0056	2024-06-26 22:08:00	0.0025
56	A22	U	480-221010-g-9		1.0000	0.0033	0.0075	2024-06-26 22:11:00	0.0033
57	ST10	CCV	CCV		1.0000	0.2527	0.6306	2024-06-26 22:15:00	0.2527
58	ST11	CCB	CCB		1.0000	0.0025	0.0055	2024-06-26 22:18:00	0.0025
59	ST12	D	Drift		1.0000	0.4795	1.1974	2024-06-26 22:21:00	0.4795
60	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 22:26:00	0.0003
61	A23	U	480-221023-f-2		1.0000	0.0043	0.0100	2024-06-26 22:28:00	0.0043
62	A24	U	DU 480-221023-f-2		1.0000	0.0011	0.0019	2024-06-26 22:31:00	0.0011
63	A25	U	MS 480-221023-f-2		1.0000	0.0885	0.2204	2024-06-26 22:35:00	0.0885
64	A26	U	480-221023-f-3		1.0000	0.0014	0.0027	2024-06-26 22:38:00	0.0014
65	A27	U	480-221023-f-4		1.0000	0.0131	0.0320	2024-06-26 22:41:00	0.0131
66	A28	U	480-221023-f-5		1.0000	0.0031	0.0070	2024-06-26 22:45:00	0.0031
67	A29	U	480-221023-f-6		1.0000	0.0008	0.0011	2024-06-26 22:48:00	0.0008
68	A30	U	480-221023-f-7		1.0000	0.0008	0.0012	2024-06-26 22:51:00	0.0008
69	A31	U	480-221023-f-8		1.0000	0.0030	0.0066	2024-06-26 22:55:00	0.0030
70	A32	U	480-221023-f-9		1.0000	0.0020	0.0041	2024-06-26 22:58:00	0.0020
71	ST10	CCV	CCV		1.0000	0.2426	0.6054	2024-06-26 23:01:00	0.2426
72	ST11	CCV	CCB		1.0000	0.0024	0.0052	2024-06-26 23:05:00	0.0024
73	ST12	D	Drift		1.0000	0.4875	1.2174	2024-06-26 23:08:00	0.4875
74	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 23:13:00	0.0003
75	ST11	B	MB		1.0000	0.0030	0.0067	2024-06-26 23:14:00	0.0030
76	ST10	LCS	LCS		1.0000	0.2430	0.6065	2024-06-26 23:18:00	0.2430
77	A33	U	480-221023-f-10		1.0000	0.0148	0.0361	2024-06-26 23:21:00	0.0148
78	A34	U	MS 480-221023-f-10		1.0000	0.0919	0.2288	2024-06-26 23:25:00	0.0919
79	A35	U	480-221023-f-11		1.0000	0.0050	0.0118	2024-06-26 23:28:00	0.0050
80	A36	U	480-221023-f-12		1.0000	0.0092	0.0222	2024-06-26 23:31:00	0.0092
81	A37	U	480-221023-f-13		1.0000	0.0007	0.0008	2024-06-26 23:35:00	0.0007

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
82	A38	U	480-221023-f-14		1.0000	0.0008	0.0013	2024-06-26 23:38:00	0.0008
83	A39	U	480-221023-f-15		1.0000	0.0087	0.0211	2024-06-26 23:41:00	0.0087
84	A40	U	480-221023-f-16		1.0000	0.0003	0.0000	2024-06-26 23:45:00	0.0003
85	ST10	CCV	CCV		1.0000	0.2440	0.6089	2024-06-26 23:48:00	0.2440
86	ST11	CCB	CCB		1.0000	0.0016	0.0032	2024-06-26 23:51:00	0.0016
87	ST12	D	Drift		1.0000	0.4850	1.2112	2024-06-26 23:55:00	0.4850
88	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-26 23:59:00	0.0003
89	A41	U	480-221024-c-2		1.0000	0.0026	0.0056	2024-06-27 00:01:00	0.0026
90	A42	U	DU 480-221024-c-2		1.0000	0.0009	0.0015	2024-06-27 00:04:00	0.0009
91	A43	U	MS 480-221024-c-2		1.0000	0.0888	0.2210	2024-06-27 00:08:00	0.0888
92	A44	U	480-221032-m-1		1.0000	0.0001	-0.0005	2024-06-27 00:11:00	0.0001
93	A45	U	480-221032-m-2		1.0000	0.0001	-0.0004	2024-06-27 00:15:00	0.0001
94	A46	U	480-221032-m-3		1.0000	0.0003	0.0000	2024-06-27 00:18:00	0.0003
95	A47	U	480-221032-m-4		1.0000	0.0002	-0.0003	2024-06-27 00:21:00	0.0002
96	A48	U	480-221032-m-5		1.0000	0.0000	-0.0008	2024-06-27 00:27:00	0.0000
97	A49	U	480-221032-m-6		1.0000	0.0003	0.0000	2024-06-27 00:30:00	0.0003
98	A50	U	480-221032-m-7		1.0000	0.0001	-0.0005	2024-06-27 00:34:00	0.0001
99	ST13	CCV	CCV		1.0000	0.2481	0.6191	2024-06-27 00:37:00	0.2481
100	ST14	CCB	CCB		1.0000	0.0021	0.0045	2024-06-27 00:40:00	0.0021
101	ST15	D	Drift		1.0000	0.4833	1.2069	2024-06-27 00:44:00	0.4833
102	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 00:47:00	0.0003
103	ST14	B	MB		1.0000	0.0028	0.0061	2024-06-27 00:52:00	0.0028
104	ST13	LCS	LCS		1.0000	0.2490	0.6214	2024-06-27 00:53:00	0.2490
105	A51	U	480-221032-m-8		1.0000	0.0021	0.0044	2024-06-27 00:57:00	0.0021
106	A52	U	DU 480-221032-m-8		1.0000	0.0006	0.0007	2024-06-27 01:00:00	0.0006
107	A53	U	MS 480-221032-m-8		1.0000	0.0923	0.2297	2024-06-27 01:03:00	0.0923
108	A54	U	480-221032-m-9		1.0000	0.0006	0.0007	2024-06-27 01:07:00	0.0006

DateTime :2024-06-27 15:06:39

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
109	A55	U	480-221032-m-10		1.0000	0.0003	0.0000	2024-06-27 01:11:00	0.0003
110	A56	U	480-221032-m-11		1.0000	0.0003	-0.0001	2024-06-27 01:14:00	0.0003
111	A57	U	480-221032-m-12		1.0000	0.0006	0.0006	2024-06-27 01:17:00	0.0006
112	A58	U	480-221032-m-13		1.0000	0.0003	0.0000	2024-06-27 01:21:00	0.0003
113	ST13	CCV	CCV		1.0000	0.2491	0.6215	2024-06-27 01:24:00	0.2491
114	ST14	CCB	CCB		1.0000	0.0024	0.0051	2024-06-27 01:27:00	0.0024
115	ST15	D	Drift		1.0000	0.4838	1.2081	2024-06-27 01:31:00	0.4838
116	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 01:34:00	0.0003
117	ST14	B	MB		1.0000	0.0030	0.0068	2024-06-27 01:38:00	0.0030
118	ST13	LCS	LCS		1.0000	0.2443	0.6097	2024-06-27 01:40:00	0.2443
119	A59	U	480-221032-m-14		1.0000	0.0014	0.0026	2024-06-27 01:44:00	0.0014
120	A60	U	MS 480-221032-m-14		1.0000	0.0925	0.2303	2024-06-27 01:47:00	0.0925
121	B1	U	480-221032-m-15		1.0000	0.0005	0.0004	2024-06-27 01:51:00	0.0005
122	B2	U	480-221032-m-16		1.0000	0.0007	0.0010	2024-06-27 01:54:00	0.0007
123	B3	U	480-221032-m-17		1.0000	0.0004	0.0001	2024-06-27 01:57:00	0.0004
124	B4	U	480-221032-m-18		1.0000	0.0002	-0.0003	2024-06-27 02:01:00	0.0002
125	B5	U	480-221032-m-19		1.0000	0.0004	0.0003	2024-06-27 02:04:00	0.0004
126	B6	U	480-221032-m-20		1.0000	0.0002	-0.0002	2024-06-27 02:07:00	0.0002
127	ST13	CCV	CCV		1.0000	0.2471	0.6165	2024-06-27 02:11:00	0.2471
128	ST14	CCB	CCB		1.0000	0.0022	0.0048	2024-06-27 02:14:00	0.0022
129	ST15	D	Drift		1.0000	0.4861	1.2137	2024-06-27 02:17:00	0.4861
130	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 02:21:00	0.0003
131	B7	U	480-221039-g-1		1.0000	0.0025	0.0055	2024-06-27 02:25:00	0.0025
132	B8	U	DU 480-221039-g-1		1.0000	0.0004	0.0001	2024-06-27 02:27:00	0.0004
133	B9	U	MS 480-221039-g-1		1.0000	0.0938	0.2335	2024-06-27 02:30:00	0.0938
134	B10	U	480-221039-g-2		1.0000	0.0011	0.0021	2024-06-27 02:34:00	0.0011
135	B11	U	480-221039-g-3		1.0000	0.0016	0.0032	2024-06-27 02:37:00	0.0016

DateTime :2024-06-27 15:06:39

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
136	B12	U	480-221039-g-4		1.0000	0.0018	0.0036	2024-06-27 02:41:00	0.0018
137	B13	U	480-221039-g-5		1.0000	0.0054	0.0126	2024-06-27 02:44:00	0.0054
138	B14	U	480-221039-g-6		1.0000	0.0020	0.0041	2024-06-27 02:47:00	0.0020
139	B15	U	480-221039-g-7		1.0000	0.0018	0.0036	2024-06-27 02:51:00	0.0018
140	B16	U	480-221039-g-8		1.0000	0.0027	0.0059	2024-06-27 02:54:00	0.0027
141	ST13	CCV	CCV		1.0000	0.2509	0.6261	2024-06-27 02:57:00	0.2509
142	ST14	CCB	CCB		1.0000	0.0024	0.0052	2024-06-27 03:01:00	0.0024
143	ST15	D	Drift		1.0000	0.4754	1.1872	2024-06-27 03:04:00	0.4754
144	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 03:07:00	0.0003
145	ST14	B	MB		1.0000	0.0036	0.0083	2024-06-27 03:12:00	0.0036
146	ST13	LCS	LCS		1.0000	0.2506	0.6255	2024-06-27 03:13:00	0.2506
147	B17	U	480-221061-d-1		1.0000	0.0024	0.0053	2024-06-27 03:17:00	0.0024
148	B18	U	MS 480-221061-d-1		1.0000	0.0965	0.2404	2024-06-27 03:20:00	0.0965
149	B19	U	480-221061-d-2		1.0000	0.0014	0.0026	2024-06-27 03:24:00	0.0014
150	B20	U	480-221067-f-1		1.0000	0.0019	0.0038	2024-06-27 03:27:00	0.0019
151	B21	U	480-221068-f-2		1.0000	0.0018	0.0037	2024-06-27 03:31:00	0.0018
152	B22	U	480-221068-f-3		1.0000	0.0012	0.0022	2024-06-27 03:34:00	0.0012
153	B23	U	480-221068-f-4		1.0000	0.0004	0.0003	2024-06-27 03:37:00	0.0004
154	B24	U	480-221068-f-5		1.0000	0.0385	0.0954	2024-06-27 03:41:00	0.0385
155	ST13	CCV	CCV		1.0000	0.2556	0.6378	2024-06-27 03:44:00	0.2556
156	ST14	CCB	CCB		1.0000	0.0021	0.0045	2024-06-27 03:47:00	0.0021
157	ST15	D	Drift		1.0000	0.4709	1.1758	2024-06-27 03:51:00	0.4709
158	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 03:54:00	0.0003
159	B25	U	480-221068-f-6		1.0000	0.0047	0.0109	2024-06-27 03:58:00	0.0047
160	B26	U	DU 480-221068-f-6		1.0000	0.0031	0.0069	2024-06-27 04:00:00	0.0031
161	B27	U	MS 480-221068-f-6		1.0000	0.0925	0.2304	2024-06-27 04:04:00	0.0925
162	B28	U	480-221068-f-7		1.0000	0.0014	0.0027	2024-06-27 04:07:00	0.0014

DateTime :2024-06-27 15:06:39

FlowAccessV3 Results Report

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
163	B29	U	480-221069-f-1		1.0000	0.0011	0.0019	2024-06-27 04:11:00	0.0011
164	B30	U	480-221069-f-2		1.0000	0.0029	0.0066	2024-06-27 04:14:00	0.0029
165	B31	U	480-221069-f-3		1.0000	0.0028	0.0062	2024-06-27 04:17:00	0.0028
166	B32	U	480-221069-f-4		1.0000	0.0022	0.0046	2024-06-27 04:21:00	0.0022
167	B33	U	480-221069-f-5		1.0000	0.0013	0.0023	2024-06-27 04:24:00	0.0013
168	B34	U	480-221069-f-6		1.0000	0.0056	0.0131	2024-06-27 04:27:00	0.0056
169	ST13	CCV	CCV		1.0000	0.2512	0.6268	2024-06-27 04:31:00	0.2512
170	ST14	CCB	CCB		1.0000	0.0015	0.0029	2024-06-27 04:34:00	0.0015
171	ST15	D	Diff		1.0000	0.4775	1.1923	2024-06-27 04:37:00	0.4775
172	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 04:41:00	0.0003
173	ST14	B	MB		1.0000	0.0013	0.0025	2024-06-27 04:45:00	0.0013
174	ST13	LCS	LCS		1.0000	0.2513	0.6272	2024-06-27 04:47:00	0.2513
175	B35	U	480-221072-i-1		1.0000	0.0012	0.0021	2024-06-27 04:51:00	0.0012
176	B36	U	MS 480-221072-i-1		1.0000	0.0939	0.2338	2024-06-27 04:54:00	0.0939
177	B37	U	480-221098-h-1		1.0000	0.0154	0.0377	2024-06-27 04:57:00	0.0154
178	B38	U	480-221098-h-2		1.0000	0.4016	1.0026	2024-06-27 05:01:00	0.4016
179	B39	U	480-221098-h-3		1.0000	0.0227	0.0558	2024-06-27 05:04:00	0.0227
180	B40	U	480-221130-t-1		1.0000	0.1489	0.3714	2024-06-27 05:07:00	0.1489
181	B41	U	480-221132-a-2		1.0000	0.2556	0.6379	2024-06-27 05:11:00	0.2556
182	B42	U	480-221156-b-1		1.0000	0.0008	0.0013	2024-06-27 05:14:00	0.0008
183	ST13	CCV	CCV		1.0000	0.2498	0.6233	2024-06-27 05:17:00	0.2498
184	ST14	CCB	CCB		1.0000	0.0014	0.0027	2024-06-27 05:21:00	0.0014
185	ST15	D	Diff		1.0000	0.4782	1.1942	2024-06-27 05:24:00	0.4782
186	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 05:27:00	0.0003
187	B43	U	480-221156-b-8		1.0000	0.0009	0.0014	2024-06-27 05:32:00	0.0009
188	B44	U	MS 480-221156-b-8 ms		1.0000	0.0857	0.2132	2024-06-27 05:34:00	0.0857
189	B45	U	MSD 480-221156-b-8 msd		1.0000	0.0907	0.2259	2024-06-27 05:37:00	0.0907

DateTime :2024-06-27 15:06:39

Run Name : TABUF20240626A1CN06262024B, Run Database Ref : TABUF20240626A1
DateTime :2024-06-26 18:54:23
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	ExternalDilution	Total Cyanide-Results[mg/l CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
190	B46	U	480-221156-b-2		1.0000	0.0004	0.0002	2024-06-27 05:41:00	0.0004
191	B47	U	480-221156-b-3		1.0000	0.0005	0.0004	2024-06-27 05:44:00	0.0005
192	B48	U	480-221156-b-4		1.0000	0.0001	-0.0004	2024-06-27 05:47:00	0.0001
193	B49	U	480-221156-b-5		1.0000	0.0003	-0.0002	2024-06-27 05:51:00	0.0003
194	B50	U	480-221156-b-6		1.0000	0.0007	0.0009	2024-06-27 05:54:00	0.0007
195	B51	U	480-221156-b-7		1.0000	0.0008	0.0012	2024-06-27 05:57:00	0.0008
196	B52	U	480-221156-b-9		1.0000	0.0001	-0.0005	2024-06-27 06:01:00	0.0001
197	ST16	CCV	CCV		1.0000	0.2489	0.6211	2024-06-27 06:04:00	0.2489
198	ST17	CCB	CCB		1.0000	0.0015	0.0031	2024-06-27 06:07:00	0.0015
199	ST18	D	DRIFT		1.0000	0.4758	1.1881	2024-06-27 06:11:00	0.4758
200	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 06:14:00	0.0003
201	ST17	B	MB		1.0000	0.0015	0.0028	2024-06-27 06:19:00	0.0015
202	ST16	LCS	LCS		1.0000	0.2537	0.6332	2024-06-27 06:21:00	0.2537
203	B53	U	480-221165-e-1		1.0000	0.0018	0.0038	2024-06-27 06:24:00	0.0018
204	B54	U	MS 480-221165-e-1		1.0000	0.0936	0.2332	2024-06-27 06:27:00	0.0936
205	B55	U	480-221163-f-1		1.0000	0.0026	0.0056	2024-06-27 06:31:00	0.0026
206	ST16	CCV	CCV		1.0000	0.2607	0.6506	2024-06-27 06:34:00	0.2607
207	ST17	CCB	CCB		1.0000	0.0016	0.0031	2024-06-27 06:37:00	0.0016
208	ST18	D	DRIFT		1.0000	0.4681	1.1688	2024-06-27 06:41:00	0.4681
209	WT	W	Wash		1.0000	0.0003	0.0000	2024-06-27 06:44:00	0.0003
210	E	E	EndRun		1.0000	0.0003	0.0000	2024-06-27 06:49:00	0.0003

Historical Data Summary Report

For Batch 717034

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits
480-220979-F-1	96-185-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.103	☐	0 - 0.108
480-220979-F-2	10-152-1R	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.046	☐	0 - 0.124	☐	0 - 0.12
480-220979-F-3	10-152-2R	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.015	☐	0 - 0.016
480-220979-F-4	10-185-1	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.018	☐	0 - 0.019
480-220980-F-1	20-183-2R	9012B_NP	Cyanide, Total	Total/NA	mg/L	4	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-10	300R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	0.015	☐	0 - 0.116	☐	0 - 0.106
480-221023-F-11	172R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.053	☐	0 - 0.049
480-221023-F-12	413R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.13	☐	0 - 0.12
480-221023-F-13	173R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-14	171R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-15	169RR	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.097	☐	0 - 0.080
480-221023-F-16	170R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-2	303AR	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-3	304R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-4	305R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	0.013	☐	0 - 0.119	☐	0 - 0.109
480-221023-F-5	326R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.069	☐	0 - 0.065
480-221023-F-6	333R	9012B_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.046	☐	0 - 0.049
480-221023-F-7	334R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221023-F-8	302R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.205	☐	0 - 0.192
480-221023-F-9	301RR	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.021	☐	0 - 0.019
480-221032-M-1	14092 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-10	15134 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-11	15312 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.012	☐	0 - 0.013
480-221032-M-12	15555 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-13	17706 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.015	☐	0 - 0.016
480-221032-M-14	17970 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-15	18819 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.017	☐	0 - 0.018
480-221032-M-16	19379 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-17	19389 Lincoln	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-18	19400 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-19	19470 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-2	14117 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-20	19560 Fellows	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.013	☐	0 - 0.014
480-221032-M-3	14195 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.023	☐	0 - 0.025
480-221032-M-4	14215 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.015	☐	0 - 0.016
480-221032-M-5	14300 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-6	14305 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221032-M-7	14776 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0.013	☐	0 - 0.014
480-221032-M-8	14898 Yager	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☐	0 - 0	☐	0 - 0

Historical Data Summary Report

For Batch 717034

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits
480-221032-M-9	15075 Round Grove	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	ND	☑	0 - 0	☐	0 - 0
480-221067-F-1	MH-Si-MLD	9012B_NP	Cyanide, Total	Total/NA	mg/L	2	1.0000	ND	☐	0 - 0.084	☑	0.017 - 0.025 OK
480-221068-F-2	327	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.019	☐	0 - 0.018
480-221068-F-3	335	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221068-F-4	336	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221068-F-5	328	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	0.039	☐	0 - 0.546	☐	0.013 - 0.516
480-221068-F-6	337R	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.029	☐	0 - 0.022
480-221068-F-7	338	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221069-F-1	98-187-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221069-F-2	98-188-1	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.036	☐	0 - 0.034
480-221069-F-3	98-188-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.023	☐	0 - 0.022
480-221069-F-4	98-188-3	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.021	☐	0 - 0.019
480-221069-F-5	98-193-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221069-F-6	98-194-2	9012B_NP	Cyanide, Total	Total/NA	mg/L	6	1.0000	ND	☐	0 - 0.066	☐	0 - 0.061
480-221156-B-1	B-105	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-2	B-106	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-3	B-107	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-4	B-109	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-5	B-111	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-6	Dupe-X	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-7	OWB-102	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-8	OWB-103	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0
480-221156-B-9	B-110	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	ND	☐	0 - 0	☐	0 - 0

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Batch Number: 716295 Batch Start Date: 06/19/24 19:09 Batch Analyst: Willert, Grace

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	WC_CN 0.400 00237	WC_CN CCV/LCS 00406	WC_CN ICV 00233	
ICV 480-716295/15		9012B			10 mL	10 mL			# mL	
ICB 480-716295/16		9012B			10 mL	10 mL				
CCV 480-716295/19		9012B			10 mL	10 mL		# mL		
CCB 480-716295/20		9012B			10 mL	10 mL				
MB 480-716295/21		9012B			10 mL	10 mL				
HLCS 480-716295/22		9012B			10 mL	10 mL	# mL			
LCS 480-716295/23		9012B			10 mL	10 mL		# mL		
CCV 480-716295/29		9012B			10 mL	10 mL		# mL		
CCB 480-716295/30		9012B			10 mL	10 mL				
CCV 480-716295/43		9012B			10 mL	10 mL		# mL		
CCB 480-716295/44		9012B			10 mL	10 mL				
MB 480-716295/47		9012B			10 mL	10 mL				
LCS 480-716295/48		9012B			10 mL	10 mL		# mL		
480-220956-C-3	MW-C16_20240617	9012B	Water	T	10 mL	10 mL				
480-220956-C-4	MW-13S_20240617	9012B	Water	T	10 mL	10 mL				
480-220956-C-7	MW-46S_20240618	9012B	Water	T	10 mL	10 mL				
CCV 480-716295/57		9012B			10 mL	10 mL		# mL		
CCB 480-716295/58		9012B			10 mL	10 mL				
480-220956-C-8	MW-48S_20240618	9012B	Water	T	10 mL	10 mL				
480-220956-C-9	DUP-1_202406	9012B	Water	T	10 mL	10 mL				
CCV 480-716295/71		9012B			10 mL	10 mL		# mL		
CCB 480-716295/72		9012B			10 mL	10 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.: 480-220956-1

SDG No.:

Batch Number: 716295 Batch Start Date: 06/19/24 19:09 Batch Analyst: Willert, Grace

Batch Method: 9012B 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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-220956-1

SDG No.:

Batch Number: 717034 Batch Start Date: 06/26/24 19:07 Batch Analyst: Willert, Grace

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	10ppm CN MS 00418	WC_CN 0.400 00238	WC_CN CCV/LCS 00409	WC_CN ICV 00234
ICV 480-717034/15		9012B			10 mL	10 mL				# mL
ICB 480-717034/16		9012B			10 mL	10 mL				
CCV 480-717034/19		9012B			10 mL	10 mL			# mL	
CCB 480-717034/20		9012B			10 mL	10 mL				
MB 480-717034/21		9012B			10 mL	10 mL				
HLCS 480-717034/22		9012B			10 mL	10 mL		# mL		
LCS 480-717034/23		9012B			10 mL	10 mL			# mL	
480-220956-C-1	MW-C11_20240617	9012B	Water	T	10 mL	10 mL				
480-220956-C-1 MS	MW-C11_20240617	9012B		T	10 mL	10 mL	100 uL			
480-220956-C-5	MW-22S_20240618	9012B	Water	T	10 mL	10 mL				
480-220956-C-6	MW-23S_20240618	9012B	Water	T	10 mL	10 mL				
CCV 480-717034/29		9012B			10 mL	10 mL			# mL	
CCB 480-717034/30		9012B			10 mL	10 mL				
480-220956-C-2	MW-C12_20240617	9012B	Water	T	10 mL	10 mL				
480-220956-C-2 MS	MW-C12_20240617 MS	9012B	Water	T	10 mL	10 mL	100 uL			
480-220956-C-2 MSD	MW-C12_20240617 MSD	9012B	Water	T	10 mL	10 mL	100 uL			
CCV 480-717034/43		9012B			10 mL	10 mL			# mL	
CCB 480-717034/44		9012B			10 mL	10 mL				
MB 480-717034/47		9012B			10 mL	10 mL				
LCS 480-717034/48		9012B			10 mL	10 mL			# mL	
CCV 480-717034/57		9012B			10 mL	10 mL			# mL	
CCB 480-717034/58		9012B			10 mL	10 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.: 480-220956-1

SDG No.:

Batch Number: 717034 Batch Start Date: 06/26/24 19:07 Batch Analyst: Willert, Grace

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	10ppm CN MS 00418	WC_CN 0.400 00238	WC_CN CCV/LCS 00409	WC_CN ICV 00234
CCV 480-717034/71		9012B			10 mL	10 mL			# mL	
CCB 480-717034/72		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

Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins Environment Testing

Syracuse

Client Information

Client Contact: Mr. Gunther Schnorr
Company: D&B Engineers and Architects, P.C.
Address: 5879 Fisher Road PO BOX 56
City: East Syracuse
State, Zip: NY, 13057
Phone: 315-437-1142(Tel)
Email: gschnorr@db-eng.com, labdata@db-eng.com
Project Name: NYSEG - Court Street OMM
Site: Send results to:

Sampler: Gunther J Schnorr
Phone: 315.558.1590
PWSID:
Due Date Requested:
TAT Requested (days): Standard TAT
Compliance Project: Δ Yes Δ No
PO #: 5811
WO #:
Project #: 48026495
SSOW#:

Lab PM: Schove, John R
E-Mail: John.Schove@et.eurofinsus.com
Carrier Tracking No(s): #225
State of Origin: NY

COC No: 480-197136-39287.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes: N - None, A - HCL, B - NaOH

Other:

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 (N)	8260C - BTEX (A)	9012B - Cyanide (B)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	B		
MW-C11_20240617	6/17/24	1040	G	Water	N	N	X	X	X	5	
MW-C12_20240617		1310		Water		Y				18	MS/MSD
MW-C16_20240617		1145		Water		N				6	
MW-135_20240617		1505		Water						6	
MW-225_20240618	6/18/24	1200		Water						6	
MW-235_20240618		0920		Water							
MW-465_20240618		1320 1040		Water							
MW-485_20240618		1040		Water							
DUP-1_202406	6/2024	0000		Water							
Trip Blank_202406	6/2024	0000		Water						3	Lab Supplied VOCs only
Blank				Water							

480-220956 Chain of Custody

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): NYSDEC ASP-CAT B deliverables (IV)

Special Instructions/QC Requirements: Low Level SIM for Select Analytes

Empty Kit Relinquished by:
Date: Time: Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/18/24 1530	D&B	[signature]	6-18-24, 1530	Syr
[signature]	6-18-24, 1800	Syr	[signature]	6/19/24 1000	TAB

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: #1 2.8, 3.1

Ver: 04/02/2024

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: 480-88094.1
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 #: 480-220956-1
Address: 777 New Durham Road	Due Date Requested: 7/2/2024			Preservation Codes:
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#:			Other

Analysis Requested

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_20240617 (480-220956-1)	6/17/24	10:40 Eastern		Water			X	X	2	
MW-C12_20240617 (480-220956-2)	6/17/24	13:10 Eastern		Water			X	X	2	
MW-C12_20240617 MS (480-220956-2MS)	6/17/24	13:10 Eastern	MS	Water			X	X	2	
MW-C12_20240617 MSD (480-220956-2MSD)	6/17/24	13:10 Eastern	MSD	Water			X	X	2	
MW-C16_20240617 (480-220956-3)	6/17/24	11:45 Eastern		Water			X	X	2	
MW-13S_20240617 (480-220956-4)	6/17/24	15:05 Eastern		Water			X	X	2	
MW-22S_20240618 (480-220956-5)	6/18/24	12:00 Eastern		Water			X	X	2	
MW-23S_20240618 (480-220956-6)	6/18/24	09:20 Eastern		Water			X	X	2	
MW-46S_20240618 (480-220956-7)	6/18/24	13:20 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: [signature]	Date/Time: 6/19/24 1600	Company TA	Received by: [signature]	Date/Time: 6/20/24 1005	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No. 2579905		Cooler Temperature(s) °C and Other Remarks:			

IR 91.7c 12.1c

Ver: 04/02/2024

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: 480-88094.2
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 #: 480-220956-1
Address: 777 New Durham Road,	Due Date Requested: 7/2/2024			Preservation Codes:
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#:			Other

Analysis Requested

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_20240618 (480-220956-8)	6/18/24	10:40 Eastern		Water			X	X	2	
DUP-1_202406 (480-220956-9)	6/18/24	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: See PSI	Date/Time:	Company	Received by: BPalen	Date/Time: 6/20/24 10:05	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No. 2579905		Cooler Temperature(s) °C and Other Remarks:			

IR 9.1°C 12.1°C

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-220956-1

Login Number: 220956
List Number: 1
Creator: Yeager, Brian A

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.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-220956-1

Login Number: 220956
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 06/20/24 11:25 AM

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	2579905
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	1.7/2.1°C IR9
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 2024 sampling event for Ithaca Court Street Site included the collection of 8 groundwater, one field duplicate 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 9012B. 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.

One data package 480-220956 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 are presented below**.**

The findings of the validation process are presented below.

- The percent recovery (%R) was above quality control (QC) limit in matrix spike (MS) duplicate for benzene and the relative percent difference (RPD) was also above the QC limit in the MS/MS duplicate associated with all samples. Benzene was qualified as estimate (J) in sample MW-23S, MW-46S, MW-48S, and DUP-1.
- The %R was below the QC limit in the laboratory control sample (LCS) for chrysene associated with samples MW-C11, MW-C12, MW-C16, MW-13S, and MW-22S. Chrysene was qualified as an estimated limit (UJ) in associated samples.
- The RPD was above the QC limit in the laboratory control sample (LCS)/LCS duplicate for dibenz(a,h)anthracene and was qualified as estimated (J) for samples MW-23S and MW-46S.
- Sample MW-23S was field duplicated and labeled DUP-1. Naphthalene was qualified as estimated (J) in samples MW-23S and DUP-1.

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:	5811-06B
Sample Date(s):	June 17-18, 2024
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 by SW846 9012B
Laboratory Report No:	480-220956 Date: 6/28/2024

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:480-220956
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-220956-1	6/17/2024		X	X			X
MW-C12	480-220956-2	6/17/2024		X	X			X
MW-C16	480-220956-3	6/17/2024		X	X			X
MW-13S	480-220956-4	6/17/2024		X	X			X
MW-22S	480-220956-5	6/18/2024		X	X			X
MW-23S	480-220956-6	6/18/2024		X	X			X
MW-46S	480-220956-7	6/18/2024		X	X			X
MW-48S	480-220956-8	6/18/2024		X	X			X
DUP-1	480-220956-9	6/18/2024	MW-23S	X	X			X
TRIP BLANK	480-220956-10	6/18/2024		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:
The performance was acceptable except the following:

4-5. The %R was above QC limit in MSD for benzene and the RPD was also above the QC limit in the MS/MSD associated with all samples. Benzene was qualified as estimate (J) in sample MW-23S, MW-46S, MW-48S, and DUP-1.

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:
The performance was acceptable, except the following:

6. The %R was below the QC limit in the LCS for chrysene associated with samples MW-C11, MW-C12, MW-C16, MW-13S, and MW-22S. Chrysene was qualified as an estimated limit (UJ) in associated samples.

   The RPD was above the QC limit in the LCS/LCS duplicate for dibenz(a,h)anthracene associated with samples MW-23S, MW-46S, MW-48S, and DUP-1. Dibenz(a,h)anthracene was qualified as estimated (J) for samples MW-23S and MW-46S.

7. The %R was below the QC limit for 2-fluorobiphenyl in sample MW-C11. The associated compounds were not detected therefore qualification of the data was not necessary.

13. Sample MW-23S was field duplicated and labeled DUP-1. Naphthalene was qualified as estimated (J) in samples MW-23S and DUP-1.

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
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:
The performance was acceptable.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION AND QUALIFICATION SUMMARY **Laboratory Numbers: 480-220956**

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
MW-23S, MW-46S, MW-48S, and DUP-1	Benzene	J	The %R was above QC limit in MSD and the RPD was also above the QC limit in the MS/MSD
SVOCs			
MW-C11, MW-C12, MW-C16, MW-13S, and MW-22S	Chrysene	UJ	The %R was below the QC limit in the LCS
MW-23S and MW-46S	Dibenz(a,h)anthracene	J	The RPD was above the QC limit in the LCS/LCS duplicate
MW-23S and DUP-1	Naphthalene	J	Field duplicated results
General Chemistry			
No qualification of the data was necessary			

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/24/2024
VALIDATION PERFORMED BY SIGNATURE:	