D&B ENGINEERS AND ARCHITECTS

5879 Fisher Road, East Syracuse, New York 13057
315-437-1142 • www.db-eng.com

Principals

Steven A. Fangmann, P.E., BCEE, *President & Chairman*
William D. Merklin, P.E., *Executive Vice President*
Robert L. Raab, P.E., BCEE, CCM, *Senior Vice President*
Joseph H. Marturano, *Senior Vice President*

February 16, 2024

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

Re: Quarterly Groundwater Monitoring Report – 2023 Q4
Ithaca Court Street Former MGP Site (NYSDEC Site No. 755008)
Ithaca, New York
D&B No. 5811

Dear Mr. Wolfe:

On behalf of New York State Electric & Gas Corporation (NYSEG), D&B Engineers and Architects, DPC (D&B) is submitting this letter report to summarize the 2023 Quarter 4 (Q4) 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 Q4 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 Q4 GME are presented below.

2023 Q4 Groundwater Sampling Event Summary

The Q4 GME was conducted by D&B on December 4, 2023 and December 5, 2023 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).

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 – 4th Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide**. During the well gauging, D&B also assessed each well for the presence of nonaqueous phase liquid (NAPL) utilizing an oil/water interface probe. NAPL was not detected within any of the wells during the well gauging. However, it should be noted that tar-like staining was observed on the oil/water interface probe and tape when removed from monitoring well MW-46S. A slight gasoline-like odor was observed at monitoring wells MW-C16, 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, 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 – 4th Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide** for a Site Plan depicting analytical results for all wells sampled as part of this GME.

BTEX

Detectable concentrations of BTEX compounds were identified in 4 of the 8 groundwater monitoring wells, including MW-C12, MW-23S, MW-46S, and MW-48S. The highest concentration of total BTEX of 1,200D ug/l was detected at MW-46S. The sample collected from MW-C12 exhibited the next highest concentration of total BTEX of 69 ug/l, followed MW-48S at 55 ug/l and MW-23S at 21 ug/l. VOCs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, 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-C12, MW-46S, and MW-48S), ranging in concentration from 14 ug/l at MW-C12 to 580DJ 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 four groundwater monitoring wells (MW-C12, MW-23S, MW-46S, and MW-48S), ranging in concentration from 11 ug/l at MW-23S and MW-48S to 430 ug/l at MW-46S.

- Total xylene was detected above the Class GA groundwater standards of 5 ug/l in four groundwater monitoring wells (MW-C12, MW-23S, MW-46S, and MW-48S), ranging in concentration from 9.6 ug/l at MW-23S to 130 ug/l at MW-46S.

PAHs

Detectable concentrations of PAHs were identified in six of the eight groundwater monitoring wells, including MW-C12, MW-C16, MW-22S, 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 268.41 ug/l was detected at MW-46S. The sample collected from MW-C12 exhibited the next highest concentration of total PAHs of 113.60 ug/l, followed in decreasing order by MW-48S, MW-C16, MW-23S and MW-22S. PAHs were detected at concentrations above Class GA groundwater standards and guidance values at wells MW-C12, MW-C16, MW-22S, MW-23S, MW-46S and MW-48S as follows:

- Benzo(a)anthracene was detected above the Class GA groundwater standard of 0.002 ug/l in five groundwater monitoring wells (MW-C16, MW-22S, MW-23S, MW-46S, and MW-48S) at concentrations ranging from 0.03J ug/l at MW-C16 to 4 ug/l at MW-46S.

- Benzo(a)pyrene was detected above the Class GA groundwater standard of 0 ug/l in three groundwater monitoring wells (MW-C16, MW-22S, MW-46S) at concentrations ranging from 0.24J ug/l at MW-C16 to 4.5J ug/l at MW-46S.

- Benzo(b)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in three groundwater monitoring wells (MW-C16, MW-22S, MW-46S) at concentrations ranging from 0.031J ug/l at MW-C16 to 2.7 ug/l at MW-46S.

- Benzo(k)fluoranthene was detected above the Class GA groundwater standard of 0.002 ug/l in two groundwater monitoring wells (MW-22S, MW-46S) at concentrations of 0.035 ug/l and 1 ug/l, respectively.

- Indeno(1,2,3-cd)pyrene was detected above the Class GA groundwater standard of 0.002 ug/l in two groundwater monitoring wells (MW-22S, MW-46S) at a concentrations of 0.039J ug/l and 1.3 ug/l, respectively.

- Acenaphthene was detected above the Class GA groundwater standard of 20 ug/l in three groundwater monitoring wells (MW-C12, MW-46S, MW-48S) at concentrations ranging from 21 ug/l at MW-48S to 97 ug/l at MW-C12.

- Naphthalene was detected above the Class GA groundwater standard of 10 ug/l in two groundwater monitoring wells (MW-46S, MW-48S) at concentrations of 180 ug/l and 27 ug/l, respectively.

Total Cyanide

Detectable concentrations of total cyanide were identified in one of the eight groundwater monitoring wells. At monitoring well MW-22S, cyanide was detected above the Class GA groundwater standard of 0.2 mg/l at a concentration of 0.96J ug/l.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater data for the Fourth Quarter 2023 samples collected in December 2023 is consistent with the results from previous groundwater monitoring events, with the exception of elevated concentrations of BTEX compounds observed at MW-C12 and MW-46S and elevated concentrations of PAHs observed at MW-46S. The highest BTEX and PAH concentrations were detected in MW-46S with a total BTEX concentration of 1,200D ug/l and total PAH concentrations of 268.41 ug/l. Six of the eight monitoring wells exhibited one or more targeted compounds at concentrations above respective Class GA groundwater standards and guidance values.

At this time, it is recommended that the long-term groundwater monitoring program continue to be implemented in accordance with the SMP to collect additional data and assess future trends. In accordance

with the SMP, the scope of the 2024 First Quarter GME includes the collection of groundwater samples from eight existing groundwater monitoring wells that will be conducted in March 2023.

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

Very truly yours,

Gunther J. Schnorr
Senior Engineer

GJSt/cf
Cc: Levia Terrell; NYSEG
Tracy Blazicek, CHMM, PMP; NYSEG
Frank DeVita: D&B
Thomas P. Fox, P.G.: D&B
♦5811\GJS020624OW_Ltr_Q4 Report

TABLES

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

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – 4th Quarter 2023 Groundwater Analytical Exceedances BTEX, PAHs, Cyanide

ATTACHMENTS

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

TABLES

TABLE 1 - GROUNDWATER MONITORING WELL OBSERVATIONS

2023 Q4 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	17.14	5.29	385.41	N	Annualar space filled with water over J-plug (removed over 1 gallon). One of two treaded flanges missing (one bolt barely secures cover). Swamp-like odor. Spongy bottom.
MW-C12	890298.78	841607.74	391.95	391.75	17.21	5.91	385.84	N	Good condition. Hard bottom.
MW-C16	890373.63	841591.99	391.05	390.86	15.90	4.88	385.98	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. Petroleum-like odor.
MW-13S	889938.16	842147.41	396.23	395.95	14.35	6.69	389.26	N	Good condition. Hard bottom.
MW-22S	890169.03	840759.18	387.07	386.70	13.57	3.50	383.20	N	Good condition. Located in flower bed west of driveway. Hard bottom.
MW-23S	890569.18	840821.52	387.49	386.99	13.63	6.31	380.68	N	Two of three threaded flanges missing (one bolt secures cover). Slight gasoline-like odor.
MW-46S	890067.01	840841.212	387.50	387.17	16.81	4.03	383.14	N	Good condition. Tar-like staining on interface probe and tape. Slight gasoline-like odor. Spongy bottom.
MW-48S	890217.75	840831.85	387.08	386.87	13.43	3.71	383.16	N	Good condition. Slight gasoline-like odor. Spongy bottom.

Notes:
1. Total well depth and depth to water were measured during synoptic round conducted on December 4, 2023.
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

2023 Q4 GROUNDWATER MONITORING EVENT
ITHACA COURT STREET FORMER MGP SITE (NYSDEC SITE NO. 755008)
ITHACA, NEW YORK

Well ID	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Disolved Oxygen (DO) (mg/L)	Oxidation Reduction Potential (ORP) (mV)
MW-C11	6.99	15.06	2.20	2.7	0.49	-69
MW-C12	7.21	15.23	1.66	0.0	0.47	-115
MW-C16	7.01	15.74	2.38	1.0	0.77	-150
MW-13S	6.94	15.52	1.86	1.6	0.49	-37
MW-22S	6.69	13.64	0.742	0.0	2.41	262
MW-23S	6.71	13.39	0.585	0.0	1.05	21
MW-46S	6.98	14.06	0.832	2.1	0.06	-97
MW-48S	7.18	14.11	2.54	0.0	0.43	-112

Notes:

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

Abbreviations:

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

TABLE 3
Ithaca Court Street
Fourth Quarter 2023 Groundwater Samples
BTEX, PAHs, and Cyanide

	Sample ID Sampling Date	MW-C11 12/4/2023	MW-C12 12/4/2023	MW-C16 12/4/2023	MW-13S 12/4/2023	MW-22S 12/4/2023	MW-23S 12/5/2023	MW-46S 12/5/2023	DUP 12/5/2023	MW-48S 12/5/2023
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) in ug/l	TOGS Class GA Groundwater Standards									
Benzene	1	0.41 U	**14**	2.1 U	0.41 U	0.41 U	0.82 U	**580 DJ**	**540 DJ**	**26**
Toluene	5	0.51 U	1.5	2.6 U	0.51 U	0.51 U	1 U	4.7 J	4.3 J	0.51 U
Ethylbenzene	5	0.74 U	**40**	3.7 U	0.74 U	0.74 U	**11**	**430**	**450**	**11**
M,P-Xylenes	5	0.66 U	1 J	3.3 U	0.66 U	0.66 U	2 J	**33**	**32**	4.4
O-Xylene	5	0.76 U	**12**	3.8 U	0.76 U	0.76 U	**7.6**	**100**	**110**	**14**
Xylenes	5	0.66 U	**13**	3.3 U	0.66 U	0.66 U	**9.6**	**130**	**140**	**18**
BTEX	--	1 U	69	5 U	1 U	1 U	21	1200 D	1100 DJ	55
Semivolatile Organic Compounds in ug/l										
Benzo(a)anthracene	0.002	0.016 U	0.016 U	**0.048 J**	0.016 U	**0.041 J**	**0.03 J**	**4**	**4.5**	**0.043 J**
Benzo(a)pyrene	ND	0.022 U	0.022 U	**0.024 J**	0.022 U	**0.026 J**	0.022 U	**4.5 J**	**5 J**	0.022 U
Benzo(b)fluoranthene	0.002	0.024 U	0.024 U	**0.031 J**	0.024 U	**0.034 J**	0.024 U	**2.7**	**3.1**	0.024 U
Benzo(ghi)perylene	--	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	1.4	1.6	0.035 U
Benzo(k)fluoranthene	0.002	0.028 U	0.028 U	0.028 U	0.028 U	**0.035 J**	0.028 U	**1**	**1.1**	0.028 U
Dibenzo(a,h)anthracene	--	0.02 U	0.02 U	0.02 J	0.02 U	0.035 J	0.02 U	0.51	0.59	0.02 U
Indeno(1,2,3-cd)pyrene	0.002	0.036 U	0.036 U	0.036 U	0.036 U	**0.039 J**	0.036 U	**1.3**	**1.6**	0.036 U
Acenaphthene	20	1.1 U	**97**	10	1.1 U	1.1 U	4.8 J	**46 J**	**47 J**	**21**
Acenaphthylene	--	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	4.1 U	4.2 J	0.82 U
Anthracene	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U	6.5 U	1.3 U
Chrysene	0.002	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	4.5 U	4.5 U	0.91 U
Fluoranthene	50	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	4.2 U	4.2 U	0.84 U
Fluorene	50	0.91 U	14	0.91 U	0.91 U	0.91 U	0.91 U	14 J	14 J	2.3 J
Naphthalene	10	0.54 U	2.6	0.54 U	0.54 U	0.54 U	0.54 U	**180**	**190**	**27**
Phenanthrene	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	13 J	14 J	2.8 J
Pyrene	50	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	8.2 U	8.2 U	1.6 U
Cyanide in mg/l	0.2	0.011 UBJ	0.016 UBJ	0.01 UBJ	0.01 UBJ	**0.96 J**	0.01 UBJ	0.01 UBJ	0.01 UBJ	0.01 UBJ

Footnotes/Qualifiers:

ug/l: Micrograms per liter
mg/l: Milligrams per liter
U: Analyzed but not detected
J: Estimated value or limit
B: Analyte was detected in the laboratory method blank
D: Result was reported from a secondary dilution
--: No limit
Exceeded TOGs GW standard

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

F:\5811\dwg\5811-FIG-1.dwg, Layout1, 8/1/2023 8:47:49 AM, zkaplan

LEGEND:

OU1 AREA

OU2 AREA

NOTES:

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

OU-2

OU-2

OU-2

SITE

OU-1

CASCADILLA STREET

ESTY STREET

WEST COURT STREET

NORTH FULTON STREET

MEADOW STREET

NORTH MEADOW STREET

PARK PLACE

WASHINGTON STREET

NORTH PLAIN STREET

FIFTH STREET

MADISON STREET

FOURTH STREET

D&B ENGINEERS AND ARCHITECTS

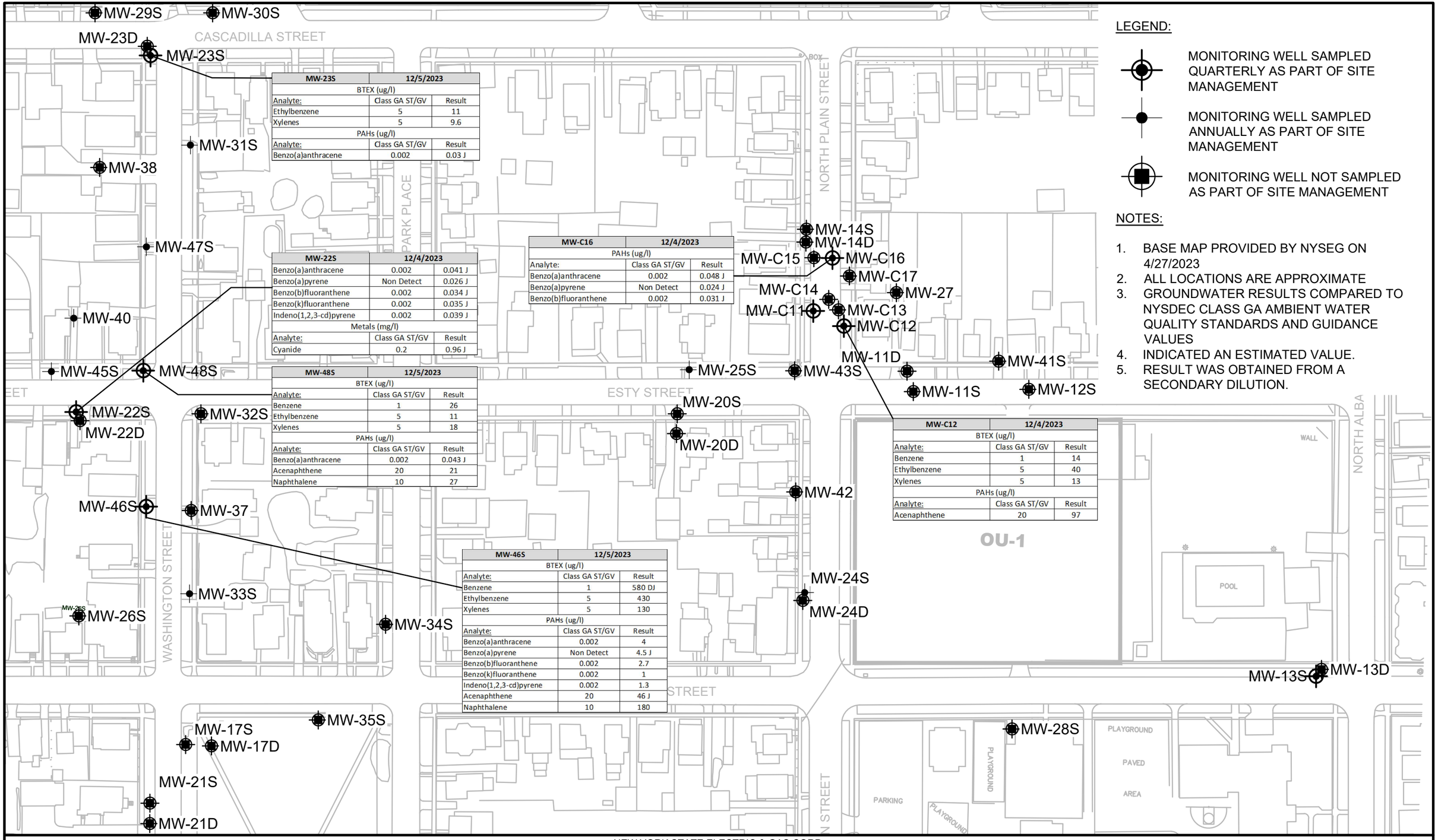
NEW YORK STATE ELECTRIC & GAS CORP.
ITHACA COURT STREET FORMER MGP SITE
ITHACA, NEW YORK

SITE PLAN

SCALE: N.T.S.

FIGURE 2

F:\58111\dwg\58111-FIG-2.dwg, Layout1, 8/1/2023 8:43:25 AM, zkaplan



MW-23S	12/5/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Ethylbenzene	5	11
Xylenes	5	9.6
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.03 J

MW-22S	12/4/2023	
Benzo(a)anthracene	0.002	0.041 J
Benzo(a)pyrene	Non Detect	0.026 J
Benzo(b)fluoranthene	0.002	0.034 J
Benzo(k)fluoranthene	0.002	0.035 J
Indeno(1,2,3-cd)pyrene	0.002	0.039 J
Metals (mg/l)		
Analyte:	Class GA ST/GV	Result
Cyanide	0.2	0.96 J

MW-48S	12/5/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	26
Ethylbenzene	5	11
Xylenes	5	18
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.043 J
Acenaphthene	20	21
Naphthalene	10	27

MW-C16	12/4/2023	
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	0.048 J
Benzo(a)pyrene	Non Detect	0.024 J
Benzo(b)fluoranthene	0.002	0.031 J

MW-C12	12/4/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	14
Ethylbenzene	5	40
Xylenes	5	13
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Acenaphthene	20	97

MW-46S	12/5/2023	
BTEX (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzene	1	580 DJ
Ethylbenzene	5	430
Xylenes	5	130
PAHs (ug/l)		
Analyte:	Class GA ST/GV	Result
Benzo(a)anthracene	0.002	4
Benzo(a)pyrene	Non Detect	4.5 J
Benzo(b)fluoranthene	0.002	2.7
Benzo(k)fluoranthene	0.002	1
Indeno(1,2,3-cd)pyrene	0.002	1.3
Acenaphthene	20	46 J
Naphthalene	10	180

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. INDICATED AN ESTIMATED VALUE.
5. RESULT WAS OBTAINED FROM A SECONDARY DILUTION.

D&B ENGINEERS AND ARCHITECTS

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

SCALE: N.T.S.

4TH QUARTER 2023 GROUNDWATER ANALYTICAL EXCEEDANCES BTEX, PAHs, CYANIDE

FIGURE 3

F:\5811\dwg\5811-FIG-3.dwg, Layout 1, 2/6/2024 10:58:20 AM, kalesius

ATTACHMENTS

ATTACHMENT A

Groundwater Sampling Records

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) DATE 12/4/2023
Ithaca, New York

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 5.29
Depth of Well (feet from top of casing/riser)..... 17.14

Depth to ___/___ of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	ft. of water x 0.04 =		gallons
2 in. casing:	11.85 ft. of water x 0.16 =	1.90	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]
11:00	~150	5.85	7.06	15.14	5.18	67.0	9.92	-123
1105		5.93	6.98	15.09	2.34	39.9	1.36	-49
1110		5.90	6.97	15.04	2.23	19.5	1.01	-48
1115		5.97	6.98	15.10	2.20	9.2	0.68	-60
1120		5.99	6.99	15.11	2.19	5.1	0.57	-66
1125		6.01	6.99	15.06	2.20	2.7	0.49	-69
1130								
1135								
1140								
1145								

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

Sampling
Time of Sample Collection: 1125

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* Pumped 1 1/2 gallon from annular space (above J-Plug) 1 of 2 tabs present.
Weather/Temperature: 41°F, Overcast, w 5-10 kt of west
Sample description: Clear
Free Product? yes ___ no X describe ___
Sheen? yes ___ no X describe ___
Odor? yes Y no ___ describe Slight Swamp like odor, sweet.
* 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 12/4/23

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

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser)..... 5.91
Depth of Well (feet from top of casing/riser)..... 17.21
Depth to / 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:	11.3 ft. of water x 0.16 =	1.81	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]
1150		6.21	7.08	14.93	2.25	1.3	6.47	-119
1155		6.32	7.06	15.11	2.04	0.0	1.54	-109
1200		6.41	7.11	15.26	1.78	0.0	0.84	-106
1205		6.42	7.17	15.30	1.69	0.0	0.69	-110
1210		6.42	7.19	15.26	1.66	0.0	0.61	-112
1215		6.42	7.21	15.23	1.66	0.0	0.47	-115
1220								

Purge Volume: Purging Time:
Purge Rate (gph): 2.14 gph

Sampling

Time of Sample Collection: 1215

Method:

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

Analyses:

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

Observations

Well Observations: Good: (Yes) / No*
Weather/Temperature: ±12°F, Overcast, wind 5-15mph out of west
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 12/4/2023

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 4.88
Depth of Well (feet from top of casing/riser) 15.90
Depth to ___/___ of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	___ ft. of water x 0.04 =	___	gallons
2 in. casing:	11.02 ft. of water x 0.16 =	1.76	gallons
3 in. casing:	___ ft. of water x 0.37 =	___	gallons
4 in. casing:	___ ft. of water x 0.65 =	___	gallons
5 in. casing:	___ ft. of water x 1.02 =	___	gallons
6 in. casing:	___ ft. of water x 1.47 =	___	gallons

volume of water removed: 1.75 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]	
0935	~150	5.55	6.85	14.42	1.85	23.14	15.25	-146	
0940		6.31	6.85	14.61	1.85	15.21	14.83	-146	
0945		7.10	6.85	15.02	1.89	4.56	4.50	-145	
0950		7.80	6.90	15.28	1.96	2.37	2.39	-151	1.68
0955		8.27	6.94	15.39	1.98	24.9	4.9	-153	
1000		8.31	6.96	15.72	2.11	3.6	1.27	-152	
1005		8.51	6.95	16.31	2.13	3.3	1.22	-150	
1010		8.61	6.99	15.68	2.24	1.6	1.39	-150	Humbug shut down
1015		8.87	7.00	15.78	2.34	1.2	0.86	-151	
1020		9.01	7.01	15.77	2.36	1.1	0.81	-151	
1025		9.18	7.01	15.74	2.38	1.0	0.77	-150	

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

Sampling

Time of Sample Collection: 1025

Method:

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

Analyses:

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

Observations

Well Observations: Good: Yes / No* Water over J-Plug, Concrete Pad Cracked, 2 of 3 flags stripped.
Weather/Temperature: 41°F, Sunny, wind 5-10 from West
Sample description: Clear
Free Product? yes ___ no X describe ___
Sheen? yes ___ no X describe ___
Odor? yes X no ___ describe Slight Swamplike / petroleum-like odor.

* If No, fill out Monitoring Well Field Inspection Log

D&B ENGINEERS AND ARCHITECTS

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/4/23

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser)..... 6.69
Depth of Well (feet from top of casing/riser)..... 14.35
Depth to ___/___ 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:	7.66 ft. of water x 0.16 =	1.23	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]
* 1315	~150	6.70	7.04	15.12	1.84	0.0	4.39	-107
1330 ~~1320~~		6.73	6.99	14.78	1.75	28.9	5.26	-50 *
1335 ~~1325~~		6.73	6.96	15.12	1.77	12.7	1.16	-51
1340 ~~1330~~		6.73	6.95	15.12	1.80	~~11~~ 89.2	0.83	-48
1345 ~~1335~~		6.73	6.95	15.30	1.83	4.8	0.65	-43
1350 ~~1340~~		6.73	6.95	15.45	1.85	2.0	0.53	-39
1345		6.73	6.94	15.52	1.86	1.6	0.49	-37

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

* Particulates observed in tubing @ initial pump. Turbidity >1000 Shut off & Cleared Cell.

Sampling
Time of Sample Collection: 1345

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

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

Observations
Well Observations: Good: (Yes) / No*
Weather/Temperature: 42°F, Rain 10-70 Mph out of West
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 12/4/23

WELL ID: MW-22S

SAMPLERS: GJS

Time On-site: _____ Time Off-site: _____

Initial static water level (feet from top of casing/riser) 3.50
Depth of Well (feet from top of casing/riser) 13.57

Depth to ___ / ___ of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	___ ft. of water x 0.04 =	___	gallons
2 in. casing:	10.07 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 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]
1425		3.60	6.77	13.35	0.757	2.4	10.26	242
1430		3.67	6.69	13.52	0.748	0.0	3.11	254
1435		3.73	6.69	13.57	0.745	0.0	2.36	256
1440		3.79	6.69	13.63	0.743	0.0	2.37	258
1445		3.82	6.69	13.64	0.742	0.0	2.41	262
1450								
1455								
1500								

Purge Volume: Purging Time:
Purge Rate (gph): 2.45ph

Sampling
Time of Sample Collection: 1445

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

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

Observations
Well Observations: Good: (Yes) / No*
Weather/Temperature: Partly Sunny, Overcast Rain
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

0

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Ithaca Court Street Former MGP Site (755008) Ithaca, New York DATE 12/5/2023

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

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 6.31
Depth of Well (feet from top of casing/riser) 13.63
Depth to ___/___ 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:	7.32 ft. of water x 0.16 =	1.17	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]
0830		6.40	6.77	12.35	0.613	5.3	32	31
0835		6.40	6.68	13.38	0.607	6.0	2.87	27
0840		6.38	6.70	13.57	0.602	5.0	1.77	23
0845		6.40	6.70	13.56	0.593	3.4	1.47	27
0850		6.40	6.71	13.51	0.590	1.0	1.32	25
0855		6.40	6.71	13.43	0.587	0.0	1.17	23
0900		6.40	6.71	13.37	0.584	0.0	1.08	23
0905		6.40	6.71	13.39	0.585	0.0	1.05	21

Purge Volume: Purging Time:
Purge Rate (gph): 2.6 gph

Sampling
Time of Sample Collection: 0905

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* missing 2 of 3 threaded tabs
Weather/Temperature: 31°F, overcast, wind 5 to 7 out of West
Sample description: Clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe slight gasoline-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 12/5/23

WELL ID: MW-465 Time On-site: Time Off-site:

SAMPLERS: GTS

Initial static water level (feet from top of casing/riser) 4.03
Depth of Well (feet from top of casing/riser) 16.81
Depth to ___/___ of screen (top / bottom)

Purging Method

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

Well Volume Calculation:

1 in casing	___ ft. of water x 0.04 =	___	gallons
2 in. casing:	12.78 ft. of water x 0.16 =	2.05	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]
1045	450	4.28	7.07	13.31	0.836	0.8	7.58	-83
1050		4.31	6.99	13.75	0.827	3.8	2.01	-87
1055		4.35	6.99	13.94	0.823	3.0	0.30	-93
1100		4.43	6.98	14.02	0.833	1.9	0.11	-96
1105		4.50	6.98	14.06	0.832	2.1	0.00	-97
1110								

Purge Volume: Purging Time:
Purge Rate (gph): 24gph

Dup-1-20231205 Collected Here

Sampling

Time of Sample Collection: 1105

Method:

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

Analyses:

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

Observations

Well Observations: Good: (Yes) / No*
Weather/Temperature: 32°F, Overcast, wind 5-10 mph from West
Sample description: Clear
Free Product? yes ___ no X describe ___
Sheen? yes ___ no X describe ___
Odor? yes X no ___ describe Slight gasoline-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 12/5/23

WELL ID: MW-485 Time On-site: Time Off-site:

SAMPLERS: GJS

Initial static water level (feet from top of casing/riser) 3.71
Depth of Well (feet from top of casing/riser) 13.43
Depth to ___/___ 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:	9.72	ft. of water x 0.16 =	1.56	gallons
3 in. casing:		ft. of water x 0.37 =		gallons
4 in. casing:		ft. of water x 0.65 =		gallons
5 in. casing:		ft. of water x 1.02 =		gallons
6 in. casing:		ft. of water x 1.47 =		gallons

volume of water removed: 1 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]
0935	~150	3.85	7.13	13.23	2.49	0.9	15.17	-95
0940		3.86	7.15	13.65	2.49	1.5	2.06	-104
0945		3.88	7.17	13.92	2.51	0.3	0.82	-108
0950		3.90	7.18	14.10	2.51	0.0	0.56	-110
0955		3.91	7.18	14.10	2.52	0.0	0.53	-111
1000		3.91	7.18	14.11	2.54	0.0	0.43	-112
1005								

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

MW-485_20231205
+MS/MSD

Sampling
Time of Sample Collection: 1000

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

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

Observations
Well Observations: Good: (Yes) No*
Weather/Temperature: Sunny overcast 5-15 mph west
Sample description: clear
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes X no ___ describe slight gasoline-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

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

Generated 12/14/2023 12:03 PM

JOB DESCRIPTION

NYSEG - Court Street OMM

JOB NUMBER

480-215449-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

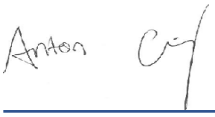
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
12/14/2023 12:03 PM

Authorized for release by
Anton T Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
John R Schove, Project Manager II
John.Schove@et.eurofinsus.com
716 504-9838

Table of Contents

Cover Page 1
Data Summaries 5
Report Narrative 5
Sample Summary 6
Detection Summary 7
Method Summary 10
Client Sample Results 11
Surrogate Summary 21
QC Sample Results 23
Definitions 30
QC Association 32
Chronicle 35
Certification Summary 38
Organic Sample Data 39
GC/MS VOA 39
Method 8260C 39
Method 8260C QC Summary 40
Method 8260C Sample Data 55
Standards Data 134
Method 8260C ICAL Data 134
Method 8260C CCAL Data 298
Raw QC Data 331
Method 8260C Tune Data 331
Method 8260C Blank Data 344
Method 8260C LCS/LCSD Data 358
Method 8260C MS/MSD Data 370
Method 8260C Run Logs 386
Method 8260C Prep Data 389
GC/MS Semi VOA 394
8270E 394
8270E QC Summary 395
8270E Sample Data 406
Standards Data 462
8270E ICAL Data 462
8270E CCAL Data 619
Raw QC Data 633
8270E Tune Data 633
8270E Blank Data 642
8270E LCS/LCSD Data 646
8270E MS/MSD Data 658
8270E Run Logs 670

Table of Contents

8270E Prep Data 672
8270E_SIM 676
8270E_SIM QC Summary 677
8270E_SIM Sample Data 690
Standards Data 786
8270E_SIM ICAL Data 786
8270E_SIM CCAL Data 894
Raw QC Data 910
8270E_SIM Tune Data 910
8270E_SIM Blank Data 928
8270E_SIM LCS/LCSD Data 936
8270E_SIM Run Logs 946
8270E_SIM Prep Data 950
Inorganic Sample Data 956
General Chemistry Data 956
Gen Chem Cover Page 957
Gen Chem Sample Data 958
Gen Chem QC Data 967
Gen Chem ICV/CCV 967
Gen Chem Blanks 969
Gen Chem MS/MSD/PDS 970
Gen Chem LCS/LCSD 972
Gen Chem MDL 974
Gen Chem Analysis Run Log 976
Gen Chem Raw Data 981
Gen Chem Prep Data 994
Subcontracted Data 998
Shipping and Receiving Documents 999
Client Chain of Custody 1000
Sample Receipt Checklist 1003

Job Narrative
480-215449-1

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 12/6/2023 12:00 PM. 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 2.4°C and 2.8°C

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-46S_20231205 (480-215449-7) and DUP-1_202312 (480-215449-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-C16_20231204 (480-215449-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted due to the nature of the sample matrix: MW-23S_20231205 (480-215449-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-46S_20231205 (480-215449-7), DUP-1_202312 (480-215449-9), (480-215449-E-7 MS) and (480-215449-E-7 MSD). 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: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-46S_20231205 (480-215449-7) and DUP-1_202312 (480-215449-9). Elevated reporting limits (RLs) are provided.

Method 8270E_SIM: The laboratory control sample duplicate (LCSD) for preparation batch 460-949013 and analytical batch 460-949034 recovered outside control limits for the following analytes: Benzo[a]pyrene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

General Chemistry
Method 9012B_NP: The continuing calibration blank (CCB) for analytical batch 480-694593 contained Cyanide, Total above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.MW-46S_20231205 (480-215449-7), MW-48S_20231205 (480-215449-8) and DUP-1_202312 (480-215449-9)

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: 480-215449-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-215449-1	MW-C11_20231204	Water	12/04/23 11:25	12/06/23 12:00
480-215449-2	MW-C12_20231204	Water	12/04/23 12:15	12/06/23 12:00
480-215449-3	MW-C16_20231204	Water	12/04/23 10:25	12/06/23 12:00
480-215449-4	MW-13S_20231204	Water	12/04/23 13:45	12/06/23 12:00
480-215449-5	MW-22S_20231204	Water	12/04/23 14:45	12/06/23 12:00
480-215449-6	MW-23S_20231205	Water	12/05/23 09:05	12/06/23 12:00
480-215449-7	MW-46S_20231205	Water	12/05/23 11:05	12/06/23 12:00
480-215449-8	MW-48S_20231205	Water	12/05/23 10:00	12/06/23 12:00
480-215449-9	DUP-1_202312	Water	12/05/23 00:00	12/06/23 12:00
480-215449-10	TRIP BLANK	Water	12/05/23 00:00	12/06/23 12:00

Detection Summary

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

Job ID: 480-215449-1

Client Sample ID: MW-C11_20231204 — Lab Sample ID: 480-215449-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.011	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C12_20231204 — Lab Sample ID: 480-215449-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	14		1.0	0.41	ug/L	1		8260C	Total/NA
Toluene	1.5		1.0	0.51	ug/L	1		8260C	Total/NA
Ethylbenzene	40		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	1.0	J	2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	12		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	69		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	97		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	14		10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	2.6		2.0	0.54	ug/L	1		8270E	Total/NA
Cyanide, Total	0.016	B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-C16_20231204 — Lab Sample ID: 480-215449-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.048	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.024	J *+	0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.031	J	0.050	0.024	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.020	J	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Acenaphthene	10		10	1.1	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0074	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-13S_20231204 — Lab Sample ID: 480-215449-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0049	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-22S_20231204 — Lab Sample ID: 480-215449-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.041	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	0.026	J *+	0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	0.034	J	0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	0.035	J	0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.035	J	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.039	J	0.050	0.036	ug/L	1		8270E SIM	Total/NA
Cyanide, Total	0.96		0.050	0.021	mg/L	5		9012B	Total/NA

Client Sample ID: MW-23S_20231205 — Lab Sample ID: 480-215449-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	11		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	2.0	J	4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	7.6		2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	9.6		4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	21		4.0	2.0	ug/L	2		8260C	Total/NA
Benzo[a]anthracene	0.030	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	4.8	J	10	1.1	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-23S_20231205 (Continued) — Lab Sample ID: 480-215449-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0082	J B	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-46S_20231205 — Lab Sample ID: 480-215449-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	500	E	5.0	2.1	ug/L	5		8260C	Total/NA
Toluene	4.7	J	5.0	2.6	ug/L	5		8260C	Total/NA
Ethylbenzene	430		5.0	3.7	ug/L	5		8260C	Total/NA
m-Xylene & p-Xylene	33		10	3.3	ug/L	5		8260C	Total/NA
o-Xylene	100		5.0	3.8	ug/L	5		8260C	Total/NA
Xylenes, Total	130		10	3.3	ug/L	5		8260C	Total/NA
Total BTEX	1100	E	10	5.0	ug/L	5		8260C	Total/NA
Benzene - DL	580	F1	10	4.1	ug/L	10		8260C	Total/NA
Toluene - DL	5.1	J	10	5.1	ug/L	10		8260C	Total/NA
Ethylbenzene - DL	450	F1	10	7.4	ug/L	10		8260C	Total/NA
m-Xylene & p-Xylene - DL	35		20	6.6	ug/L	10		8260C	Total/NA
o-Xylene - DL	100		10	7.6	ug/L	10		8260C	Total/NA
Xylenes, Total - DL	140		20	6.6	ug/L	10		8260C	Total/NA
Total BTEX - DL	1200		20	10	ug/L	10		8260C	Total/NA
Benzo[a]anthracene	4.0		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	4.5	*+	0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	2.7		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	1.4		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	1.0		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.51		0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	1.3		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	46	J	50	5.4	ug/L	5		8270E	Total/NA
Fluorene	14	J	50	4.6	ug/L	5		8270E	Total/NA
Naphthalene	180		10	2.7	ug/L	5		8270E	Total/NA
Phenanthrene	13	J	50	6.4	ug/L	5		8270E	Total/NA
Cyanide, Total	0.0048	J B ^2	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-48S_20231205 — Lab Sample ID: 480-215449-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	26		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	11		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	4.4		2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	14		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	55		2.0	1.0	ug/L	1		8260C	Total/NA
Benzo[a]anthracene	0.043	J	0.050	0.016	ug/L	1		8270E SIM	Total/NA
Acenaphthene	21		10	1.1	ug/L	1		8270E	Total/NA
Fluorene	2.3	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	27		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	2.8	J	10	1.3	ug/L	1		8270E	Total/NA
Cyanide, Total	0.0058	J B ^2 F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: DUP-1_202312 — Lab Sample ID: 480-215449-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	520	E	5.0	2.1	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1_202312 (Continued)
Lab Sample ID: 480-215449-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.3	J	5.0	2.6	ug/L	5		8260C	Total/NA
Ethylbenzene	450		5.0	3.7	ug/L	5		8260C	Total/NA
m-Xylene & p-Xylene	32		10	3.3	ug/L	5		8260C	Total/NA
o-Xylene	110		5.0	3.8	ug/L	5		8260C	Total/NA
Xylenes, Total	140		10	3.3	ug/L	5		8260C	Total/NA
Total BTEX	1100	E	10	5.0	ug/L	5		8260C	Total/NA
Benzene - DL	540		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene - DL	440		10	7.4	ug/L	10		8260C	Total/NA
m-Xylene & p-Xylene - DL	33		20	6.6	ug/L	10		8260C	Total/NA
o-Xylene - DL	110		10	7.6	ug/L	10		8260C	Total/NA
Xylenes, Total - DL	140		20	6.6	ug/L	10		8260C	Total/NA
Total BTEX - DL	1100		20	10	ug/L	10		8260C	Total/NA
Benzo[a]anthracene	4.5		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Benzo[a]pyrene	5.0	*+	0.050	0.022	ug/L	1		8270E SIM	Total/NA
Benzo[b]fluoranthene	3.1		0.050	0.024	ug/L	1		8270E SIM	Total/NA
Benzo[g,h,i]perylene	1.6		0.050	0.035	ug/L	1		8270E SIM	Total/NA
Benzo[k]fluoranthene	1.1		0.050	0.028	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.59		0.050	0.020	ug/L	1		8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	1.6		0.050	0.036	ug/L	1		8270E SIM	Total/NA
Acenaphthene	47	J	50	5.4	ug/L	5		8270E	Total/NA
Acenaphthylene	4.2	J	50	4.1	ug/L	5		8270E	Total/NA
Fluorene	14	J	50	4.6	ug/L	5		8270E	Total/NA
Naphthalene	190		10	2.7	ug/L	5		8270E	Total/NA
Phenanthrene	14	J	50	6.4	ug/L	5		8270E	Total/NA
Cyanide, Total	0.0073	J B ^2	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-215449-10

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: 480-215449-1

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

Protocol References:

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

Laboratory References:

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

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

Client Sample ID: MW-C11_20231204

Date Collected: 12/04/23 11:25
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			12/07/23 15:11	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 15:11	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/07/23 15:11	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/07/23 15:11	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/07/23 15:11	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/07/23 15:11	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/07/23 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*12/07/23 15:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*77 - 120*		*12/07/23 15:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*12/07/23 15:11*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*12/07/23 15:11*	*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		12/09/23 10:47	12/11/23 11:30	1
Benzo[a]pyrene	0.050	U *+	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 11:30	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 11:30	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 11:30	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 11:30	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 11:30	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 11:30	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		12/09/23 10:47	12/09/23 20:02	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 20:02	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:02	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 20:02	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 20:02	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 20:02	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 20:02	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:02	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*46 - 139*	*12/09/23 10:47*	*12/09/23 20:02*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*12/09/23 10:47*	*12/09/23 20:02*	*1*
Terphenyl-d14 (Surr)	*98*		*13 - 150*	*12/09/23 10:47*	*12/09/23 20:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.011**	**B**	0.010	0.0041	mg/L			12/07/23 09:16	1

Client Sample ID: MW-C12_20231204

Date Collected: 12/04/23 12:15
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**14**		1.0	0.41	ug/L			12/07/23 15:33	1
Toluene	**1.5**		1.0	0.51	ug/L			12/07/23 15:33	1
Ethylbenzene	**40**		1.0	0.74	ug/L			12/07/23 15:33	1
m-Xylene & p-Xylene	**1.0**	**J**	2.0	0.66	ug/L			12/07/23 15:33	1
o-Xylene	**12**		1.0	0.76	ug/L			12/07/23 15:33	1
Xylenes, Total	**13**		2.0	0.66	ug/L			12/07/23 15:33	1
Total BTEX	**69**		2.0	1.0	ug/L			12/07/23 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/07/23 15:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*12/07/23 15:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/07/23 15:33*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/07/23 15:33*	*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		12/09/23 10:47	12/11/23 11:51	1
Benzo[a]pyrene	0.050	U *+	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 11:51	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 11:51	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 11:51	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 11:51	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 11:51	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**97**		10	1.1	ug/L		12/09/23 10:47	12/09/23 20:23	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 20:23	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:23	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 20:23	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 20:23	1
Fluorene	**14**		10	0.91	ug/L		12/09/23 10:47	12/09/23 20:23	1
Naphthalene	**2.6**		2.0	0.54	ug/L		12/09/23 10:47	12/09/23 20:23	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:23	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*104*		*46 - 139*	*12/09/23 10:47*	*12/09/23 20:23*	*1*
Nitrobenzene-d5 (Surr)	*97*		*51 - 145*	*12/09/23 10:47*	*12/09/23 20:23*	*1*
Terphenyl-d14 (Surr)	*106*		*13 - 150*	*12/09/23 10:47*	*12/09/23 20:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.016**	**B**	0.010	0.0041	mg/L			12/07/23 09:19	1

Client Sample ID: MW-C16_20231204

Date Collected: 12/04/23 10:25
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0	U	5.0	2.1	ug/L			12/07/23 15:55	5
Toluene	5.0	U	5.0	2.6	ug/L			12/07/23 15:55	5
Ethylbenzene	5.0	U	5.0	3.7	ug/L			12/07/23 15:55	5
m-Xylene & p-Xylene	10	U	10	3.3	ug/L			12/07/23 15:55	5
o-Xylene	5.0	U	5.0	3.8	ug/L			12/07/23 15:55	5
Xylenes, Total	10	U	10	3.3	ug/L			12/07/23 15:55	5
Total BTEX	10	U	10	5.0	ug/L			12/07/23 15:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/07/23 15:55*	*5*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/07/23 15:55*	*5*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/07/23 15:55*	*5*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*12/07/23 15:55*	*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	**0.048**	**J**	0.050	0.016	ug/L		12/09/23 10:47	12/11/23 12:12	1
Benzo[a]pyrene	**0.024**	**J *+**	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 12:12	1
Benzo[b]fluoranthene	**0.031**	**J**	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 12:12	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 12:12	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 12:12	1
Dibenz(a,h)anthracene	**0.020**	**J**	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 12:12	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**10**		10	1.1	ug/L		12/09/23 10:47	12/09/23 20:44	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 20:44	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:44	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 20:44	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 20:44	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 20:44	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 20:44	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 20:44	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*46 - 139*	*12/09/23 10:47*	*12/09/23 20:44*	*1*
Nitrobenzene-d5 (Surr)	*77*		*51 - 145*	*12/09/23 10:47*	*12/09/23 20:44*	*1*
Terphenyl-d14 (Surr)	*100*		*13 - 150*	*12/09/23 10:47*	*12/09/23 20:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0074**	**J B**	0.010	0.0041	mg/L			12/07/23 09:22	1

Client Sample ID: MW-13S_20231204

Date Collected: 12/04/23 13:45
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-4

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			12/07/23 16:17	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 16:17	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/07/23 16:17	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/07/23 16:17	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/07/23 16:17	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/07/23 16:17	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/07/23 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/07/23 16:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*12/07/23 16:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/07/23 16:17*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*12/07/23 16:17*	*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		12/09/23 10:47	12/11/23 12:33	1
Benzo[a]pyrene	0.050	U *+	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 12:33	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 12:33	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 12:33	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 12:33	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 12:33	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 12:33	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		12/09/23 10:47	12/09/23 21:05	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 21:05	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:05	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 21:05	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 21:05	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 21:05	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 21:05	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:05	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*109*		*46 - 139*	*12/09/23 10:47*	*12/09/23 21:05*	*1*
Nitrobenzene-d5 (Surr)	*100*		*51 - 145*	*12/09/23 10:47*	*12/09/23 21:05*	*1*
Terphenyl-d14 (Surr)	*109*		*13 - 150*	*12/09/23 10:47*	*12/09/23 21:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0049**	**J B**	0.010	0.0041	mg/L			12/07/23 09:24	1

Client Sample ID: MW-22S_20231204

Date Collected: 12/04/23 14:45
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-5

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			12/07/23 16:39	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 16:39	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/07/23 16:39	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/07/23 16:39	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/07/23 16:39	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/07/23 16:39	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/07/23 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/07/23 16:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*12/07/23 16:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/07/23 16:39*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*12/07/23 16:39*	*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	**0.041**	**J**	0.050	0.016	ug/L		12/09/23 10:47	12/11/23 12:54	1
Benzo[a]pyrene	**0.026**	**J *+**	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 12:54	1
Benzo[b]fluoranthene	**0.034**	**J**	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 12:54	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 12:54	1
Benzo[k]fluoranthene	**0.035**	**J**	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 12:54	1
Dibenz(a,h)anthracene	**0.035**	**J**	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 12:54	1
Indeno[1,2,3-cd]pyrene	**0.039**	**J**	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 12:54	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		12/09/23 10:47	12/09/23 21:26	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 21:26	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:26	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 21:26	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 21:26	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 21:26	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 21:26	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:26	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*110*		*46 - 139*	*12/09/23 10:47*	*12/09/23 21:26*	*1*
Nitrobenzene-d5 (Surr)	*104*		*51 - 145*	*12/09/23 10:47*	*12/09/23 21:26*	*1*
Terphenyl-d14 (Surr)	*118*		*13 - 150*	*12/09/23 10:47*	*12/09/23 21:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.96**		0.050	0.021	mg/L			12/11/23 11:05	5

Client Sample ID: MW-23S_20231205

Date Collected: 12/05/23 09:05
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.0	U	2.0	0.82	ug/L			12/07/23 17:02	2
Toluene	2.0	U	2.0	1.0	ug/L			12/07/23 17:02	2
Ethylbenzene	**11**		2.0	1.5	ug/L			12/07/23 17:02	2
m-Xylene & p-Xylene	**2.0**	**J**	4.0	1.3	ug/L			12/07/23 17:02	2
o-Xylene	**7.6**		2.0	1.5	ug/L			12/07/23 17:02	2
Xylenes, Total	**9.6**		4.0	1.3	ug/L			12/07/23 17:02	2
Total BTEX	**21**		4.0	2.0	ug/L			12/07/23 17:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/07/23 17:02*	*2*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*12/07/23 17:02*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*12/07/23 17:02*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*12/07/23 17:02*	*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	**0.030**	**J**	0.050	0.016	ug/L		12/09/23 10:47	12/11/23 13:15	1
Benzo[a]pyrene	0.050	U *+	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 13:15	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 13:15	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 13:15	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 13:15	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 13:15	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**4.8**	**J**	10	1.1	ug/L		12/09/23 10:47	12/09/23 21:47	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 21:47	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:47	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 21:47	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 21:47	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 21:47	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 21:47	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 21:47	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*116*		*46 - 139*	*12/09/23 10:47*	*12/09/23 21:47*	*1*
Nitrobenzene-d5 (Surr)	*107*		*51 - 145*	*12/09/23 10:47*	*12/09/23 21:47*	*1*
Terphenyl-d14 (Surr)	*124*		*13 - 150*	*12/09/23 10:47*	*12/09/23 21:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0082**	**J B**	0.010	0.0041	mg/L			12/11/23 08:40	1

Client Sample ID: MW-46S_20231205

Date Collected: 12/05/23 11:05
Date Received: 12/06/23 12:00

Lab Sample ID: 480-215449-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**500**	**E**	5.0	2.1	ug/L			12/07/23 17:24	5
Toluene	**4.7**	**J**	5.0	2.6	ug/L			12/07/23 17:24	5
Ethylbenzene	**430**		5.0	3.7	ug/L			12/07/23 17:24	5
m-Xylene & p-Xylene	**33**		10	3.3	ug/L			12/07/23 17:24	5
o-Xylene	**100**		5.0	3.8	ug/L			12/07/23 17:24	5
Xylenes, Total	**130**		10	3.3	ug/L			12/07/23 17:24	5
Total BTEX	**1100**	**E**	10	5.0	ug/L			12/07/23 17:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/07/23 17:24*	*5*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/07/23 17:24*	*5*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/07/23 17:24*	*5*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/07/23 17:24*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**580**	**F1**	10	4.1	ug/L			12/08/23 15:51	10
Toluene	**5.1**	**J**	10	5.1	ug/L			12/08/23 15:51	10
Ethylbenzene	**450**	**F1**	10	7.4	ug/L			12/08/23 15:51	10
m-Xylene & p-Xylene	**35**		20	6.6	ug/L			12/08/23 15:51	10
o-Xylene	**100**		10	7.6	ug/L			12/08/23 15:51	10
Xylenes, Total	**140**		20	6.6	ug/L			12/08/23 15:51	10
Total BTEX	**1200**		20	10	ug/L			12/08/23 15:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/08/23 15:51*	*10*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*12/08/23 15:51*	*10*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*12/08/23 15:51*	*10*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*12/08/23 15:51*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**4.0**		0.050	0.016	ug/L		12/09/23 10:47	12/11/23 13:36	1
Benzo[a]pyrene	**4.5**	***+**	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 13:36	1
Benzo[b]fluoranthene	**2.7**		0.050	0.024	ug/L		12/09/23 10:47	12/11/23 13:36	1
Benzo[g,h,i]perylene	**1.4**		0.050	0.035	ug/L		12/09/23 10:47	12/11/23 13:36	1
Benzo[k]fluoranthene	**1.0**		0.050	0.028	ug/L		12/09/23 10:47	12/11/23 13:36	1
Dibenz(a,h)anthracene	**0.51**		0.050	0.020	ug/L		12/09/23 10:47	12/11/23 13:36	1
Indeno[1,2,3-cd]pyrene	**1.3**		0.050	0.036	ug/L		12/09/23 10:47	12/11/23 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**46**	**J**	50	5.4	ug/L		12/09/23 10:47	12/10/23 01:59	5
Acenaphthylene	50	U	50	4.1	ug/L		12/09/23 10:47	12/10/23 01:59	5
Anthracene	50	U	50	6.5	ug/L		12/09/23 10:47	12/10/23 01:59	5
Chrysene	10	U	10	4.5	ug/L		12/09/23 10:47	12/10/23 01:59	5
Fluoranthene	50	U	50	4.2	ug/L		12/09/23 10:47	12/10/23 01:59	5
Fluorene	**14**	**J**	50	4.6	ug/L		12/09/23 10:47	12/10/23 01:59	5
Naphthalene	**180**		10	2.7	ug/L		12/09/23 10:47	12/10/23 01:59	5
Phenanthrene	**13**	**J**	50	6.4	ug/L		12/09/23 10:47	12/10/23 01:59	5
Pyrene	50	U	50	8.2	ug/L		12/09/23 10:47	12/10/23 01:59	5

Client Sample ID: MW-46S_20231205 — Lab Sample ID: 480-215449-7

Date Collected: 12/05/23 11:05 — **Matrix: Water**
Date Received: 12/06/23 12:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	119		46 - 139	12/09/23 10:47	12/10/23 01:59	5
Nitrobenzene-d5 (Surr)	108		51 - 145	12/09/23 10:47	12/10/23 01:59	5
Terphenyl-d14 (Surr)	112		13 - 150	12/09/23 10:47	12/10/23 01:59	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0048**	**J B ^2**	0.010	0.0041	mg/L			12/07/23 09:49	1

Client Sample ID: MW-48S_20231205 — Lab Sample ID: 480-215449-8

Date Collected: 12/05/23 10:00 — **Matrix: Water**
Date Received: 12/06/23 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26**		1.0	0.41	ug/L			12/07/23 17:46	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 17:46	1
Ethylbenzene	**11**		1.0	0.74	ug/L			12/07/23 17:46	1
m-Xylene & p-Xylene	**4.4**		2.0	0.66	ug/L			12/07/23 17:46	1
o-Xylene	**14**		1.0	0.76	ug/L			12/07/23 17:46	1
Xylenes, Total	**18**		2.0	0.66	ug/L			12/07/23 17:46	1
Total BTEX	**55**		2.0	1.0	ug/L			12/07/23 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		12/07/23 17:46	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		12/07/23 17:46	1
4-Bromofluorobenzene (Surr)	102		73 - 120		12/07/23 17:46	1
Dibromofluoromethane (Surr)	96		75 - 123		12/07/23 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.043**	**J**	0.050	0.016	ug/L		12/09/23 10:47	12/11/23 13:56	1
Benzo[a]pyrene	0.050	U *+	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 13:56	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/11/23 13:56	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/11/23 13:56	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/11/23 13:56	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/11/23 13:56	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/11/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**21**		10	1.1	ug/L		12/09/23 10:47	12/09/23 22:08	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 22:08	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 22:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 22:08	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 22:08	1
Fluorene	**2.3**	**J**	10	0.91	ug/L		12/09/23 10:47	12/09/23 22:08	1
Naphthalene	**27**		2.0	0.54	ug/L		12/09/23 10:47	12/09/23 22:08	1
Phenanthrene	**2.8**	**J**	10	1.3	ug/L		12/09/23 10:47	12/09/23 22:08	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	110		46 - 139	12/09/23 10:47	12/09/23 22:08	1

Client Sample ID: MW-48S_20231205 Lab Sample ID: 480-215449-8

Date Collected: 12/05/23 10:00 **Matrix: Water**
Date Received: 12/06/23 12:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*105*		*51 - 145*	*12/09/23 10:47*	*12/09/23 22:08*	*1*
Terphenyl-d14 (Surr)	*120*		*13 - 150*	*12/09/23 10:47*	*12/09/23 22:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0058**	**J B ^2 F1**	0.010	0.0041	mg/L			12/07/23 09:51	1

Client Sample ID: DUP-1_202312 Lab Sample ID: 480-215449-9

Date Collected: 12/05/23 00:00 **Matrix: Water**
Date Received: 12/06/23 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**520**	**E**	5.0	2.1	ug/L			12/07/23 18:08	5
Toluene	**4.3**	**J**	5.0	2.6	ug/L			12/07/23 18:08	5
Ethylbenzene	**450**		5.0	3.7	ug/L			12/07/23 18:08	5
m-Xylene & p-Xylene	**32**		10	3.3	ug/L			12/07/23 18:08	5
o-Xylene	**110**		5.0	3.8	ug/L			12/07/23 18:08	5
Xylenes, Total	**140**		10	3.3	ug/L			12/07/23 18:08	5
Total BTEX	**1100**	**E**	10	5.0	ug/L			12/07/23 18:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/07/23 18:08*	*5*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*12/07/23 18:08*	*5*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/07/23 18:08*	*5*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*12/07/23 18:08*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**540**		10	4.1	ug/L			12/08/23 16:13	10
Toluene	10	U	10	5.1	ug/L			12/08/23 16:13	10
Ethylbenzene	**440**		10	7.4	ug/L			12/08/23 16:13	10
m-Xylene & p-Xylene	**33**		20	6.6	ug/L			12/08/23 16:13	10
o-Xylene	**110**		10	7.6	ug/L			12/08/23 16:13	10
Xylenes, Total	**140**		20	6.6	ug/L			12/08/23 16:13	10
Total BTEX	**1100**		20	10	ug/L			12/08/23 16:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/08/23 16:13*	*10*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/08/23 16:13*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*12/08/23 16:13*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/08/23 16:13*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**4.5**		0.050	0.016	ug/L		12/09/23 10:47	12/11/23 14:17	1
Benzo[a]pyrene	**5.0**	***+**	0.050	0.022	ug/L		12/09/23 10:47	12/11/23 14:17	1
Benzo[b]fluoranthene	**3.1**		0.050	0.024	ug/L		12/09/23 10:47	12/11/23 14:17	1
Benzo[g,h,i]perylene	**1.6**		0.050	0.035	ug/L		12/09/23 10:47	12/11/23 14:17	1
Benzo[k]fluoranthene	**1.1**		0.050	0.028	ug/L		12/09/23 10:47	12/11/23 14:17	1
Dibenz(a,h)anthracene	**0.59**		0.050	0.020	ug/L		12/09/23 10:47	12/11/23 14:17	1

Client Sample ID: DUP-1_202312

Lab Sample ID: 480-215449-9

Date Collected: 12/05/23 00:00
Matrix: Water
Date Received: 12/06/23 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	**1.6**		0.050	0.036	ug/L		12/09/23 10:47	12/11/23 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**47**	**J**	50	5.4	ug/L		12/09/23 10:47	12/10/23 01:38	5
Acenaphthylene	**4.2**	**J**	50	4.1	ug/L		12/09/23 10:47	12/10/23 01:38	5
Anthracene	50	U	50	6.5	ug/L		12/09/23 10:47	12/10/23 01:38	5
Chrysene	10	U	10	4.5	ug/L		12/09/23 10:47	12/10/23 01:38	5
Fluoranthene	50	U	50	4.2	ug/L		12/09/23 10:47	12/10/23 01:38	5
Fluorene	**14**	**J**	50	4.6	ug/L		12/09/23 10:47	12/10/23 01:38	5
Naphthalene	**190**		10	2.7	ug/L		12/09/23 10:47	12/10/23 01:38	5
Phenanthrene	**14**	**J**	50	6.4	ug/L		12/09/23 10:47	12/10/23 01:38	5
Pyrene	50	U	50	8.2	ug/L		12/09/23 10:47	12/10/23 01:38	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*119*		*46 - 139*	*12/09/23 10:47*	*12/10/23 01:38*	*5*
Nitrobenzene-d5 (Surr)	*108*		*51 - 145*	*12/09/23 10:47*	*12/10/23 01:38*	*5*
Terphenyl-d14 (Surr)	*118*		*13 - 150*	*12/09/23 10:47*	*12/10/23 01:38*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0073**	**J B ^2**	0.010	0.0041	mg/L			12/07/23 09:59	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215449-10

Date Collected: 12/05/23 00:00
Matrix: Water
Date Received: 12/06/23 12:00

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			12/07/23 18:31	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 18:31	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/07/23 18:31	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/07/23 18:31	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/07/23 18:31	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/07/23 18:31	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/07/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/07/23 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/07/23 18:31*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/07/23 18:31*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*12/07/23 18:31*	*1*

Surrogate Summary

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

Job ID: 480-215449-1

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)
480-215449-1	MW-C11_20231204	92	84	94	87
480-215449-2	MW-C12_20231204	101	102	102	101
480-215449-3	MW-C16_20231204	100	96	100	97
480-215449-4	MW-13S_20231204	100	98	100	100
480-215449-5	MW-22S_20231204	102	93	100	93
480-215449-6	MW-23S_20231205	100	101	99	102
480-215449-7	MW-46S_20231205	101	97	102	96
480-215449-7 - DL	MW-46S_20231205	100	100	96	97
480-215449-7 MS	MW-46S_20231205	98	97	99	96
480-215449-7 MSD	MW-46S_20231205	93	95	101	96
480-215449-8	MW-48S_20231205	100	98	102	96
480-215449-8 MS	MW-48S_20231205 MS	100	92	102	95
480-215449-8 MSD	MW-48S_20231205 MSD	98	94	101	93
480-215449-9	DUP-1_202312	99	90	102	90
480-215449-9 - DL	DUP-1_202312	97	97	98	96
480-215449-10	TRIP BLANK	101	99	102	97
LCS 480-694533/6	Lab Control Sample	96	95	99	95
LCS 480-694708/6	Lab Control Sample	97	96	95	93
MB 480-694533/8	Method Blank	101	97	101	95
MB 480-694708/8	Method Blank	101	95	98	92

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(46-139)	(51-145)	(13-150)
480-215449-1	MW-C11_20231204	102	93	98
480-215449-2	MW-C12_20231204	104	97	106
480-215449-3	MW-C16_20231204	84	77	100
480-215449-4	MW-13S_20231204	109	100	109
480-215449-5	MW-22S_20231204	110	104	118
480-215449-6	MW-23S_20231205	116	107	124
480-215449-7	MW-46S_20231205	119	108	112
480-215449-8	MW-48S_20231205	110	105	120
480-215449-8 MS	MW-48S_20231205 MS	123	115	127
480-215449-8 MSD	MW-48S_20231205 MSD	119	110	110
480-215449-9	DUP-1_202312	119	108	118
LCS 460-949013/2-A	Lab Control Sample	100	92	109
LCSD 460-949013/3-A	Lab Control Sample Dup	99	93	119
MB 460-949013/1-A	Method Blank	91	94	86

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: D&B Engineers and Architects, P.C.
Job ID: 480-215449-1
Project/Site: NYSEG - Court Street OMM

TPHL = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-694533/8
Matrix: Water
Analysis Batch: 694533

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			12/07/23 11:37	1
Toluene	1.0	U	1.0	0.51	ug/L			12/07/23 11:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/07/23 11:37	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/07/23 11:37	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/07/23 11:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/07/23 11:37	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/07/23 11:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/07/23 11:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/07/23 11:37*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/07/23 11:37*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*12/07/23 11:37*	*1*

Lab Sample ID: LCS 480-694533/6
Matrix: Water
Analysis Batch: 694533

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	23.8		ug/L		95	71 - 124		
Toluene			25.0	24.0		ug/L		96	80 - 122		
Ethylbenzene			25.0	24.3		ug/L		97	77 - 123		
m-Xylene & p-Xylene			25.0	25.3		ug/L		101	76 - 122		
o-Xylene			25.0	25.3		ug/L		101	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-215449-8 MS
Matrix: Water
Analysis Batch: 694533

Client Sample ID: MW-48S_20231205 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	26		25.0	52.9		ug/L		106	71 - 124		
Toluene	1.0	U	25.0	28.7		ug/L		115	80 - 122		
Ethylbenzene	11		25.0	38.3		ug/L		110	77 - 123		
m-Xylene & p-Xylene	4.4		25.0	33.7		ug/L		117	76 - 122		
o-Xylene	14		25.0	42.6		ug/L		114	76 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

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

Lab Sample ID: 480-215449-8 MSD
Matrix: Water
Analysis Batch: 694533

Client Sample ID: MW-48S_20231205 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	26		25.0	51.1		ug/L		99	71 - 124	3	13
Toluene	1.0	U	25.0	27.0		ug/L		108	80 - 122	6	15
Ethylbenzene	11		25.0	37.5		ug/L		107	77 - 123	2	15
m-Xylene & p-Xylene	4.4		25.0	32.2		ug/L		111	76 - 122	4	16
o-Xylene	14		25.0	41.4		ug/L		109	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*93*		*75 - 123*

Lab Sample ID: MB 480-694708/8
Matrix: Water
Analysis Batch: 694708

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			12/08/23 11:31	1
Toluene	1.0	U	1.0	0.51	ug/L			12/08/23 11:31	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			12/08/23 11:31	1
m-Xylene & p-Xylene	2.0	U	2.0	0.66	ug/L			12/08/23 11:31	1
o-Xylene	1.0	U	1.0	0.76	ug/L			12/08/23 11:31	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			12/08/23 11:31	1
Total BTEX	2.0	U	2.0	1.0	ug/L			12/08/23 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/08/23 11:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*12/08/23 11:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*12/08/23 11:31*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*12/08/23 11:31*	*1*

Lab Sample ID: LCS 480-694708/6
Matrix: Water
Analysis Batch: 694708

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		103	71 - 124		
Toluene			25.0	25.0		ug/L		100	80 - 122		
Ethylbenzene			25.0	24.3		ug/L		97	77 - 123		
m-Xylene & p-Xylene			25.0	25.6		ug/L		102	76 - 122		
o-Xylene			25.0	25.5		ug/L		102	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*93*		*75 - 123*

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

Lab Sample ID: 480-215449-7 MS
Matrix: Water
Analysis Batch: 694708

Client Sample ID: MW-46S_20231205
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	580	F1	250	768		ug/L		76	71 - 124
Toluene	5.1	J	250	268		ug/L		105	80 - 122
Ethylbenzene	450	F1	250	646		ug/L		79	77 - 123
m-Xylene & p-Xylene	35		250	303		ug/L		107	76 - 122
o-Xylene	100		250	366		ug/L		105	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

Lab Sample ID: 480-215449-7 MSD
Matrix: Water
Analysis Batch: 694708

Client Sample ID: MW-46S_20231205
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	580	F1	250	721	F1	ug/L		57	71 - 124	6	13
Toluene	5.1	J	250	254		ug/L		100	80 - 122	5	15
Ethylbenzene	450	F1	250	608	F1	ug/L		64	77 - 123	6	15
m-Xylene & p-Xylene	35		250	287		ug/L		101	76 - 122	5	16
o-Xylene	100		250	356		ug/L		101	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*

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

Lab Sample ID: MB 460-949013/1-A
Matrix: Water
Analysis Batch: 949020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 949013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		12/09/23 10:47	12/09/23 17:34	1
Acenaphthylene	10	U	10	0.82	ug/L		12/09/23 10:47	12/09/23 17:34	1
Anthracene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 17:34	1
Chrysene	2.0	U	2.0	0.91	ug/L		12/09/23 10:47	12/09/23 17:34	1
Fluoranthene	10	U	10	0.84	ug/L		12/09/23 10:47	12/09/23 17:34	1
Fluorene	10	U	10	0.91	ug/L		12/09/23 10:47	12/09/23 17:34	1
Naphthalene	2.0	U	2.0	0.54	ug/L		12/09/23 10:47	12/09/23 17:34	1
Phenanthrene	10	U	10	1.3	ug/L		12/09/23 10:47	12/09/23 17:34	1
Pyrene	10	U	10	1.6	ug/L		12/09/23 10:47	12/09/23 17:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*46 - 139*	*12/09/23 10:47*	*12/09/23 17:34*	*1*

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

Lab Sample ID: MB 460-949013/1-A
Matrix: Water
Analysis Batch: 949020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 949013

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		51 - 145	12/09/23 10:47	12/09/23 17:34	1
Terphenyl-d14 (Surr)	86		13 - 150	12/09/23 10:47	12/09/23 17:34	1

Lab Sample ID: LCS 460-949013/2-A
Matrix: Water
Analysis Batch: 949020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 949013

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			80.0	75.8		ug/L		95	57 - 132		
Acenaphthylene			80.0	72.9		ug/L		91	54 - 120		
Anthracene			80.0	75.1		ug/L		94	65 - 120		
Chrysene			80.0	80.3		ug/L		100	63 - 127		
Fluoranthene			80.0	75.0		ug/L		94	65 - 130		
Fluorene			80.0	76.0		ug/L		95	63 - 133		
Naphthalene			80.0	71.8		ug/L		90	43 - 120		
Phenanthrene			80.0	75.5		ug/L		94	65 - 120		
Pyrene			80.0	84.2		ug/L		105	56 - 144		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	100		46 - 139
Nitrobenzene-d5 (Surr)	92		51 - 145
Terphenyl-d14 (Surr)	109		13 - 150

Lab Sample ID: LCSD 460-949013/3-A
Matrix: Water
Analysis Batch: 949020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 949013

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			80.0	75.2		ug/L		94	57 - 132	1	30
Acenaphthylene			80.0	73.0		ug/L		91	54 - 120	0	30
Anthracene			80.0	75.7		ug/L		95	65 - 120	1	30
Chrysene			80.0	82.7		ug/L		103	63 - 127	3	30
Fluoranthene			80.0	74.1		ug/L		93	65 - 130	1	30
Fluorene			80.0	75.4		ug/L		94	63 - 133	1	30
Naphthalene			80.0	72.5		ug/L		91	43 - 120	1	30
Phenanthrene			80.0	76.6		ug/L		96	65 - 120	1	30
Pyrene			80.0	93.9		ug/L		117	56 - 144	11	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	99		46 - 139
Nitrobenzene-d5 (Surr)	93		51 - 145
Terphenyl-d14 (Surr)	119		13 - 150

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

Lab Sample ID: 480-215449-8 MS
Matrix: Water
Analysis Batch: 949020

Client Sample ID: MW-48S_20231205 MS
Prep Type: Total/NA
Prep Batch: 949013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	21		80.0	108		ug/L		108	57 - 132
Acenaphthylene	10	U	80.0	82.6		ug/L		103	54 - 120
Anthracene	10	U	80.0	85.8		ug/L		107	65 - 120
Chrysene	2.0	U	80.0	90.1		ug/L		113	63 - 127
Fluoranthene	10	U	80.0	84.5		ug/L		106	65 - 130
Fluorene	2.3	J	80.0	86.6		ug/L		105	63 - 133
Naphthalene	27		80.0	109		ug/L		103	43 - 120
Phenanthrene	2.8	J	80.0	87.5		ug/L		106	65 - 120
Pyrene	10	U	80.0	96.7		ug/L		121	56 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*123*		*46 - 139*
Nitrobenzene-d5 (Surr)	*115*		*51 - 145*
Terphenyl-d14 (Surr)	*127*		*13 - 150*

Lab Sample ID: 480-215449-8 MSD
Matrix: Water
Analysis Batch: 949020

Client Sample ID: MW-48S_20231205 MSD
Prep Type: Total/NA
Prep Batch: 949013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	21		80.0	107		ug/L		108	57 - 132	0	30
Acenaphthylene	10	U	80.0	82.0		ug/L		103	54 - 120	1	30
Anthracene	10	U	80.0	84.8		ug/L		106	65 - 120	1	30
Chrysene	2.0	U	80.0	89.6		ug/L		112	63 - 127	1	30
Fluoranthene	10	U	80.0	81.4		ug/L		102	65 - 130	4	30
Fluorene	2.3	J	80.0	84.8		ug/L		103	63 - 133	2	30
Naphthalene	27		80.0	97.9		ug/L		88	43 - 120	11	30
Phenanthrene	2.8	J	80.0	86.9		ug/L		105	65 - 120	1	30
Pyrene	10	U	80.0	94.1		ug/L		118	56 - 144	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*119*		*46 - 139*
Nitrobenzene-d5 (Surr)	*110*		*51 - 145*
Terphenyl-d14 (Surr)	*110*		*13 - 150*

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

Lab Sample ID: MB 460-949013/1-A
Matrix: Water
Analysis Batch: 949034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 949013

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		12/09/23 10:47	12/09/23 20:02	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		12/09/23 10:47	12/09/23 20:02	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		12/09/23 10:47	12/09/23 20:02	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		12/09/23 10:47	12/09/23 20:02	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		12/09/23 10:47	12/09/23 20:02	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		12/09/23 10:47	12/09/23 20:02	1

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

Lab Sample ID: MB 460-949013/1-A
Matrix: Water
Analysis Batch: 949034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 949013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		12/09/23 10:47	12/09/23 20:02	1

Lab Sample ID: LCS 460-949013/4-A
Matrix: Water
Analysis Batch: 949034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 949013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.00	2.50		ug/L		125	33 - 139
Benzo[a]pyrene	2.00	2.65		ug/L		133	32 - 140
Benzo[b]fluoranthene	2.00	2.06		ug/L		103	34 - 136
Benzo[g,h,i]perylene	2.00	2.15		ug/L		107	20 - 150
Benzo[k]fluoranthene	2.00	2.25		ug/L		113	35 - 150
Dibenz(a,h)anthracene	2.00	2.22		ug/L		111	14 - 150
Indeno[1,2,3-cd]pyrene	2.00	2.38		ug/L		119	12 - 145

Lab Sample ID: LCSD 460-949013/5-A
Matrix: Water
Analysis Batch: 949034

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 949013

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	2.00	2.67		ug/L		134	33 - 139	6	30
Benzo[a]pyrene	2.00	2.82	*+	ug/L		141	32 - 140	6	30
Benzo[b]fluoranthene	2.00	2.29		ug/L		115	34 - 136	10	30
Benzo[g,h,i]perylene	2.00	2.42		ug/L		121	20 - 150	12	30
Benzo[k]fluoranthene	2.00	2.44		ug/L		122	35 - 150	8	30
Dibenz(a,h)anthracene	2.00	2.48		ug/L		124	14 - 150	11	30
Indeno[1,2,3-cd]pyrene	2.00	2.64		ug/L		132	12 - 145	10	30

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

Lab Sample ID: MB 480-694593/47
Matrix: Water
Analysis Batch: 694593

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00720	J	0.010	0.0041	mg/L			12/07/23 09:39	1

Lab Sample ID: HLCS 480-694593/22
Matrix: Water
Analysis Batch: 694593

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	0.406		mg/L		102	90 - 110

Lab Sample ID: LCS 480-694593/23
Matrix: Water
Analysis Batch: 694593

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	0.247		mg/L		99	90 - 110

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

Lab Sample ID: LCS 480-694593/48
Matrix: Water
Analysis Batch: 694593

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	0.240		mg/L		96	90 - 110

Lab Sample ID: 480-215449-8 MS
Matrix: Water
Analysis Batch: 694593

Client Sample ID: MW-48S_20231205 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0058	J B ^2 F1	0.100	0.0936	F1	mg/L		88	90 - 110

Lab Sample ID: 480-215449-8 MSD
Matrix: Water
Analysis Batch: 694593

Client Sample ID: MW-48S_20231205 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.0058	J B ^2 F1	0.100	0.0970		mg/L		91	90 - 110	4	15

Lab Sample ID: MB 480-694983/47
Matrix: Water
Analysis Batch: 694983

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00420	J	0.010	0.0041	mg/L			12/11/23 09:31	1

Lab Sample ID: MB 480-694983/75
Matrix: Water
Analysis Batch: 694983

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			12/11/23 10:48	1

Lab Sample ID: HLCS 480-694983/22
Matrix: Water
Analysis Batch: 694983

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	0.412		mg/L		103	90 - 110

Lab Sample ID: LCS 480-694983/23
Matrix: Water
Analysis Batch: 694983

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	0.262		mg/L		105	90 - 110

Lab Sample ID: LCS 480-694983/76
Matrix: Water
Analysis Batch: 694983

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	0.253		mg/L		101	90 - 110

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 694533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-1	MW-C11_20231204	Total/NA	Water	8260C	
480-215449-2	MW-C12_20231204	Total/NA	Water	8260C	
480-215449-3	MW-C16_20231204	Total/NA	Water	8260C	
480-215449-4	MW-13S_20231204	Total/NA	Water	8260C	
480-215449-5	MW-22S_20231204	Total/NA	Water	8260C	
480-215449-6	MW-23S_20231205	Total/NA	Water	8260C	
480-215449-7	MW-46S_20231205	Total/NA	Water	8260C	
480-215449-8	MW-48S_20231205	Total/NA	Water	8260C	
480-215449-9	DUP-1_202312	Total/NA	Water	8260C	
480-215449-10	TRIP BLANK	Total/NA	Water	8260C	
MB 480-694533/8	Method Blank	Total/NA	Water	8260C	
LCS 480-694533/6	Lab Control Sample	Total/NA	Water	8260C	
480-215449-8 MS	MW-48S_20231205 MS	Total/NA	Water	8260C	
480-215449-8 MSD	MW-48S_20231205 MSD	Total/NA	Water	8260C	

Analysis Batch: 694708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-7 - DL	MW-46S_20231205	Total/NA	Water	8260C	
480-215449-9 - DL	DUP-1_202312	Total/NA	Water	8260C	
MB 480-694708/8	Method Blank	Total/NA	Water	8260C	
LCS 480-694708/6	Lab Control Sample	Total/NA	Water	8260C	
480-215449-7 MS	MW-46S_20231205	Total/NA	Water	8260C	
480-215449-7 MSD	MW-46S_20231205	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 949013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-1	MW-C11_20231204	Total/NA	Water	3510C	
480-215449-2	MW-C12_20231204	Total/NA	Water	3510C	
480-215449-3	MW-C16_20231204	Total/NA	Water	3510C	
480-215449-4	MW-13S_20231204	Total/NA	Water	3510C	
480-215449-5	MW-22S_20231204	Total/NA	Water	3510C	
480-215449-6	MW-23S_20231205	Total/NA	Water	3510C	
480-215449-7	MW-46S_20231205	Total/NA	Water	3510C	
480-215449-8	MW-48S_20231205	Total/NA	Water	3510C	
480-215449-9	DUP-1_202312	Total/NA	Water	3510C	
MB 460-949013/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-949013/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-949013/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-949013/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-949013/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-215449-8 MS	MW-48S_20231205 MS	Total/NA	Water	3510C	
480-215449-8 MSD	MW-48S_20231205 MSD	Total/NA	Water	3510C	

Analysis Batch: 949020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-1	MW-C11_20231204	Total/NA	Water	8270E	949013
480-215449-2	MW-C12_20231204	Total/NA	Water	8270E	949013
480-215449-3	MW-C16_20231204	Total/NA	Water	8270E	949013
480-215449-4	MW-13S_20231204	Total/NA	Water	8270E	949013

GC/MS Semi VOA (Continued)

Analysis Batch: 949020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-5	MW-22S_20231204	Total/NA	Water	8270E	949013
480-215449-6	MW-23S_20231205	Total/NA	Water	8270E	949013
480-215449-7	MW-46S_20231205	Total/NA	Water	8270E	949013
480-215449-8	MW-48S_20231205	Total/NA	Water	8270E	949013
480-215449-9	DUP-1_202312	Total/NA	Water	8270E	949013
MB 460-949013/1-A	Method Blank	Total/NA	Water	8270E	949013
LCS 460-949013/2-A	Lab Control Sample	Total/NA	Water	8270E	949013
LCSD 460-949013/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	949013
480-215449-8 MS	MW-48S_20231205 MS	Total/NA	Water	8270E	949013
480-215449-8 MSD	MW-48S_20231205 MSD	Total/NA	Water	8270E	949013

Analysis Batch: 949034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-949013/1-A	Method Blank	Total/NA	Water	8270E SIM	949013
LCS 460-949013/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	949013
LCSD 460-949013/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	949013

Analysis Batch: 949181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-1	MW-C11_20231204	Total/NA	Water	8270E SIM	949013
480-215449-2	MW-C12_20231204	Total/NA	Water	8270E SIM	949013
480-215449-3	MW-C16_20231204	Total/NA	Water	8270E SIM	949013
480-215449-4	MW-13S_20231204	Total/NA	Water	8270E SIM	949013
480-215449-5	MW-22S_20231204	Total/NA	Water	8270E SIM	949013
480-215449-6	MW-23S_20231205	Total/NA	Water	8270E SIM	949013
480-215449-7	MW-46S_20231205	Total/NA	Water	8270E SIM	949013
480-215449-8	MW-48S_20231205	Total/NA	Water	8270E SIM	949013
480-215449-9	DUP-1_202312	Total/NA	Water	8270E SIM	949013

General Chemistry

Analysis Batch: 694593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-1	MW-C11_20231204	Total/NA	Water	9012B	
480-215449-2	MW-C12_20231204	Total/NA	Water	9012B	
480-215449-3	MW-C16_20231204	Total/NA	Water	9012B	
480-215449-4	MW-13S_20231204	Total/NA	Water	9012B	
480-215449-7	MW-46S_20231205	Total/NA	Water	9012B	
480-215449-8	MW-48S_20231205	Total/NA	Water	9012B	
480-215449-9	DUP-1_202312	Total/NA	Water	9012B	
MB 480-694593/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-694593/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-694593/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-694593/48	Lab Control Sample	Total/NA	Water	9012B	
480-215449-8 MS	MW-48S_20231205 MS	Total/NA	Water	9012B	
480-215449-8 MSD	MW-48S_20231205 MSD	Total/NA	Water	9012B	

Analysis Batch: 694983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-215449-5	MW-22S_20231204	Total/NA	Water	9012B	
480-215449-6	MW-23S_20231205	Total/NA	Water	9012B	

General Chemistry (Continued)

Analysis Batch: 694983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-694983/47	Method Blank	Total/NA	Water	9012B	
MB 480-694983/75	Method Blank	Total/NA	Water	9012B	
HLCS 480-694983/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-694983/23	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-694983/76	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

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

Job ID: 480-215449-1

Client Sample ID: MW-C11_20231204

Lab Sample ID: 480-215449-1

Date Collected: 12/04/23 11:25
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 15:11
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 20:02
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 11:30
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:16

Client Sample ID: MW-C12_20231204

Lab Sample ID: 480-215449-2

Date Collected: 12/04/23 12:15
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 15:33
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 20:23
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 11:51
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:19

Client Sample ID: MW-C16_20231204

Lab Sample ID: 480-215449-3

Date Collected: 12/04/23 10:25
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	694533	CR	EET BUF	12/07/23 15:55
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 20:44
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 12:12
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:22

Client Sample ID: MW-13S_20231204

Lab Sample ID: 480-215449-4

Date Collected: 12/04/23 13:45
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 16:17
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 21:05
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 12:33
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:24

Client Sample ID: MW-22S_20231204

Lab Sample ID: 480-215449-5

Date Collected: 12/04/23 14:45

Matrix: Water

Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 16:39
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 21:26
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 12:54
Total/NA	Analysis	9012B		5	694983	CLT	EET BUF	12/11/23 11:05

Client Sample ID: MW-23S_20231205

Lab Sample ID: 480-215449-6

Date Collected: 12/05/23 09:05

Matrix: Water

Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	694533	CR	EET BUF	12/07/23 17:02
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 21:47
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 13:15
Total/NA	Analysis	9012B		1	694983	CLT	EET BUF	12/11/23 08:40

Client Sample ID: MW-46S_20231205

Lab Sample ID: 480-215449-7

Date Collected: 12/05/23 11:05

Matrix: Water

Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	694533	CR	EET BUF	12/07/23 17:24
Total/NA	Analysis	8260C	DL	10	694708	ATG	EET BUF	12/08/23 15:51
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		5	949020	YAH	EET EDI	12/10/23 01:59
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 13:36
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:49

Client Sample ID: MW-48S_20231205

Lab Sample ID: 480-215449-8

Date Collected: 12/05/23 10:00

Matrix: Water

Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 17:46
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		1	949020	YAH	EET EDI	12/09/23 22:08
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 13:56
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:51

Lab Chronicle

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

Job ID: 480-215449-1

Client Sample ID: DUP-1_202312

Lab Sample ID: 480-215449-9

Date Collected: 12/05/23 00:00
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	694533	CR	EET BUF	12/07/23 18:08
Total/NA	Analysis	8260C	DL	10	694708	ATG	EET BUF	12/08/23 16:13
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E		5	949020	YAH	EET EDI	12/10/23 01:38
Total/NA	Prep	3510C			949013	NMP	EET EDI	12/09/23 10:47
Total/NA	Analysis	8270E SIM		1	949181	MDJ	EET EDI	12/11/23 14:17
Total/NA	Analysis	9012B		1	694593	CLT	EET BUF	12/07/23 09:59

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-215449-10

Date Collected: 12/05/23 00:00
Matrix: Water
Date Received: 12/06/23 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	694533	CR	EET BUF	12/07/23 18:31

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: 480-215449-1
Project/Site: NYSEG - Court Street OMM

Laboratory: Eurofins Buffalo

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

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_20231204	480-215449-1	87	84	92	94
MW-C12_20231204	480-215449-2	101	102	101	102
MW-C16_20231204	480-215449-3	97	96	100	100
MW-13S_20231204	480-215449-4	100	98	100	100
MW-22S_20231204	480-215449-5	93	93	102	100
MW-23S_20231205	480-215449-6	102	101	100	99
MW-46S_20231205	480-215449-7	96	97	101	102
MW-46S_20231205 DL	480-215449-7 DL	97	100	100	96
MW-48S_20231205	480-215449-8	96	98	100	102
DUP-1_202312	480-215449-9	90	90	99	102
DUP-1_202312 DL	480-215449-9 DL	96	97	97	98
TRIP BLANK	480-215449-10	97	99	101	102
	MB 480-694533/8	95	97	101	101
	MB 480-694708/8	92	95	101	98
	LCS 480-694533/6	95	95	96	99
	LCS 480-694708/6	93	96	97	95
MW-46S_20231205 MS	480-215449-7 MS	96	97	98	99
MW-48S_20231205 MS MS	480-215449-8 MS	95	92	100	102
MW-46S_20231205 MSD	480-215449-7 MSD	96	95	93	101
MW-48S_20231205 MSD MSD	480-215449-8 MSD	93	94	98	101

	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3661.d

Lab ID: LCS 480-694533/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	23.8	95	71-124	
Toluene	25.0	24.0	96	80-122	
Ethylbenzene	25.0	24.3	97	77-123	
m-Xylene & p-Xylene	25.0	25.3	101	76-122	
o-Xylene	25.0	25.3	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3721.d

Lab ID: LCS 480-694708/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	25.6	103	71-124	
Toluene	25.0	25.0	100	80-122	
Ethylbenzene	25.0	24.3	97	77-123	
m-Xylene & p-Xylene	25.0	25.6	102	76-122	
o-Xylene	25.0	25.5	102	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3746.d

Lab ID: 480-215449-7 MS Client ID: MW-46S_20231205 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	250	580	768	76	71-124	
Toluene	250	5.1 J	268	105	80-122	
Ethylbenzene	250	450	646	79	77-123	
m-Xylene & p-Xylene	250	35	303	107	76-122	
o-Xylene	250	100	366	105	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3684.d

Lab ID: 480-215449-8 MS Client ID: MW-48S_20231205 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	25.0	26	52.9	106	71-124	
Toluene	25.0	1.0 U	28.7	115	80-122	
Ethylbenzene	25.0	11	38.3	110	77-123	
m-Xylene & p-Xylene	25.0	4.4	33.7	117	76-122	
o-Xylene	25.0	14	42.6	114	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3747.d

Lab ID: 480-215449-7 MSD Client ID: MW-46S_20231205 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	250	721	57	6	13	71-124	F1
Toluene	250	254	100	5	15	80-122	
Ethylbenzene	250	608	64	6	15	77-123	F1
m-Xylene & p-Xylene	250	287	101	5	16	76-122	
o-Xylene	250	356	101	3	16	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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N3685.d

Lab ID: 480-215449-8 MSD Client ID: MW-48S_20231205 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	25.0	51.1	99	3	13	71-124	
Toluene	25.0	27.0	108	6	15	80-122	
Ethylbenzene	25.0	37.5	107	2	15	77-123	
m-Xylene & p-Xylene	25.0	32.2	111	4	16	76-122	
o-Xylene	25.0	41.4	109	3	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.: 480-215449-1

SDG No.:

Lab File ID: N3663.d Lab Sample ID: MB 480-694533/8

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

Instrument ID: HP5973N Date Analyzed: 12/07/2023 11:37

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 480-694533/6	N3661.d	12/07/2023 10:52
MW-C11_20231204	480-215449-1	N3672.d	12/07/2023 15:11
MW-C12_20231204	480-215449-2	N3673.d	12/07/2023 15:33
MW-C16_20231204	480-215449-3	N3674.d	12/07/2023 15:55
MW-13S_20231204	480-215449-4	N3675.d	12/07/2023 16:17
MW-22S_20231204	480-215449-5	N3676.d	12/07/2023 16:39
MW-23S_20231205	480-215449-6	N3677.d	12/07/2023 17:02
MW-46S_20231205	480-215449-7	N3678.d	12/07/2023 17:24
MW-48S_20231205	480-215449-8	N3679.d	12/07/2023 17:46
DUP-1_202312	480-215449-9	N3680.d	12/07/2023 18:08
TRIP BLANK	480-215449-10	N3681.d	12/07/2023 18:31
MW-48S_20231205 MS MS	480-215449-8 MS	N3684.d	12/07/2023 19:38
MW-48S_20231205 MSD MSD	480-215449-8 MSD	N3685.d	12/07/2023 20:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab File ID: N3723.d Lab Sample ID: MB 480-694708/8

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

Instrument ID: HP5973N Date Analyzed: 12/08/2023 11:31

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 480-694708/6	N3721.d	12/08/2023 10:46
MW-46S_20231205 DL	480-215449-7 DL	N3734.d	12/08/2023 15:51
DUP-1_202312 DL	480-215449-9 DL	N3735.d	12/08/2023 16:13
MW-46S_20231205 MS	480-215449-7 MS	N3746.d	12/08/2023 20:20
MW-46S_20231205 MSD	480-215449-7 MSD	N3747.d	12/08/2023 20:43

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab File ID: N3569.d BFB Injection Date: 12/01/2023

Instrument ID: HP5973N BFB Injection Time: 12:48

Analysis Batch No.: 693920

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	38.2	
75	30.0 - 60.0 % of mass 95	53.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	1.0	(1.3) 1
174	Greater than 50% of mass 95	78.9	
175	5.0 - 9.0 % of mass 174	5.6	(7.1) 1
176	95.0 - 101.0 % of mass 174	77.1	(97.8) 1
177	5.0 - 9.0 % of mass 176	4.1	(5.3) 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
	IC 480-693920/13	N3571.d	12/01/2023	13:37
	IC 480-693920/14	N3572.d	12/01/2023	13:59
	IC 480-693920/15	N3573.d	12/01/2023	14:21
	IC 480-693920/16	N3574.d	12/01/2023	14:44
	IC 480-693920/17	N3575.d	12/01/2023	15:06
	ICIS 480-693920/18	N3576.d	12/01/2023	15:29
	IC 480-693920/19	N3577.d	12/01/2023	15:51
	IC 480-693920/20	N3578.d	12/01/2023	16:14
	ICV 480-693920/34	N3592.d	12/01/2023	21:27
	ICV 480-693920/35	N3593.d	12/01/2023	21:49

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab File ID: N3658.d BFB Injection Date: 12/07/2023

Instrument ID: HP5973N BFB Injection Time: 09:29

Analysis Batch No.: 694533

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	37.9	
75	30.0 - 60.0 % of mass 95	53.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.2	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	72.6	
175	5.0 - 9.0 % of mass 174	6.1	(8.4) 1
176	95.0 - 101.0 % of mass 174	72.0	(99.1) 1
177	5.0 - 9.0 % of mass 176	4.0	(5.6) 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 480-694533/4	N3659.d	12/07/2023	9:56
	LCS 480-694533/6	N3661.d	12/07/2023	10:52
	MB 480-694533/8	N3663.d	12/07/2023	11:37
MW-C11_20231204	480-215449-1	N3672.d	12/07/2023	15:11
MW-C12_20231204	480-215449-2	N3673.d	12/07/2023	15:33
MW-C16_20231204	480-215449-3	N3674.d	12/07/2023	15:55
MW-13S_20231204	480-215449-4	N3675.d	12/07/2023	16:17
MW-22S_20231204	480-215449-5	N3676.d	12/07/2023	16:39
MW-23S_20231205	480-215449-6	N3677.d	12/07/2023	17:02
MW-46S_20231205	480-215449-7	N3678.d	12/07/2023	17:24
MW-48S_20231205	480-215449-8	N3679.d	12/07/2023	17:46
DUP-1_202312	480-215449-9	N3680.d	12/07/2023	18:08
TRIP BLANK	480-215449-10	N3681.d	12/07/2023	18:31
MW-48S_20231205 MS MS	480-215449-8 MS	N3684.d	12/07/2023	19:38
MW-48S_20231205 MSD MSD	480-215449-8 MSD	N3685.d	12/07/2023	20:00

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab File ID: N3718.d BFB Injection Date: 12/08/2023

Instrument ID: HP5973N BFB Injection Time: 09:36

Analysis Batch No.: 694708

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	38.3	
75	30.0 - 60.0 % of mass 95	52.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	1.2	(1.6) 1
174	Greater than 50% of mass 95	75.5	
175	5.0 - 9.0 % of mass 174	5.2	(6.8) 1
176	95.0 - 101.0 % of mass 174	75.0	(99.4) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.6) 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 480-694708/4	N3719.d	12/08/2023	10:01
	LCS 480-694708/6	N3721.d	12/08/2023	10:46
	MB 480-694708/8	N3723.d	12/08/2023	11:31
MW-46S_20231205 DL	480-215449-7 DL	N3734.d	12/08/2023	15:51
DUP-1_202312 DL	480-215449-9 DL	N3735.d	12/08/2023	16:13
MW-46S_20231205 MS	480-215449-7 MS	N3746.d	12/08/2023	20:20
MW-46S_20231205 MSD	480-215449-7 MSD	N3747.d	12/08/2023	20:43

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Sample No.: ICIS 480-693920/18 Date Analyzed: 12/01/2023 15:29

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): N3576.d Heated Purge: (Y/N) N

Calibration ID: 45778

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		221490	5.05	731762	8.01	393733	10.44
UPPER LIMIT		442980	5.55	1463524	8.51	787466	10.94
LOWER LIMIT		110745	4.55	365881	7.51	196867	9.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-694533/4		231522	5.05	780682	8.01	407409	10.44
CCVIS 480-694708/4		232884	5.05	792621	8.02	397998	10.44

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Sample No.: CCVIS 480-694533/4 Date Analyzed: 12/07/2023 09:56

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): N3659.d Heated Purge: (Y/N) N

Calibration ID: 45780

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		231522	5.05	780682	8.01	407409	10.44
UPPER LIMIT		463044	5.55	1561364	8.51	814818	10.94
LOWER LIMIT		115761	4.55	390341	7.51	203705	9.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-694533/6		226189	5.05	766254	8.02	407307	10.44
MB 480-694533/8		221133	5.05	720300	8.01	382068	10.44
480-215449-1	MW-C11_20231204	224031	5.05	704759	8.02	378207	10.44
480-215449-2	MW-C12_20231204	203693	5.05	681197	8.02	366206	10.44
480-215449-3	MW-C16_20231204	207153	5.05	663204	8.02	358241	10.44
480-215449-4	MW-13S_20231204	204295	5.05	674457	8.02	350872	10.44
480-215449-5	MW-22S_20231204	217328	5.05	663798	8.02	363686	10.44
480-215449-6	MW-23S_20231205	199501	5.05	686427	8.01	362871	10.44
480-215449-7	MW-46S_20231205	212674	5.05	688210	8.02	373514	10.44
480-215449-8	MW-48S_20231205	210776	5.05	701486	8.02	379228	10.44
480-215449-9	DUP-1_202312	212978	5.05	690393	8.01	364174	10.44
480-215449-10	TRIP BLANK	215508	5.05	710590	8.01	382648	10.44
480-215449-8 MS	MW-48S_20231205 MS MS	221537	5.05	745477	8.02	394223	10.44
480-215449-8 MSD	MW-48S_20231205 MSD MSD	224014	5.05	747102	8.01	396036	10.44

FB = Fluorobenzene (IS)
FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4
Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Sample No.: CCVIS 480-694708/4 Date Analyzed: 12/08/2023 10:01

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm)

Lab File ID (Standard): N3719.d Heated Purge: (Y/N) N

Calibration ID: 45780

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		232884	5.05	792621	8.02	397998	10.44
UPPER LIMIT		465768	5.55	1585242	8.52	795996	10.94
LOWER LIMIT		116442	4.55	396311	7.52	198999	9.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-694708/6		217349	5.05	761026	8.01	378317	10.44
MB 480-694708/8		219726	5.05	708515	8.02	376349	10.44
480-215449-7 DL	MW-46S_20231205 DL	205755	5.05	712281	8.02	353658	10.44
480-215449-9 DL	DUP-1_202312 DL	204580	5.05	696705	8.02	356844	10.44
480-215449-7 MS	MW-46S_20231205 MS	203437	5.05	716300	8.02	359503	10.44
480-215449-7 MSD	MW-46S_20231205 MSD	207164	5.05	729205	8.01	370482	10.44

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-C11_20231204 | Lab Sample ID: 480-215449-1

Matrix: Water | Lab File ID: N3672.d

Analysis Method: 8260C | Date Collected: 12/04/2023 11:25

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 15:11

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.: 694533 | 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)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	87		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3672.d
Lims ID: 480-215449-D-1
Client ID: MW-C11_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:11:30 ALS Bottle#: 17 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-1
Misc. Info.: 480-0115411-038
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:50:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	96	224031	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	93	704759	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	378207	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	92	248930	21.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	95	323974	21.0	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	95	728621	23.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	84	253395	23.5	
55 Benzene	78		4.779				ND	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91		8.137				ND	
90 m-Xylene & p-Xylene	106		8.259				ND	
91 o-Xylene	106		8.685				ND	
S 125 Total BTEX	1		30.000				ND	7
S 126 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

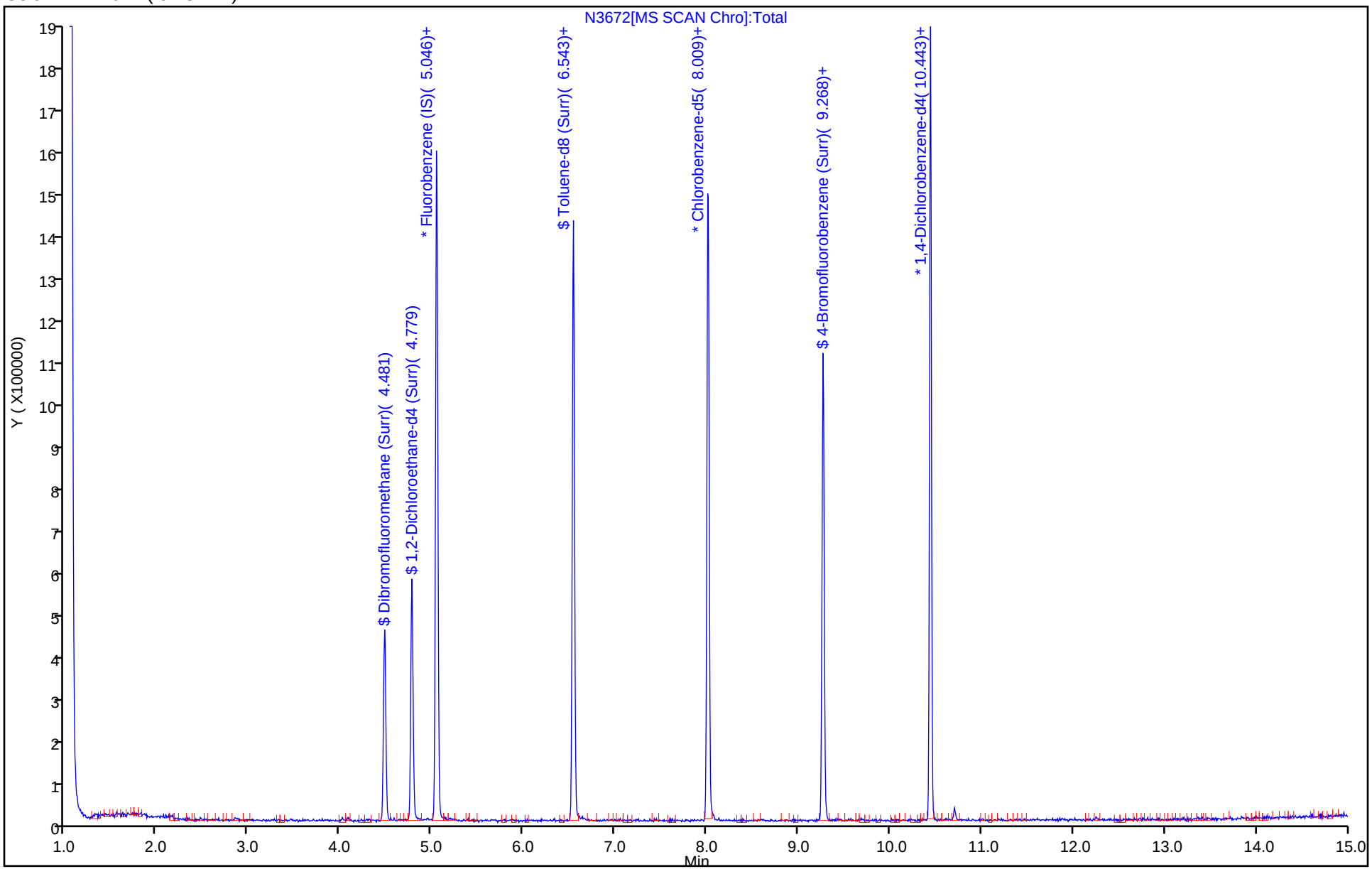
Report Date: 08-Dec-2023 07:50:43 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3672.d

Injection Date:	07-Dec-2023 15:11:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-1	Lab Sample ID:	480-215449-1	Worklist Smp#:	38
Client ID:	MW-C11_20231204				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3672.d
Lims ID: 480-215449-D-1
Client ID: MW-C11_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:11:30 ALS Bottle#: 17 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-1
Misc. Info.: 480-0115411-038
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:50:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	21.8	87.18
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	21.0	84.11
$ 6 Toluene-d8 (Surr)	25.0	23.0	92.04
$ 7 4-Bromofluorobenzene (Surr)	25.0	23.5	93.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-C12_20231204 | Lab Sample ID: 480-215449-2

Matrix: Water | Lab File ID: N3673.d

Analysis Method: 8260C | Date Collected: 12/04/2023 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 15:33

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.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	14		1.0	0.41
108-88-3	Toluene	1.5		1.0	0.51
100-41-4	Ethylbenzene	40		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	1.0	J	2.0	0.66
95-47-6	o-Xylene	12		1.0	0.76
1330-20-7	Xylenes, Total	13		2.0	0.66
STL00431	Total BTEX	69		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)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d
Lims ID: 480-215449-D-2
Client ID: MW-C12_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:33:30 ALS Bottle#: 18 Worklist Smp#: 39
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-2
Misc. Info.: 480-0115411-039
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:50:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.001	97	203693	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	93	681197	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	366206	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	91	261747	25.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	76	358241	25.6	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	769955	25.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.001	85	267574	25.6	
55 Benzene	78	4.779	4.779	0.000	82	499869	13.6	
73 Toluene	92	6.604	6.610	-0.006	94	31126	1.46	
88 Ethylbenzene	91	8.137	8.143	0.000	98	1691841	40.4	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	14977	1.03	
91 o-Xylene	106	8.685	8.685	0.000	98	183542	12.1	
S 125 Total BTEX	1				0		68.7	
S 126 Xylenes, Total	1				0		13.2	

QC Flag Legend

Processing Flags

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

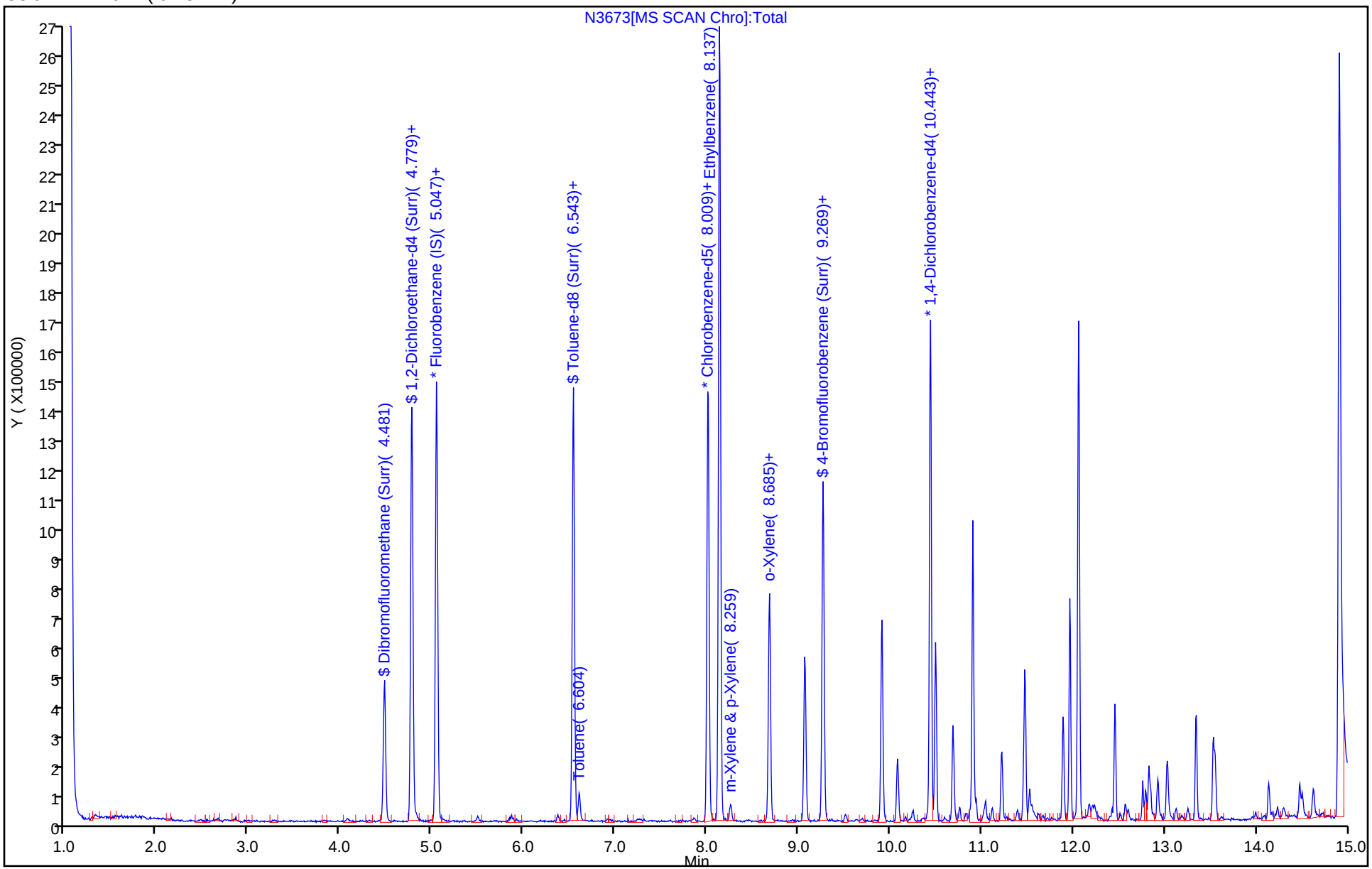
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2	Worklist Smp#:	39
Client ID:	MW-C12_20231204				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d
Lims ID: 480-215449-D-2
Client ID: MW-C12_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:33:30 ALS Bottle#: 18 Worklist Smp#: 39
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-2
Misc. Info.: 480-0115411-039
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:50:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	25.2	100.82
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.6	102.29
$ 6 Toluene-d8 (Surr)	25.0	25.2	100.62
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.6	102.49

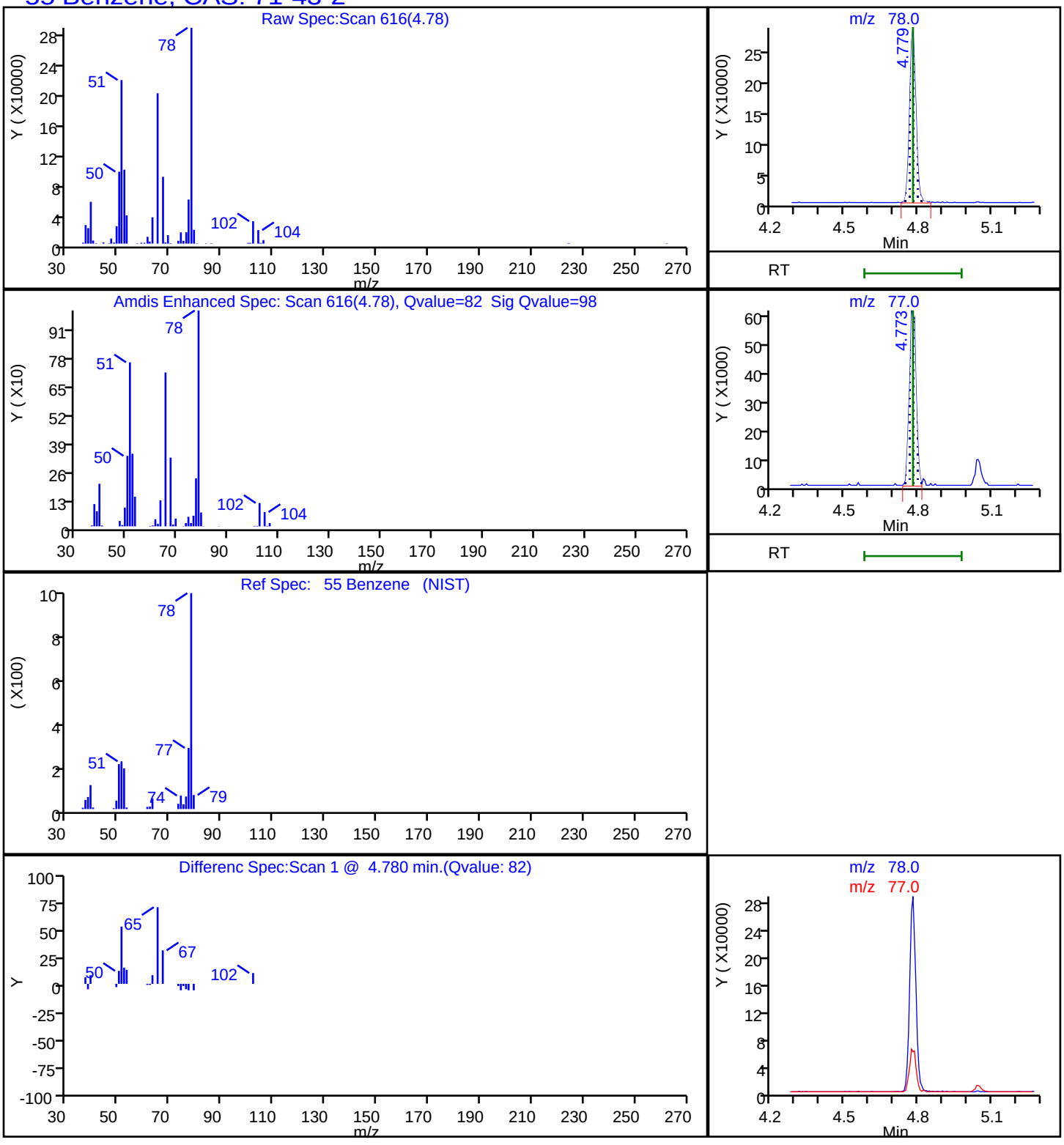
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:	CR	ALS Bottle#:	18	Worklist Smp#:	39
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



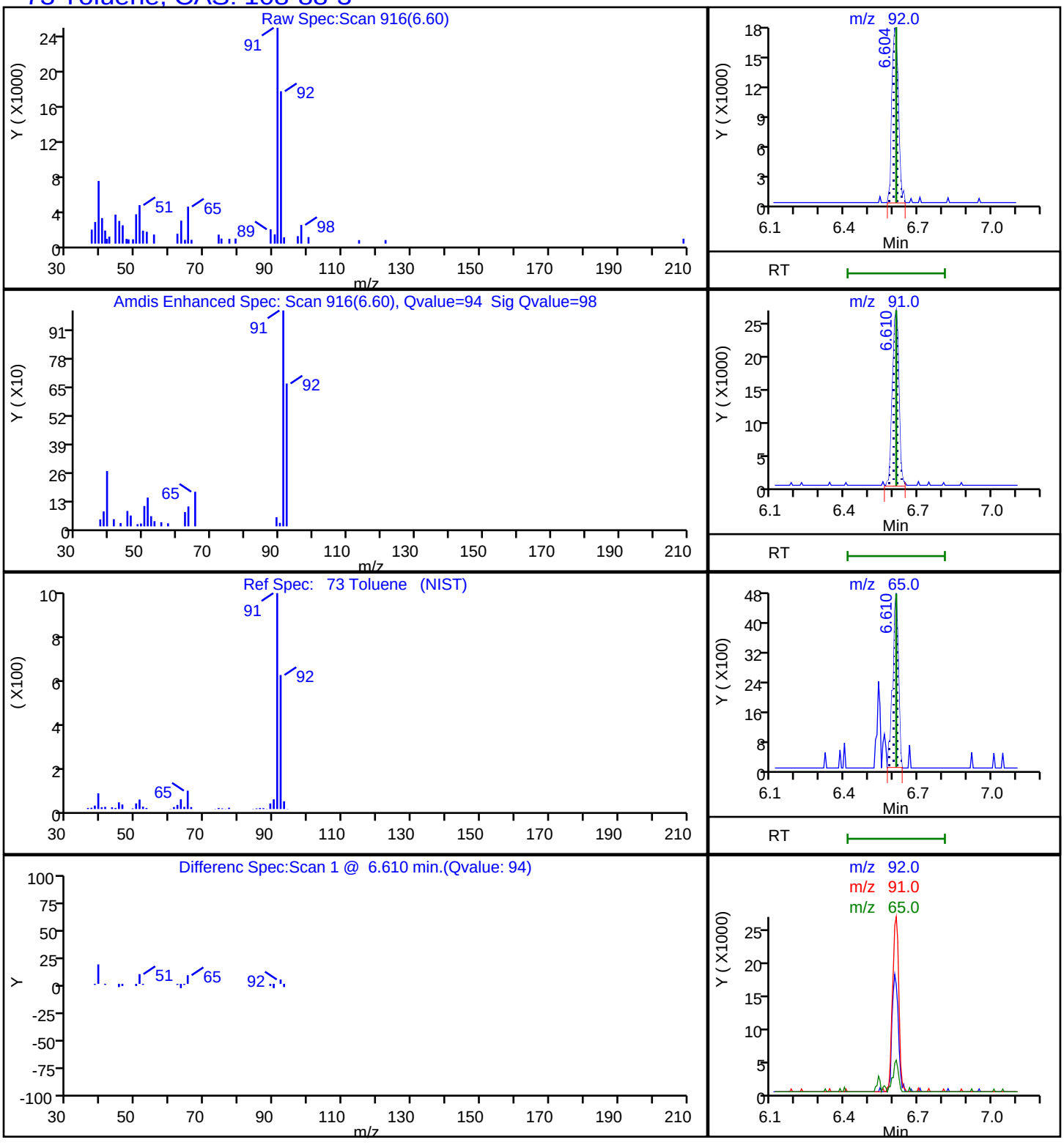
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:	CR	ALS Bottle#:	18	Worklist Smp#:	39
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

73 Toluene, CAS: 108-88-3



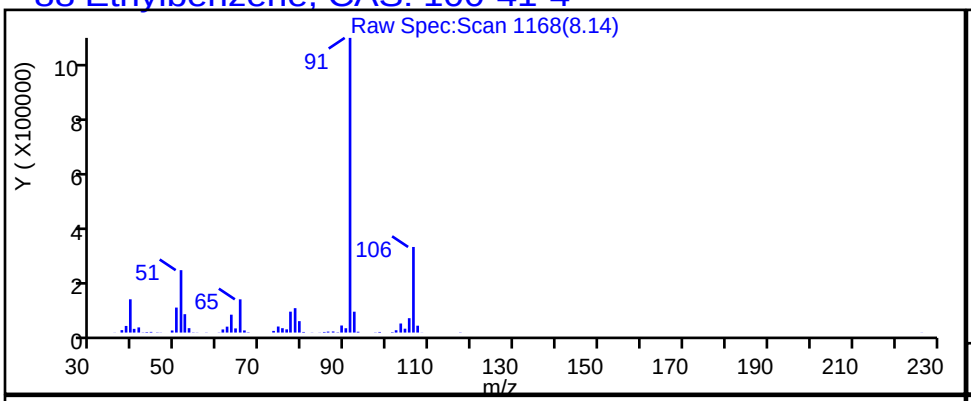
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

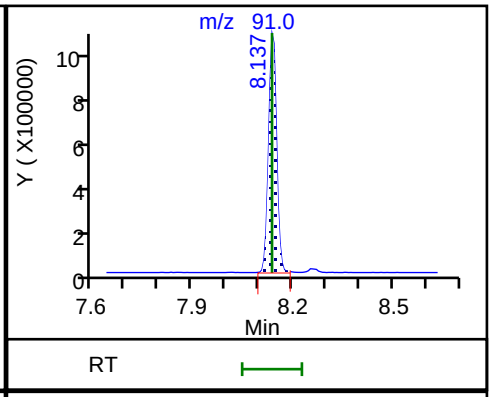
Eurofins Buffalo

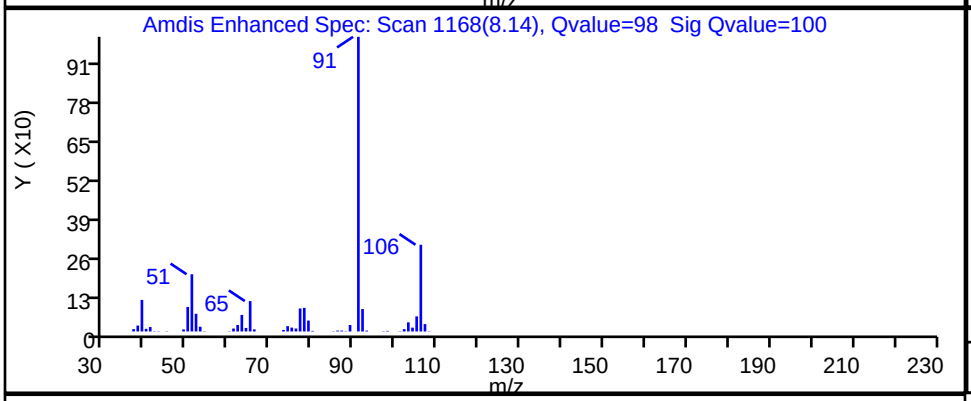
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

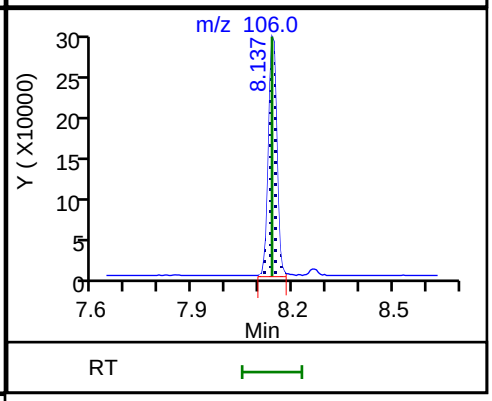
Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:	CR	ALS Bottle#:	18	Worklist Smp#:	39
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

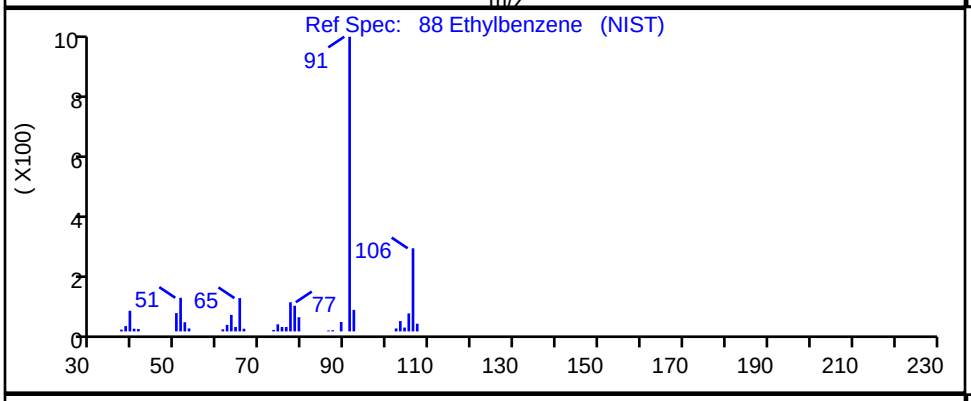
88 Ethylbenzene, CAS: 100-41-4

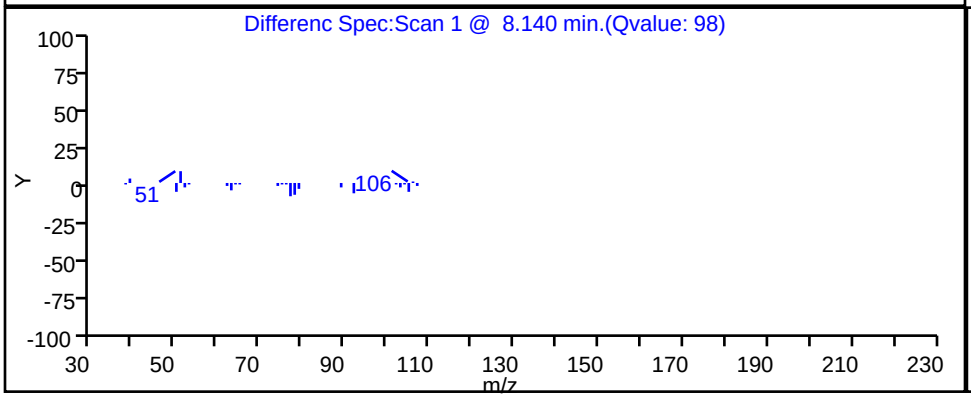


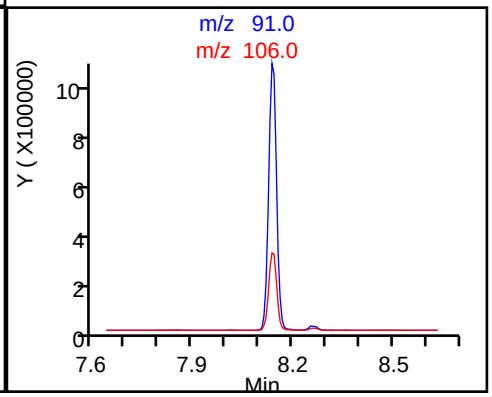












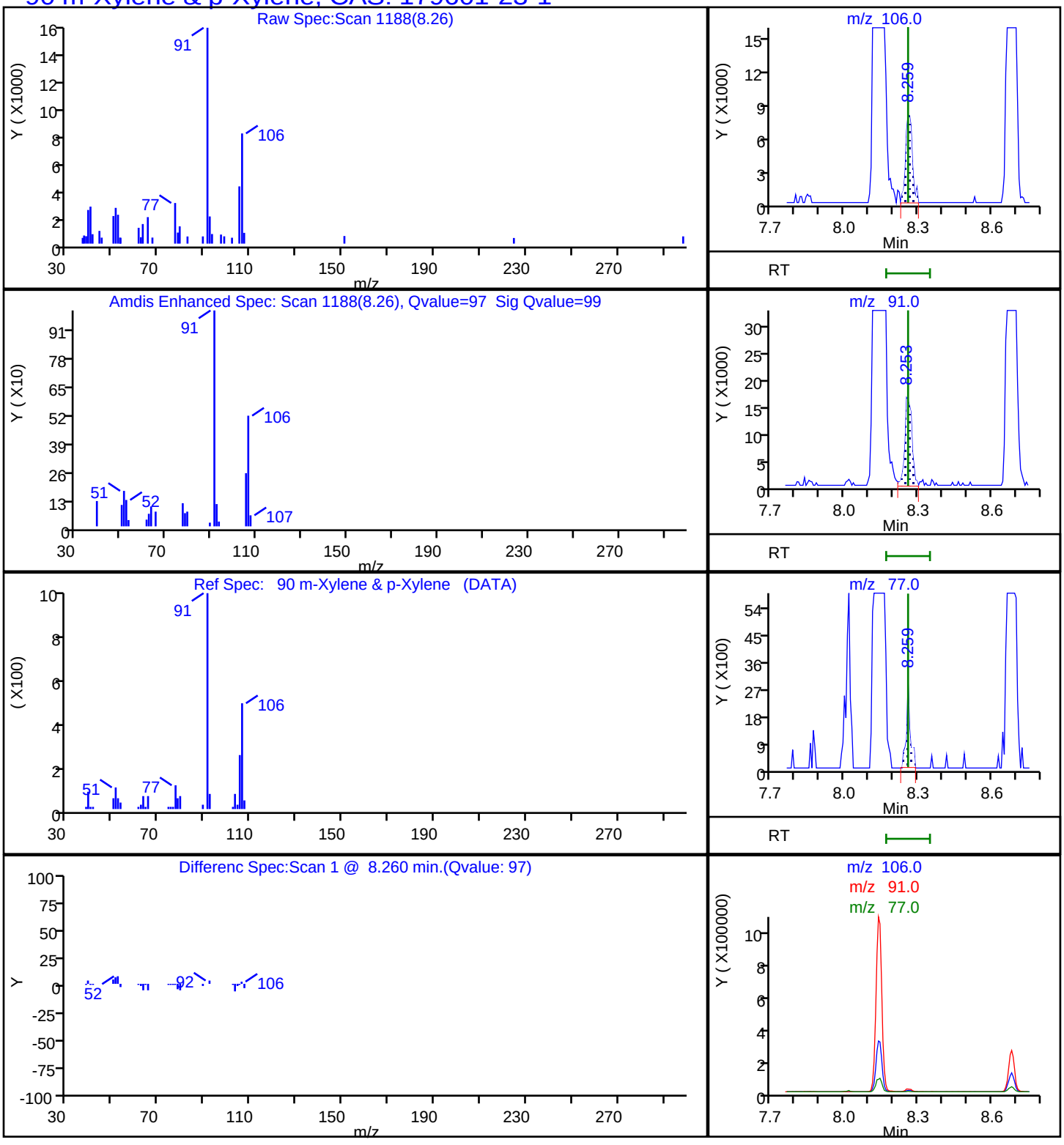
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:	CR	ALS Bottle#:	18	Worklist Smp#:	39
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



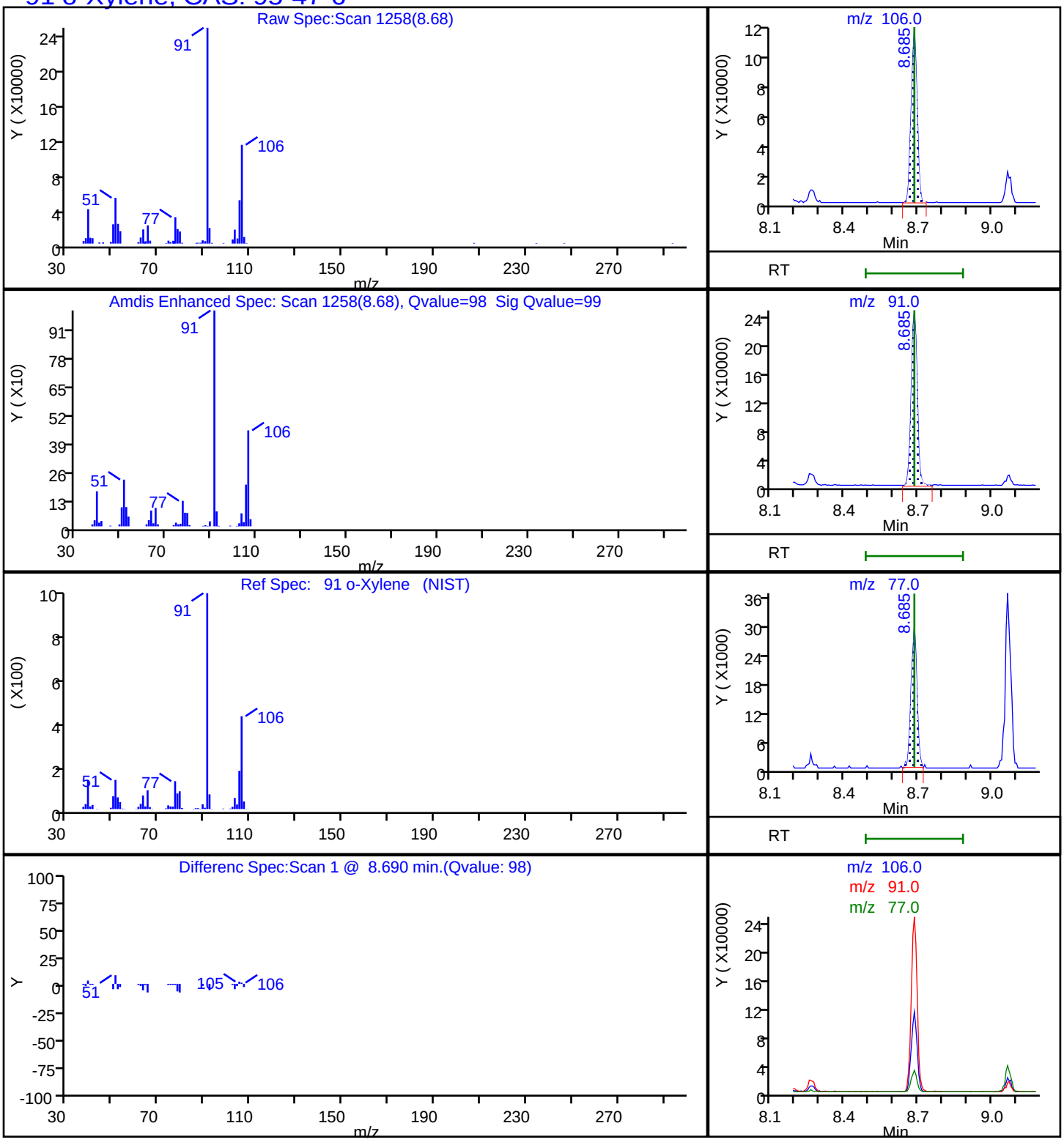
Report Date: 08-Dec-2023 07:50:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3673.d

Injection Date:	07-Dec-2023 15:33:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-2	Lab Sample ID:	480-215449-2
Client ID:	MW-C12_20231204		
Operator ID:	CR	ALS Bottle#:	18 Worklist Smp#: 39
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-C16_20231204 | Lab Sample ID: 480-215449-3

Matrix: Water | Lab File ID: N3674.d

Analysis Method: 8260C | Date Collected: 12/04/2023 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 15:55

Soil Aliquot Vol: | Dilution Factor: 5

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

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

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

Analysis Batch No.: 694533 | Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		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\HP5973N\20231207-115411.b\N3674.d
Lims ID: 480-215449-D-3
Client ID: MW-C16_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:55:30 ALS Bottle#: 19 Worklist Smp#: 40
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-3
Misc. Info.: 480-0115411-040
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.001	96	207153	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	93	663204	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	358241	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	93	255209	24.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	94	340577	23.9	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	746041	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.001	84	254757	25.1	
55 Benzene	78		4.779				ND	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91		8.137				ND	
90 m-Xylene & p-Xylene	106		8.259				ND	
91 o-Xylene	106		8.685				ND	
S 125 Total BTEX	1		30.000				ND	7
S 126 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

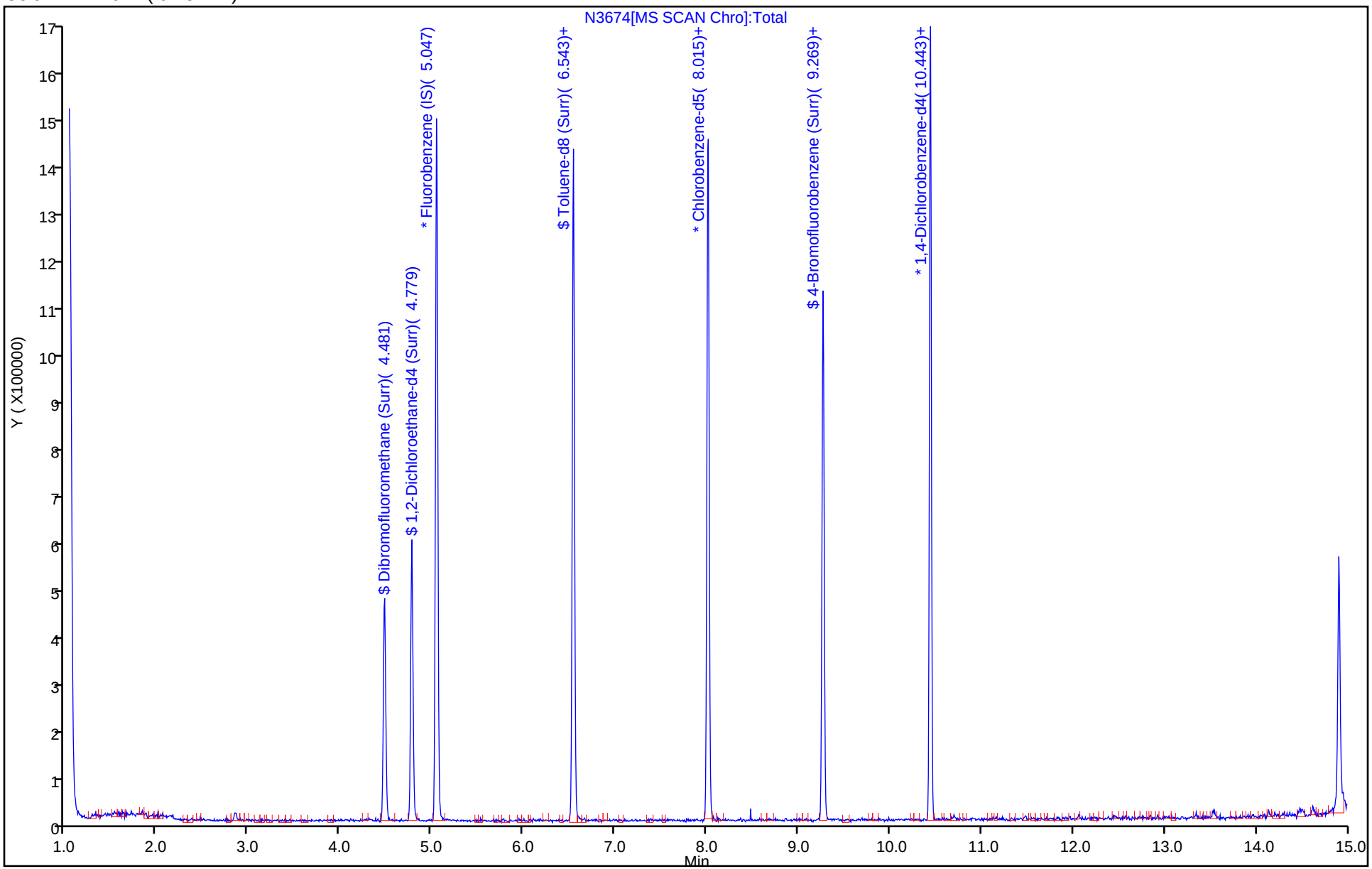
Report Date: 08-Dec-2023 07:51:09 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3674.d

Injection Date:	07-Dec-2023 15:55:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-3	Lab Sample ID:	480-215449-3	Worklist Smp#:	40
Client ID:	MW-C16_20231204				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	19
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3674.d
Lims ID: 480-215449-D-3
Client ID: MW-C16_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 15:55:30 ALS Bottle#: 19 Worklist Smp#: 40
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-3
Misc. Info.: 480-0115411-040
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	24.2	96.66
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.9	95.62
$ 6 Toluene-d8 (Surr)	25.0	25.0	100.14
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.1	100.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-13S_20231204 | Lab Sample ID: 480-215449-4

Matrix: Water | Lab File ID: N3675.d

Analysis Method: 8260C | Date Collected: 12/04/2023 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 16:17

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.: 694533 | Units: ug/L

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

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

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3675.d
Lims ID: 480-215449-D-4
Client ID: MW-13S_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 16:17:30 ALS Bottle#: 20 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-4
Misc. Info.: 480-0115411-041
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	97	204295	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	94	674457	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	350872	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	91	261640	25.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	95	344467	24.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	95	754901	24.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	86	257197	24.9	
55 Benzene	78		4.779				ND	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91		8.137				ND	
90 m-Xylene & p-Xylene	106		8.259				ND	
91 o-Xylene	106		8.685				ND	
S 125 Total BTEX	1		30.000				ND	7
S 126 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

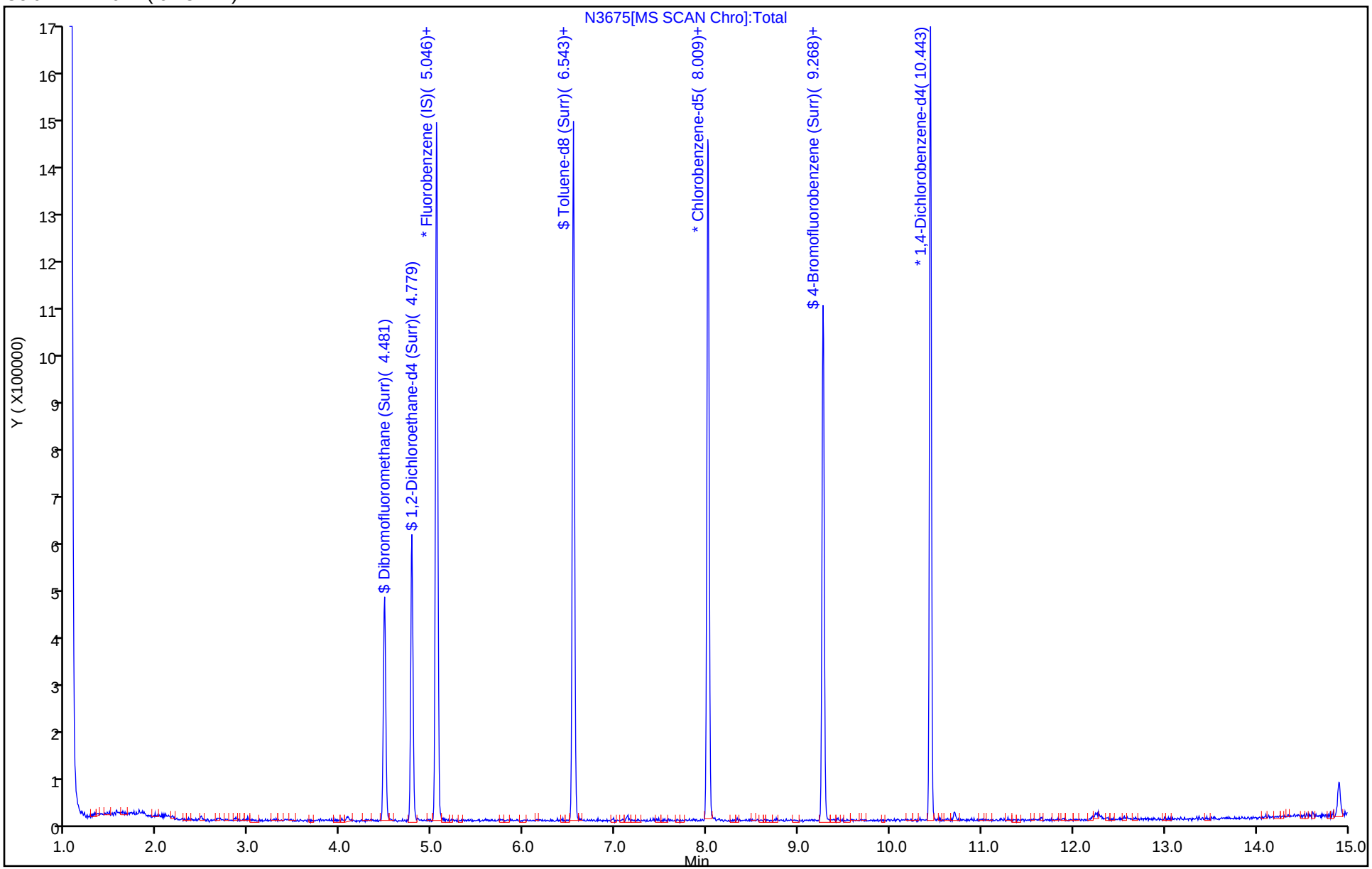
Report Date: 08-Dec-2023 07:51:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3675.d

Injection Date:	07-Dec-2023 16:17:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-4	Lab Sample ID:	480-215449-4	Worklist Smp#:	41
Client ID:	MW-13S_20231204				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3675.d
Lims ID: 480-215449-D-4
Client ID: MW-13S_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 16:17:30 ALS Bottle#: 20 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-4
Misc. Info.: 480-0115411-041
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	25.1	100.48
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.5	98.07
$ 6 Toluene-d8 (Surr)	25.0	24.9	99.64
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.9	99.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-22S_20231204 | Lab Sample ID: 480-215449-5

Matrix: Water | Lab File ID: N3676.d

Analysis Method: 8260C | Date Collected: 12/04/2023 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 16:39

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.: 694533 | 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)	93		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3676.d
Lims ID: 480-215449-D-5
Client ID: MW-22S_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 16:39:30 ALS Bottle#: 21 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-5
Misc. Info.: 480-0115411-042
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.052	5.046	0.006	98	217328	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	94	663798	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.000	95	363686	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	92	258366	23.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	95	346906	23.2	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	95	757025	25.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	84	254366	25.0	
55 Benzene	78		4.779				ND	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91		8.137				ND	
90 m-Xylene & p-Xylene	106		8.259				ND	
91 o-Xylene	106		8.685				ND	
S 125 Total BTEX	1		30.000				ND	7
S 126 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

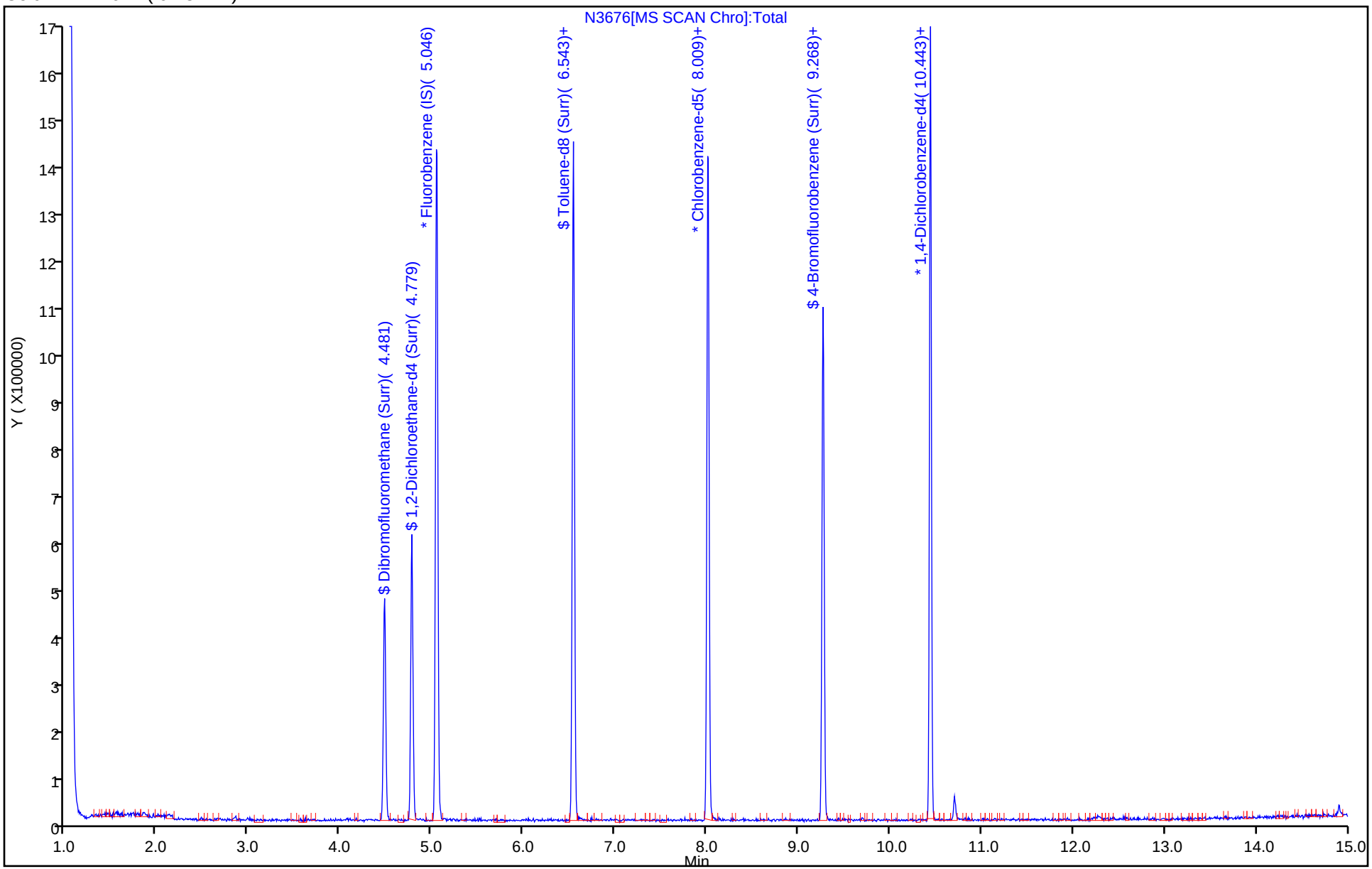
Report Date: 08-Dec-2023 07:51:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3676.d

Injection Date:	07-Dec-2023 16:39:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-5	Lab Sample ID:	480-215449-5	Worklist Smp#:	42
Client ID:	MW-22S_20231204				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3676.d
Lims ID: 480-215449-D-5
Client ID: MW-22S_20231204
Sample Type: Client
Inject. Date: 07-Dec-2023 16:39:30 ALS Bottle#: 21 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-5
Misc. Info.: 480-0115411-042
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.3	93.27
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.2	92.84
$ 6 Toluene-d8 (Surr)	25.0	25.4	101.53
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.0	99.99

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-23S_20231205 | Lab Sample ID: 480-215449-6

Matrix: Water | Lab File ID: N3677.d

Analysis Method: 8260C | Date Collected: 12/05/2023 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 17:02

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.: 694533 | 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	11		2.0	1.5
179601-23-1	m-Xylene & p-Xylene	2.0	J	4.0	1.3
95-47-6	o-Xylene	7.6		2.0	1.5
1330-20-7	Xylenes, Total	9.6		4.0	1.3
STL00431	Total BTEX	21		4.0	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d
Lims ID: 480-215449-D-6
Client ID: MW-23S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:02:30 ALS Bottle#: 22 Worklist Smp#: 43
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-215449-D-6
Misc. Info.: 480-0115411-043
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.001	97	199501	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	94	686427	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	362871	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	92	259791	25.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	94	346943	25.3	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	767369	24.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.001	84	259890	24.7	
55 Benzene	78	4.785	4.779	0.006	38	7857	0.2186	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91	8.137	8.143	0.000	98	237710	5.64	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	94	15065	1.02	
91 o-Xylene	106	8.685	8.685	0.000	98	58185	3.82	
S 125 Total BTEX	1				0		10.7	
S 126 Xylenes, Total	1				0		4.84	

QC Flag Legend

Processing Flags

Reagents:

N 8260 IS_00258	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added: 1.00	Units: uL	Run Reagent

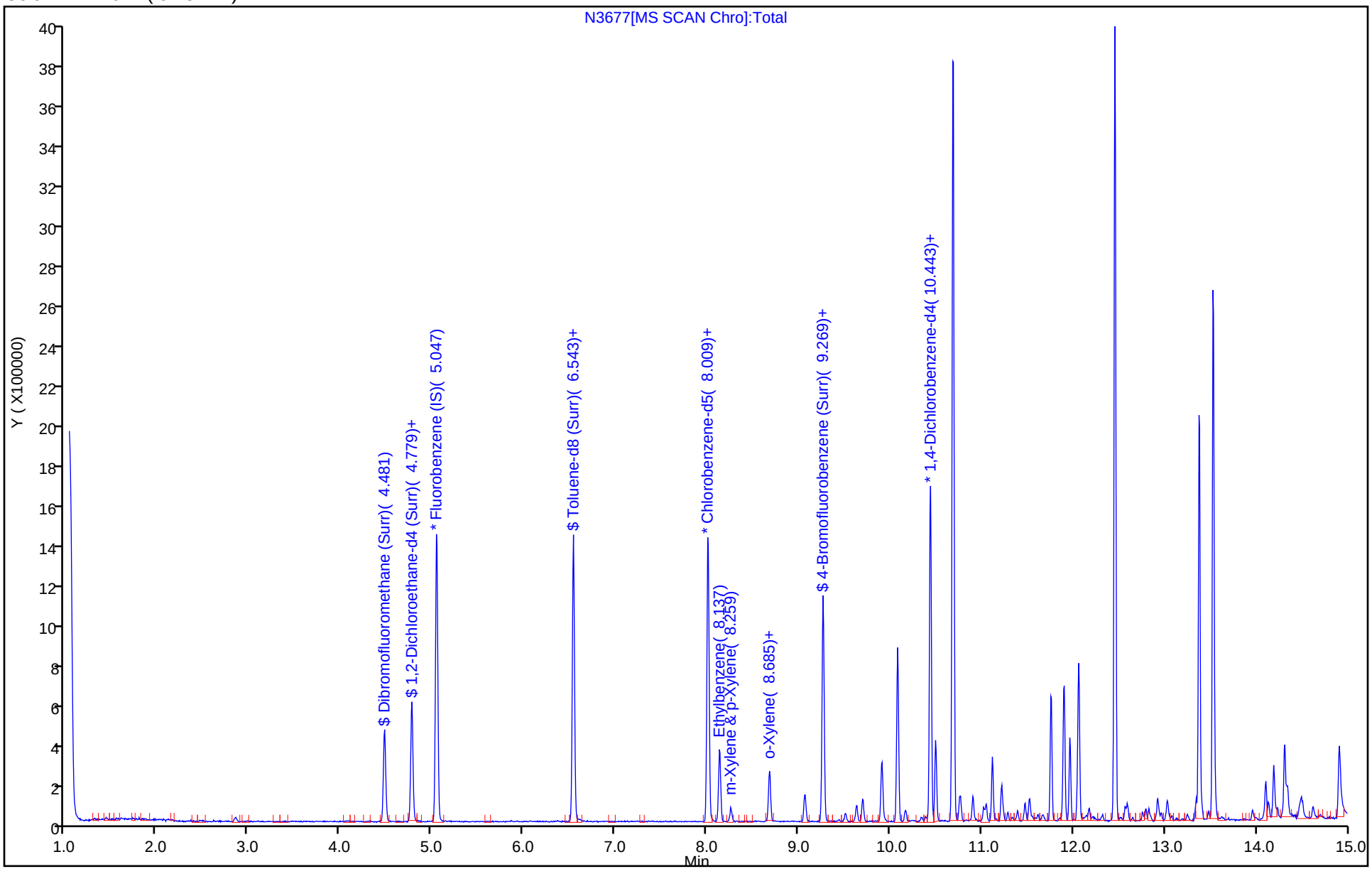
Report Date: 08-Dec-2023 07:51:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d

Injection Date:	07-Dec-2023 17:02:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-6	Lab Sample ID:	480-215449-6	Worklist Smp#:	43
Client ID:	MW-23S_20231205				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	22
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d
Lims ID: 480-215449-D-6
Client ID: MW-23S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:02:30 ALS Bottle#: 22 Worklist Smp#: 43
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 480-215449-D-6
Misc. Info.: 480-0115411-043
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:51:44

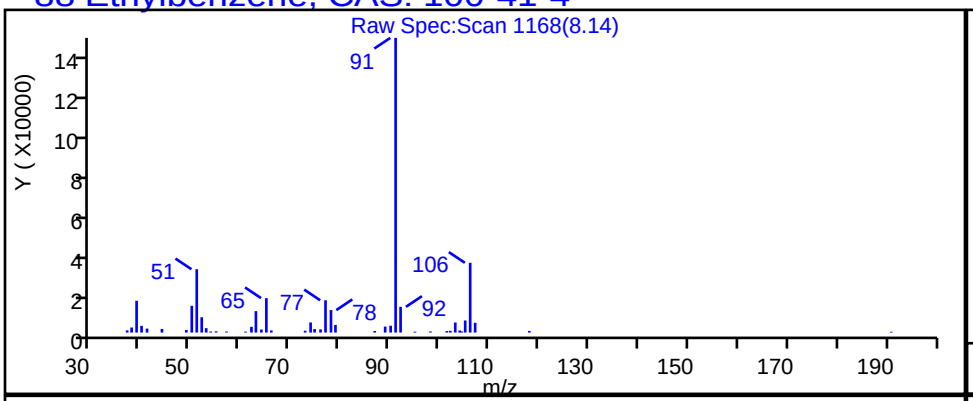
Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	25.5	102.17
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	25.3	101.14
$ 6 Toluene-d8 (Surr)	25.0	24.9	99.52
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.7	98.79

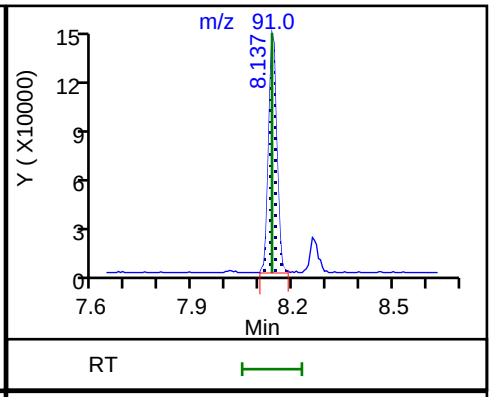
Eurofins Buffalo

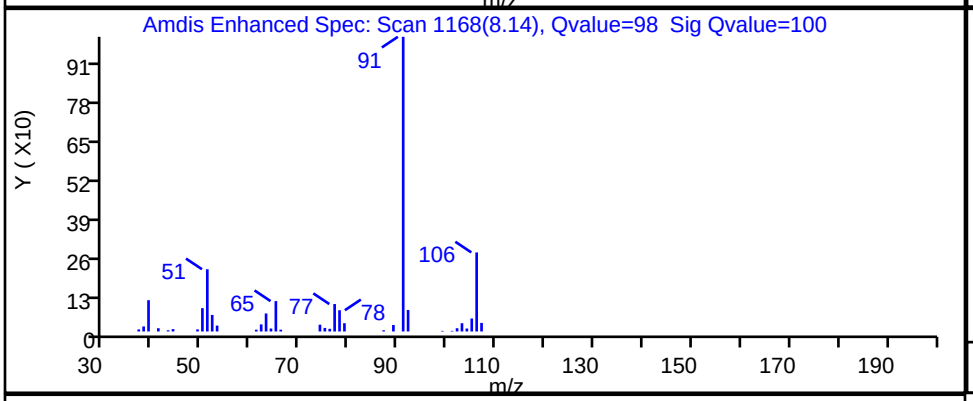
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d

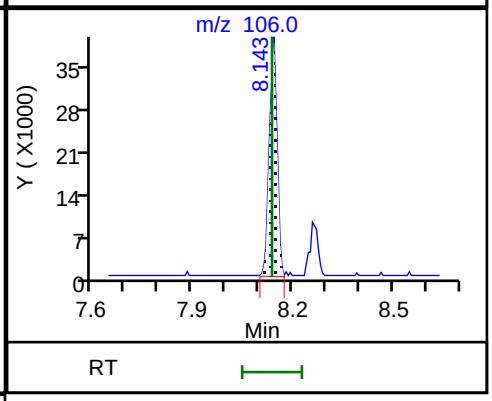
Injection Date:	07-Dec-2023 17:02:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-6	Lab Sample ID:	480-215449-6
Client ID:	MW-23S_20231205		
Operator ID:	CR	ALS Bottle#:	22 Worklist Smp#: 43
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

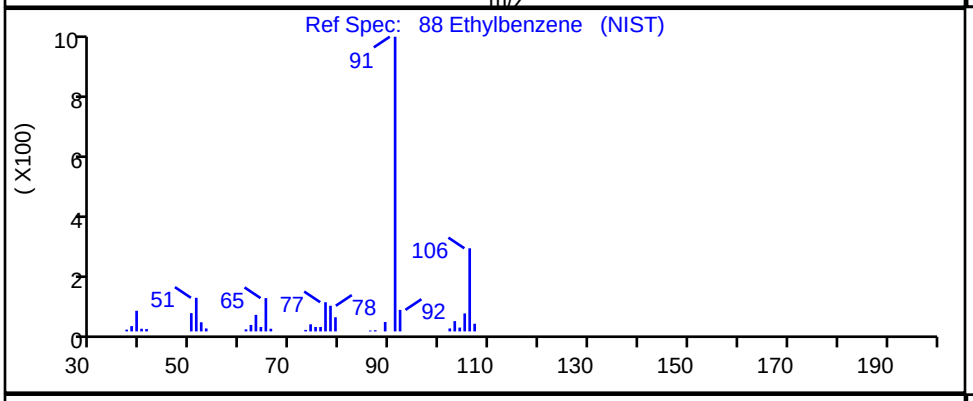
88 Ethylbenzene, CAS: 100-41-4

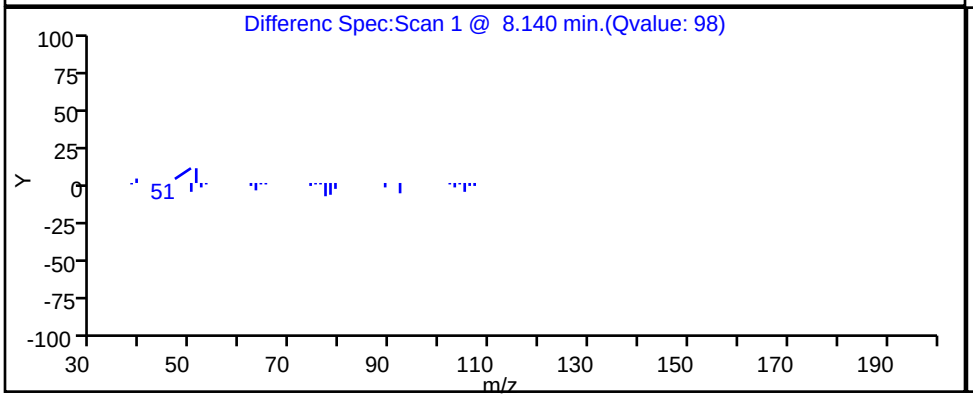


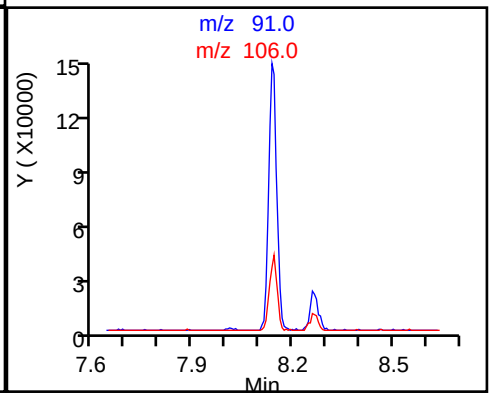












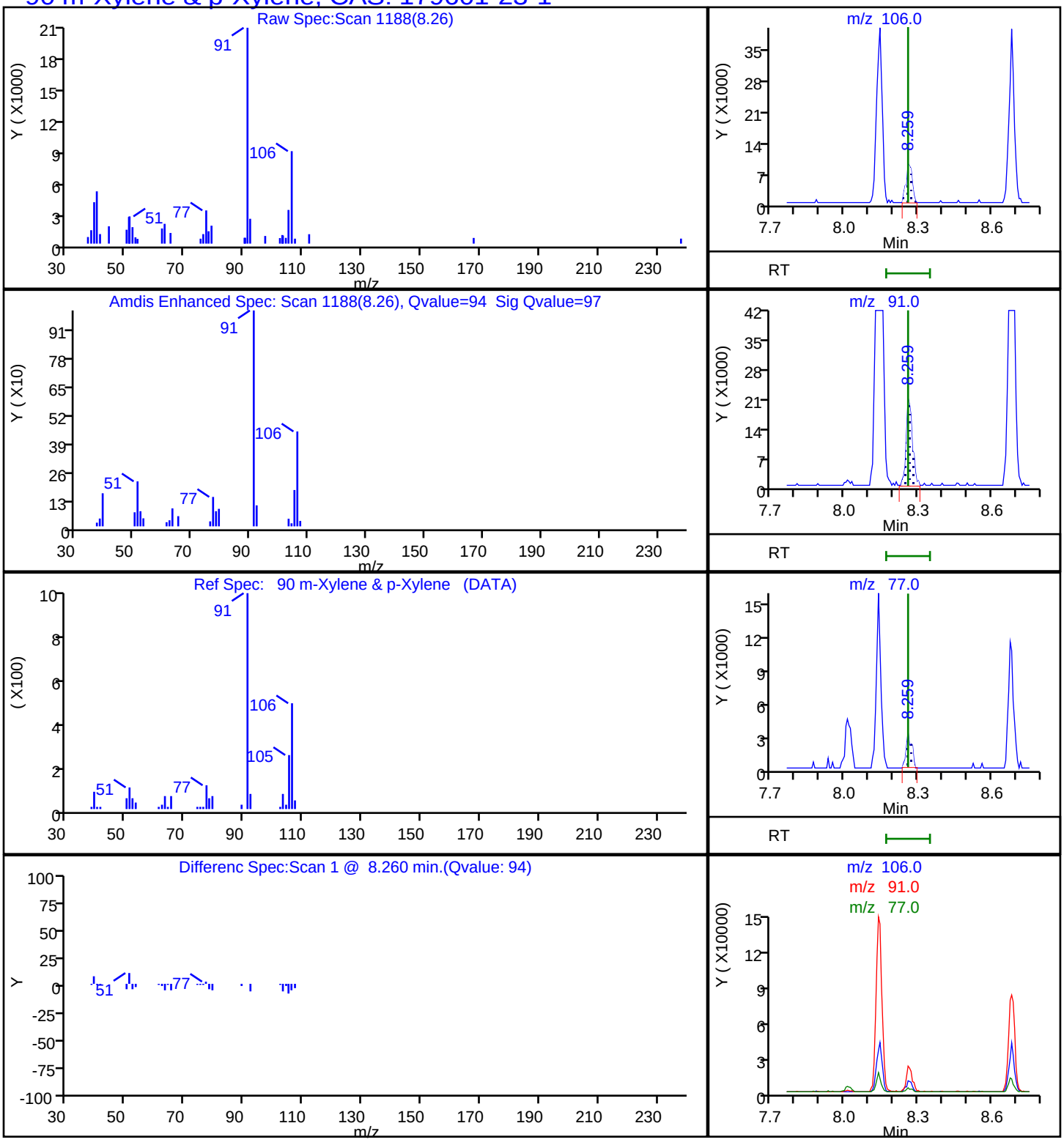
Report Date: 08-Dec-2023 07:51:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d

Injection Date:	07-Dec-2023 17:02:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-6	Lab Sample ID:	480-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:	CR	ALS Bottle#:	22	Worklist Smp#:	43
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



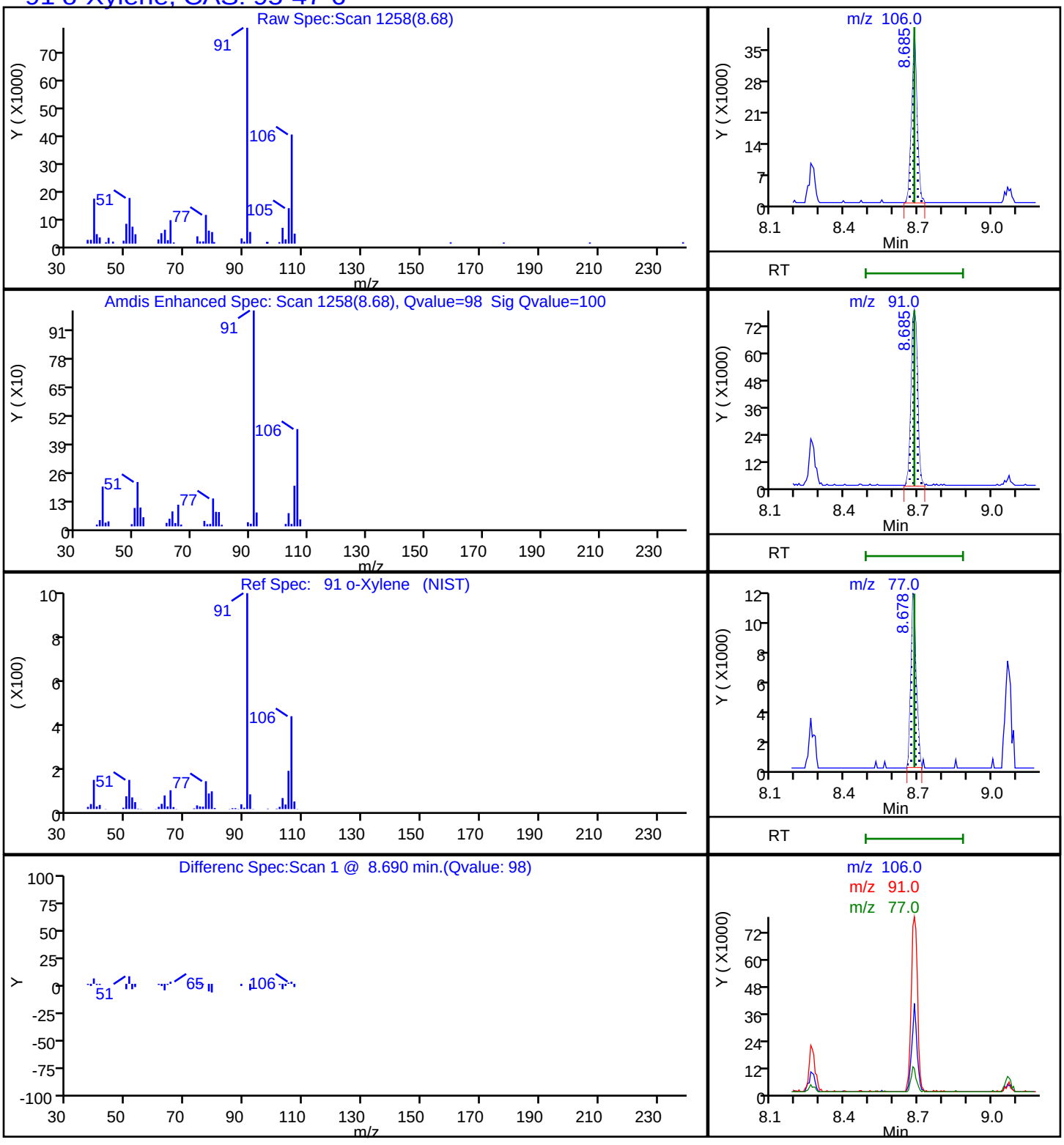
Report Date: 08-Dec-2023 07:51:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3677.d

Injection Date:	07-Dec-2023 17:02:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-6	Lab Sample ID:	480-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:	CR	ALS Bottle#:	22	Worklist Smp#:	43
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 | Lab Sample ID: 480-215449-7

Matrix: Water | Lab File ID: N3678.d

Analysis Method: 8260C | Date Collected: 12/05/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 17:24

Soil Aliquot Vol: | Dilution Factor: 5

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

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

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

Analysis Batch No.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	*Benzene*	*500*	*E*	*5.0*	*2.1*
108-88-3	*Toluene*	*4.7*	*J*	*5.0*	*2.6*
100-41-4	*Ethylbenzene*	*430*		*5.0*	*3.7*
179601-23-1	*m-Xylene & p-Xylene*	*33*		*10*	*3.3*
95-47-6	*o-Xylene*	*100*		*5.0*	*3.8*
1330-20-7	*Xylenes, Total*	*130*		*10*	*3.3*
STL00431	*Total BTEX*	*1100*	*E*	*10*	*5.0*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		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\HP5973N\20231207-115411.b\N3678.d
Lims ID: 480-215449-D-7
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:24:30 ALS Bottle#: 23 Worklist Smp#: 44
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-7
Misc. Info.: 480-0115411-044
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:52:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	96	212674	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	94	688210	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	96	373514	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	92	259679	23.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	48	353139	24.1	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	783436	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.275	9.269	0.007	87	268096	25.4	
55 Benzene	78	4.779	4.779	0.000	91	3864291	100.9	E
73 Toluene	92	6.610	6.610	0.000	94	20454	0.9480	
88 Ethylbenzene	91	8.137	8.143	0.000	98	3669223	86.8	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	95	98164	6.66	
91 o-Xylene	106	8.684	8.685	-0.001	98	313541	20.5	
S 125 Total BTEX	1				0		215.8	E
S 126 Xylenes, Total	1				0		27.2	

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7	Worklist Smp#:	44
Client ID:	MW-46S_20231205				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	23
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)

Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d
Lims ID: 480-215449-D-7
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:24:30 ALS Bottle#: 23 Worklist Smp#: 44
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-7
Misc. Info.: 480-0115411-044
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:52:40

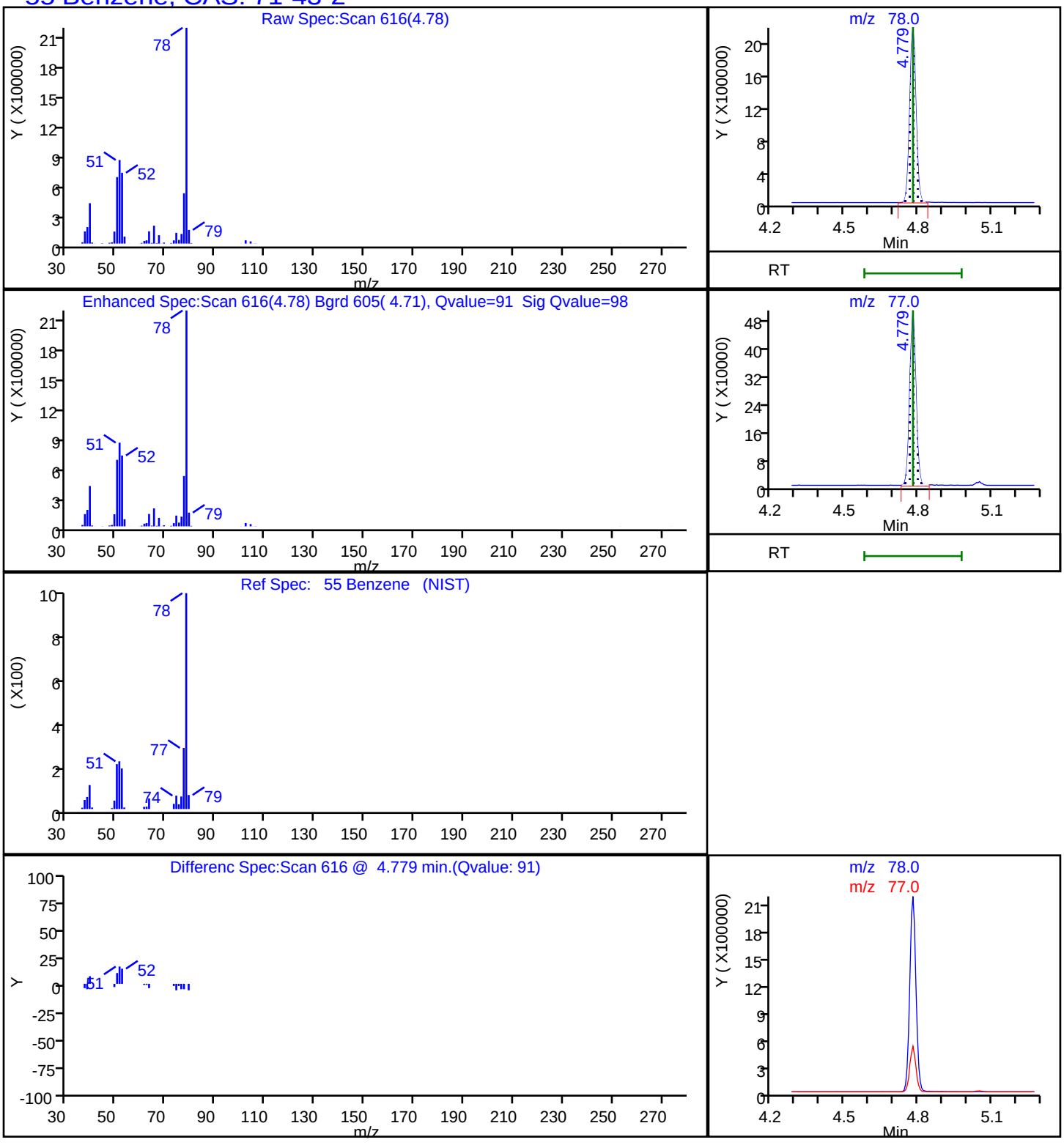
Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.9	95.80
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.1	96.57
$ 6 Toluene-d8 (Surr)	25.0	25.3	101.34
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.4	101.65

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	23	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



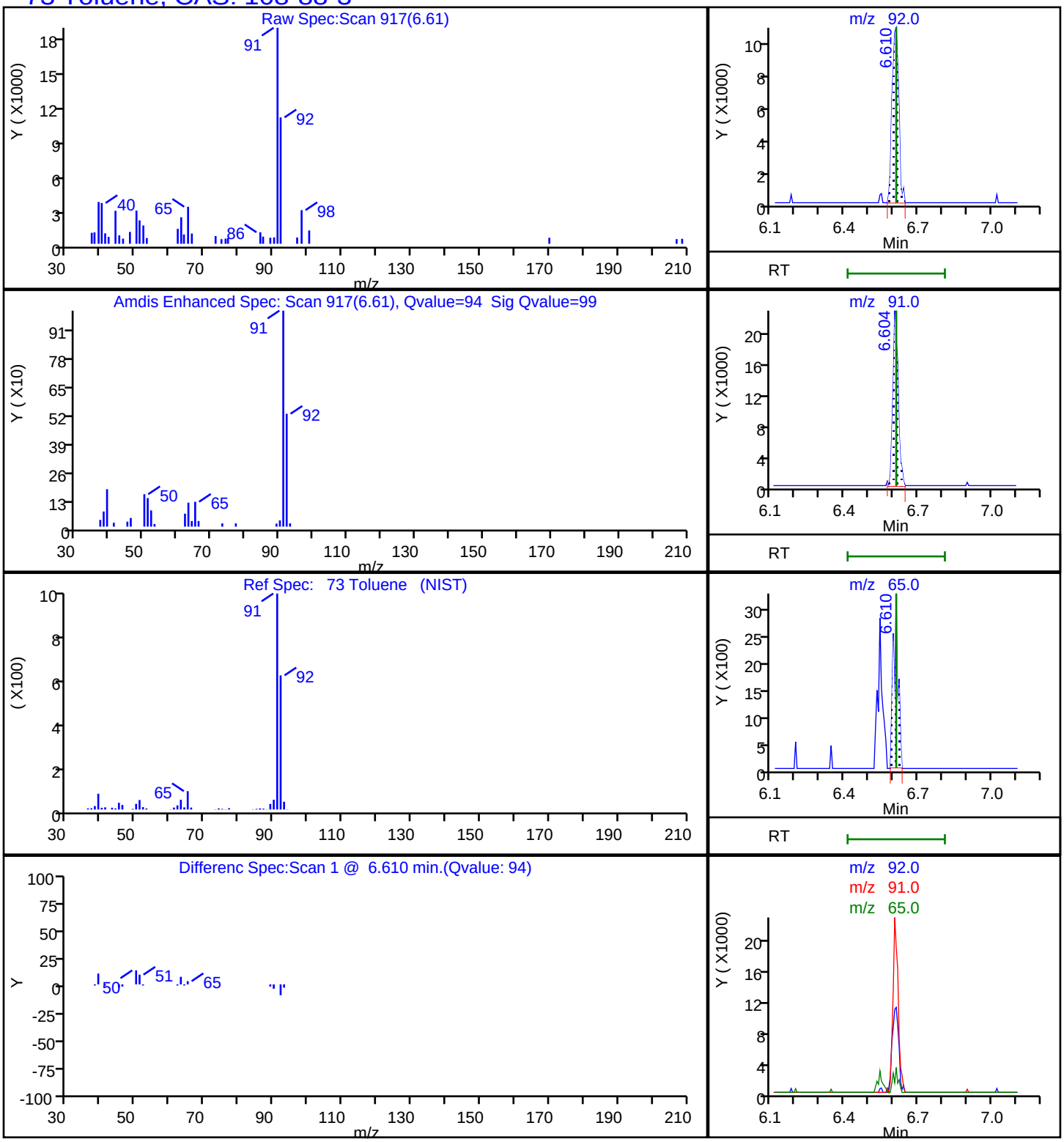
Report Date: 08-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	23	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

73 Toluene, CAS: 108-88-3



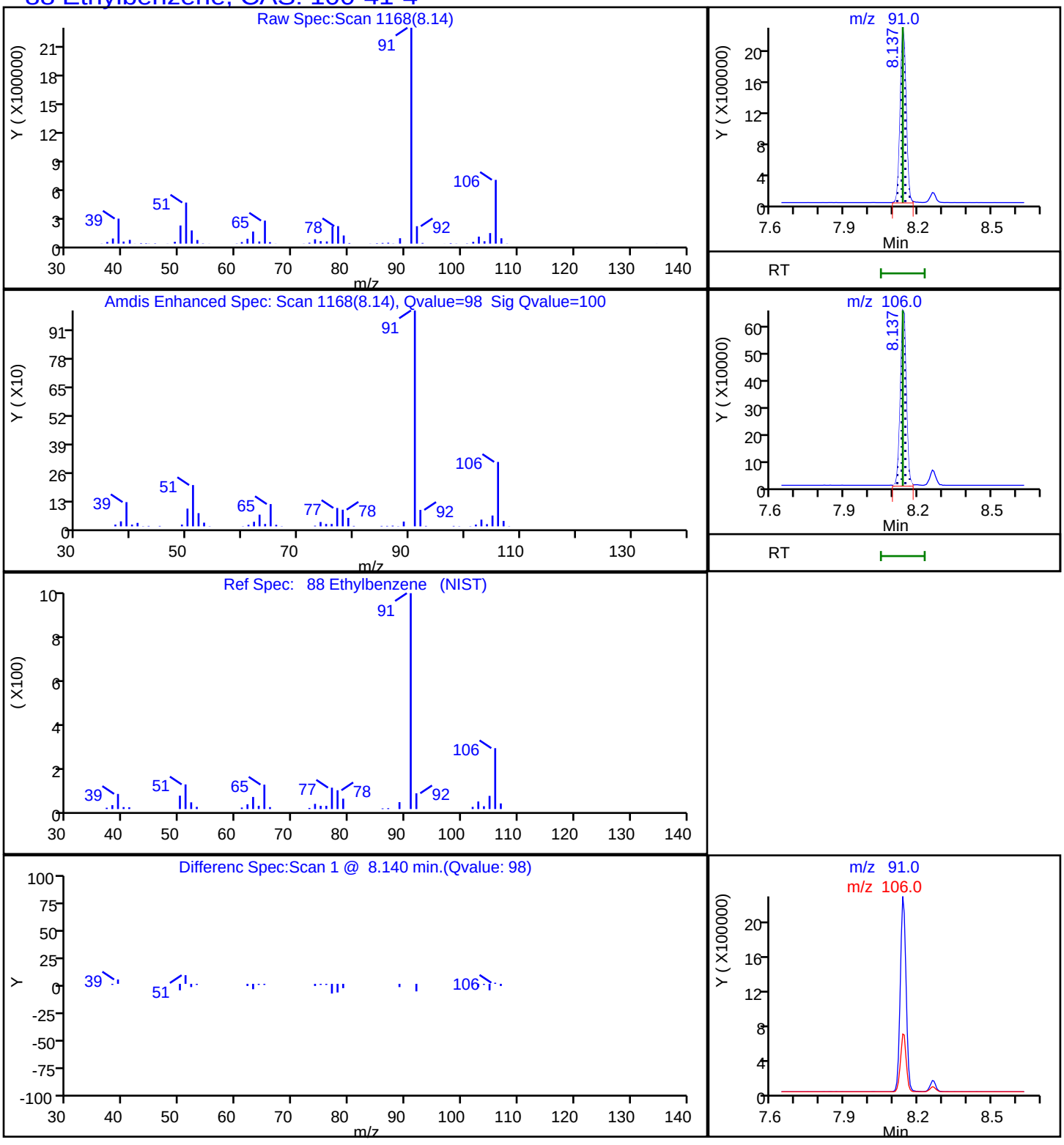
Report Date: 08-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	23	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

88 Ethylbenzene, CAS: 100-41-4



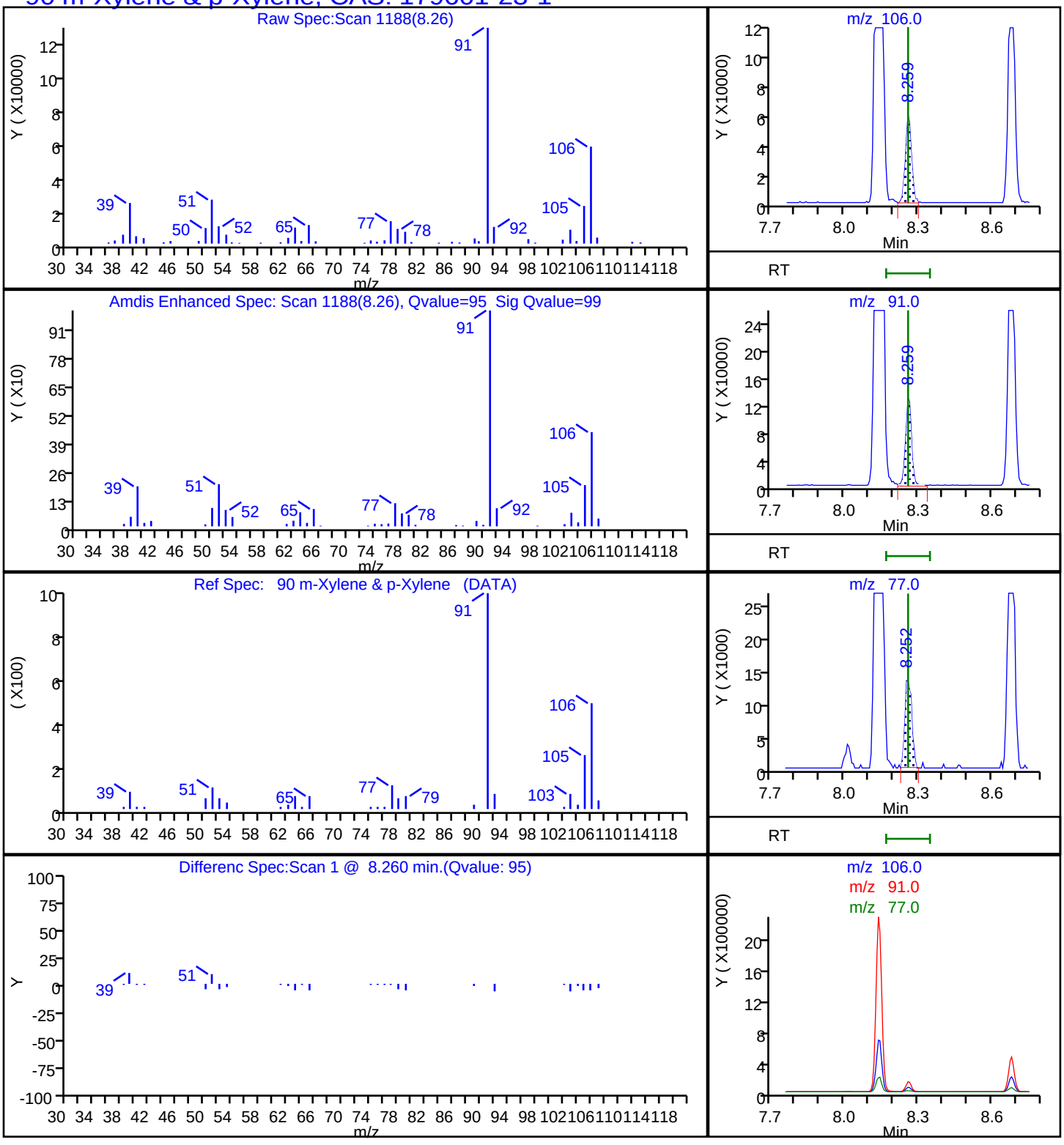
Report Date: 08-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	23	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



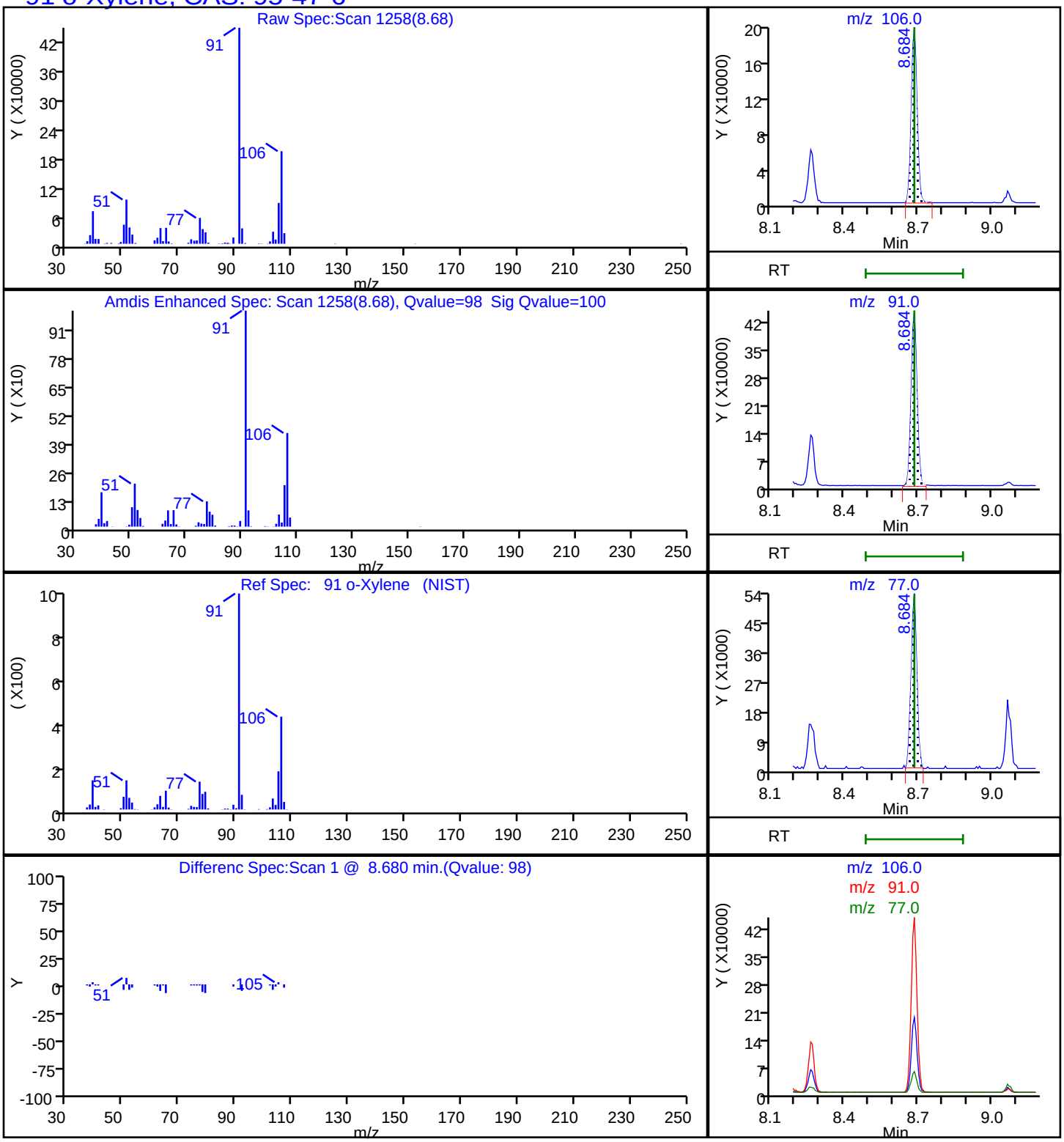
Report Date: 08-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3678.d

Injection Date:	07-Dec-2023 17:24:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	23	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 DL | Lab Sample ID: 480-215449-7 DL

Matrix: Water | Lab File ID: N3734.d

Analysis Method: 8260C | Date Collected: 12/05/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 15:51

Soil Aliquot Vol: | Dilution Factor: 10

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.: 694708 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	580	F1	10	4.1
108-88-3	Toluene	5.1	J	10	5.1
100-41-4	Ethylbenzene	450	F1	10	7.4
179601-23-1	m-Xylene & p-Xylene	35		20	6.6
95-47-6	o-Xylene	100		10	7.6
1330-20-7	Xylenes, Total	140		20	6.6
STL00431	Total BTEX	1200		20	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d
Lims ID: 480-215449-E-7
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 08-Dec-2023 15:51:30 ALS Bottle#: 19 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7
Misc. Info.: 480-0115432-041
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 07:51:22 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 07:52:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	97	205755	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	94	712281	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	-0.001	95	353658	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.006	92	254869	24.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	53	352612	24.9	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	799362	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.275	-0.007	91	262734	24.1	
55 Benzene	78	4.779	4.779	0.000	90	2141978	57.8	
73 Toluene	92	6.604	6.604	0.000	93	11461	0.5132	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1960861	44.8	
90 m-Xylene & p-Xylene	106	8.258	8.259	-0.001	95	53855	3.53	
91 o-Xylene	106	8.684	8.684	-0.001	98	165451	10.5	
S 125 Total BTEX	1				0		117.1	
S 126 Xylenes, Total	1				0		14.0	

QC Flag Legend

Processing Flags

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

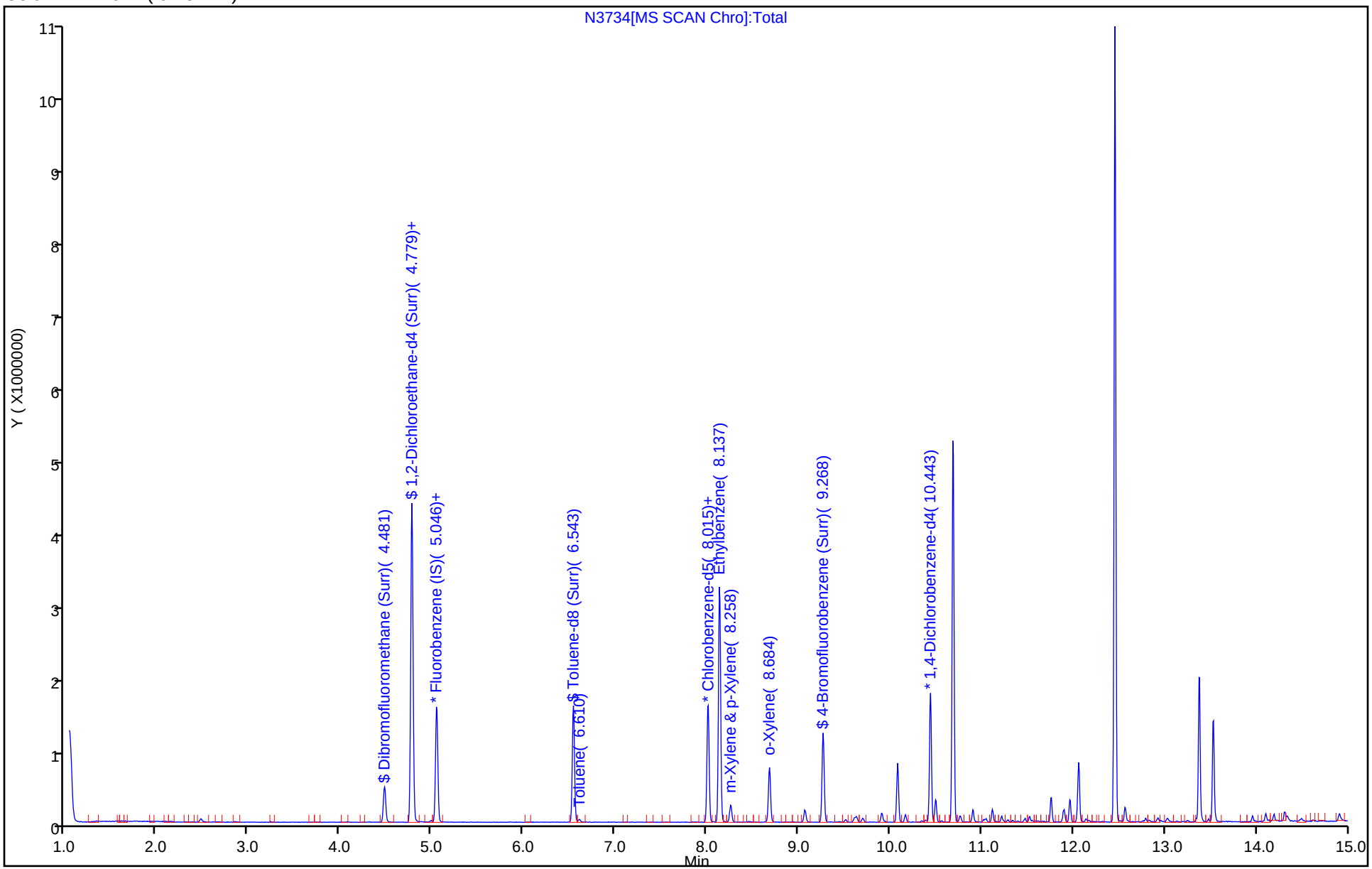
Report Date: 11-Dec-2023 07:52:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7	Worklist Smp#:	41
Client ID:	MW-46S_20231205				
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	19
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d
Lims ID: 480-215449-E-7
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 08-Dec-2023 15:51:30 ALS Bottle#: 19 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7
Misc. Info.: 480-0115432-041
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 07:51:22 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 07:52:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	24.3	97.19
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.9	99.67
$ 6 Toluene-d8 (Surr)	25.0	25.0	99.91
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.1	96.25

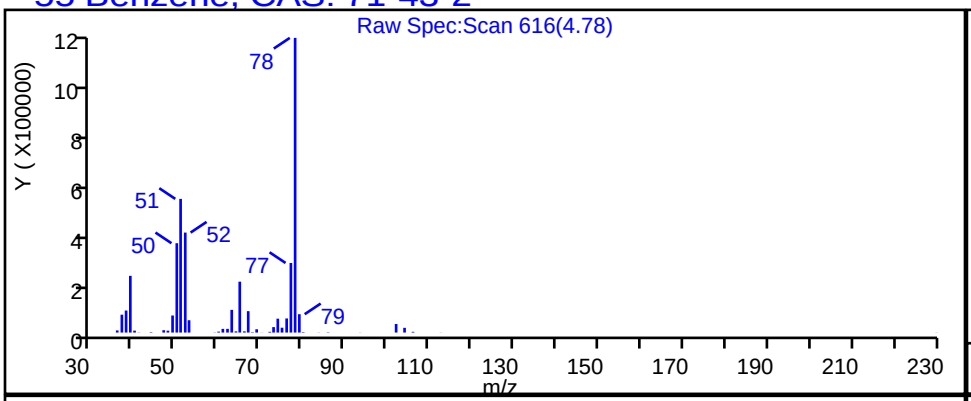
Report Date: 11-Dec-2023 07:52:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

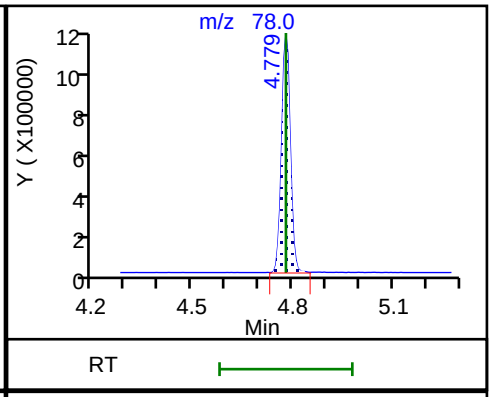
Eurofins Buffalo

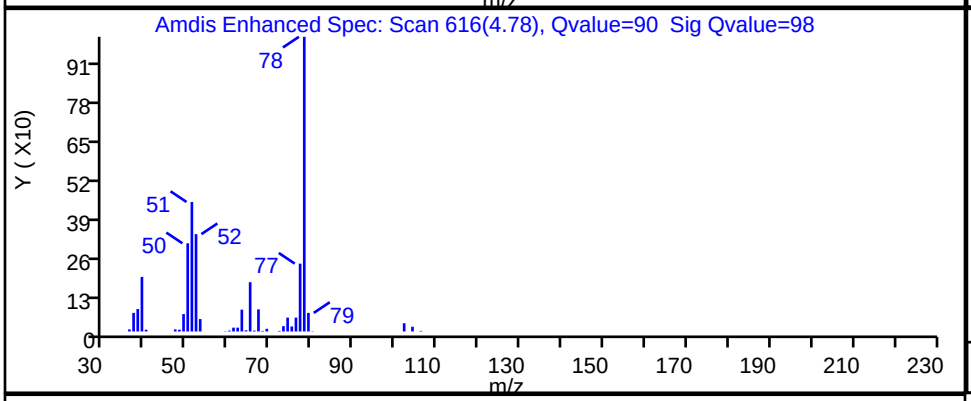
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

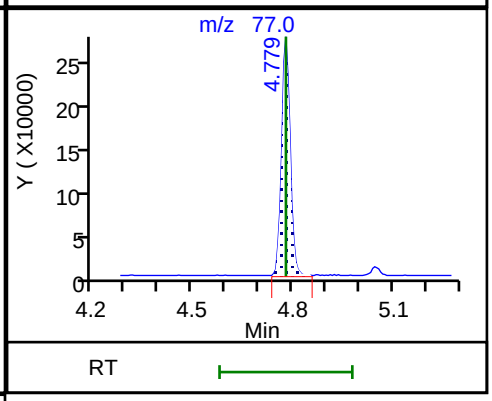
Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	19	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

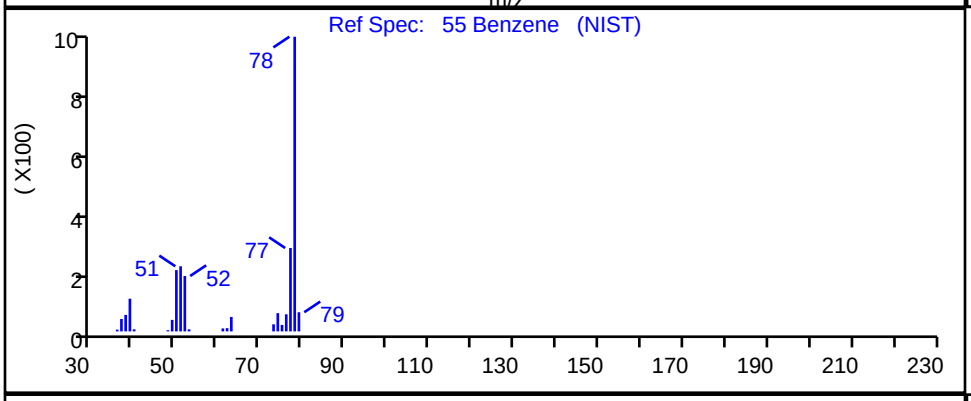
55 Benzene, CAS: 71-43-2

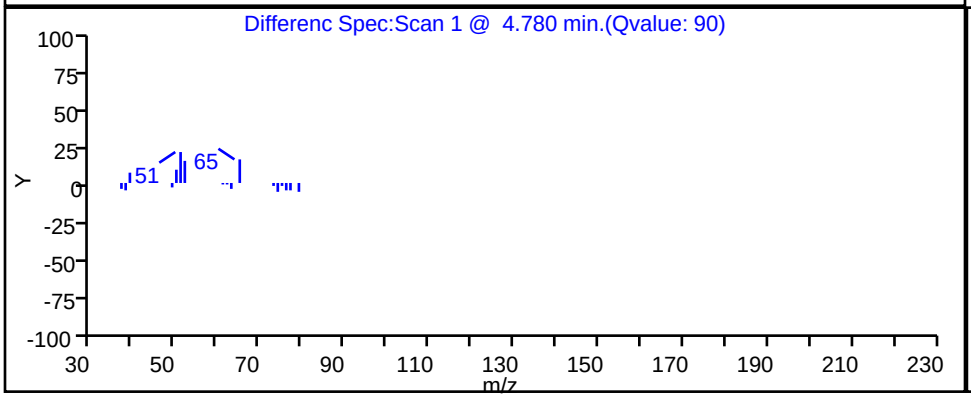


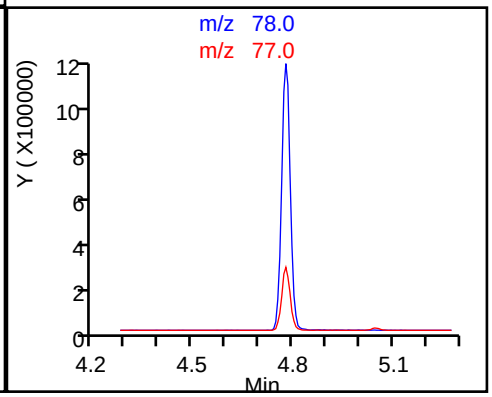










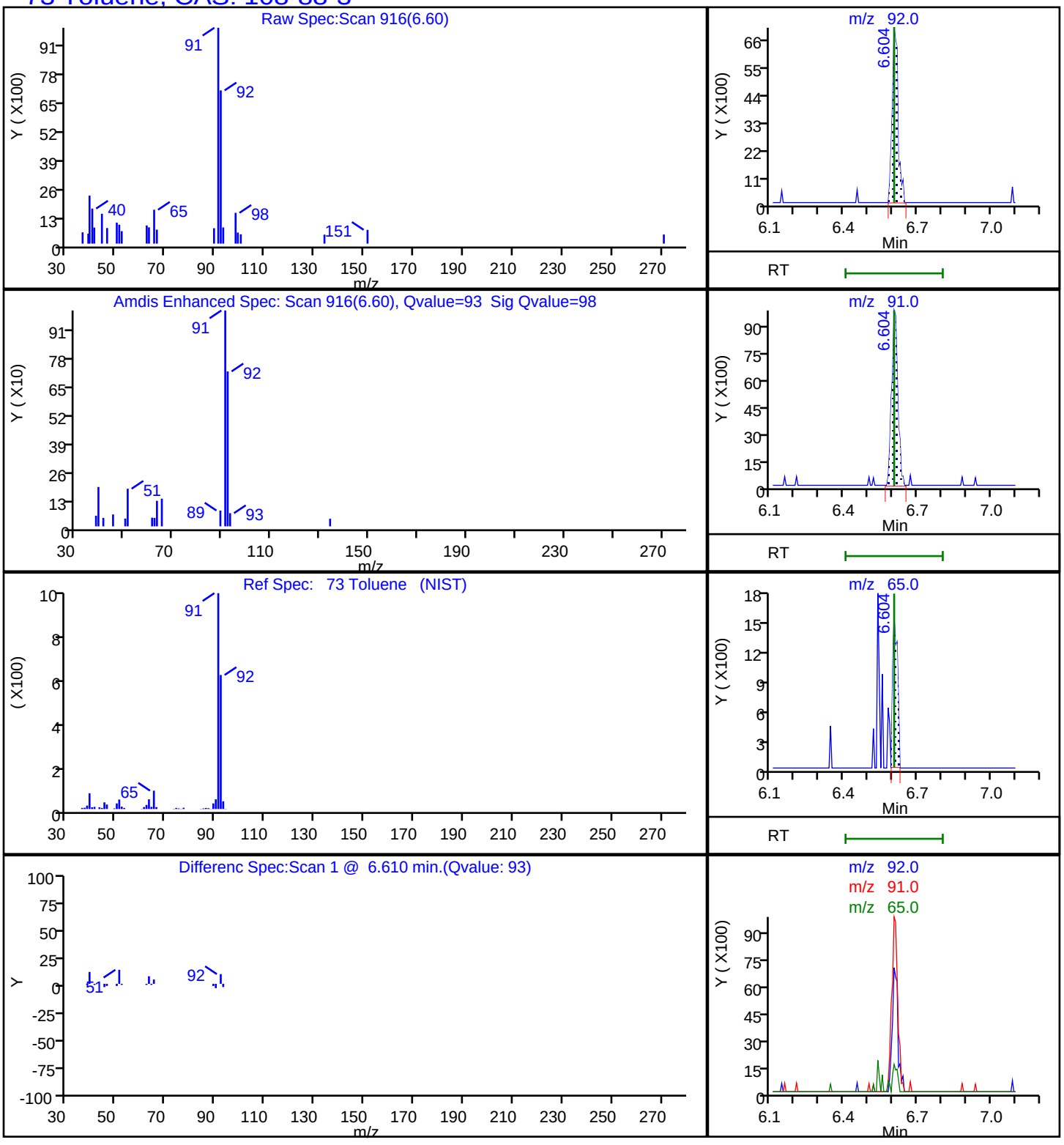


Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7
Client ID:	MW-46S_20231205		
Operator ID:	CR	ALS Bottle#:	19 Worklist Smp#: 41
Purge Vol:	5.000 mL	Dil. Factor:	10.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

73 Toluene, CAS: 108-88-3



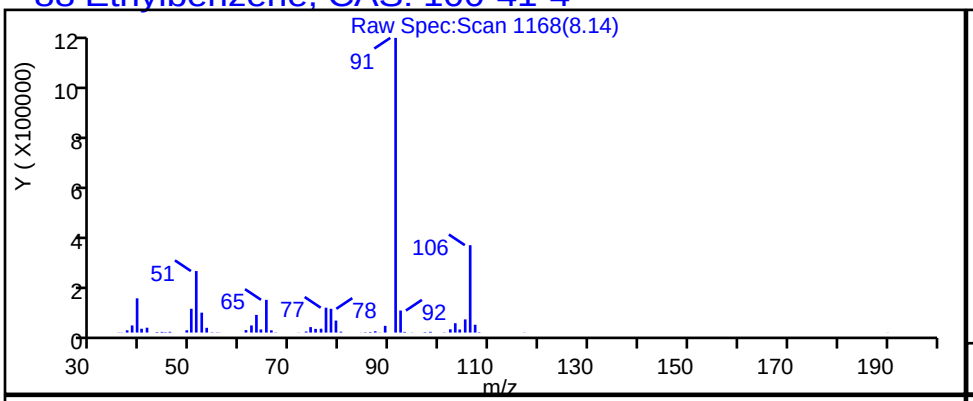
Report Date: 11-Dec-2023 07:52:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

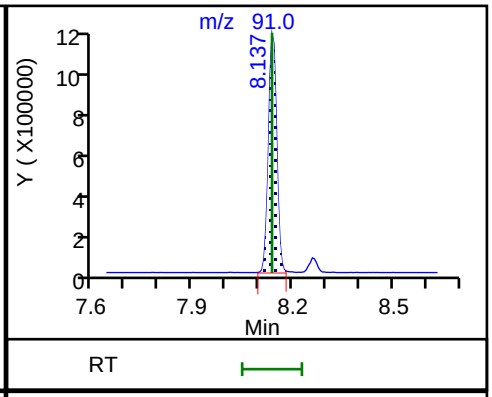
Eurofins Buffalo

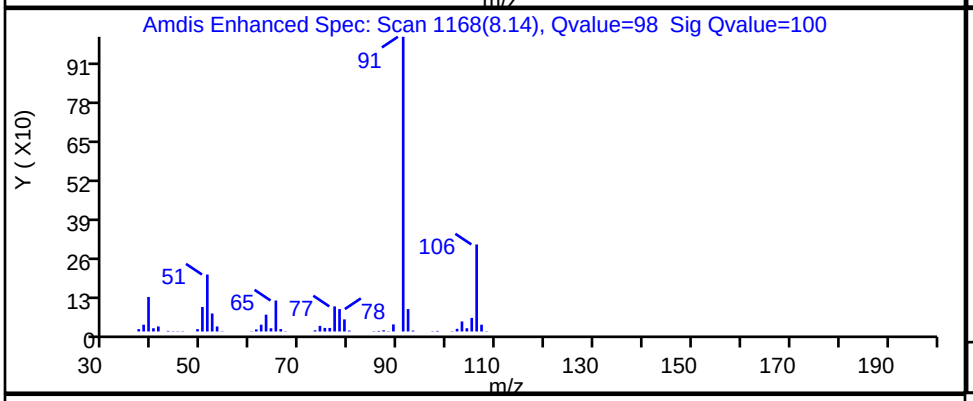
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

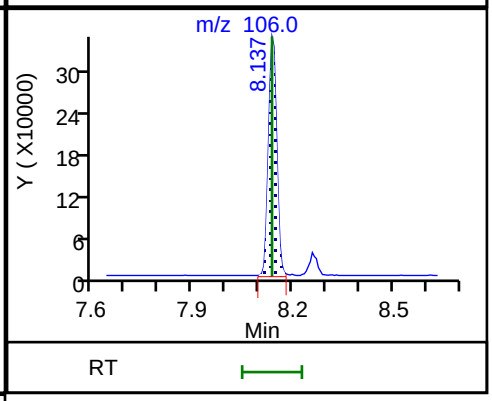
Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	19	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

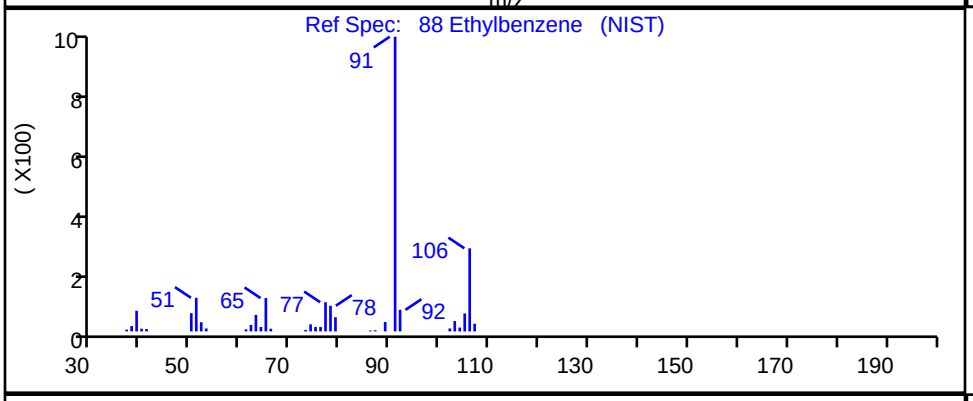
88 Ethylbenzene, CAS: 100-41-4

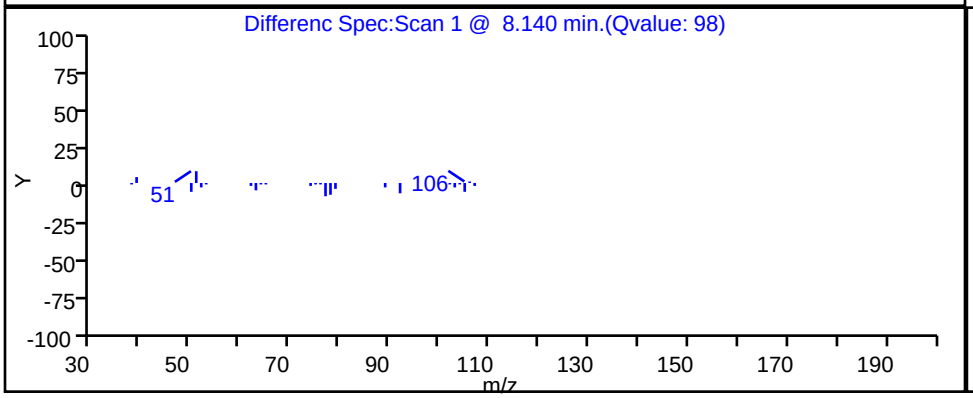


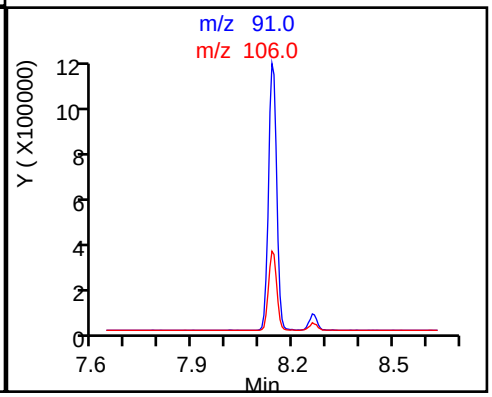












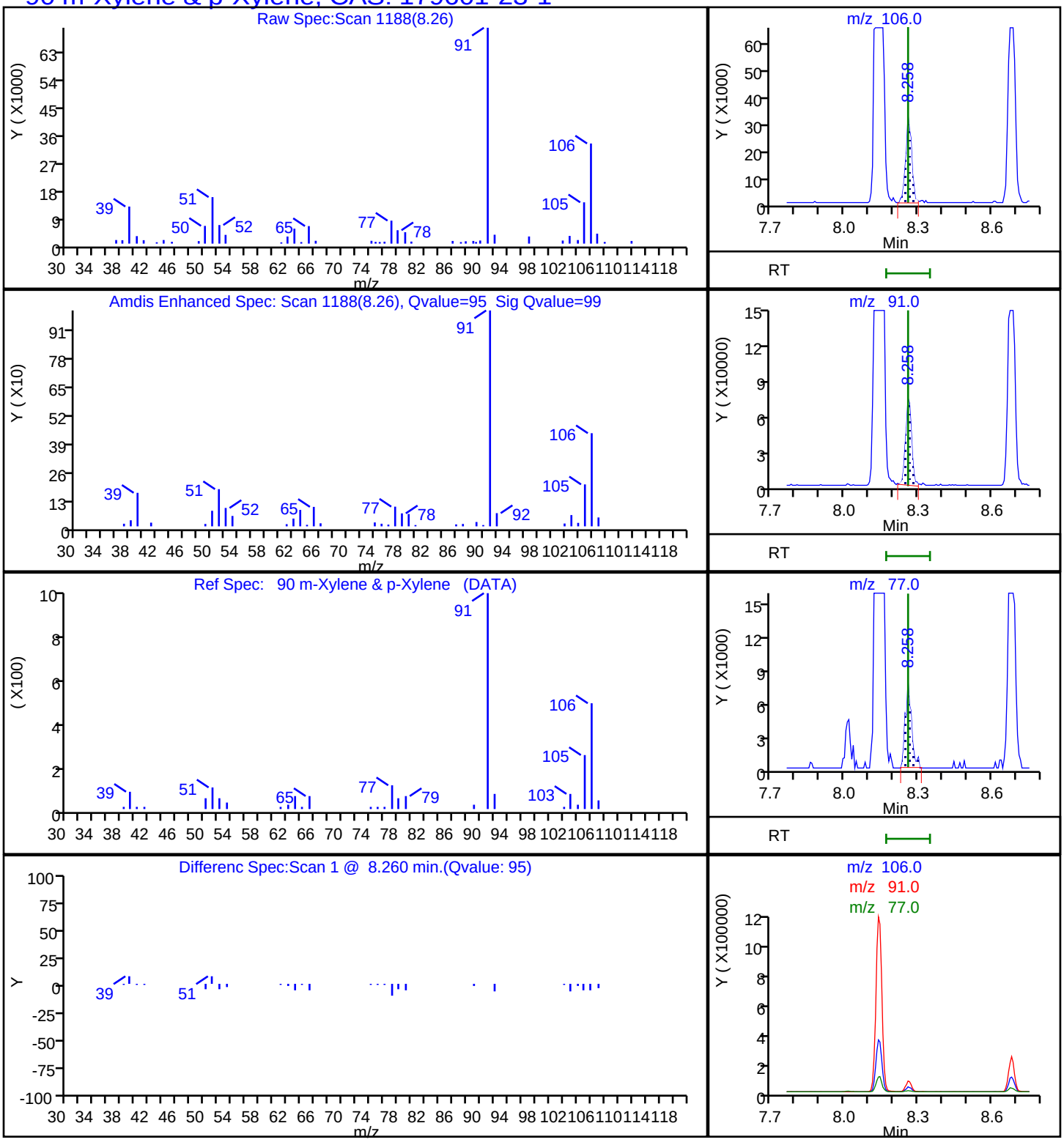
Report Date: 11-Dec-2023 07:52:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:	CR	ALS Bottle#:	19	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



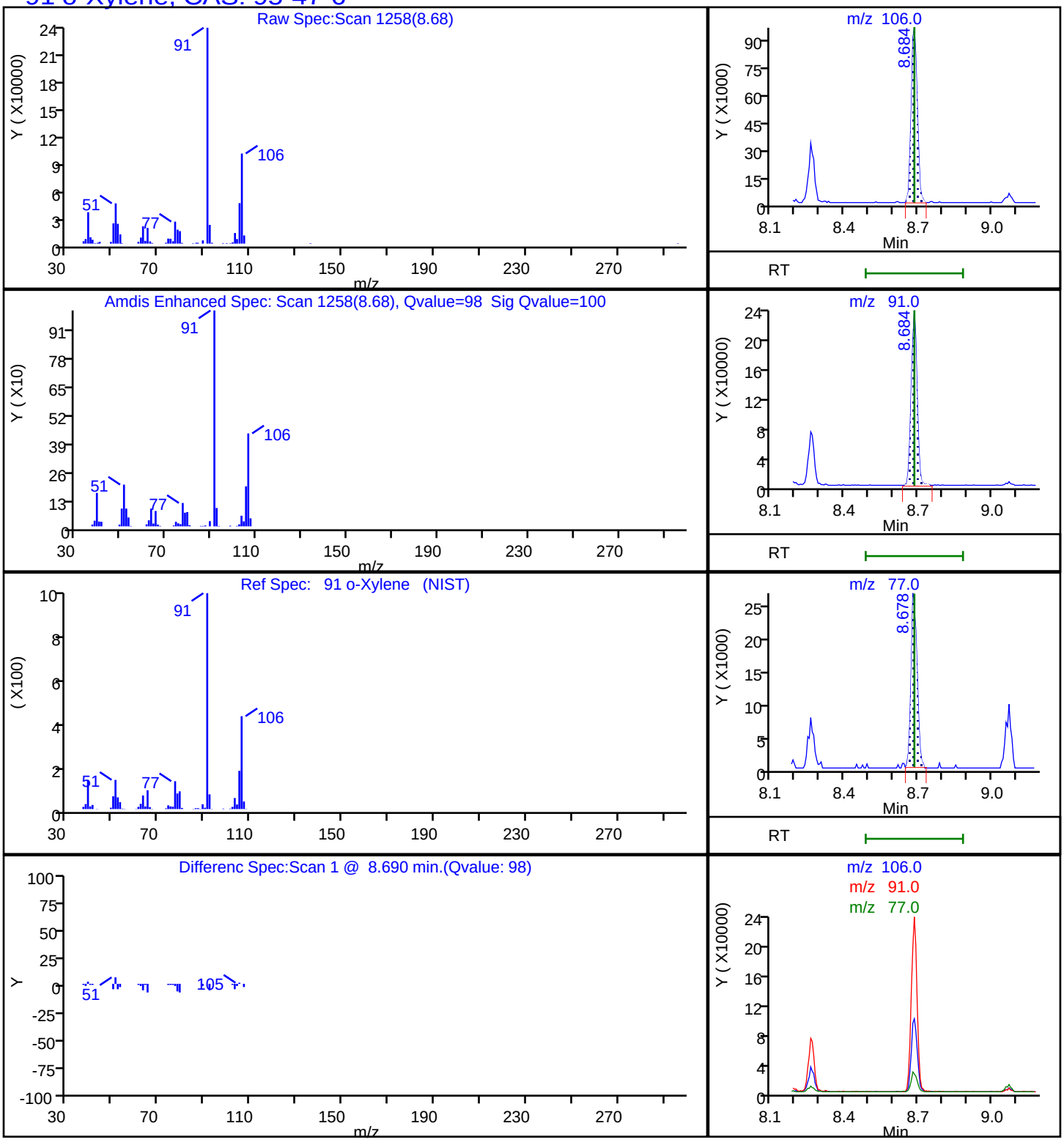
Report Date: 11-Dec-2023 07:52:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3734.d

Injection Date:	08-Dec-2023 15:51:30	Instrument ID:	HP5973N
Lims ID:	480-215449-E-7	Lab Sample ID:	480-215449-7
Client ID:	MW-46S_20231205		
Operator ID:	CR	ALS Bottle#:	19 Worklist Smp#: 41
Purge Vol:	5.000 mL	Dil. Factor:	10.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 | Lab Sample ID: 480-215449-8

Matrix: Water | Lab File ID: N3679.d

Analysis Method: 8260C | Date Collected: 12/05/2023 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 17:46

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.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	26		1.0	0.41
108-88-3	Toluene	1.0	U	1.0	0.51
100-41-4	Ethylbenzene	11		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	4.4		2.0	0.66
95-47-6	o-Xylene	14		1.0	0.76
1330-20-7	Xylenes, Total	18		2.0	0.66
STL00431	Total BTEX	55		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)	98		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\HP5973N\20231207-115411.b\N3679.d
Lims ID: 480-215449-D-8
Client ID: MW-48S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:46:30 ALS Bottle#: 24 Worklist Smp#: 45
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8
Misc. Info.: 480-0115411-045
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.000	97	210776	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	94	701486	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	379228	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	92	257034	23.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	65	354304	24.4	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	784208	24.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.000	86	274850	25.6	
55 Benzene	78	4.779	4.779	0.000	88	999553	26.3	
73 Toluene	92	6.604	6.610	-0.006	89	6680	0.3037	
88 Ethylbenzene	91	8.137	8.143	0.000	98	468909	10.9	
90 m-Xylene & p-Xylene	106	8.265	8.259	0.006	96	66199	4.40	
91 o-Xylene	106	8.684	8.685	-0.001	98	219160	14.1	
S 125 Total BTEX	1				0		56.0	
S 126 Xylenes, Total	1				0		18.5	

QC Flag Legend
Processing Flags

Reagents:

N 8260 IS_00258	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added: 1.00	Units: uL	Run Reagent

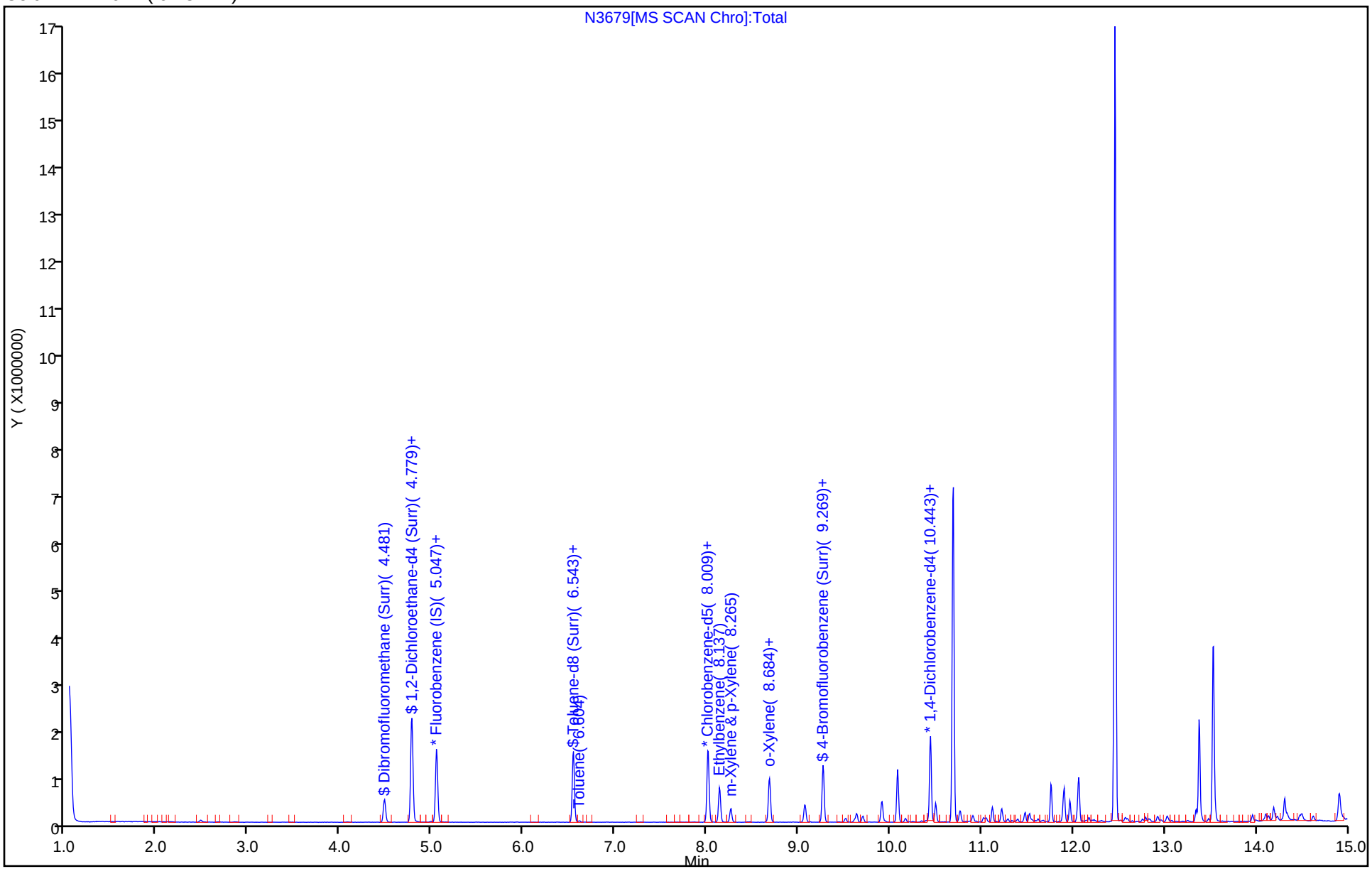
Report Date: 08-Dec-2023 07:53:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d

Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-8	Lab Sample ID:	480-215449-8	Worklist Smp#:	45
Client ID:	MW-48S_20231205				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d
Lims ID: 480-215449-D-8
Client ID: MW-48S_20231205
Sample Type: Client
Inject. Date: 07-Dec-2023 17:46:30 ALS Bottle#: 24 Worklist Smp#: 45
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8
Misc. Info.: 480-0115411-045
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:08

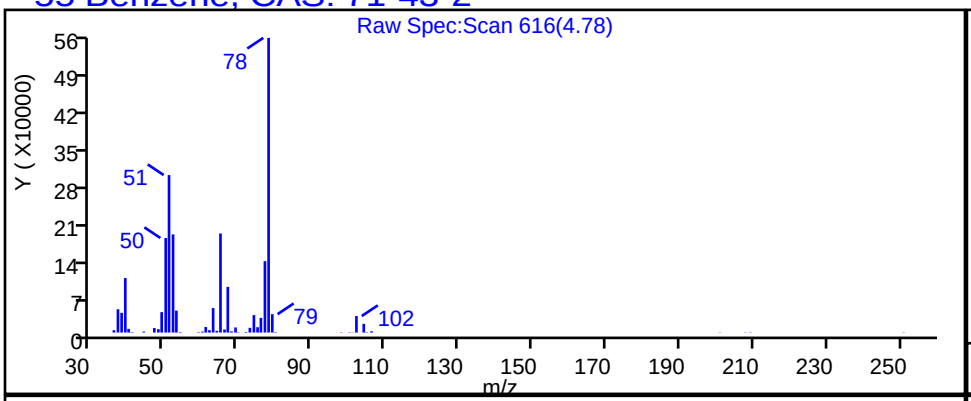
Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.9	95.68
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.4	97.77
$ 6 Toluene-d8 (Surr)	25.0	24.9	99.52
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.6	102.24

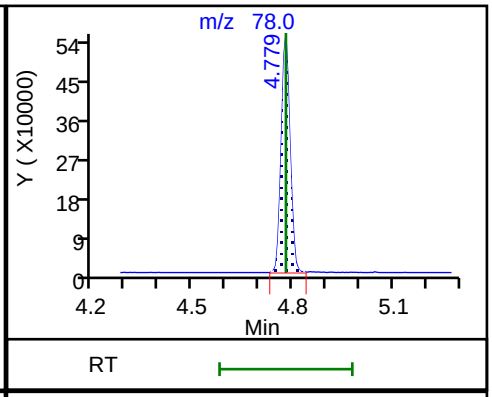
Eurofins Buffalo

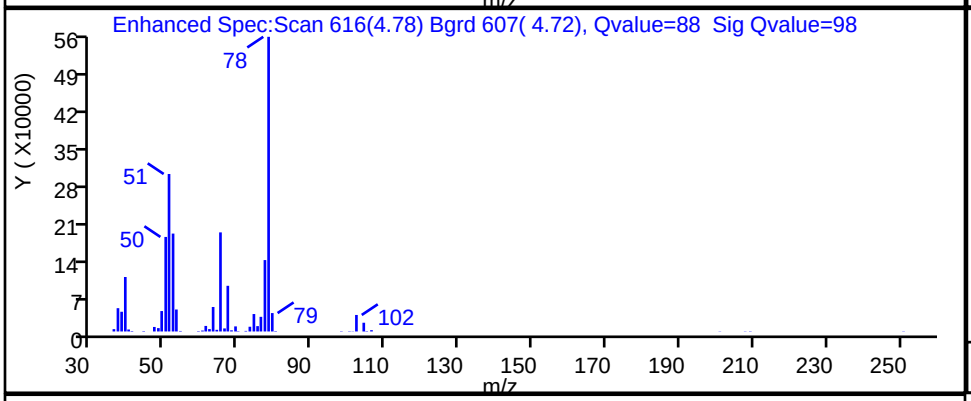
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d

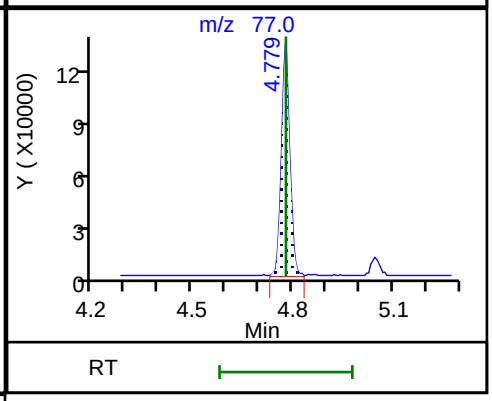
Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-8	Lab Sample ID:	480-215449-8
Client ID:	MW-48S_20231205		
Operator ID:	CR	ALS Bottle#:	24 Worklist Smp#: 45
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

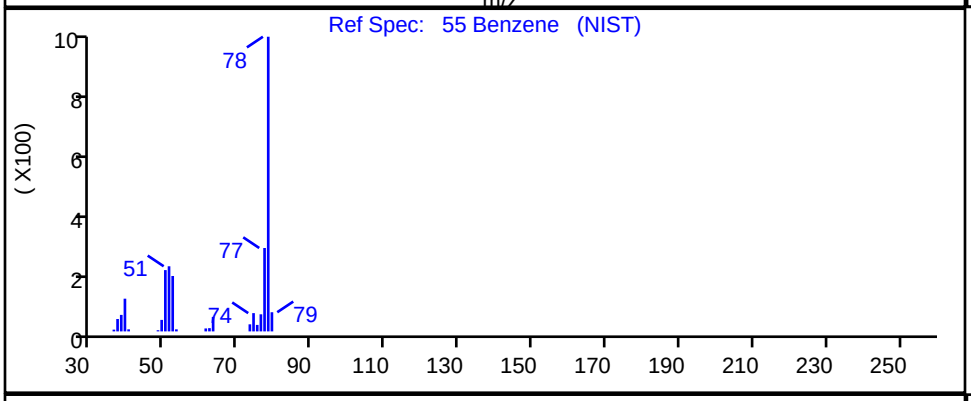
55 Benzene, CAS: 71-43-2

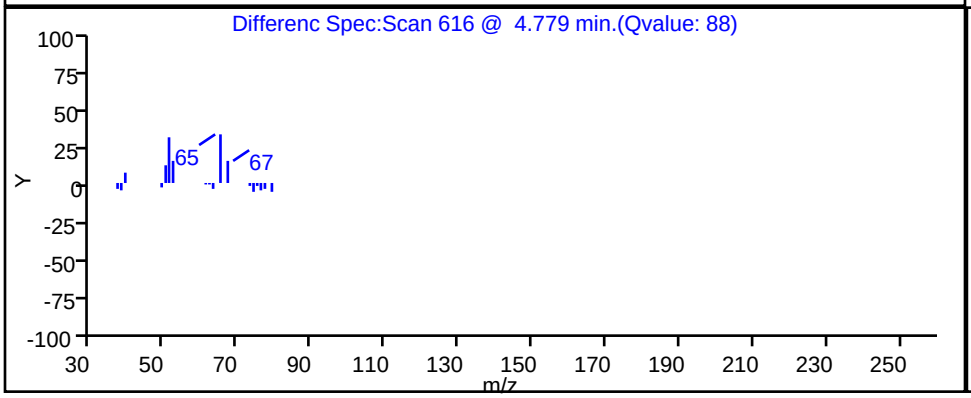


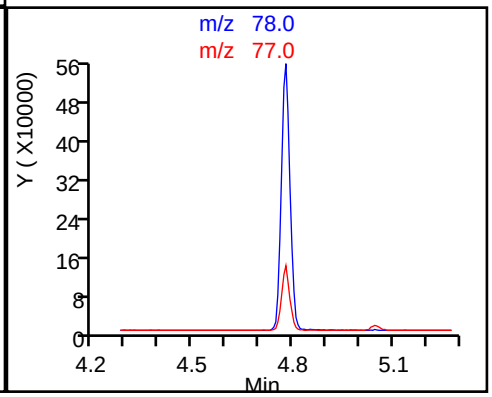










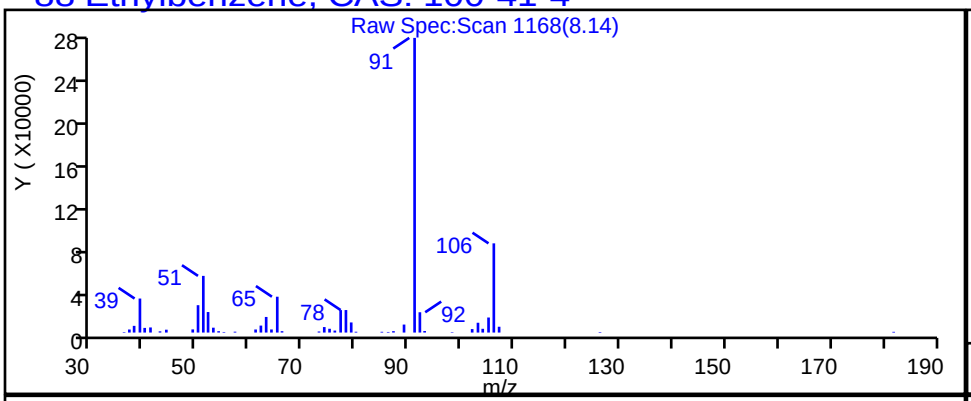


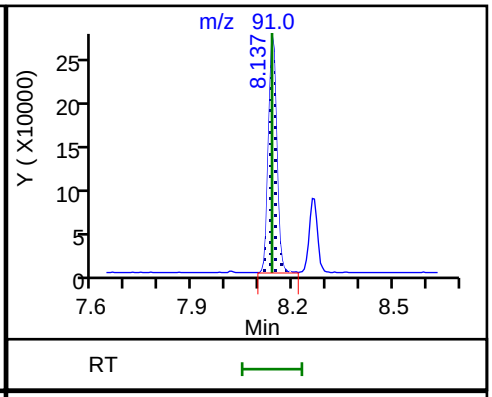
Eurofins Buffalo

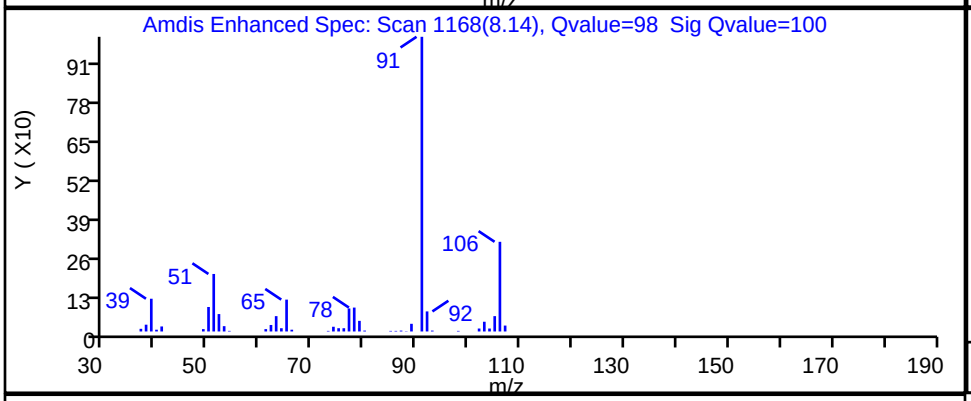
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d

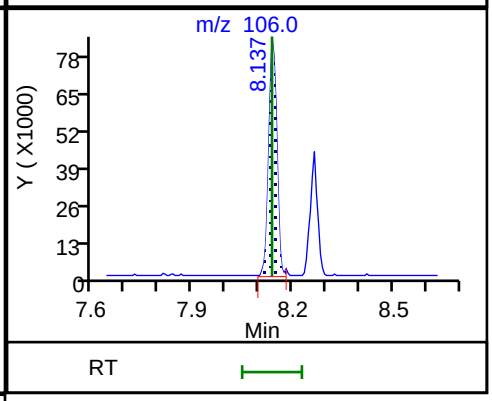
Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-8	Lab Sample ID:	480-215449-8
Client ID:	MW-48S_20231205		
Operator ID:	CR	ALS Bottle#:	24 Worklist Smp#: 45
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

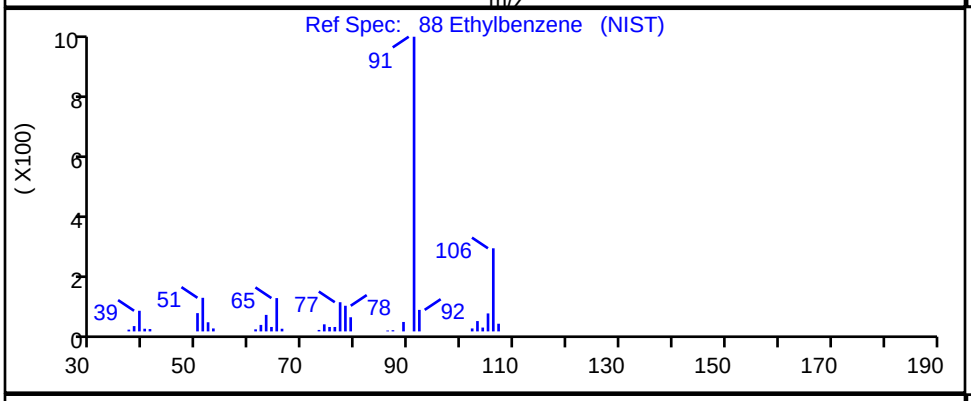
88 Ethylbenzene, CAS: 100-41-4

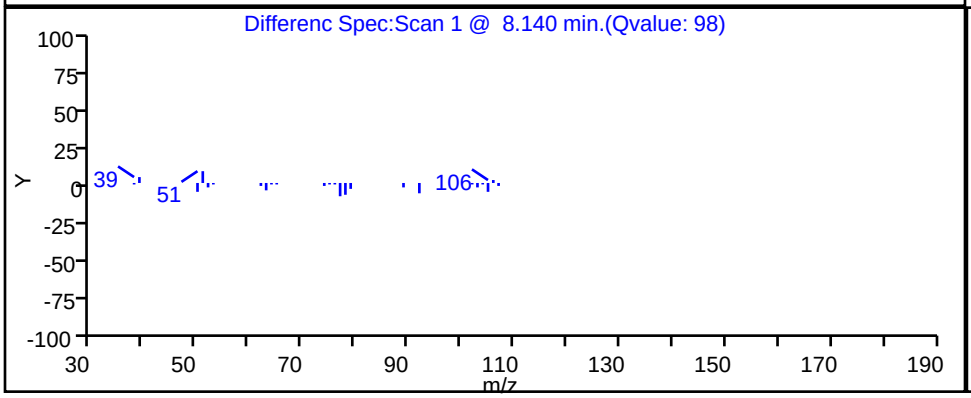


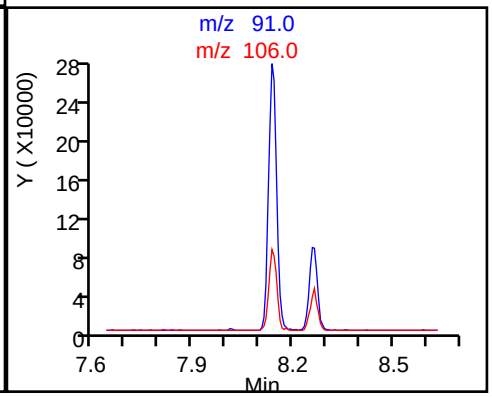












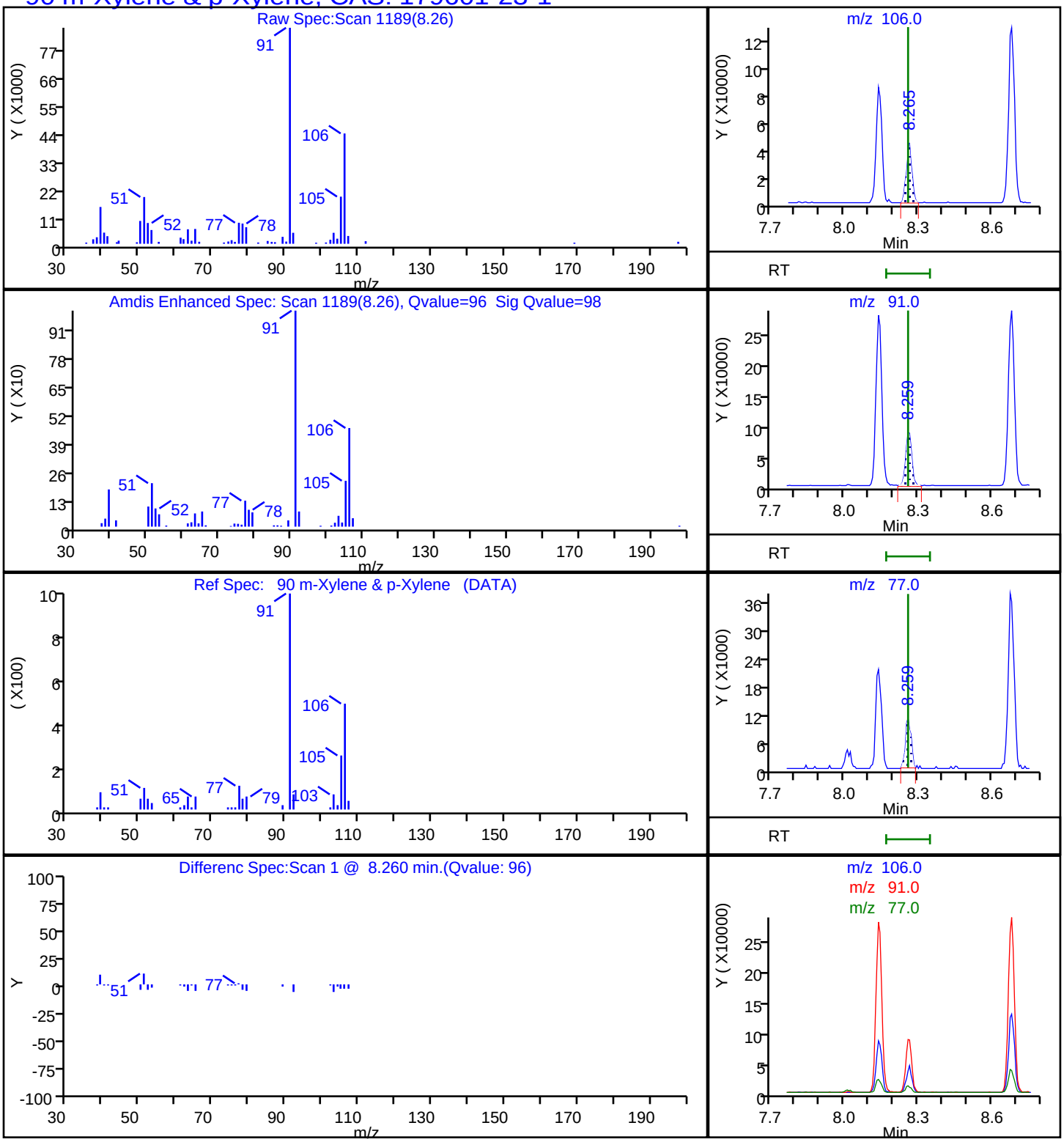
Report Date: 08-Dec-2023 07:53:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d

Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-8	Lab Sample ID:	480-215449-8
Client ID:	MW-48S_20231205		
Operator ID:	CR	ALS Bottle#:	24 Worklist Smp#: 45
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

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



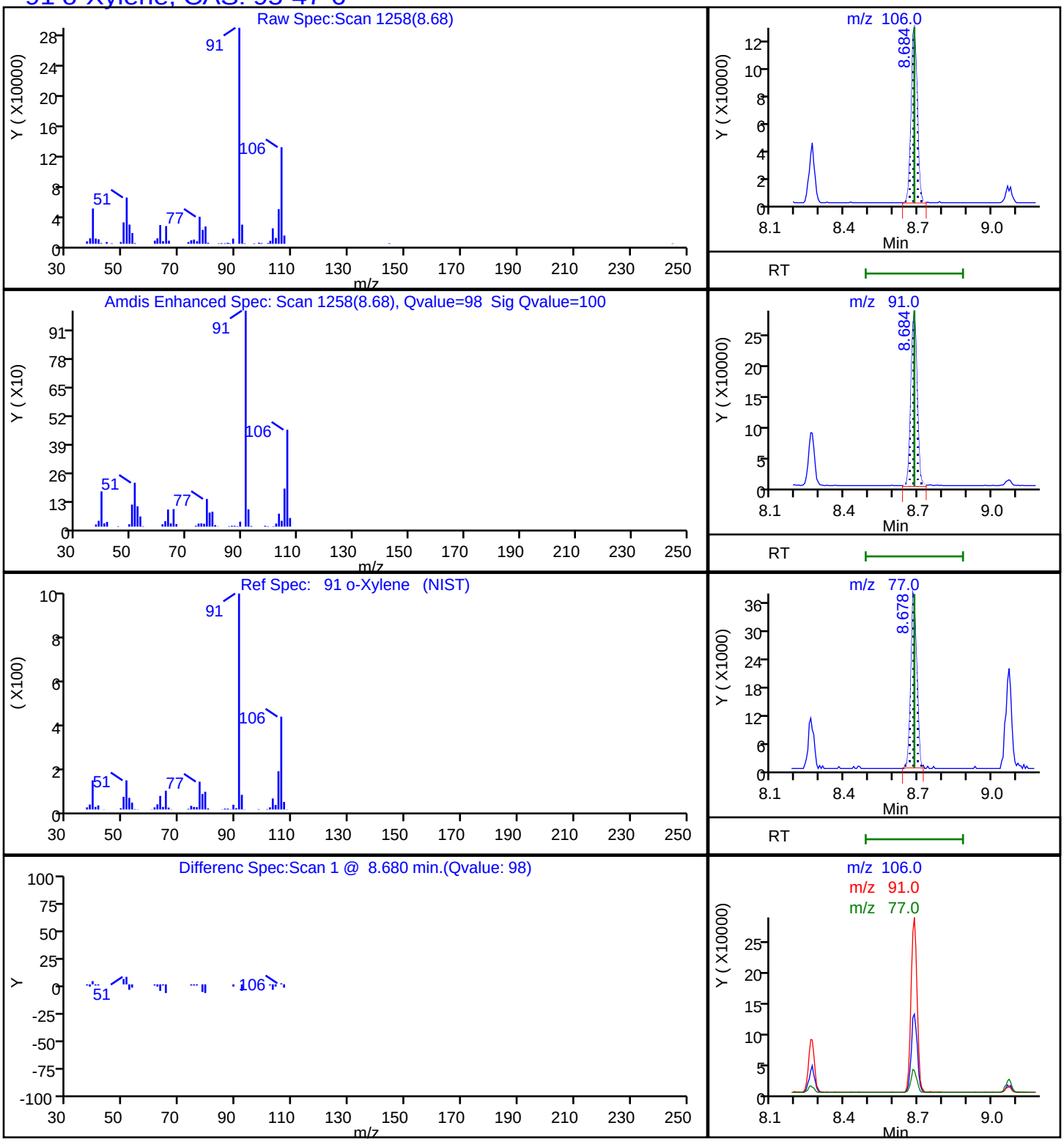
Report Date: 08-Dec-2023 07:53:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3679.d

Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-8	Lab Sample ID:	480-215449-8
Client ID:	MW-48S_20231205		
Operator ID:	CR	ALS Bottle#:	24 Worklist Smp#: 45
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: DUP-1_202312 | Lab Sample ID: 480-215449-9

Matrix: Water | Lab File ID: N3680.d

Analysis Method: 8260C | Date Collected: 12/05/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 18:08

Soil Aliquot Vol: | Dilution Factor: 5

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

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

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

Analysis Batch No.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	*Benzene*	*520*	*E*	*5.0*	*2.1*
108-88-3	*Toluene*	*4.3*	*J*	*5.0*	*2.6*
100-41-4	*Ethylbenzene*	*450*		*5.0*	*3.7*
179601-23-1	*m-Xylene & p-Xylene*	*32*		*10*	*3.3*
95-47-6	*o-Xylene*	*110*		*5.0*	*3.8*
1330-20-7	*Xylenes, Total*	*140*		*10*	*3.3*
STL00431	*Total BTEX*	*1100*	*E*	*10*	*5.0*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	90		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d
Lims ID: 480-215449-D-9
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 07-Dec-2023 18:08:30 ALS Bottle#: 25 Worklist Smp#: 46
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-9
Misc. Info.: 480-0115411-046
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	97	212978	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	94	690393	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	364174	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	93	244439	22.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	47	330009	22.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	95	766706	24.7	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	85	270365	25.5	
55 Benzene	78	4.779	4.779	0.000	91	3959173	103.2	E
73 Toluene	92	6.616	6.610	0.006	94	18669	0.8625	
88 Ethylbenzene	91	8.137	8.143	0.000	98	3831574	90.4	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	95222	6.44	
91 o-Xylene	106	8.684	8.685	-0.001	99	325770	21.3	
S 125 Total BTEX	1				0		222.1	E
S 126 Xylenes, Total	1				0		27.7	

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Dec-2023 07:53:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d

Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9	Worklist Smp#:	46
Client ID:	DUP-1_202312				
Purge Vol:	5.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	25
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)

Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d
Lims ID: 480-215449-D-9
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 07-Dec-2023 18:08:30 ALS Bottle#: 25 Worklist Smp#: 46
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Sample Info: 480-215449-D-9
Misc. Info.: 480-0115411-046
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	22.5	90.05
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	22.5	90.12
$ 6 Toluene-d8 (Surr)	25.0	24.7	98.86
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.5	102.18

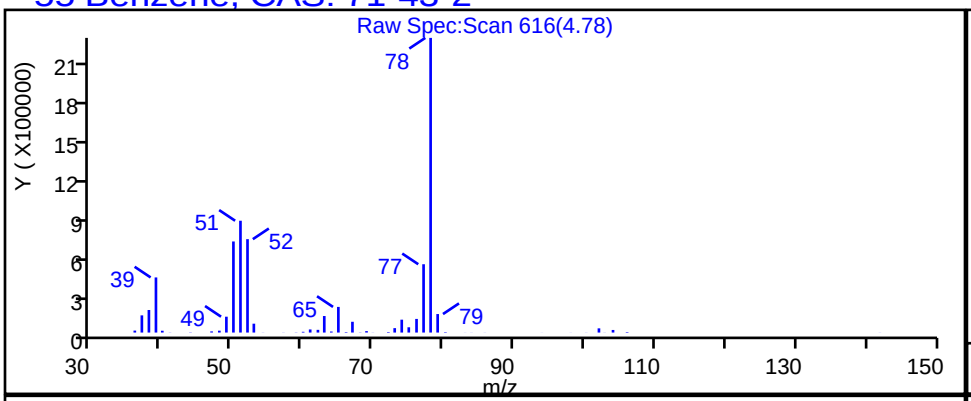
Report Date: 08-Dec-2023 07:53:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

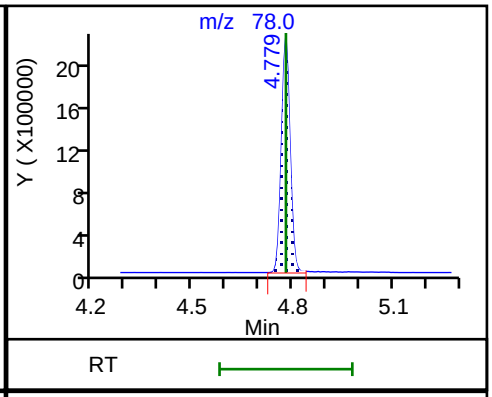
Eurofins Buffalo

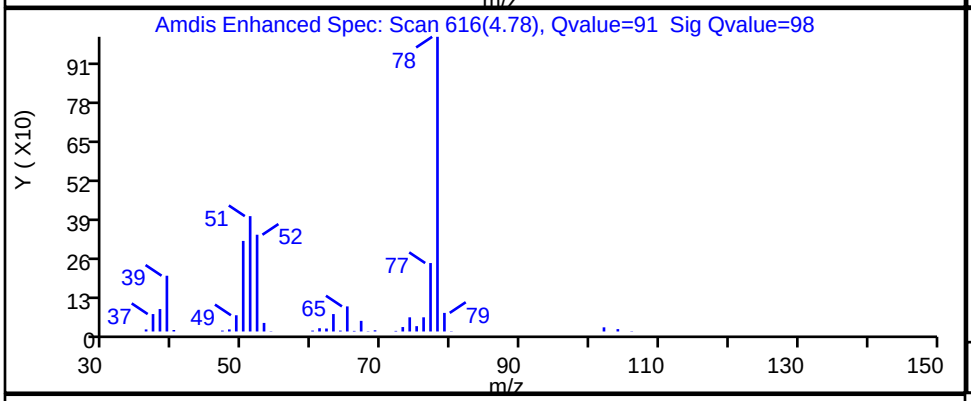
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d

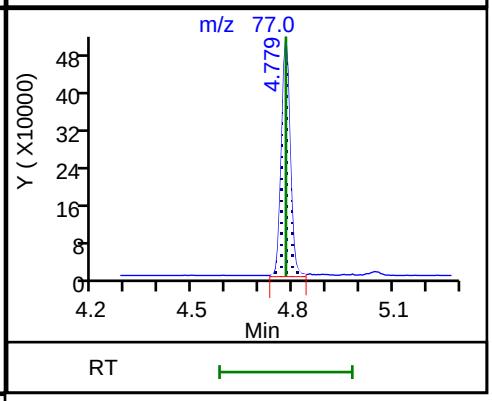
Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	25	Worklist Smp#:	46
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

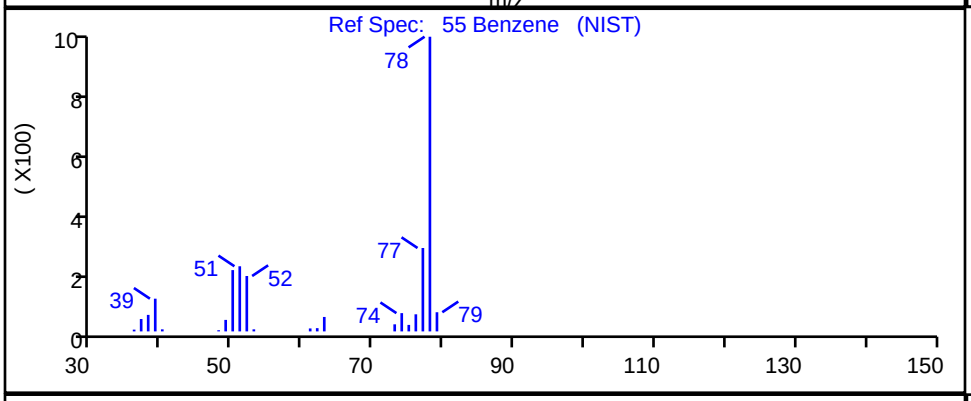
55 Benzene, CAS: 71-43-2

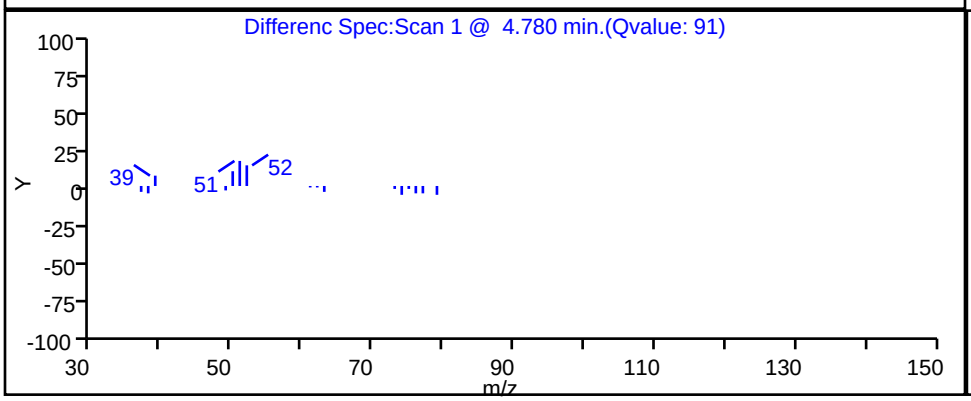


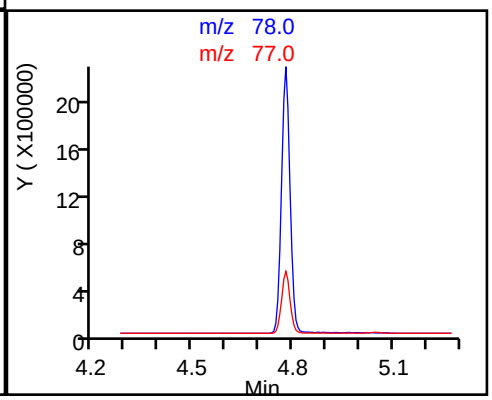












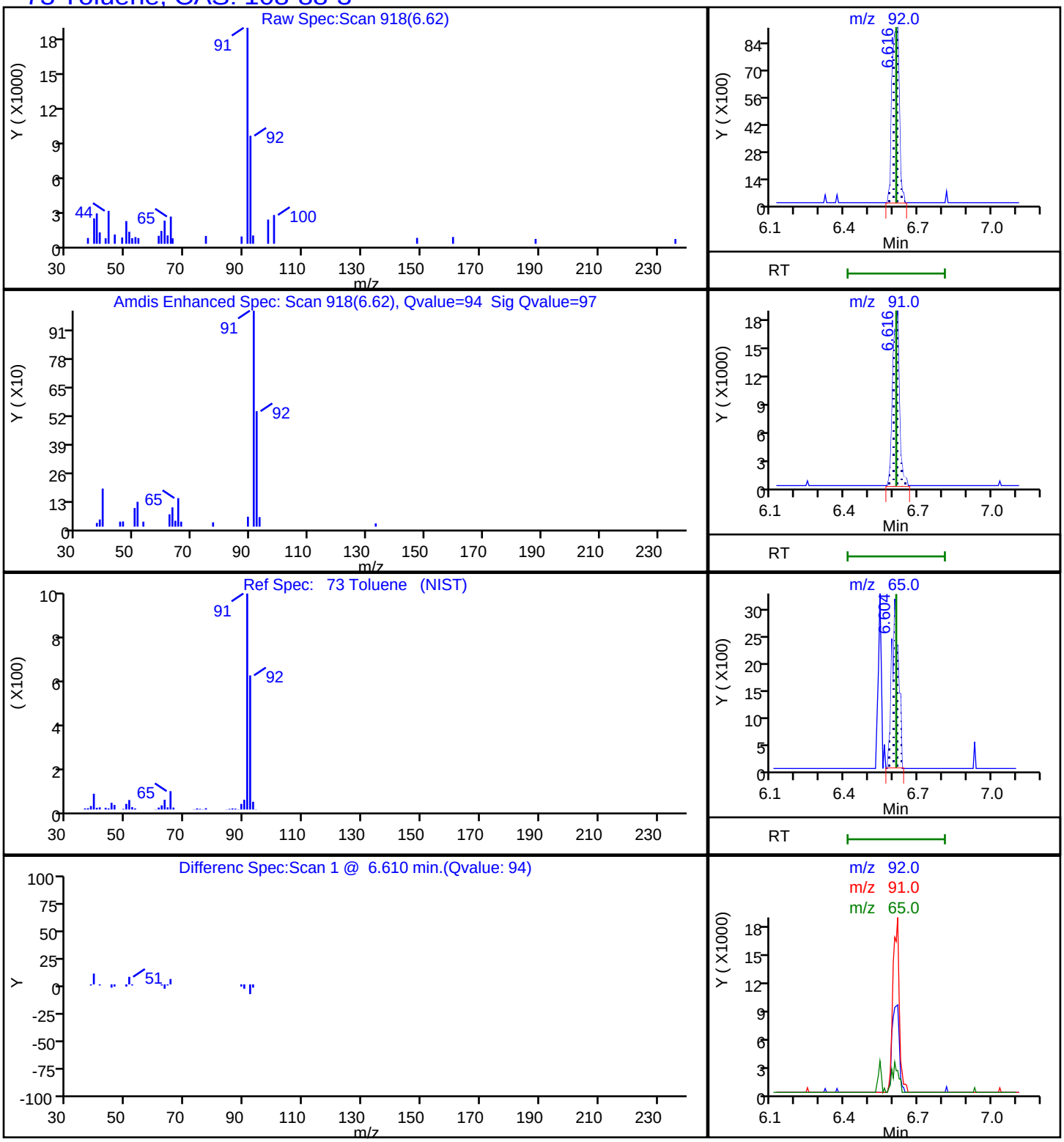
Report Date: 08-Dec-2023 07:53:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d

Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	25	Worklist Smp#:	46
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

73 Toluene, CAS: 108-88-3



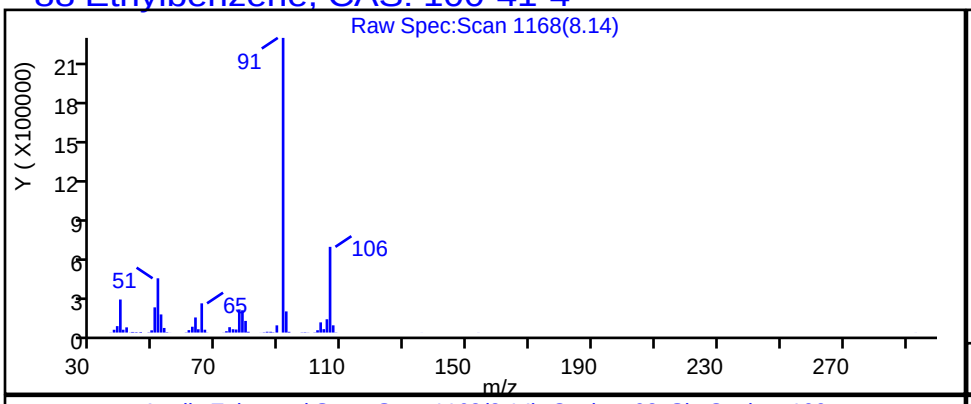
Report Date: 08-Dec-2023 07:53:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

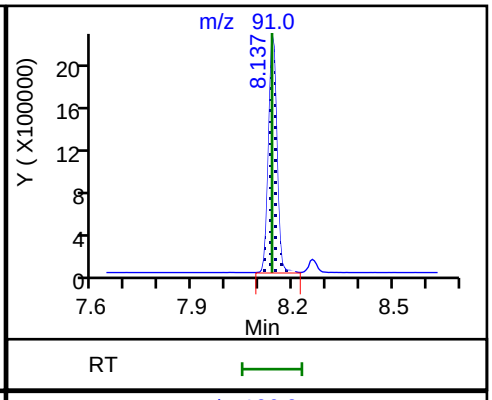
Eurofins Buffalo

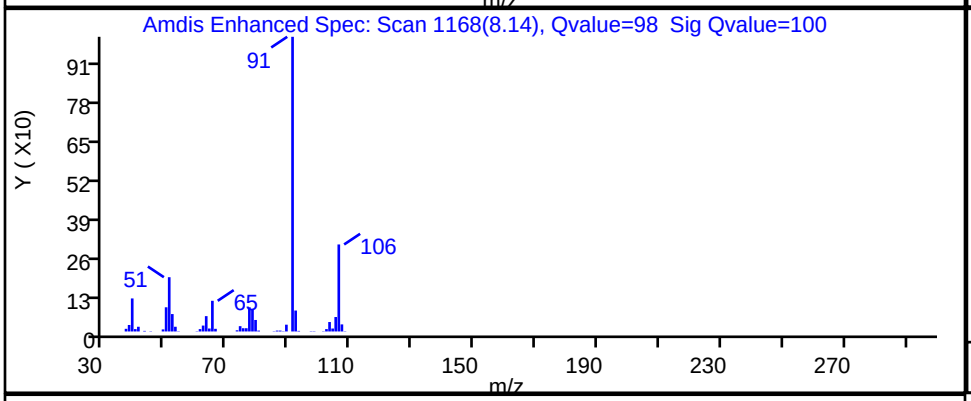
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d

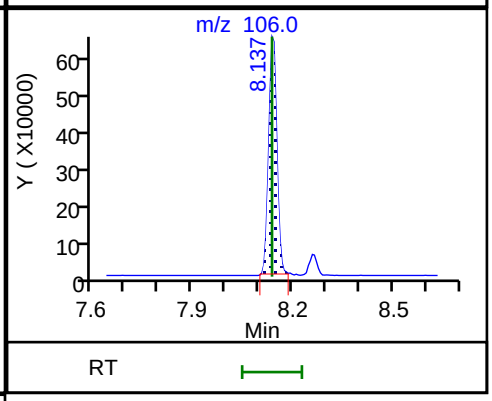
Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9
Client ID:	DUP-1_202312		
Operator ID:	CR	ALS Bottle#:	25 Worklist Smp#: 46
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	N-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN

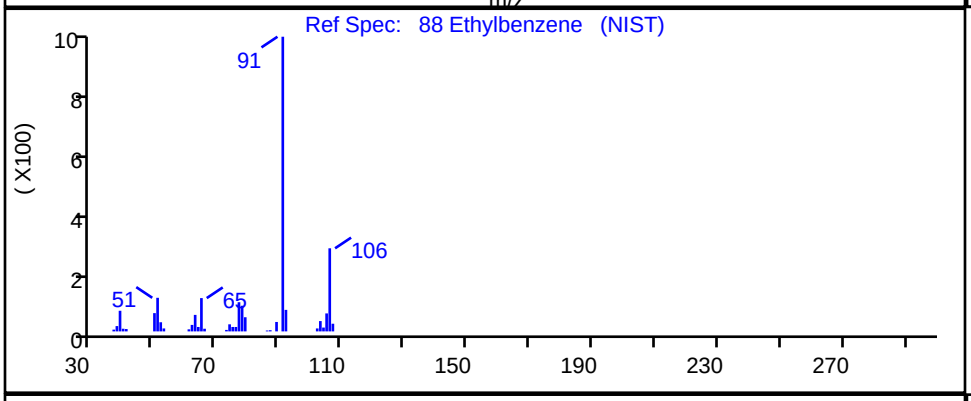
88 Ethylbenzene, CAS: 100-41-4

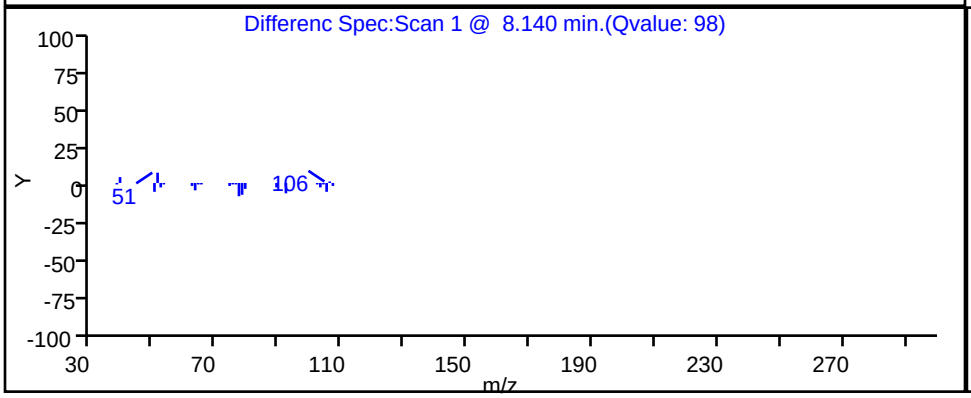


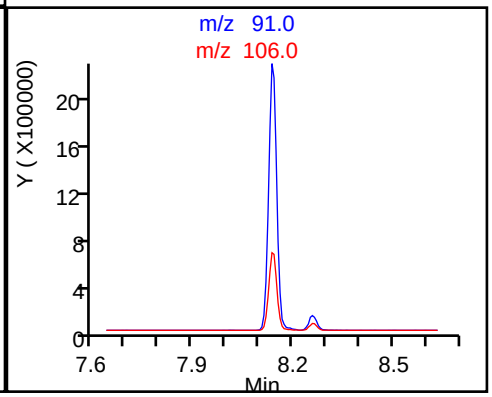








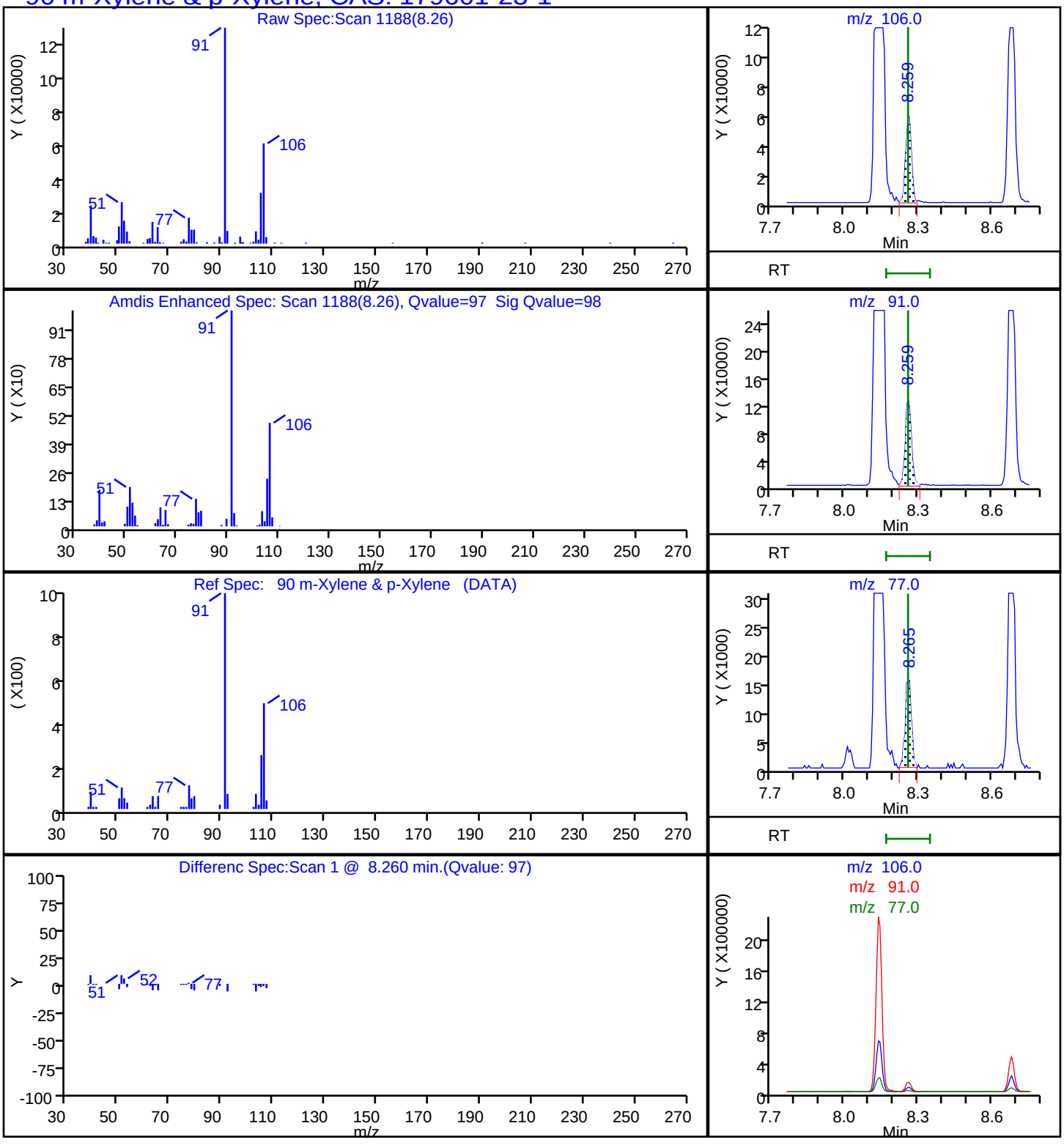




Eurofins Buffalo

Data File:	\\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d				
Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	25	Worklist Smp#:	46
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



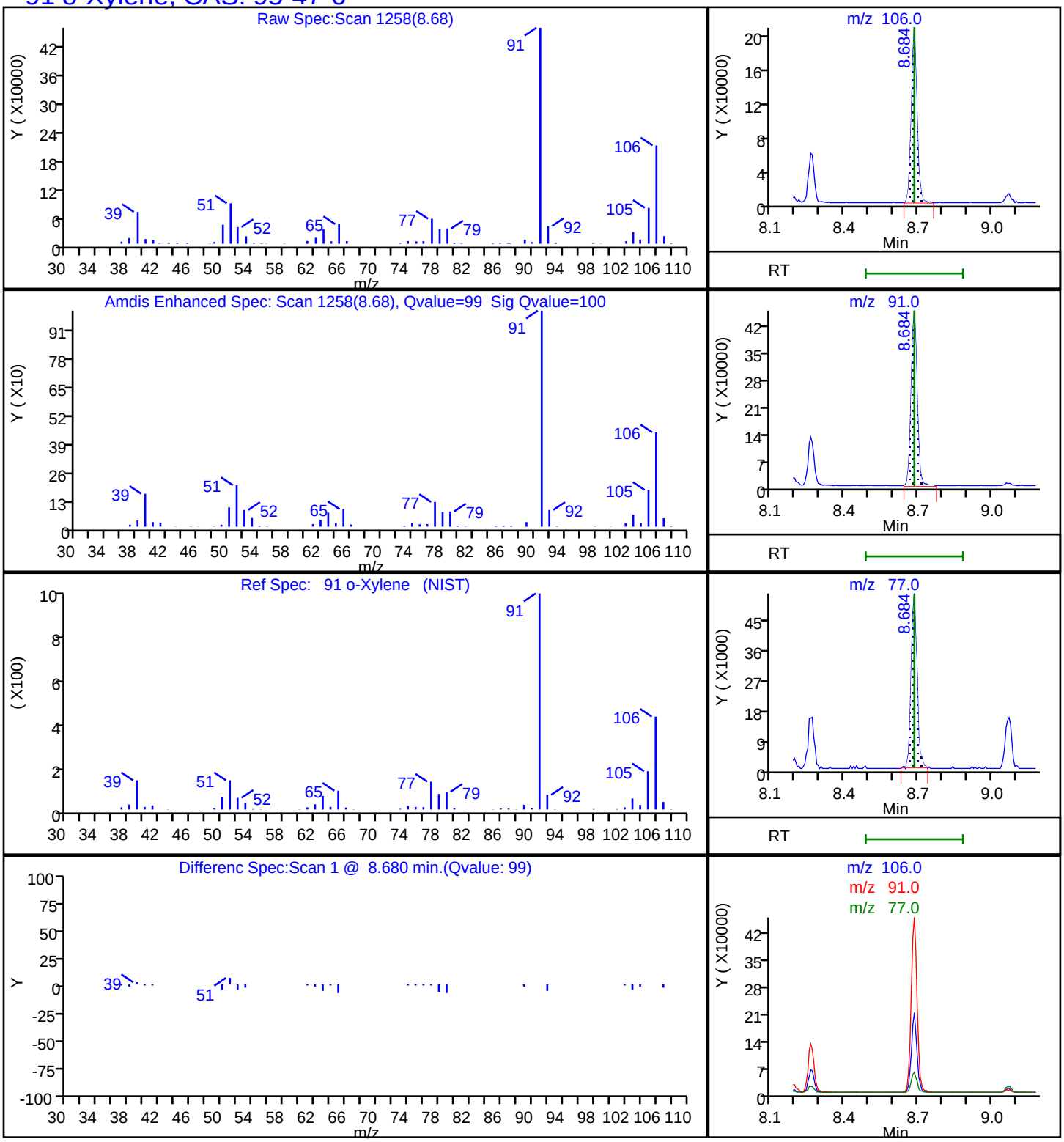
Report Date: 08-Dec-2023 07:53:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3680.d

Injection Date:	07-Dec-2023 18:08:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-D-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	25	Worklist Smp#:	46
Purge Vol:	5.000 mL	Dil. Factor:	5.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: DUP-1_202312 DL | Lab Sample ID: 480-215449-9 DL

Matrix: Water | Lab File ID: N3735.d

Analysis Method: 8260C | Date Collected: 12/05/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 16:13

Soil Aliquot Vol: | Dilution Factor: 10

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.: 694708 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	540		10	4.1
108-88-3	Toluene	10	U	10	5.1
100-41-4	Ethylbenzene	440		10	7.4
179601-23-1	m-Xylene & p-Xylene	33		20	6.6
95-47-6	o-Xylene	110		10	7.6
1330-20-7	Xylenes, Total	140		20	6.6
STL00431	Total BTEX	1100		20	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d
Lims ID: 480-215449-E-9
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 08-Dec-2023 16:13:30 ALS Bottle#: 20 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-9
Misc. Info.: 480-0115432-042
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 07:51:22 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 07:52:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	97	204580	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	93	696705	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	-0.001	94	356844	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.006	93	251393	24.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	53	340537	24.2	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	756759	24.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.275	-0.007	83	261444	24.5	
55 Benzene	78	4.779	4.779	0.000	89	1999567	54.3	
73 Toluene	92	6.604	6.604	0.000	89	10068	0.4609	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1892116	44.2	
90 m-Xylene & p-Xylene	106	8.259	8.259	-0.001	96	48904	3.28	
91 o-Xylene	106	8.684	8.684	-0.001	98	164860	10.7	
S 125 Total BTEX	1				0		112.9	
S 126 Xylenes, Total	1				0		13.9	

QC Flag Legend

Processing Flags

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

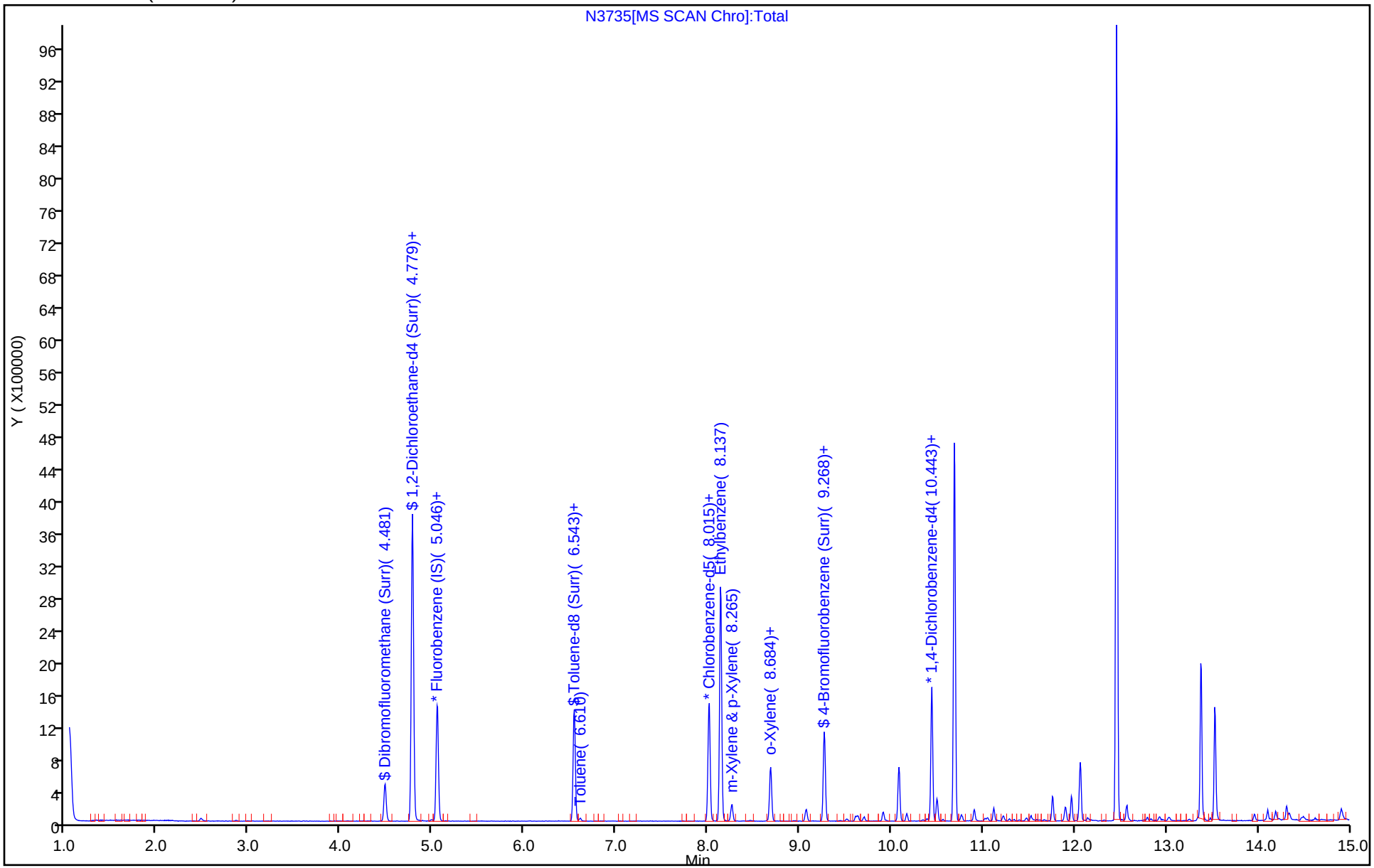
Report Date: 11-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d

Injection Date:	08-Dec-2023 16:13:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-E-9	Lab Sample ID:	480-215449-9	Worklist Smp#:	42
Client ID:	DUP-1_202312				
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	20
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d
Lims ID: 480-215449-E-9
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 08-Dec-2023 16:13:30 ALS Bottle#: 20 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-9
Misc. Info.: 480-0115432-042
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 07:51:22 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 07:52:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	24.1	96.41
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.2	96.81
$ 6 Toluene-d8 (Surr)	25.0	24.2	96.70
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.5	97.92

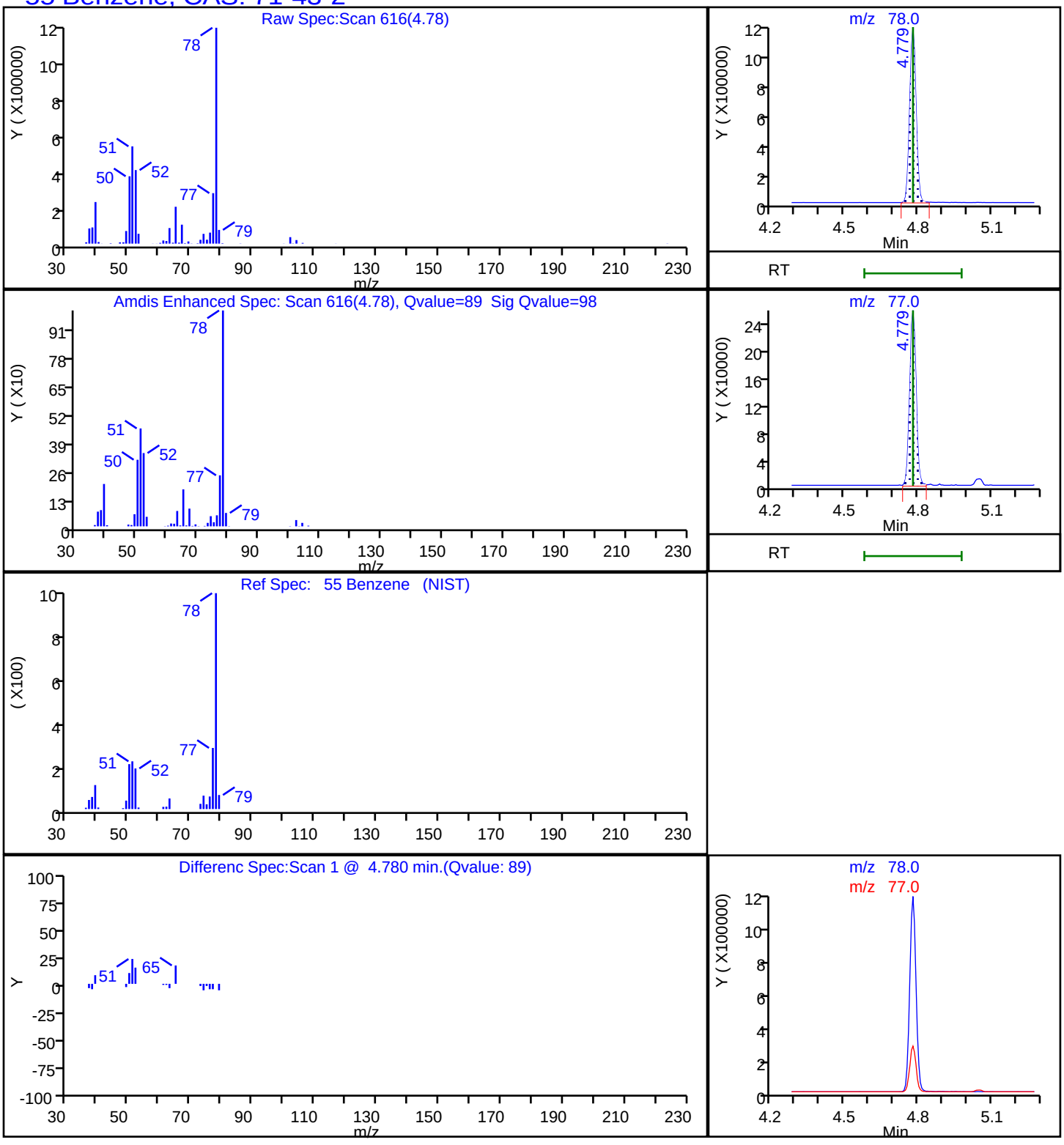
Report Date: 11-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d

Injection Date:	08-Dec-2023 16:13:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	20	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



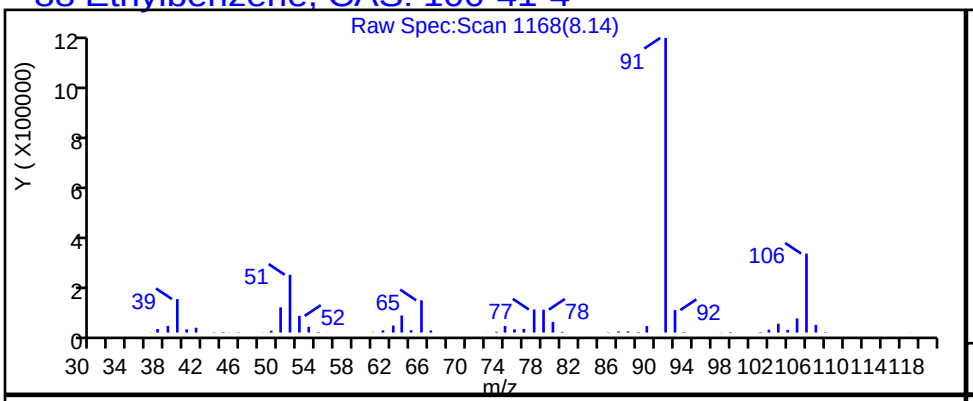
Report Date: 11-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

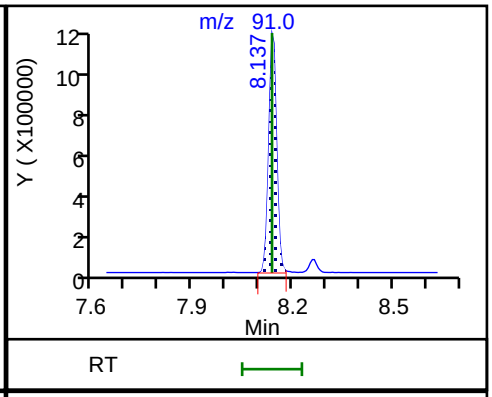
Eurofins Buffalo

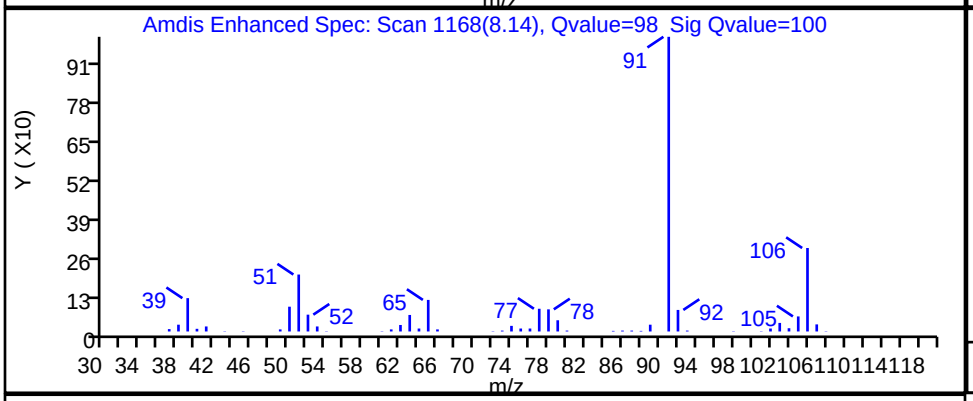
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d

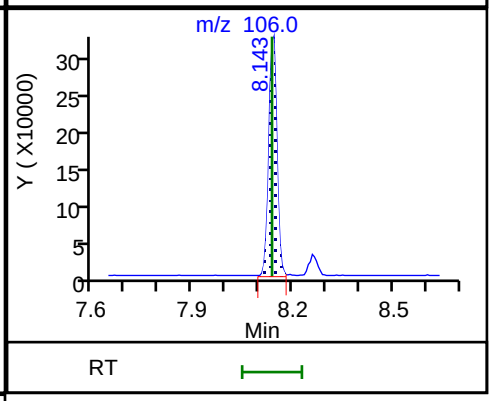
Injection Date:	08-Dec-2023 16:13:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	20	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

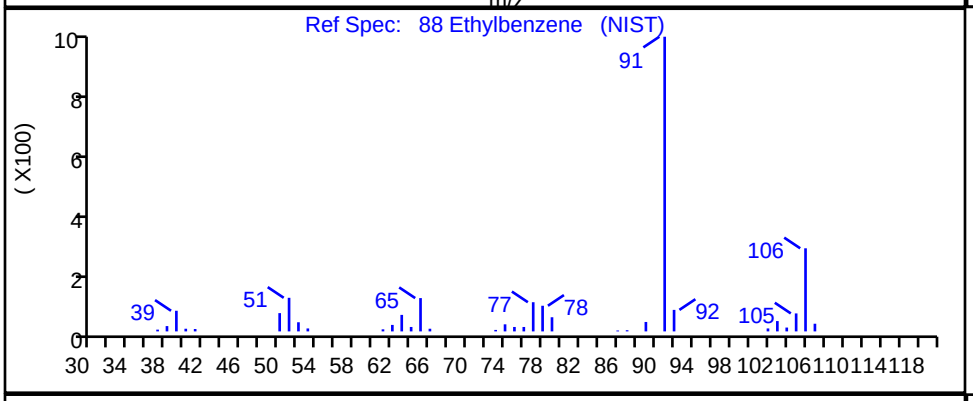
88 Ethylbenzene, CAS: 100-41-4

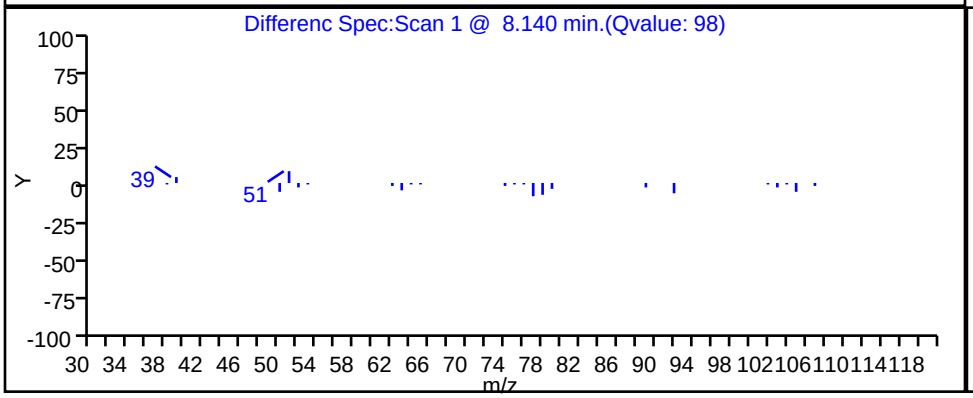


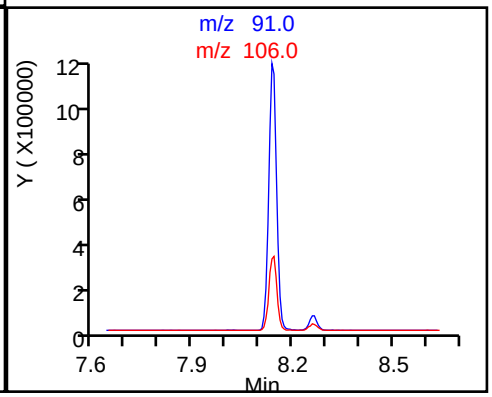












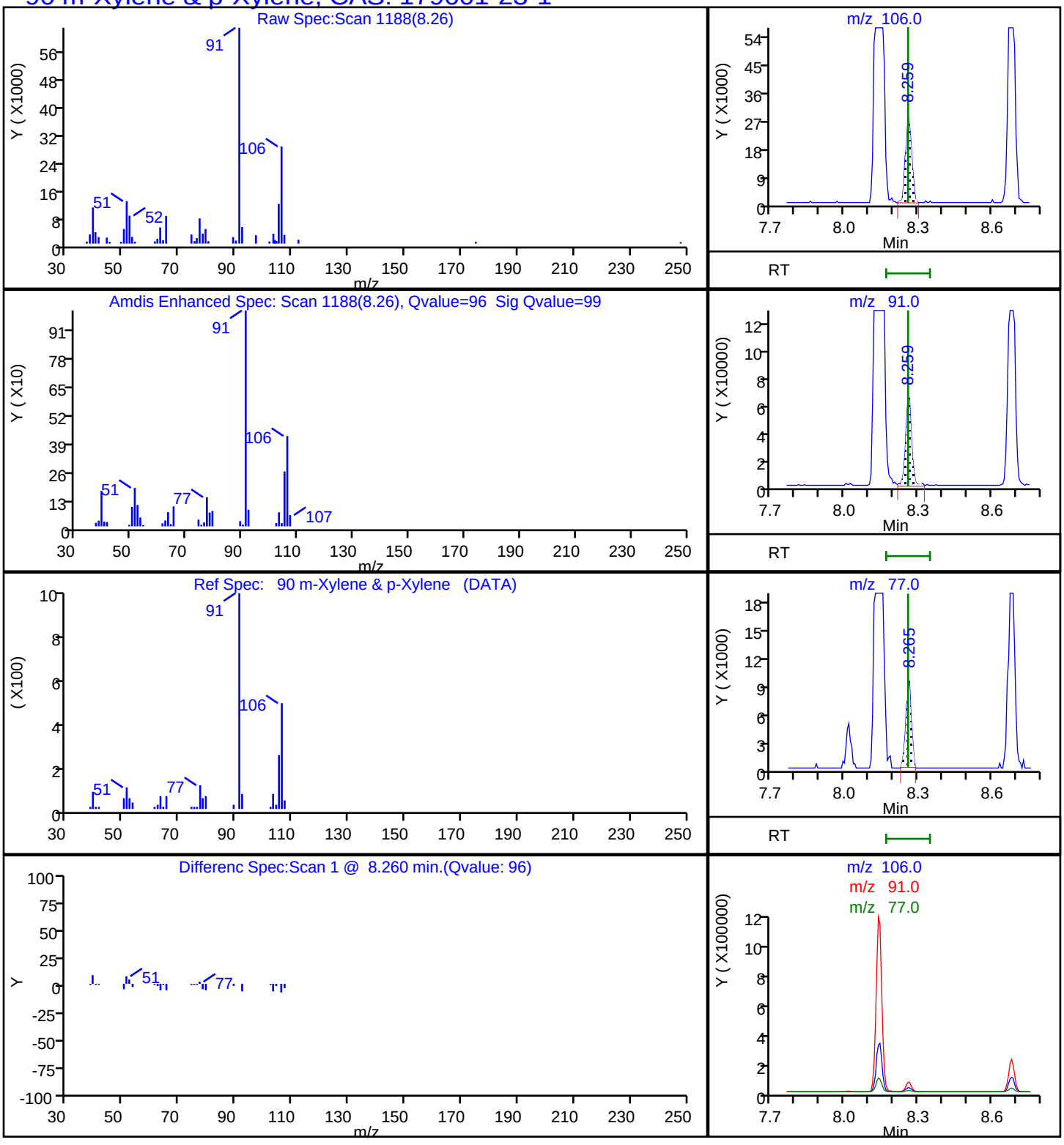
Report Date: 11-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d

Injection Date:	08-Dec-2023 16:13:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	20	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



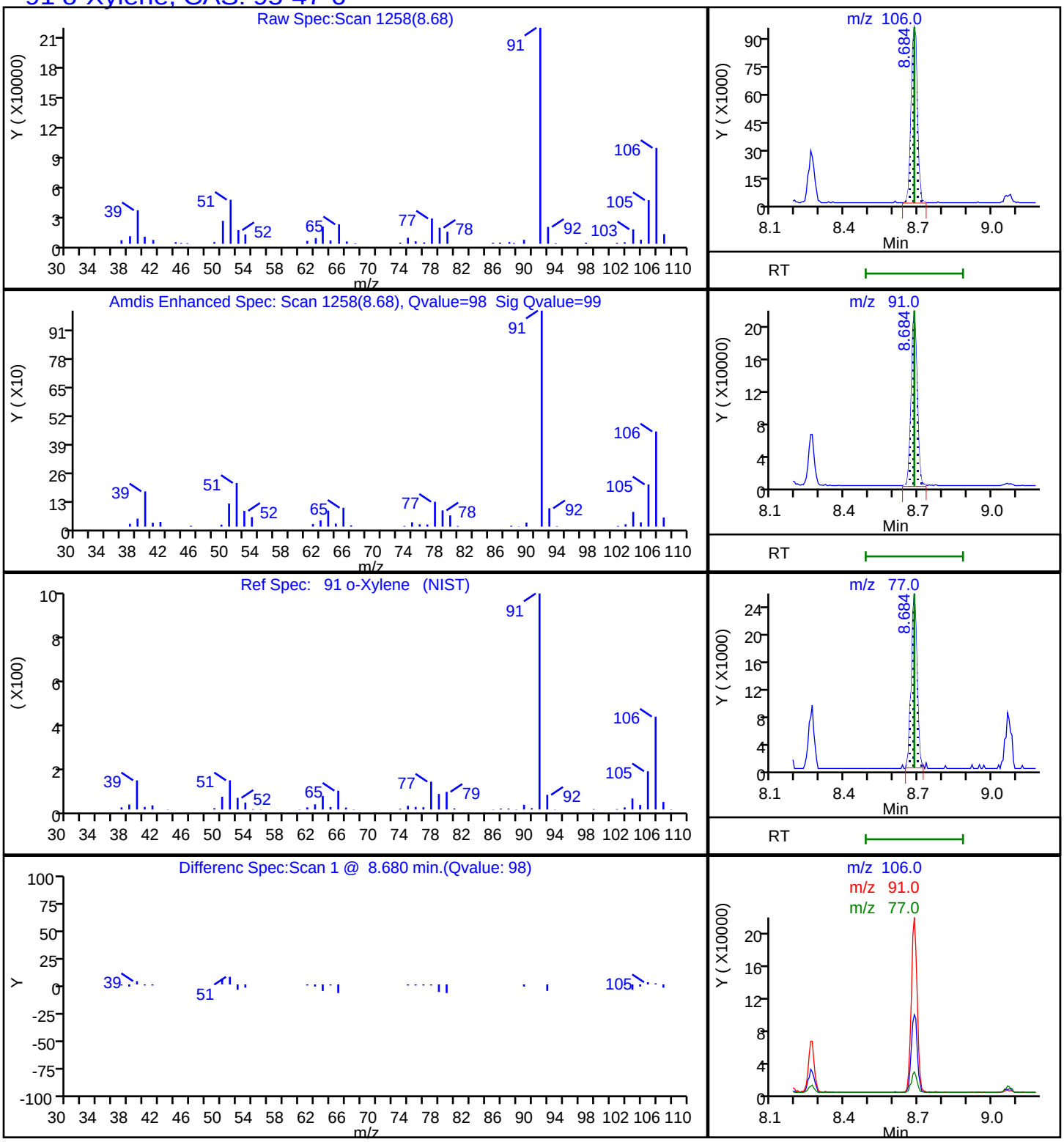
Report Date: 11-Dec-2023 07:52:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3735.d

Injection Date:	08-Dec-2023 16:13:30	Instrument ID:	HP5973N		
Lims ID:	480-215449-E-9	Lab Sample ID:	480-215449-9		
Client ID:	DUP-1_202312				
Operator ID:	CR	ALS Bottle#:	20	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	N-8260	Limit Group:	MV - 8260C ICAL		
Column:	ZB-624 (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 480-215449-10

Matrix: Water | Lab File ID: N3681.d

Analysis Method: 8260C | Date Collected: 12/05/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 18:31

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.: 694533 | 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)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3681.d
Lims ID: 480-215449-A-10
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 07-Dec-2023 18:31:30 ALS Bottle#: 26 Worklist Smp#: 47
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-A-10
Misc. Info.: 480-0115411-047
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	96	215508	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	93	710590	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	382648	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	91	266799	24.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	94	368221	24.8	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	803995	25.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	85	277782	25.5	
55 Benzene	78		4.779				ND	
73 Toluene	92		6.610				ND	
88 Ethylbenzene	91		8.137				ND	
90 m-Xylene & p-Xylene	106		8.259				ND	
91 o-Xylene	106		8.685				ND	
S 125 Total BTEX	1		30.000				ND	7
S 126 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

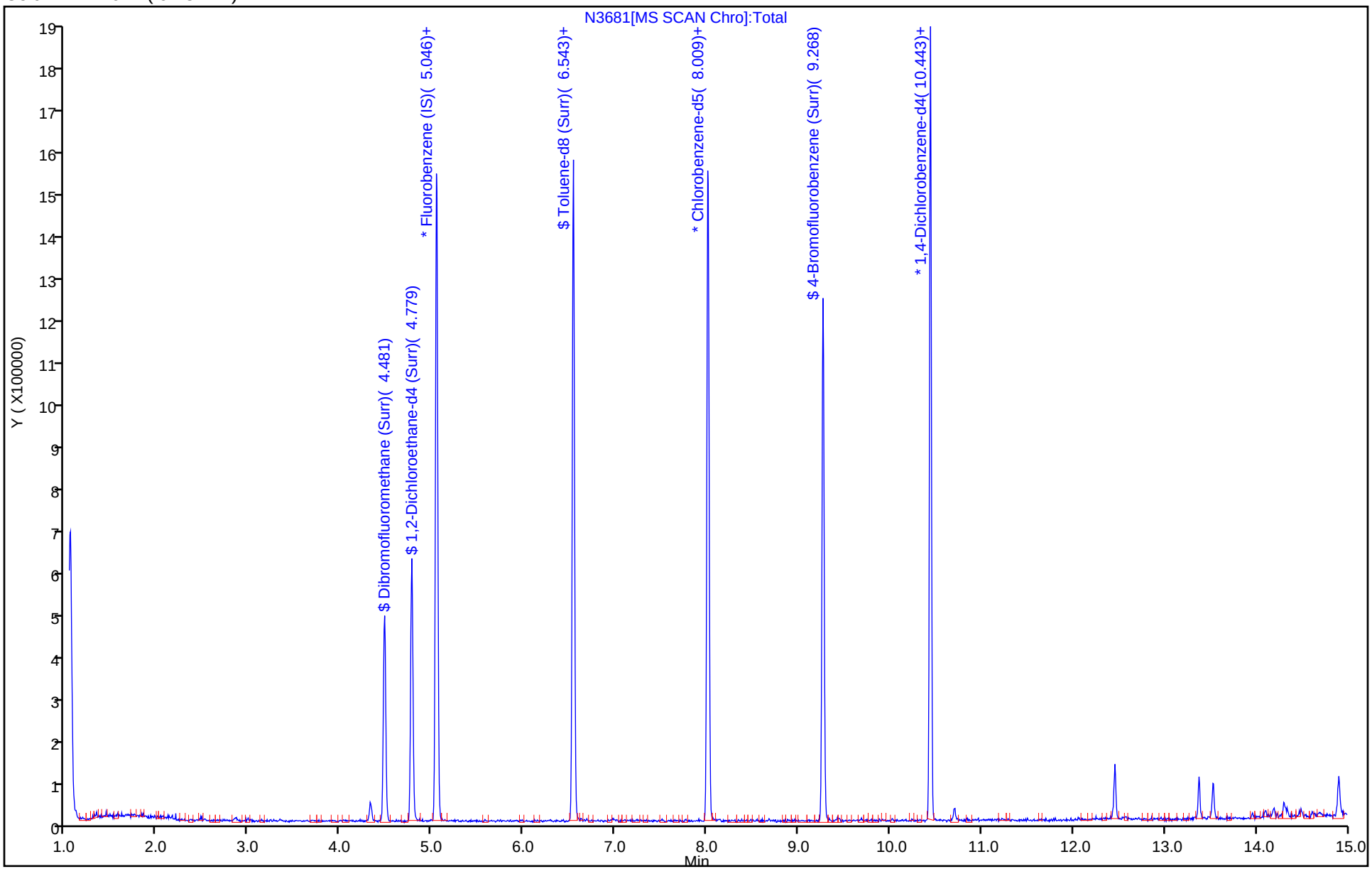
Report Date: 08-Dec-2023 07:53:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3681.d

Injection Date:	07-Dec-2023 18:31:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-A-10	Lab Sample ID:	480-215449-10	Worklist Smp#:	47
Client ID:	TRIP BLANK				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3681.d
Lims ID: 480-215449-A-10
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 07-Dec-2023 18:31:30 ALS Bottle#: 26 Worklist Smp#: 47
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-A-10
Misc. Info.: 480-0115411-047
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 07:53:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	24.3	97.13
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.8	99.37
$ 6 Toluene-d8 (Surr)	25.0	25.2	100.72
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.5	102.00

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-693920/13	N3571.d
Level 2	IC 480-693920/14	N3572.d
Level 3	IC 480-693920/15	N3573.d
Level 4	IC 480-693920/16	N3574.d
Level 5	IC 480-693920/17	N3575.d
Level 6	ICIS 480-693920/18	N3576.d
Level 7	IC 480-693920/19	N3577.d
Level 8	IC 480-693920/20	N3578.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	1.4122 1.4282	1.3134 1.4966	1.4741 1.3987	1.4526	1.5528	Ave		1.4411			0.1000	5.0		20.0			
Chloromethane	3.7238 3.0043	3.3077 3.1292	3.4790 2.7782	3.0924	3.1960	Ave		3.2138			0.1000	9.1		20.0			
Vinyl chloride	1.6862 1.5964	1.7152 1.7444	1.7512 1.5965	1.6674	1.7673	Ave		1.6906			0.1000	4.0		20.0			
Butadiene	2.9430 2.7115	2.9083 2.7855	3.1297 2.5598	2.8271	2.8230	Ave		2.8360				5.9		20.0			
Bromomethane	+++++ 0.8144	0.8957 0.8497	0.8631 0.7720	0.7444	0.8345	Ave		0.8248			0.1000	6.4		20.0			
Chloroethane	0.9823 0.9730	1.1443 1.0199	1.1643 0.9286	0.9672	1.0310	Ave		1.0263			0.1000	8.3		20.0			
Dichlorofluoromethane	2.4934 2.1961	2.7928 2.3822	2.5626 2.1494	2.2418	2.3869	Ave		2.4006				8.9		20.0			
Trichlorofluoromethane	1.6425 1.7621	1.6668 1.7644	1.8282 1.6880	1.6864	1.7727	Ave		1.7264			0.1000	3.7		20.0			
Ethyl ether	2.2636 1.7617	1.7816 1.7968	1.9294 1.6780	1.7877	1.7676	Ave		1.8458				9.9		20.0			
Acrolein	+++++ 0.1283	0.1721 0.1113	0.1080 0.1244	0.1272	0.1258	Lin1	0.1391	0.1207				14.0			0.9960		0.9900
1,1-Dichloroethene	1.1753 1.0729	1.0452 1.0541	1.0357 0.9910	1.0664	1.1108	Ave		1.0689			0.1000	5.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.7891 1.0451	0.7945 1.0938	1.1291 1.0212	0.9842	1.0629	Ave		0.9900			0.1000	13.1		20.0			
Acetone	+++++ 1.2863	1.5217 1.1946	1.2726 1.1662	1.2580	1.1678	Ave		1.2667			0.1000	9.7		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.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	2.0653 1.9014	1.9732 2.0169	2.0963 1.8210	1.8182	1.9838	Ave		1.9595				5.3		20.0			
Carbon disulfide	3.7367 3.5556	3.2505 3.7664	3.9483 3.4770	3.3640	3.7748	Ave		3.6092			0.1000	6.6		20.0			
Allyl chloride	4.8769 4.2379	4.0868 4.4888	4.4242 4.1611	4.0832	4.3975	Ave		4.3445				6.1		20.0			
Methyl acetate	+++++ 2.6606	3.4660 2.6311	2.8032 2.7537	3.1874	2.7889	Ave		2.8987			0.1000	10.7		20.0			
Methylene Chloride	1.9845 1.2273	1.4948 1.2377	1.4225 1.1482	1.2494	1.2722	Lin1	0.4119	1.1803			0.1000	4.7			0.9990		0.9900
2-Methyl-2-propanol	0.4465 0.4170	0.4278 0.4625	0.3595 0.4338	0.3887	0.3434	Ave		0.4099				10.3		20.0			
Methyl tert-butyl ether	4.1196 3.9950	4.6164 4.1894	4.4962 4.0315	3.9997	4.2650	Ave		4.2141			0.1000	5.5		20.0			
trans-1,2-Dichloroethene	1.5171 1.2670	1.2477 1.2891	1.2827 1.1793	1.1727	1.3341	Ave		1.2862			0.1000	8.4		20.0			
Acrylonitrile	1.7911 1.3382	1.6865 1.2864	1.4424 1.4677	1.4813	1.3980	Ave		1.4864				11.5		20.0			
Hexane	+++++ 2.8195	2.2860 2.8475	2.5387 2.7301	2.7233	3.0321	Ave		2.7110				8.8		20.0			
1,1-Dichloroethane	3.0369 2.7920	2.7013 2.9695	3.2920 2.7442	2.7720	2.9863	Ave		2.9118			0.2000	6.8		20.0			
Vinyl acetate	5.7554 5.3186	4.5655 5.7274	4.9049 6.1027	4.7518	5.2713	Ave		5.2997				10.2		20.0			
2,2-Dichloropropane	1.2197 1.1575	1.2137 1.2947	1.3918 1.1839	1.0651	1.2266	Ave		1.2191				7.9		20.0			
cis-1,2-Dichloroethene	1.3650 1.3061	1.1977 1.4069	1.4558 1.2201	1.2744	1.4101	Ave		1.3295			0.1000	7.1		20.0			
2-Butanone (MEK)	2.4097 1.8490	2.2125 1.8558	2.0697 1.9326	1.9903	1.9420	Ave		2.0327			0.1000	9.5		20.0			
Chlorobromomethane	+++++ 0.6286	0.7187 0.6516	0.7390 0.6290	0.6047	0.7000	Ave		0.6674				7.7		20.0			
Tetrahydrofuran	1.6857 1.2083	1.7736 1.2297	1.2937 1.3151	1.4165	1.3842	Ave		1.4134				14.8		20.0			
Chloroform	+++++ 2.0833	1.9706 2.1745	2.3716 2.0418	2.1300	2.2202	Ave		2.1417			0.2000	6.1		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.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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	1.6594 1.7134	1.5468 1.8126	1.7037 1.7612	1.6655	1.7363	Ave		1.6999			0.1000	4.7		20.0			
Cyclohexane	+++++ 3.5549	2.9900 3.6894	3.5691 3.4637	3.4338	3.7301	Ave		3.4901			0.1000	7.0		20.0			
Carbon tetrachloride	1.2774 1.3224	1.0927 1.4700	1.3644 1.4200	1.3345	1.3553	Ave		1.3296			0.1000	8.5		20.0			
1,1-Dichloropropene	1.5528 1.5441	1.5570 1.6361	1.5909 1.5352	1.5459	1.6204	Ave		1.5728				2.4		20.0			
Benzene	4.9499 4.3074	4.3207 4.6121	4.5338 4.4015	4.3795	4.5269	Ave		4.5040			0.5000	4.7		20.0			
Isobutyl alcohol	0.1769 0.1908	0.1987 0.2051	0.1564 0.1945	0.1971	0.1616	Ave		0.1851				9.8		20.0			
1,2-Dichloroethane	2.8317 2.2121	2.5379 2.2661	2.5370 2.1507	2.1235	2.3172	Ave		2.3720			0.1000	10.3		20.0			
n-Heptane	3.6600 4.4481	3.5431 3.7700	3.7219 4.4650	3.2442	3.7642	Ave		3.8271				11.1		20.0			
Trichloroethene	1.1606 1.1071	1.1684 1.1603	1.1466 1.0946	1.0002	1.1409	Ave		1.1223			0.2000	5.0		20.0			
Methylcyclohexane	1.6072 2.0270	1.5504 2.0512	2.0010 1.9610	1.9822	2.0817	Ave		1.9077			0.1000	10.9		20.0			
1,2-Dichloropropane	1.4619 1.3117	1.3404 1.4223	1.2603 1.3071	1.2768	1.3977	Ave		1.3473			0.1000	5.4		20.0			
Dibromomethane	+++++ 0.7204	0.6650 0.7680	0.8249 0.7274	0.7053	0.7929	Ave		0.7434			0.1000	7.4		20.0			
1,4-Dioxane	+++++ 0.0059	0.0060 0.0056	0.0059 0.0052	0.0067	0.0064	Ave		0.0059				8.0		20.0			
Bromodichloromethane	1.6798 1.3394	1.1587 1.5142	1.2943 1.3970	1.2789	1.4310	Ave		1.3867			0.2000	11.5		20.0			
2-Chloroethyl vinyl ether	+++++ 0.9039	0.9826 0.9959	0.9122 0.9319	0.8526	0.9930	Ave		0.9389				5.8		20.0			
cis-1,3-Dichloropropene	1.2236 1.5404	1.3829 1.6972	1.4849 1.6352	1.4261	1.5857	Ave		1.4970			0.2000	10.2		20.0			
4-Methyl-2-pentanone (MIBK)	0.3662 0.3440	0.3641 0.3399	0.3560 0.3480	0.3385	0.3619	Ave		0.3523			0.1000	3.2		20.0			
Toluene	0.7954 0.7770	0.7273 0.7784	0.7988 0.8002	0.8010	0.7922	Ave		0.7838			0.4000	3.1		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.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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	0.3727 0.3780	0.2938 0.4203	0.3254 0.4518	0.3795	0.3861	Ave		0.3760			0.1000	13.2		20.0			
Ethyl methacrylate	0.4802 0.4345	0.4672 0.4523	0.4271 0.4508	0.4142	0.4299	Ave		0.4445				5.0		20.0			
1,1,2-Trichloroethane	0.2754 0.2265	0.2354 0.2276	0.2203 0.2336	0.2215	0.2325	Ave		0.2341			0.1000	7.5		20.0			
Tetrachloroethene	0.2730 0.2906	0.2438 0.3008	0.2831 0.3135	0.3195	0.2987	Ave		0.2904			0.2000	8.3		20.0			
1,3-Dichloropropane	0.5348 0.4774	0.4939 0.4615	0.4700 0.4711	0.4319	0.4687	Ave		0.4762				6.2		20.0			
2-Hexanone	0.9130 0.7733	0.7312 0.7726	0.7934 0.7780	0.7645	0.7828	Ave		0.7886			0.1000	6.8		20.0			
Dibromochloromethane	0.3520 0.2855	0.2784 0.2947	0.2728 0.3131	0.2644	0.2835	Ave		0.2931			0.1000	9.5		20.0			
1,2-Dibromoethane	0.2756 0.2958	0.2339 0.2894	0.2896 0.2963	0.2845	0.2786	Ave		0.2805				7.2		20.0			
Chlorobenzene	0.9469 0.8492	0.7404 0.8277	0.8968 0.8604	0.8475	0.8622	Ave		0.8539			0.5000	6.9		20.0			
Ethylbenzene	1.7255 1.4640	1.4737 1.4721	1.5691 1.5143	1.5128	1.5510	Ave		1.5353			0.1000	5.6		20.0			
1,1,1,2-Tetrachloroethane	0.2895 0.2959	0.3415 0.3041	0.2822 0.3192	0.2869	0.2788	Ave		0.2998				7.1		20.0			
m-Xylene & p-Xylene	0.5820 0.5439	0.4901 0.5433	0.4930 0.5528	0.5206	0.5604	Ave		0.5358			0.1000	6.0		20.0			
o-Xylene	0.5379 0.5488	0.5296 0.5480	0.6164 0.5639	0.5470	0.5468	Ave		0.5548			0.3000	4.8		20.0			
Styrene	0.9297 0.8822	0.8429 0.8974	0.8937 0.9050	0.8488	0.8660	Ave		0.8832			0.3000	3.3		20.0			
Bromoform	0.2223 0.1831	0.1585 0.2084	0.1814 0.2194	0.1729	0.1885	Ave		0.1918			0.1000	11.9		20.0			
Isopropylbenzene	2.4243 2.7892	2.1885 2.7398	2.6093 2.8529	2.6217	2.8674	Ave		2.6366			0.1000	8.8		20.0			
Bromobenzene	0.7551 0.6535	0.7007 0.6717	0.6886 0.6806	0.6740	0.6910	Ave		0.6894				4.4		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8521	0.9646 0.8304	0.8285 0.8428	0.8405	0.8434	Ave		0.8575			0.3000	5.6		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.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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	3.3121 3.3398	2.7403 3.3575	3.3430 3.5002	3.2658	3.5486	Ave		3.3009				7.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2623	0.3106 0.2717	0.2838 0.2649	0.2682	0.2960	Ave		0.2797				6.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4622	0.2224 0.4815	0.3579 0.5162	0.3765	0.4456	Lin1	-0.350	0.5025				9.2			0.9980		0.9900
2-Chlorotoluene	0.4785 0.6203	0.6794 0.6312	0.6207 0.6436	0.6394	0.6558	Ave		0.6211				9.8		20.0			
1,3,5-Trimethylbenzene	2.1424 2.3368	2.0558 2.3253	2.2369 2.3913	2.1856	2.4164	Ave		2.2613				5.6		20.0			
4-Chlorotoluene	2.6597 2.2445	2.2365 2.2637	2.2209 2.3501	2.2515	2.3035	Ave		2.3163				6.3		20.0			
tert-Butylbenzene	0.6034 0.5087	0.4242 0.5153	0.4237 0.5330	0.4734	0.5038	Ave		0.4982				11.8		20.0			
1,2,4-Trimethylbenzene	2.4136 2.4034	2.2047 2.3967	2.2586 2.4516	2.3336	2.4612	Ave		2.3654				3.9		20.0			
sec-Butylbenzene	2.8341 2.9390	2.4456 2.8849	2.5738 3.0385	2.7947	3.0314	Ave		2.8178				7.5		20.0			
1,3-Dichlorobenzene	1.4709 1.3138	1.2905 1.3065	1.2562 1.3495	1.2341	1.3614	Ave		1.3228			0.6000	5.6		20.0			
4-Isopropyltoluene	2.3099 2.5994	2.1819 2.5952	2.4759 2.7153	2.5292	2.7084	Ave		2.5144				7.5		20.0			
1,4-Dichlorobenzene	1.4985 1.3505	1.4682 1.3530	1.3944 1.3717	1.2737	1.3974	Ave		1.3884			0.5000	5.1		20.0			
n-Butylbenzene	2.4843 2.3045	2.3148 2.2728	2.2632 2.4276	2.2540	2.4495	Ave		2.3464				3.9		20.0			
1,2-Dichlorobenzene	1.4330 1.3005	1.4201 1.2962	1.3576 1.3169	1.3179	1.3303	Ave		1.3466			0.4000	3.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1814 0.2030	0.1709 0.2103	0.1798 0.2152	0.1523	0.1983	Ave		0.1889			0.0500	11.4		20.0			
1,2,4-Trichlorobenzene	1.0208 0.9044	0.8762 0.8830	0.9310 0.9155	0.8661	0.8681	Ave		0.9081			0.2000	5.6		20.0			
Hexachlorobutadiene	0.3426 0.3478	0.3271 0.3762	0.4279 0.3746	0.3632	0.3994	Ave		0.3699				8.8		20.0			
Naphthalene	3.0226 2.8593	2.5524 2.8819	2.6577 2.9847	2.5709	2.9000	Ave		2.8037				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 VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Buffalo Job No.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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	1.0693 0.8317	0.8257 0.8152	0.8969 0.8588	0.7549	0.8534	Ave		0.8632				10.7		20.0			
Dibromofluoromethane (Surr)	1.2567 1.2298	1.2961 1.2723	1.3425 1.2471	1.2381	1.3139	Ave		1.2746				3.1		20.0			
1,2-Dichloroethane-d4 (Surr)	1.7548 1.6898	1.7590 1.7330	1.7517 1.6878	1.6645	1.7144	Ave		1.7194				2.1		20.0			
Toluene-d8 (Surr)	1.1267 1.1247	1.1347 1.1163	1.1342 1.1124	1.1082	1.1291	Ave		1.1233				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.3715 0.3853	0.3806 0.3822	0.3830 0.3927	0.3863	0.3842	Ave		0.3832				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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-693920/13	N3571.d
Level 2	IC 480-693920/14	N3572.d
Level 3	IC 480-693920/15	N3573.d
Level 4	IC 480-693920/16	N3574.d
Level 5	IC 480-693920/17	N3575.d
Level 6	ICIS 480-693920/18	N3576.d
Level 7	IC 480-693920/19	N3577.d
Level 8	IC 480-693920/20	N3578.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	6169 316324	11075 641505	24127 1335728	67923	133292	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	16267 665423	27891 1341305	56942 2653228	144598	274346	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	7366 353588	14463 747732	28662 1524635	77967	151709	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	12856 600579	24523 1193969	51225 2444614	132194	242327	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	+++++ 180374	7553 364196	14127 737247	34808	71632	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	4291 215518	9649 437191	19057 886817	45226	88505	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	10892 486424	23549 1021122	41942 2052697	104825	204888	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	7175 390295	14055 756293	29923 1612090	78856	152169	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	9888 390205	15023 770185	31579 1602479	83592	151727	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Lin1	+++++ 142047	7254 238474	8835 593820	29733	53981	+++++ 125	5.00 250	10.0 500	25.0	50.0
1,1-Dichloroethene	FB	Ave	5134 237642	8813 451821	16952 946399	49865	95350	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3447 231482	6699 468852	18481 975294	46019	91241	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	+++++ 1424554	64155 2560262	104145 5568493	294120	501215	+++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	9022 421133	16638 864517	34310 1739074	85018	170291	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	16323	27409	64623	157295	324028	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.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20 ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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
			787521	1614427	3320549			25.0	50.0	100		
Allyl chloride	FB	Ave	21304 938650	34460 1924069	72412 3973921	190925	377481	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	+++++ 1178614	58451 2255604	91762 5259577	298080	478802	+++++ 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	8669 271837	12604 530517	23283 1096541	58420	109202	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	19503 923586	36071 1982499	58834 4142391	181737	294735	5.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	17996 884843	38926 1795750	73590 3850096	187024	366106	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	6627 280634	10521 552561	20994 1126252	54835	114519	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	78241 2963963	142204 5513833	236087 14016232	692639	1200023	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	+++++ 624500	19276 1220554	41551 2607240	127339	260274	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	13266 618394	22778 1272832	53881 2620733	129616	256344	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	50283 2356025	76994 4910007	160558 11656178	444381	904982	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	5328 256368	10234 554947	22780 1130617	49804	105293	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	5963 289296	10099 603038	23828 1165253	59589	121041	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	52633 2047709	93280 3977287	169375 9228421	465326	833489	2.50 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	+++++ 139224	6060 279282	12096 600667	28275	60088	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	14727 535250	29911 1054167	42348 2511840	132472	237647	1.00 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	+++++ 461425	16616 932076	38816 1949925	99595	190584	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	7249 379505	13043 776945	27885 1681941	77877	149044	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	+++++ 787368	25212 1581439	58416 3307818	160561	320195	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	5580 292890	9214 630109	22332 1356150	62398	116342	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	6783 341994	13129 701301	26039 1466154	72284	139099	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.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20 ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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	21623 954036	36433 1976923	74206 4203506	204782	388591	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	19324 1056672	41891 2197520	63989 4644230	230383	346870	12.5 625	25.0 1250	50.0 2500	125	250
1,2-Dichloroethane	FB	Ave	12370 489952	21400 971342	41523 2053936	99291	198906	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	15988 985210	29876 1615952	60917 4264148	151694	323119	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	5070 245221	9852 497349	18766 1045309	46768	97939	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	7021 448971	13073 879228	32751 1872740	92684	178696	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	6386 290529	11302 609676	20628 1248330	59702	119979	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	+++++ 159563	5607 329187	13502 694661	32980	68062	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZd5	Ave	+++++ 85864	3302 170604	6606 327639	20025	37757	+++++ 500	20.0 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	7338 296660	9770 649065	21184 1334117	59801	122834	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 200194	8285 426879	14930 890001	39869	85241	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	5345 341182	11661 727489	24304 1561652	66683	136120	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZd5	Ave	27086 1258473	50041 2598298	100150 5442420	254255	534880	2.50 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZd5	Ave	11767 568598	19989 1189981	44942 2502558	120340	234185	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZd5	Ave	5513 276633	8075 642464	18307 1413146	57010	114147	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZd5	Ave	7104 317932	12840 691424	24032 1409754	62222	127085	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZd5	Ave	4074 165765	6471 348009	12396 730464	33269	68716	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZd5	Ave	4038	6700	15929	47992	88313	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.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20 ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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
			212627	459884	980441			25.0	50.0	100		
1,3-Dichloropropane	CBNZd5	Ave	7911 349344	13574 705561	26444 1473532	64889	138565	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Hexanone	CBNZd5	Ave	67533 2829247	100482 5905528	223200 12165433	574262	1157031	2.50 125	5.00 250	10.0 500	25.0	50.0
Dibromochloromethane	CBNZd5	Ave	5208 208902	7651 450542	15349 979290	39726	83797	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromoethane	CBNZd5	Ave	4077 216483	6428 442348	16295 926706	42743	82370	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chlorobenzene	CBNZd5	Ave	14008 621419	20349 1265349	50458 2691051	127322	254881	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethylbenzene	CBNZd5	Ave	25527 1071330	40505 2250532	88283 4736133	227271	458497	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	4283 216556	9387 464889	15875 998245	43105	82428	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
m-Xylene & p-Xylene	CBNZd5	Ave	8610 398002	13471 830618	27735 1728856	78210	165661	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
o-Xylene	CBNZd5	Ave	7957 401580	14557 837781	34681 1763753	82182	161645	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Styrene	CBNZd5	Ave	13754 645574	23166 1371910	50279 2830487	127513	255996	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromoform	CBNZd5	Ave	3289 133953	4356 318544	10208 686135	25969	55711	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isopropylbenzene	DCBd4	Ave	18772 1098185	33502 2230103	80672 4695680	214677	445172	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromobenzene	DCBd4	Ave	5847 257295	10726 546761	21291 1120168	55191	107280	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 335493	14766 675900	25616 1387250	68826	130938	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
N-Propylbenzene	DCBd4	Ave	25647 1315000	41948 2732889	103358 5760998	267424	550935	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++	4755	8775	21962	45960	+++++	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.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20 ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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
			103283	221184	436062			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd4	Lin1	+++++ 181971	3405 391891	11065 849697	30827	69181	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chlorotoluene	DCBd4	Ave	3705 244233	10401 513793	19190 1059228	52361	101812	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3,5-Trimethylbenzene	DCBd4	Ave	16589 920062	31470 1892741	69160 3935861	178971	375154	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Chlorotoluene	DCBd4	Ave	20595 883750	34236 1842600	68666 3868046	184365	357622	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
tert-Butylbenzene	DCBd4	Ave	4672 200297	6493 419458	13099 877289	38767	78211	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trimethylbenzene	DCBd4	Ave	18689 946297	33749 1950832	69830 4035160	191088	382115	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
sec-Butylbenzene	DCBd4	Ave	21945 1157191	37438 2348206	79575 5001086	228848	470641	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,3-Dichlorobenzene	DCBd4	Ave	11390 517271	19755 1063440	38838 2221149	101052	211355	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Isopropyltoluene	DCBd4	Ave	17886 1023476	33400 2112415	76548 4469102	207107	420486	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dichlorobenzene	DCBd4	Ave	11603 531756	22476 1101335	43112 2257676	104301	216952	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Butylbenzene	DCBd4	Ave	19237 907367	35435 1850012	69973 3995623	184574	380294	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichlorobenzene	DCBd4	Ave	11096 512046	21739 1055068	41975 2167499	107913	206534	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1405 79920	2616 171162	5560 354159	12475	30791	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,4-Trichlorobenzene	DCBd4	Ave	7904 356105	13413 718774	28785 1506868	70924	134773	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Hexachlorobutadiene	DCBd4	Ave	2653 136945	5008 306253	13231 616599	29741	62016	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Naphthalene	DCBd4	Ave	23405 1125796	39073 2345795	82169 4912485	210522	450243	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2,3-Trichlorobenzene	DCBd4	Ave	8280 327450	12640 663540	27729 1413462	61818	132487	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	274495 272390	273224 272685	274668 297745	289455	281959	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	383283 374272	370793 371422	358378 402971	389143	367916	25.0 25.0	25.0 25.0	25.0 25.0	25.0	25.0
Toluene-d8 (Surr)	CBNZd5	Ave	833388	779698	797643	832434	834454	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.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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
			823048	853292	869794			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZd 5	Ave	274801	261525	269377	290197	283947	25.0	25.0	25.0	25.0	25.0
			281956	292179	307012			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.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20) ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-693920/13	N3571.d
Level 2	IC 480-693920/14	N3572.d
Level 3	IC 480-693920/15	N3573.d
Level 4	IC 480-693920/16	N3574.d
Level 5	IC 480-693920/17	N3575.d
Level 6	ICIS 480-693920/18	N3576.d
Level 7	IC 480-693920/19	N3577.d
Level 8	IC 480-693920/20	N3578.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	-2.0						30					
Chloromethane	15.9						30					
Vinyl chloride	-0.3						30					
Butadiene	3.8						30					
Bromomethane	+++++	8.6						30				
Chloroethane	-4.3						30					
Dichlorofluoromethane	3.9						30					
Trichlorofluoromethane	-4.9						30					
Ethyl ether	22.6						30					
Acrolein	+++++	19.5						30				
1,1-Dichloroethene	9.9						30					
1,1,2-Trichloro-1,2,2-trifluoroethane	-20.3						30					
Acetone	+++++	20.1						30				
Iodomethane	5.4						30					
Carbon disulfide	3.5						30					

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

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20) ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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	12.3						30					
Methyl acetate	+++++	19.6						30				
Methylene Chloride	-1.7						30					
2-Methyl-2-propanol	8.9						30					
Methyl tert-butyl ether	-2.2						30					
trans-1,2-Dichloroethene	17.9						30					
Acrylonitrile	20.5						30					
Hexane	+++++	-15.7						30				
1,1-Dichloroethane	4.3						30					
Vinyl acetate	8.6						30					
2,2-Dichloropropane	0.0						30					
cis-1,2-Dichloroethene	2.7						30					
2-Butanone (MEK)	18.5						30					
Chlorobromomethane	+++++	7.7						30				
Tetrahydrofuran	19.3						30					
Chloroform	+++++	-8.0						30				
1,1,1-Trichloroethane	-2.4						30					
Cyclohexane	+++++	-14.3						30				
Carbon tetrachloride	-3.9						30					
1,1-Dichloropropene	-1.3						30					
Benzene	9.9						30					

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

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20) ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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	-4.4						30					
1,2-Dichloroethane	19.4						30					
n-Heptane	-4.4						30					
Trichloroethene	3.4						30					
Methylcyclohexane	-15.8						30					
1,2-Dichloropropane	8.5						30					
Dibromomethane	+++++	-10.6						30				
1,4-Dioxane	+++++	1.0						30				
Bromodichloromethane	21.1						30					
2-Chloroethyl vinyl ether	+++++	4.7						30				
cis-1,3-Dichloropropene	-18.3						30					
4-Methyl-2-pentanone (MIBK)	3.9						30					
Toluene	1.5						30					
trans-1,3-Dichloropropene	-0.9						30					
Ethyl methacrylate	8.0						30					
1,1,2-Trichloroethane	17.6						30					
Tetrachloroethene	-6.0						30					
1,3-Dichloropropane	12.3						30					
2-Hexanone	15.8						30					
Dibromochloromethane	20.1						30					
1,2-Dibromoethane	-1.7						30					

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

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1 | Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N | GC Column: ZB-624 (20) ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 | Calibration End Date: 12/01/2023 16:14 | Calibration ID: 45778

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	10.9						30					
Ethylbenzene	12.4						30					
1,1,1,2-Tetrachloroethane	-3.4						30					
m-Xylene & p-Xylene	8.6						30					
o-Xylene	-3.1						30					
Styrene	5.3						30					
Bromoform	15.9						30					
Isopropylbenzene	-8.1						30					
Bromobenzene	9.5						30					
1,1,2,2-Tetrachloroethane	+++++	12.5						30				
N-Propylbenzene	0.3						30					
1,2,3-Trichloropropane	+++++	11.1						30				
trans-1,4-Dichloro-2-butene	+++++	14.0						30				
2-Chlorotoluene	-23.0						30					
1,3,5-Trimethylbenzene	-5.3						30					
4-Chlorotoluene	14.8						30					
tert-Butylbenzene	21.1						30					
1,2,4-Trimethylbenzene	2.0						30					
sec-Butylbenzene	0.6						30					
1,3-Dichlorobenzene	11.2						30					
4-Isopropyltoluene	-8.1						30					

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

Lab Name: Eurofins Buffalo Job No.: 480-215449-1 Analy Batch No.: 693920

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/01/2023 13:37 Calibration End Date: 12/01/2023 16:14 Calibration ID: 45778

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	7.9						30					
n-Butylbenzene	5.9						30					
1,2-Dichlorobenzene	6.4						30					
1,2-Dibromo-3-Chloropropane	-4.0						30					
1,2,4-Trichlorobenzene	12.4						30					
Hexachlorobutadiene	-7.4						30					
Naphthalene	7.8						30					
1,2,3-Trichlorobenzene	23.9						30					
Dibromofluoromethane (Surr)	-1.4						30					
1,2-Dichloroethane-d4 (Surr)	2.1						30					
Toluene-d8 (Surr)	0.3						30					
4-Bromofluorobenzene (Surr)	-3.1						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Dec-2023 13:37:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0115340-013
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:12:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:17:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	97	218417	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.015	-0.006	92	739683	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	387166	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	92	274495	25.0	24.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	94	383283	25.0	25.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	833388	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	85	274801	25.0	24.2	
11 Dichlorodifluoromethane	85	1.147	1.141	0.006	55	6169	0.5000	0.4900	M
13 Chloromethane	50	1.299	1.293	0.006	94	16267	0.5000	0.5793	
14 Vinyl chloride	62	1.378	1.372	0.006	66	7366	0.5000	0.4987	
144 Butadiene	54	1.384	1.384	0.000	89	12856	0.5000	0.5189	
15 Bromomethane	94	1.652	1.640	0.012	13	5031	0.5000	0.6981	
16 Chloroethane	64	1.695	1.706	-0.012	0	4291	0.5000	0.4785	M
17 Dichlorofluoromethane	67	1.914	1.907	0.007	86	10892	0.5000	0.5193	
18 Trichlorofluoromethane	101	1.920	1.925	-0.005	37	7175	0.5000	0.4757	
19 Ethyl ether	59	2.157	2.157	0.000	86	9888	0.5000	0.6132	
20 Acrolein	56	2.315	2.327	-0.012	42	6068	2.50	4.60	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.370	2.357	0.013	47	3447	0.5000	0.3985	
22 1,1-Dichloroethene	96	2.358	2.364	-0.006	88	5134	0.5000	0.5497	
23 Acetone	43	2.479	2.473	0.006	99	36741	2.50	3.32	
24 Iodomethane	142	2.516	2.510	0.006	69	9022	0.5000	0.5270	
25 Carbon disulfide	76	2.546	2.540	0.006	97	16323	0.5000	0.5177	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	87	21304	0.5000	0.5613	
28 Methyl acetate	43	2.759	2.759	0.000	97	39896	1.00	1.58	
30 Methylene Chloride	84	2.850	2.850	0.000	86	8669	0.5000	0.4917	
31 2-Methyl-2-propanol	59	3.033	3.027	0.006	94	19503	5.00	5.45	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	91	17996	0.5000	0.4888	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	88	6627	0.5000	0.5897	
34 Acrylonitrile	53	3.124	3.124	0.000	95	78241	5.00	6.02	
35 Hexane	57	3.258	3.264	-0.006	90	8393	0.5000	0.3544	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.477	3.477	0.000	96	13266	0.5000	0.5215	
39 Vinyl acetate	43	3.538	3.532	0.006	96	50283	1.00	1.09	
42 2,2-Dichloropropane	77	3.976	3.982	-0.006	24	5328	0.5000	0.5002	
43 cis-1,2-Dichloroethene	96	4.012	4.018	-0.006	87	5963	0.5000	0.5134	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	52633	2.50	2.96	
47 Chlorobromomethane	128	4.250	4.249	0.001	81	4052	0.5000	0.6950	
49 Tetrahydrofuran	42	4.274	4.262	0.012	85	14727	1.00	1.19	
50 Chloroform	83	4.323	4.329	-0.005	94	14193	0.5000	0.7585	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	66	7249	0.5000	0.4881	
52 Cyclohexane	56	4.432	4.438	-0.006	63	11265	0.5000	0.3694	
53 Carbon tetrachloride	117	4.566	4.566	0.000	60	5580	0.5000	0.4804	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	74	6783	0.5000	0.4936	
55 Benzene	78	4.767	4.779	-0.012	39	21623	0.5000	0.5495	
56 Isobutyl alcohol	43	4.821	4.821	0.000	43	19324	12.5	11.9	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	92	12370	0.5000	0.5969	
59 n-Heptane	43	4.967	4.967	0.000	92	15988	0.5000	0.4782	
60 Trichloroethene	95	5.381	5.387	-0.006	87	5070	0.5000	0.5171	
62 Methylcyclohexane	83	5.491	5.497	-0.006	87	7021	0.5000	0.4212	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	75	6386	0.5000	0.5425	
64 Dibromomethane	93	5.752	5.758	-0.006	91	4657	0.5000	0.7170	
66 1,4-Dioxane	88	5.795	5.770	0.025	27	1129	10.0	6.42	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	88	7338	0.5000	0.6057	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	86	5755	0.5000	0.7016	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	74	5345	0.5000	0.4087	
72 4-Methyl-2-pentanone (MIBK)	58	6.482	6.476	0.006	96	27086	2.50	2.60	a
73 Toluene	92	6.604	6.610	-0.006	94	11767	0.5000	0.5074	
75 trans-1,3-Dichloropropene	75	6.902	6.896	0.006	16	5513	0.5000	0.4956	
77 Ethyl methacrylate	69	6.951	6.951	0.000	86	7104	0.5000	0.5401	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	85	4074	0.5000	0.5882	Ma
79 Tetrachloroethene	166	7.139	7.133	0.006	82	4038	0.5000	0.4700	
80 1,3-Dichloropropane	76	7.243	7.236	0.007	79	7911	0.5000	0.5615	
82 2-Hexanone	43	7.316	7.316	0.000	96	67533	2.50	2.89	
83 Chlorodibromomethane	129	7.474	7.468	0.006	15	5208	0.5000	0.6006	
84 Ethylene Dibromide	107	7.571	7.565	0.006	18	4077	0.5000	0.4913	
85 Chlorobenzene	112	8.046	8.039	0.007	89	14008	0.5000	0.5545	
88 Ethylbenzene	91	8.143	8.137	0.006	95	25527	0.5000	0.5619	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	41	4283	0.5000	0.4829	
90 m-Xylene & p-Xylene	106	8.271	8.258	0.013	94	8610	0.5000	0.5432	a
91 o-Xylene	106	8.685	8.684	0.001	94	7957	0.5000	0.4847	
92 Styrene	104	8.721	8.715	0.006	91	13754	0.5000	0.5263	
93 Bromoform	173	8.970	8.952	0.018	1	3289	0.5000	0.5796	
95 Isopropylbenzene	105	9.068	9.074	-0.006	96	18772	0.5000	0.4597	
97 Bromobenzene	156	9.421	9.420	0.001	91	5847	0.5000	0.5477	
98 1,1,2,2-Tetrachloroethane	83	9.488	9.493	-0.005	88	9421	0.5000	0.7094	
100 N-Propylbenzene	91	9.518	9.512	0.006	97	25647	0.5000	0.5017	
99 1,2,3-Trichloropropane	110	9.512	9.524	-0.012	57	3805	0.5000	0.8785	
101 trans-1,4-Dichloro-2-butene	53	9.536	9.542	-0.006	41	2838	0.5000	1.06	
102 2-Chlorotoluene	126	9.615	9.615	0.000	93	3705	0.5000	0.3852	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	91	16589	0.5000	0.4737	
105 4-Chlorotoluene	91	9.731	9.731	0.000	94	20595	0.5000	0.5741	
106 tert-Butylbenzene	134	10.017	10.029	-0.012	93	4672	0.5000	0.6056	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	96	18689	0.5000	0.5102	

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	10.236	10.242	-0.006	94	21945	0.5000	0.5029	
110 1,3-Dichlorobenzene	146	10.382	10.376	0.006	93	11390	0.5000	0.5560	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	95	17886	0.5000	0.4593	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	86	11603	0.5000	0.5396	
115 n-Butylbenzene	91	10.783	10.783	0.000	97	19237	0.5000	0.5294	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	96	11096	0.5000	0.5321	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.562	0.000	1	1405	0.5000	0.4802	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	91	7904	0.5000	0.5620	
120 Hexachlorobutadiene	225	12.359	12.359	0.000	85	2653	0.5000	0.4631	
121 Naphthalene	128	12.462	12.456	0.006	96	23405	0.5000	0.5390	
122 1,2,3-Trichlorobenzene	180	12.657	12.663	-0.006	90	8280	0.5000	0.6194	
S 123 1,3-Dichloropropene, Total	1				0			0.9043	
S 125 Total BTEX	1				0			2.65	
S 124 1,2-Dichloroethene, Total	1				0			1.10	
S 126 Xylenes, Total	1				0			1.03	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 CORP mix_00245	Amount Added:	0.50	Units: uL	
GAS CORP mix_00597	Amount Added:	0.50	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

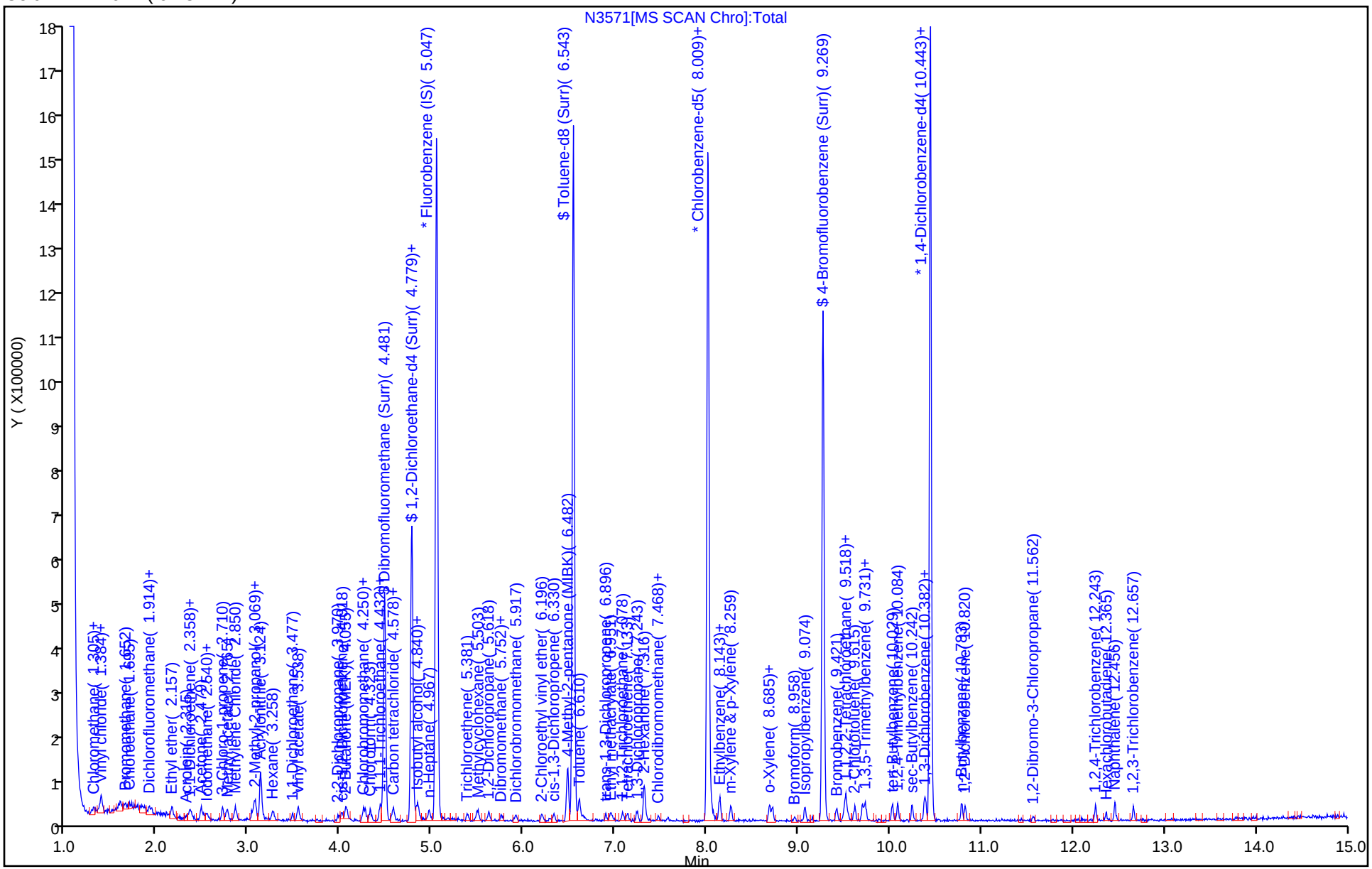
Report Date: 04-Dec-2023 11:12:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d

Injection Date:	01-Dec-2023 13:37:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 0.5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

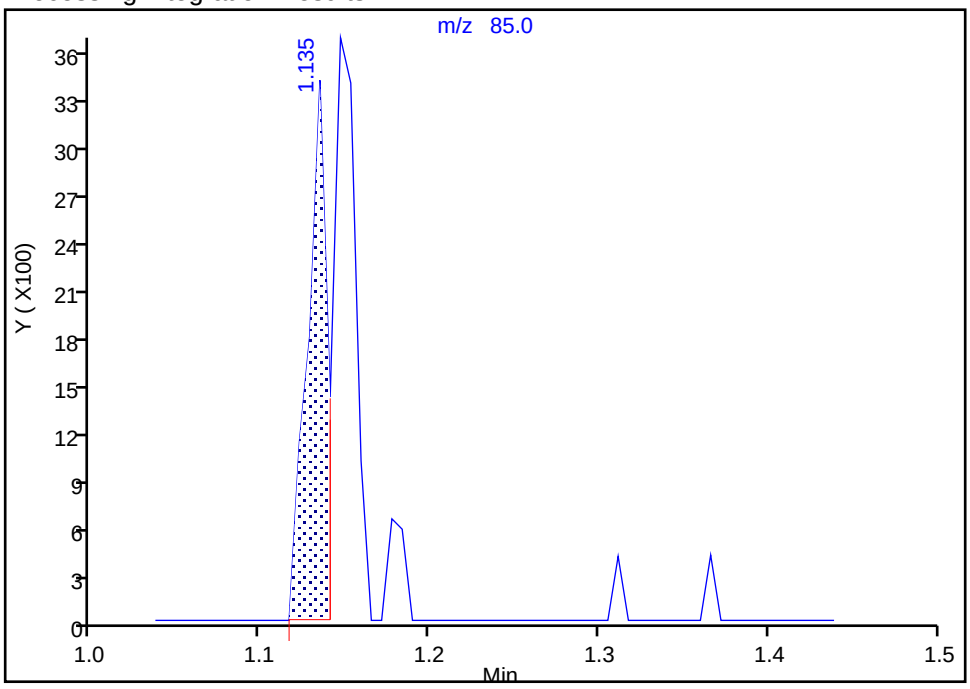
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

11 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

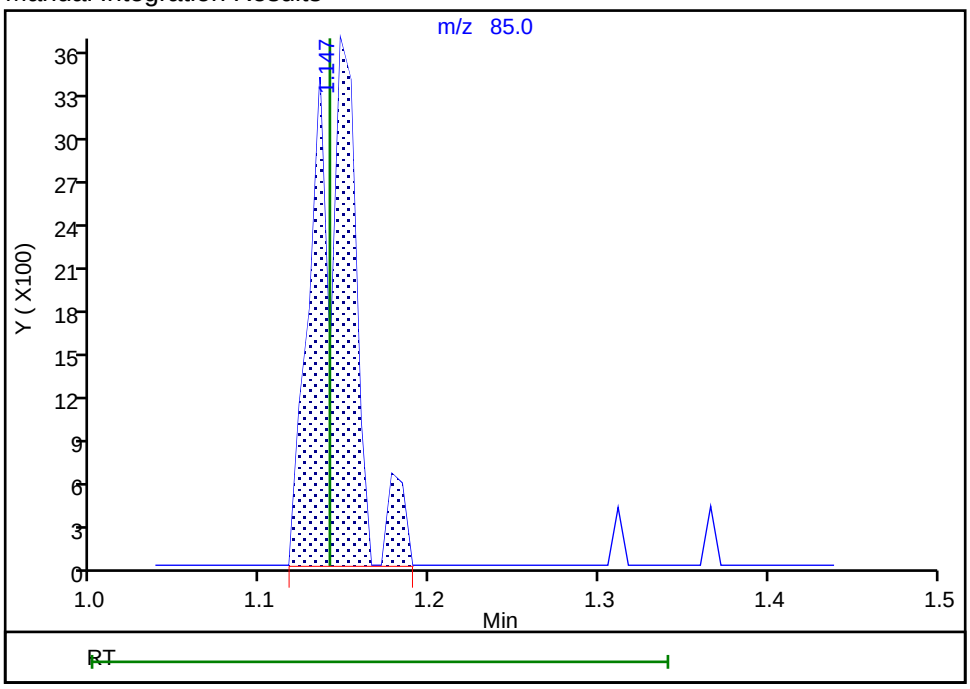
Processing Integration Results

RT: 1.13
Area: 2802
Amount: 0.447131
Amount Units: ug/L



Manual Integration Results

RT: 1.15
Area: 6169
Amount: 0.489985
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:16:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

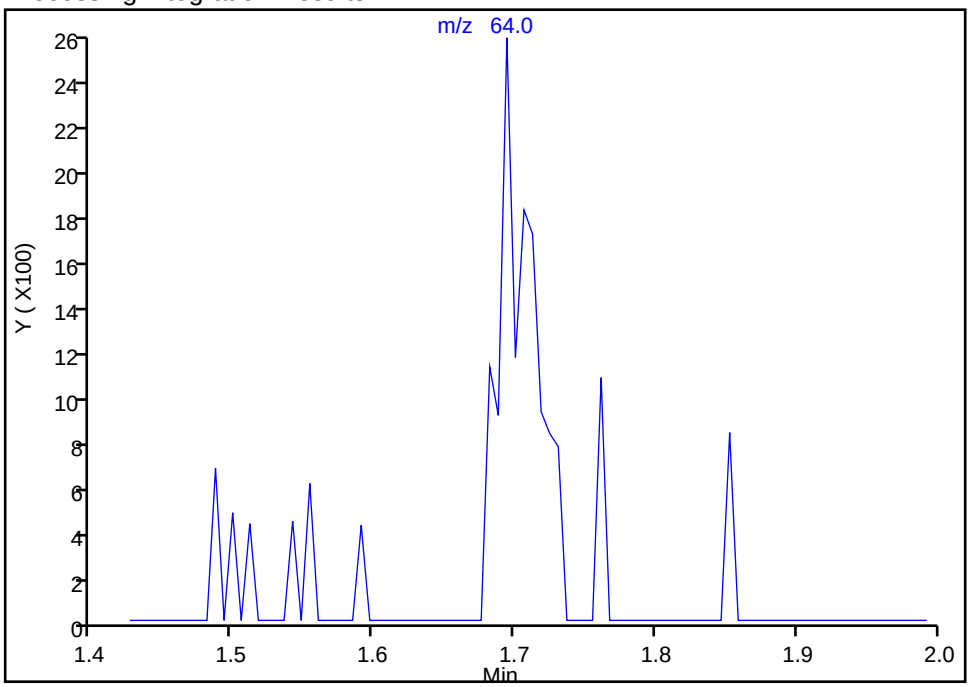
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

16 Chloroethane, CAS: 75-00-3

Signal: 1

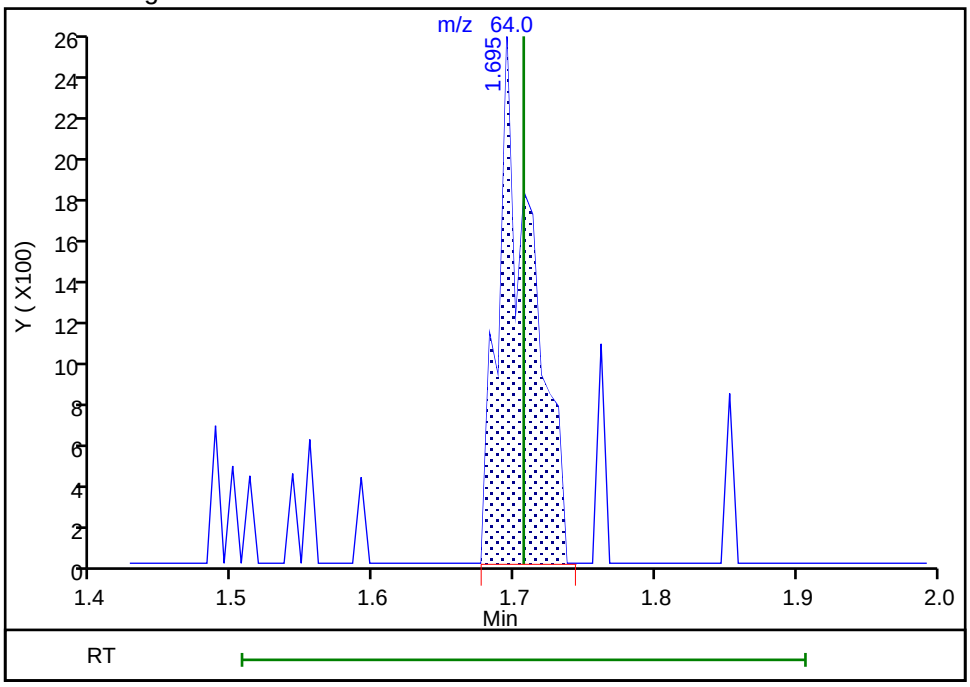
Not Detected
Expected RT: 1.71

Processing Integration Results



Manual Integration Results

RT: 1.69
Area: 4291
Amount: 0.478538
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:16:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

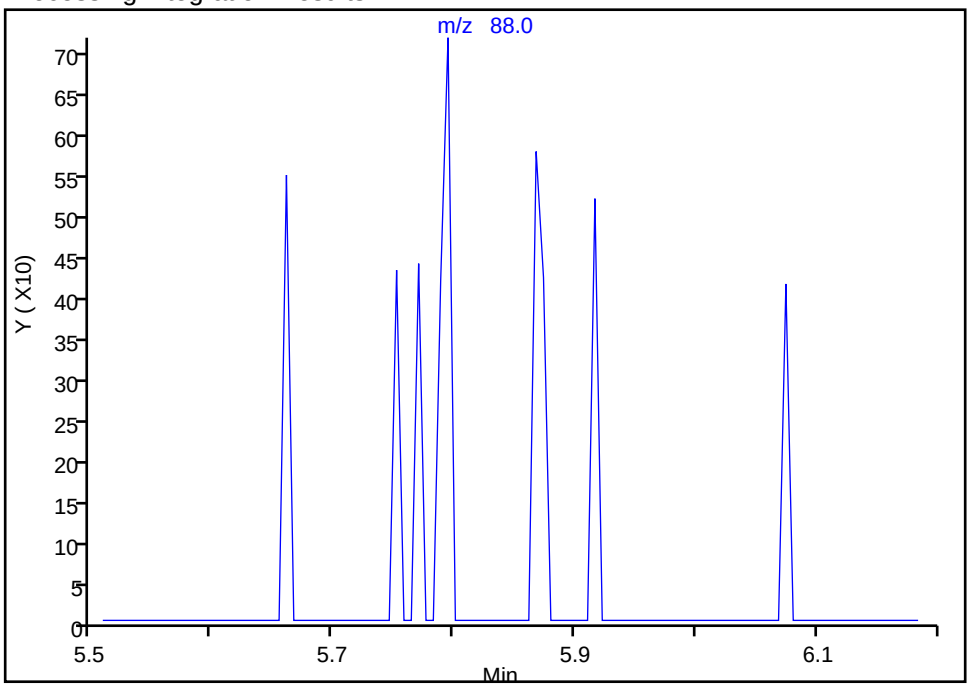
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

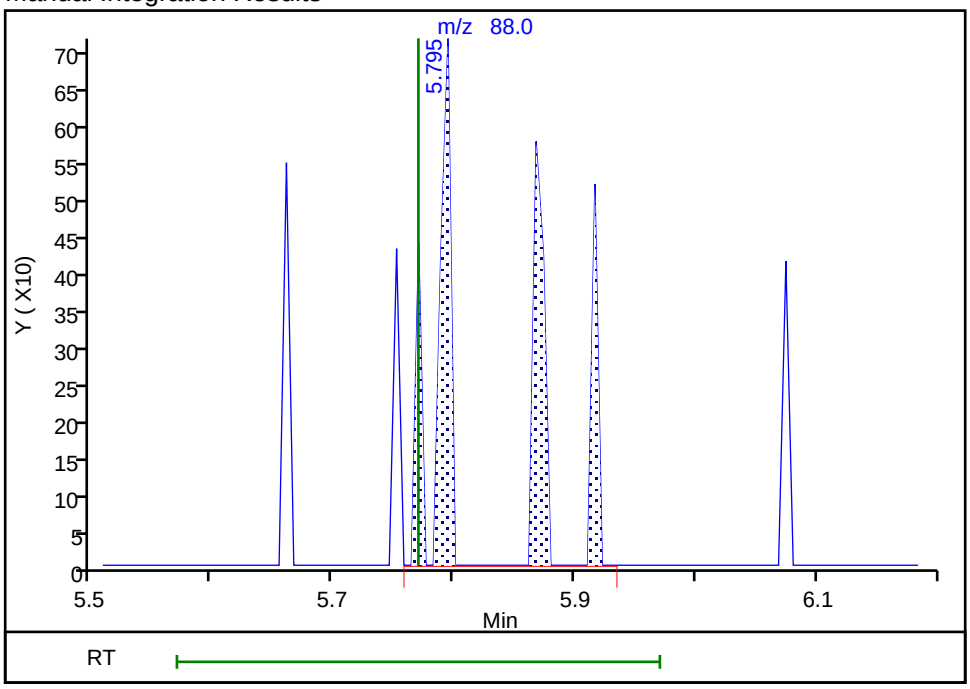
Not Detected
Expected RT: 5.77

Processing Integration Results



Manual Integration Results

RT: 5.79
Area: 1129
Amount: 6.418760
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:28:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

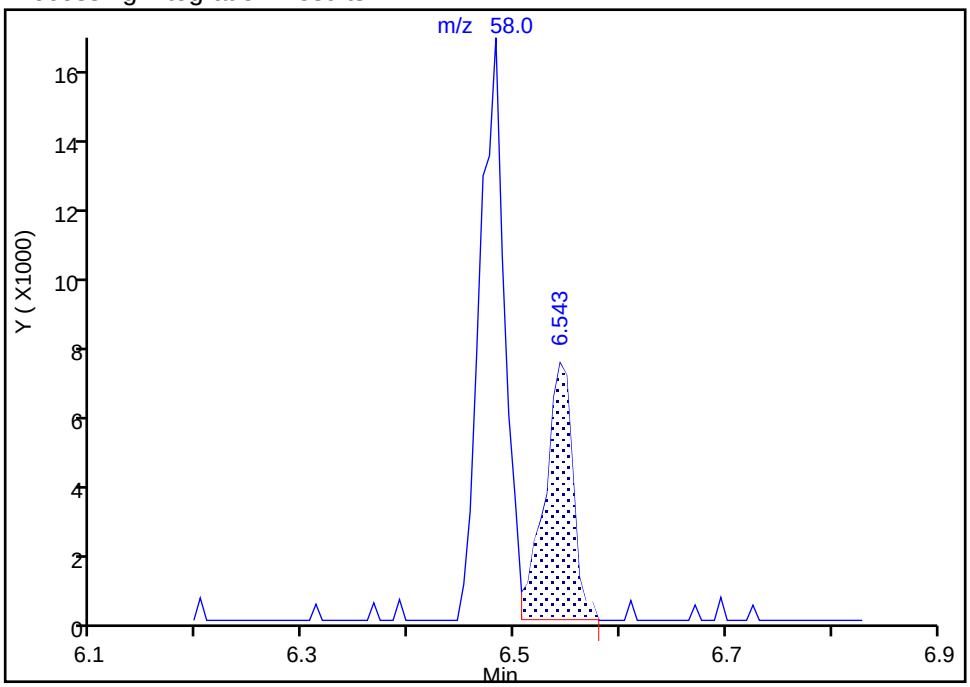
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

72 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

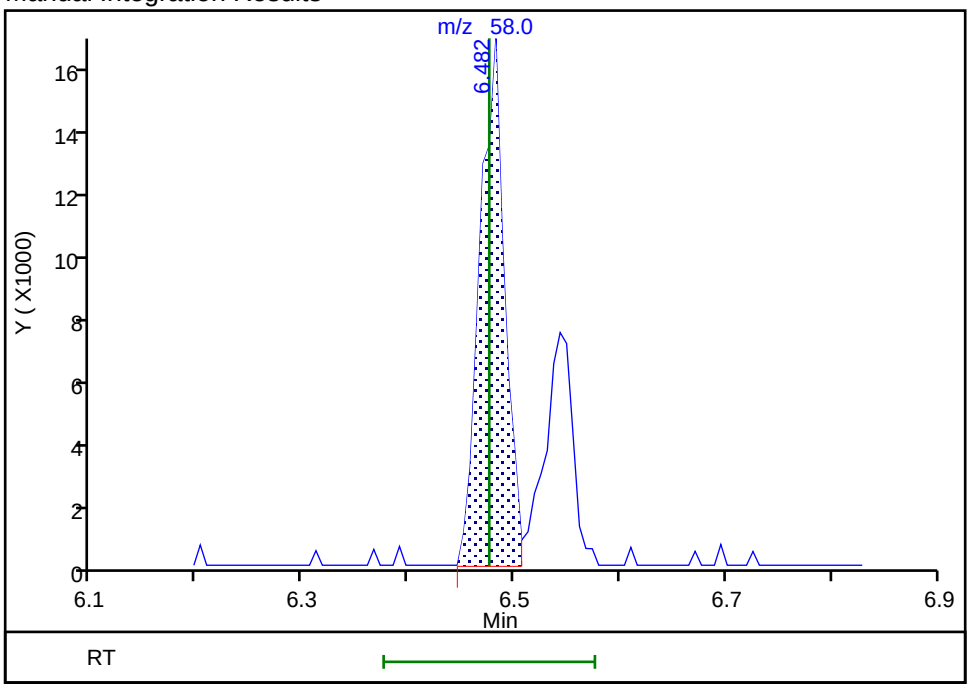
RT: 6.54
Area: 13666
Amount: 1.569156
Amount Units: ug/L

Processing Integration Results



RT: 6.48
Area: 27086
Amount: 2.598320
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 04-Dec-2023 10:16:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

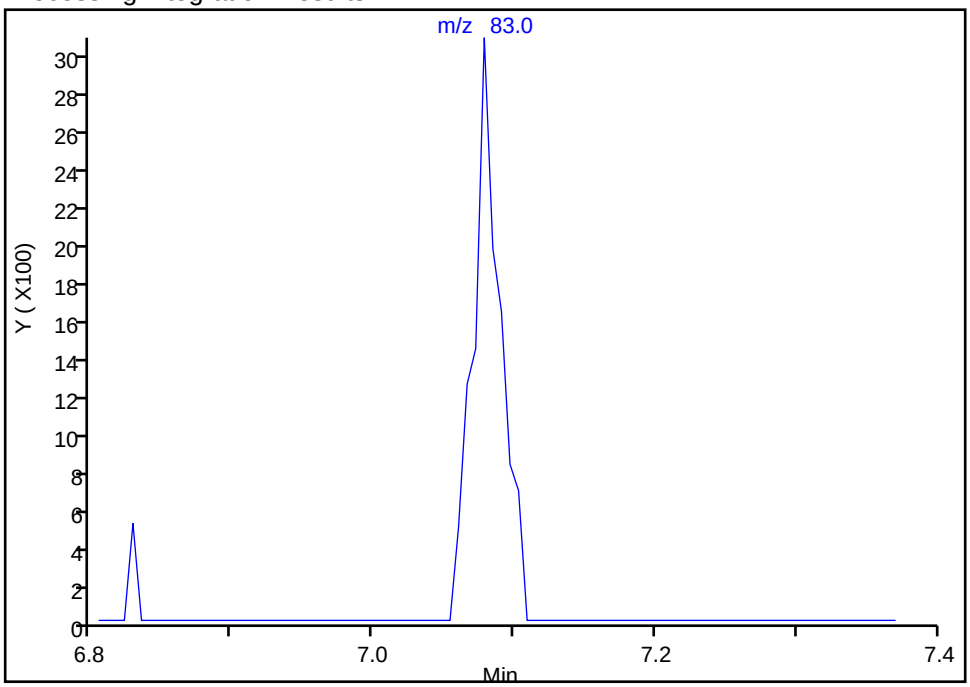
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

78 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

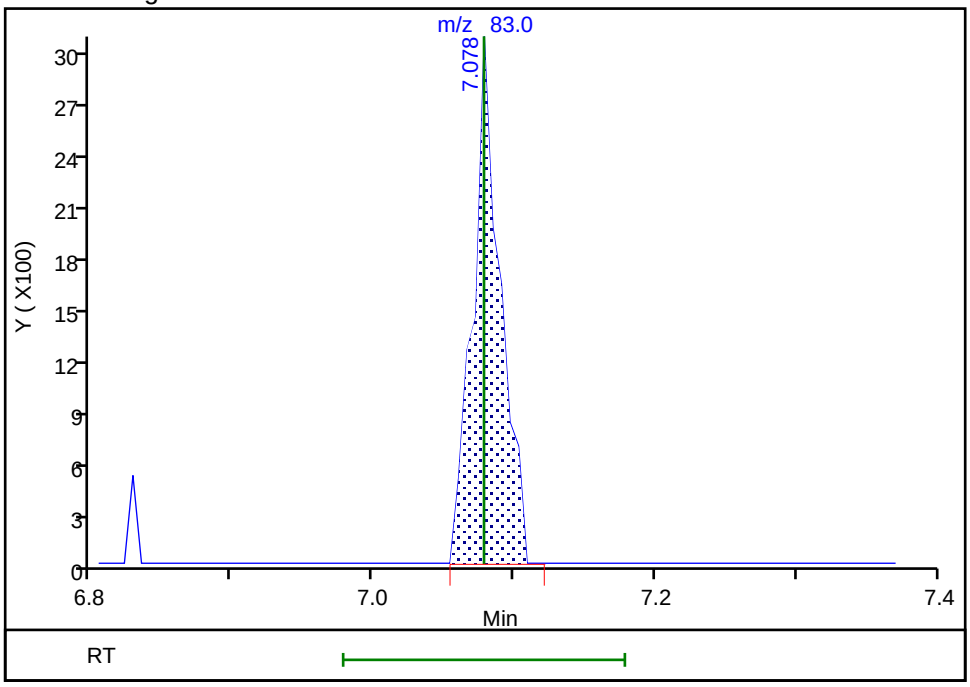
Not Detected
Expected RT: 7.08

Processing Integration Results



Manual Integration Results

RT: 7.08
Area: 4074
Amount: 0.588187
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:17:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

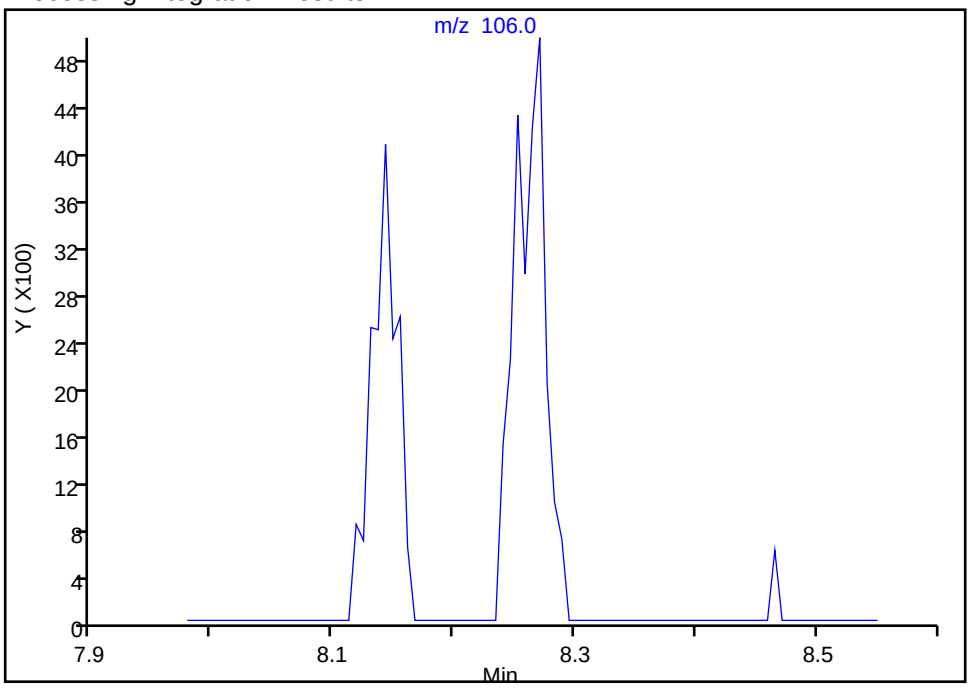
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3571.d
Injection Date: 01-Dec-2023 13:37:30 Instrument ID: HP5973N
Lims ID: IC 0.5
Client ID:
Operator ID: CR ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

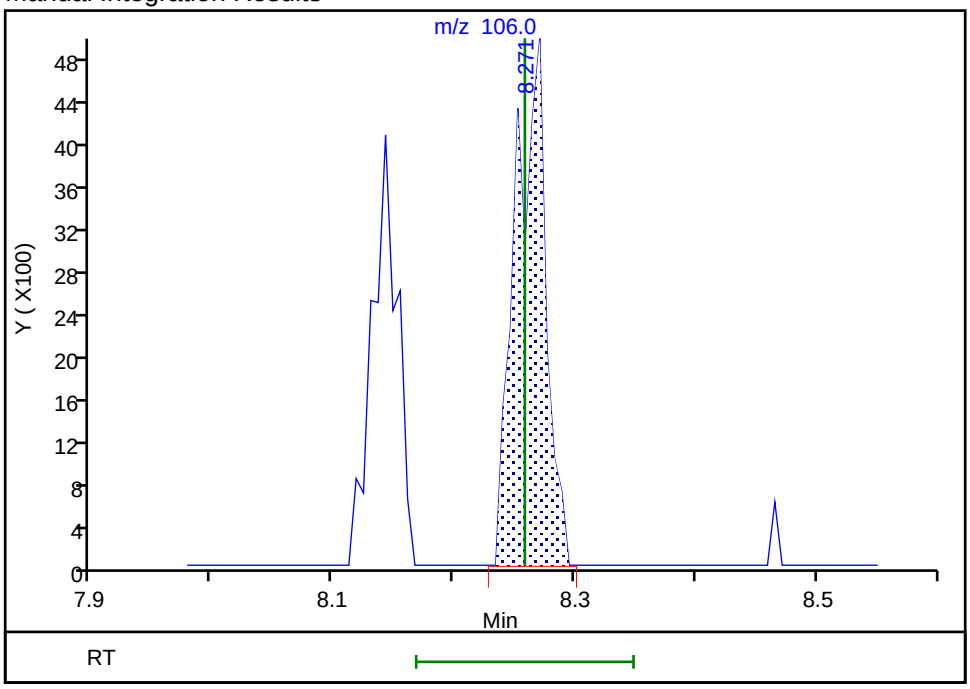
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.27
Area: 8610
Amount: 0.543155
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:17:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Dec-2023 13:59:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC
Misc. Info.: 480-0115340-014
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:12:57 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:19:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	96	210803	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.015	0.000	93	687118	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	382701	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	273224	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	94	370793	25.0	25.6	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	779698	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.274	-0.006	85	261525	25.0	24.8	
11 Dichlorodifluoromethane	85	1.147	1.141	0.006	54	11075	1.00	0.9114	M
13 Chloromethane	50	1.293	1.293	0.000	99	27891	1.00	1.03	
14 Vinyl chloride	62	1.372	1.372	0.000	55	14463	1.00	1.01	
144 Butadiene	54	1.384	1.384	0.000	96	24523	1.00	1.03	
15 Bromomethane	94	1.640	1.640	0.000	50	7553	1.00	1.09	
16 Chloroethane	64	1.700	1.706	-0.006	90	9649	1.00	1.11	
17 Dichlorofluoromethane	67	1.901	1.907	-0.006	93	23549	1.00	1.16	
18 Trichlorofluoromethane	101	1.938	1.925	0.013	47	14055	1.00	0.9655	
19 Ethyl ether	59	2.157	2.157	0.000	84	15023	1.00	0.9652	
20 Acrolein	56	2.321	2.327	-0.006	48	7254	5.00	5.98	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.370	2.357	0.013	0	6699	1.00	0.8025	M
22 1,1-Dichloroethene	96	2.358	2.364	-0.006	87	8813	1.00	0.9778	
23 Acetone	43	2.473	2.473	0.000	95	64155	5.00	6.01	
24 Iodomethane	142	2.510	2.510	0.000	85	16638	1.00	1.01	
25 Carbon disulfide	76	2.540	2.540	0.000	91	27409	1.00	0.9006	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	86	34460	1.00	0.9407	
28 Methyl acetate	43	2.765	2.759	0.006	98	58451	2.00	2.39	
30 Methylene Chloride	84	2.850	2.850	0.000	86	12604	1.00	0.9174	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	90	36071	10.0	10.4	
32 Methyl tert-butyl ether	73	3.051	3.057	-0.006	81	38926	1.00	1.10	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	91	10521	1.00	0.9701	
34 Acrylonitrile	53	3.130	3.124	0.006	94	142204	10.0	11.3	
35 Hexane	57	3.258	3.264	-0.006	90	19276	1.00	0.8432	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.477	3.477	0.000	95	22778	1.00	0.9277	
39 Vinyl acetate	43	3.532	3.532	0.000	97	76994	2.00	1.72	
42 2,2-Dichloropropane	77	3.970	3.982	-0.012	65	10234	1.00	1.00	
43 cis-1,2-Dichloroethene	96	4.012	4.018	-0.006	66	10099	1.00	0.9008	
44 2-Butanone (MEK)	43	4.061	4.055	0.006	95	93280	5.00	5.44	
47 Chlorobromomethane	128	4.243	4.249	-0.006	81	6060	1.00	1.08	
49 Tetrahydrofuran	42	4.268	4.262	0.006	89	29911	2.00	2.51	
50 Chloroform	83	4.323	4.329	-0.006	91	16616	1.00	0.9201	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	70	13043	1.00	0.9100	
52 Cyclohexane	56	4.438	4.438	0.000	88	25212	1.00	0.8567	
53 Carbon tetrachloride	117	4.572	4.566	0.006	77	9214	1.00	0.8218	
54 1,1-Dichloropropene	75	4.584	4.578	0.006	78	13129	1.00	0.9900	
55 Benzene	78	4.779	4.779	0.000	42	36433	1.00	0.9593	
56 Isobutyl alcohol	43	4.834	4.821	0.013	91	41891	25.0	26.8	
57 1,2-Dichloroethane	62	4.852	4.846	0.006	91	21400	1.00	1.07	
59 n-Heptane	43	4.973	4.967	0.006	93	29876	1.00	0.9258	
60 Trichloroethene	95	5.381	5.387	-0.006	89	9852	1.00	1.04	
62 Methylcyclohexane	83	5.497	5.497	0.000	89	13073	1.00	0.8127	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	77	11302	1.00	0.99	
64 Dibromomethane	93	5.752	5.758	-0.006	87	5607	1.00	0.8945	M
66 1,4-Dioxane	88	5.783	5.770	0.013	29	3302	20.0	20.2	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	92	9770	1.00	0.8356	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	81	8285	1.00	1.05	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	80	11661	1.00	0.9238	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	50041	5.00	5.17	a
73 Toluene	92	6.610	6.610	0.000	95	19989	1.00	0.9279	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	80	8075	1.00	0.7815	
77 Ethyl methacrylate	69	6.951	6.951	0.000	88	12840	1.00	1.05	
78 1,1,2-Trichloroethane	83	7.091	7.078	0.013	89	6471	1.00	1.01	
79 Tetrachloroethene	166	7.139	7.133	0.006	81	6700	1.00	0.8395	
80 1,3-Dichloropropane	76	7.237	7.236	0.001	82	13574	1.00	1.04	
82 2-Hexanone	43	7.316	7.316	0.000	96	100482	5.00	4.64	
83 Chlorodibromomethane	129	7.468	7.468	0.000	80	7651	1.00	0.9499	
84 Ethylene Dibromide	107	7.565	7.565	0.000	91	6428	1.00	0.8339	
85 Chlorobenzene	112	8.046	8.039	0.007	88	20349	1.00	0.8671	
88 Ethylbenzene	91	8.137	8.137	0.000	95	40505	1.00	0.9599	
89 1,1,1,2-Tetrachloroethane	131	8.149	8.143	0.006	44	9387	1.00	1.14	
90 m-Xylene & p-Xylene	106	8.265	8.258	0.007	96	13471	1.00	0.9148	
91 o-Xylene	106	8.684	8.684	0.000	96	14557	1.00	0.9546	a
92 Styrene	104	8.721	8.715	0.006	90	23166	1.00	0.9543	
93 Bromoform	173	8.958	8.952	0.006	88	4356	1.00	0.8263	
95 Isopropylbenzene	105	9.074	9.074	0.000	95	33502	1.00	0.8300	
97 Bromobenzene	156	9.408	9.420	-0.012	86	10726	1.00	1.02	
98 1,1,2,2-Tetrachloroethane	83	9.500	9.493	0.007	91	14766	1.00	1.12	
100 N-Propylbenzene	91	9.512	9.512	0.000	97	41948	1.00	0.8302	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	65	4755	1.00	1.11	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	1	3405	1.00	1.14	
102 2-Chlorotoluene	126	9.615	9.615	0.000	96	10401	1.00	1.09	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	92	31470	1.00	0.9091	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	34236	1.00	0.9655	
106 tert-Butylbenzene	134	10.029	10.029	0.000	91	6493	1.00	0.8514	
108 1,2,4-Trimethylbenzene	105	10.078	10.084	-0.006	97	33749	1.00	0.9320	

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	10.242	10.242	0.000	96	37438	1.00	0.8679	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	80	19755	1.00	0.9755	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	96	33400	1.00	0.8678	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	22476	1.00	1.06	
115 n-Butylbenzene	91	10.783	10.783	0.000	96	35435	1.00	0.9865	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	92	21739	1.00	1.05	
117 1,2-Dibromo-3-Chloropropane	75	11.556	11.562	-0.006	63	2616	1.00	0.9046	
119 1,2,4-Trichlorobenzene	180	12.249	12.243	0.006	87	13413	1.00	0.9648	
120 Hexachlorobutadiene	225	12.359	12.359	0.000	87	5008	1.00	0.8845	
121 Naphthalene	128	12.462	12.456	0.006	98	39073	1.00	0.9104	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	92	12640	1.00	0.9565	
S 123 1,3-Dichloropropene, Total	1				0			1.71	
S 125 Total BTEX	1				0			4.72	
S 124 1,2-Dichloroethene, Total	1				0			1.87	
S 126 Xylenes, Total	1				0			1.87	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 CORP mix_00245	Amount Added:	1.00	Units: uL	
GAS CORP mix_00597	Amount Added:	1.00	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

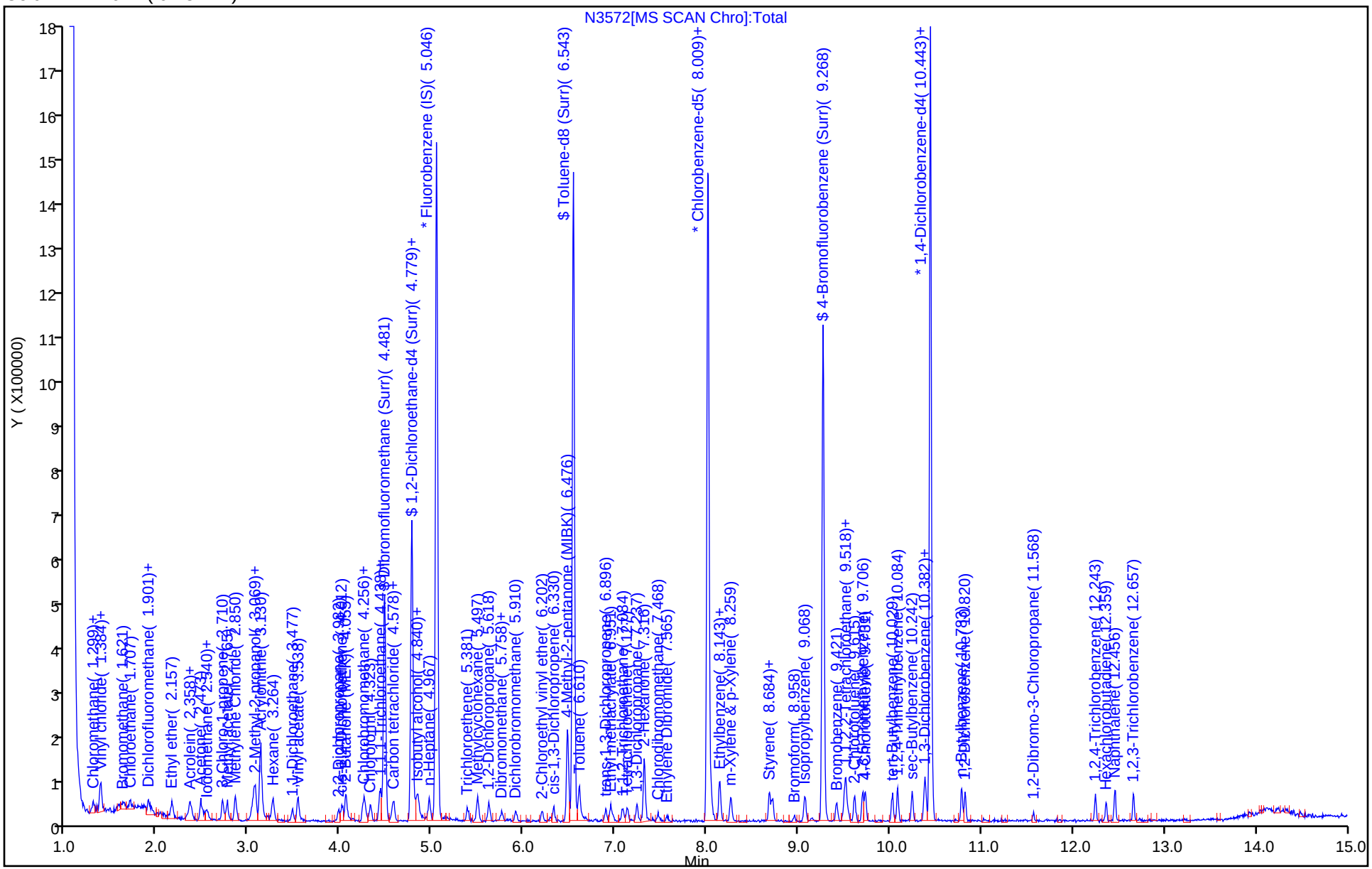
Report Date: 04-Dec-2023 11:12:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d

Injection Date:	01-Dec-2023 13:59:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

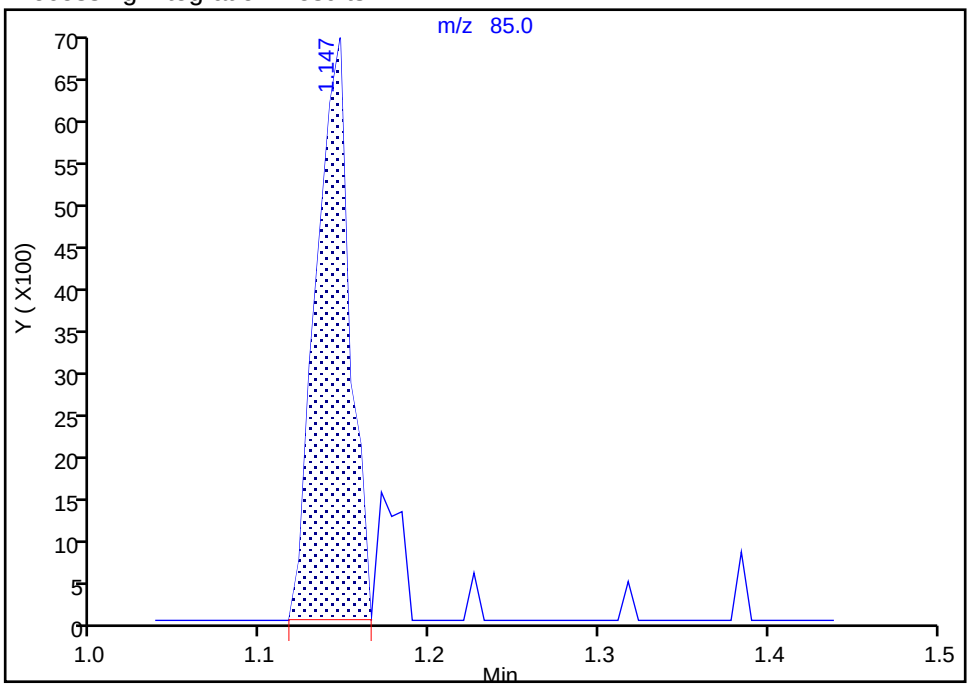
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

11 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

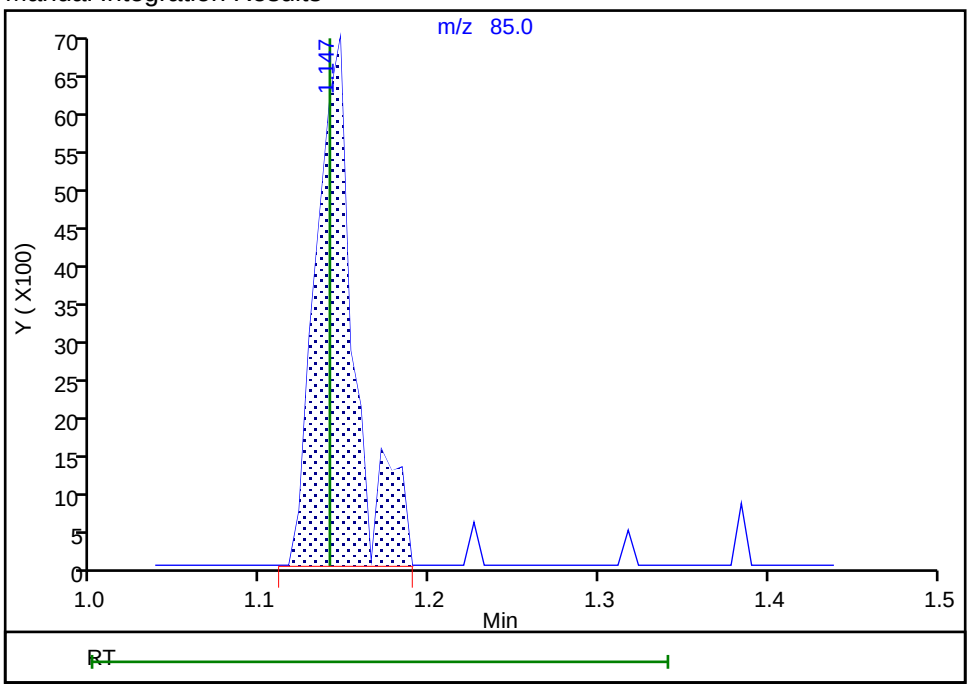
Processing Integration Results

RT: 1.15
Area: 9600
Amount: 0.822789
Amount Units: ug/L



Manual Integration Results

RT: 1.15
Area: 11075
Amount: 0.911425
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:17:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

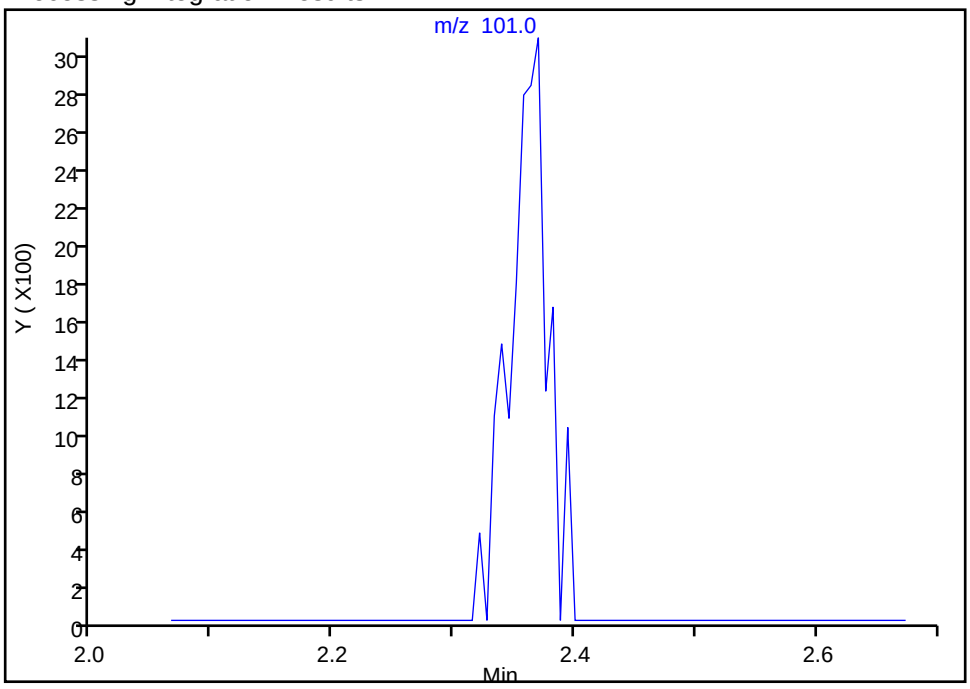
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

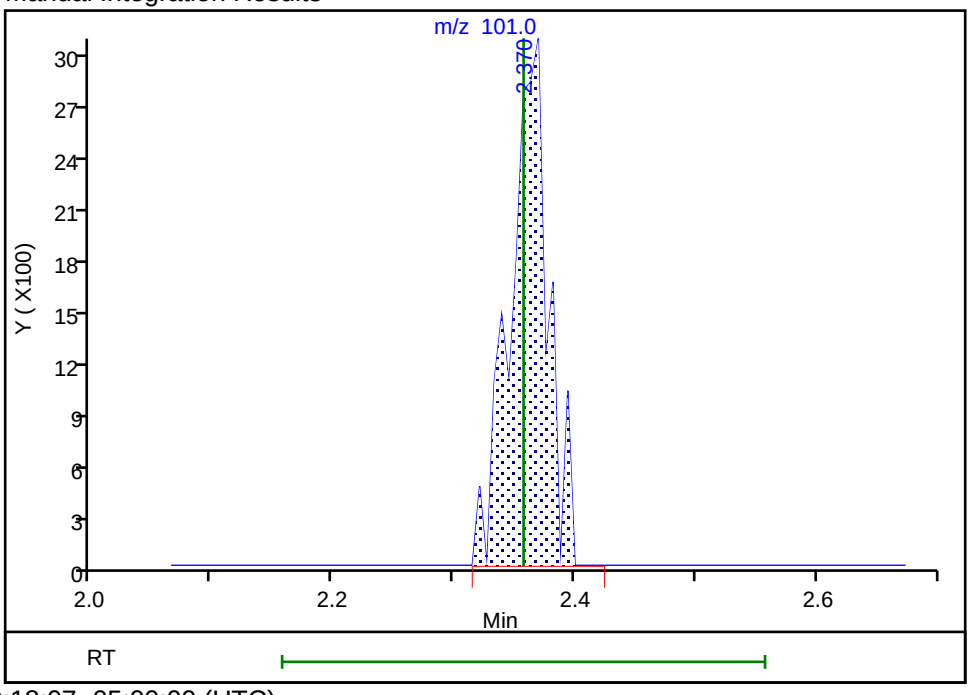
Not Detected
Expected RT: 2.36

Processing Integration Results



Manual Integration Results

RT: 2.37
Area: 6699
Amount: 0.802491
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:18:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

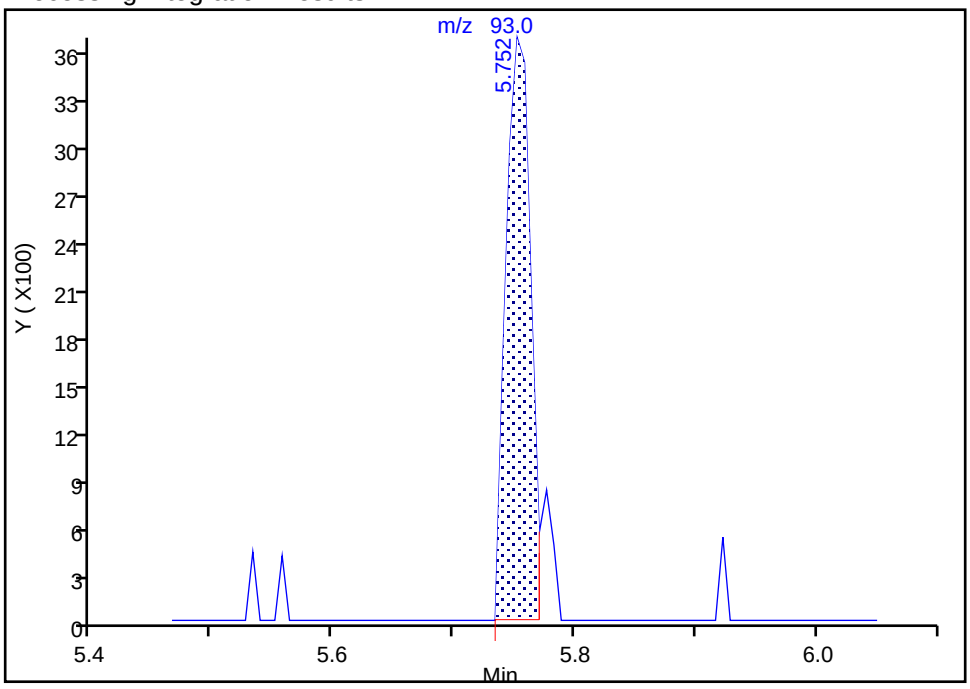
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

64 Dibromomethane, CAS: 74-95-3

Signal: 1

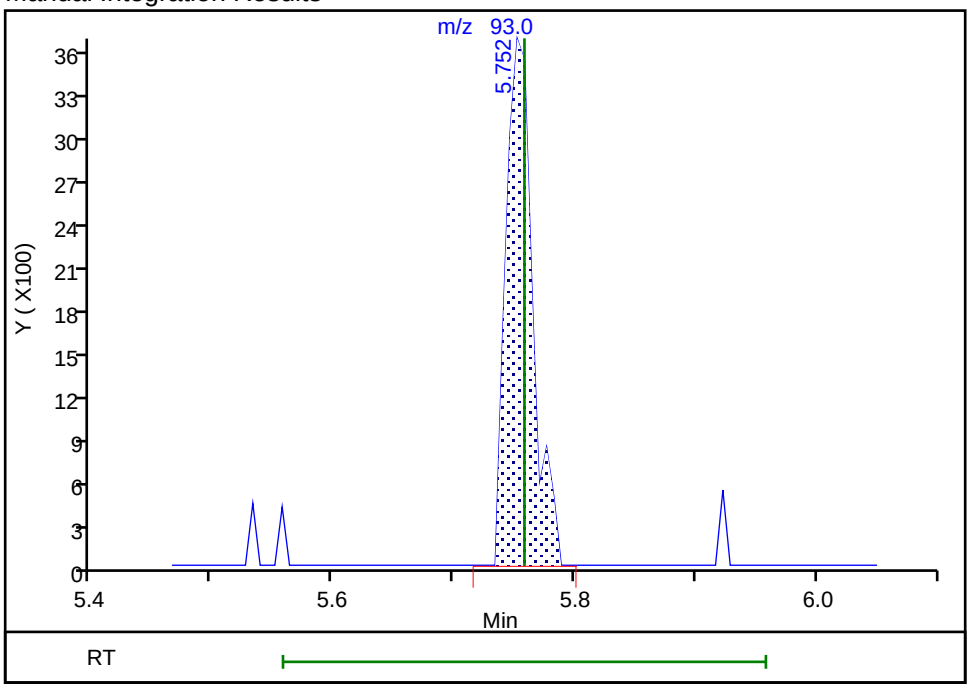
Processing Integration Results

RT: 5.75
Area: 5140
Amount: 0.716728
Amount Units: ug/L



Manual Integration Results

RT: 5.75
Area: 5607
Amount: 0.894466
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:18:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

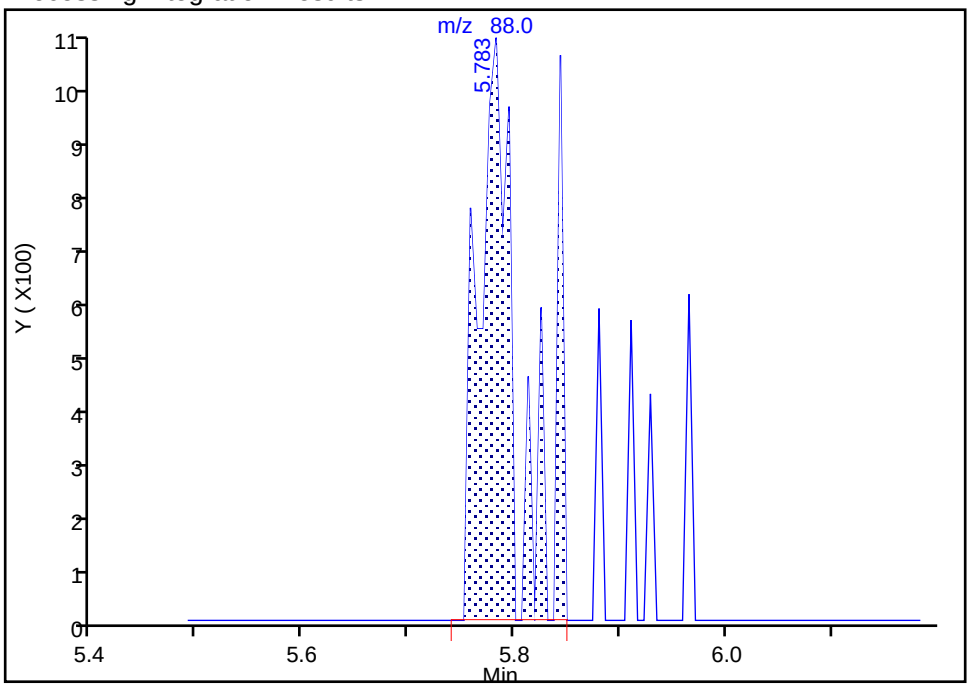
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

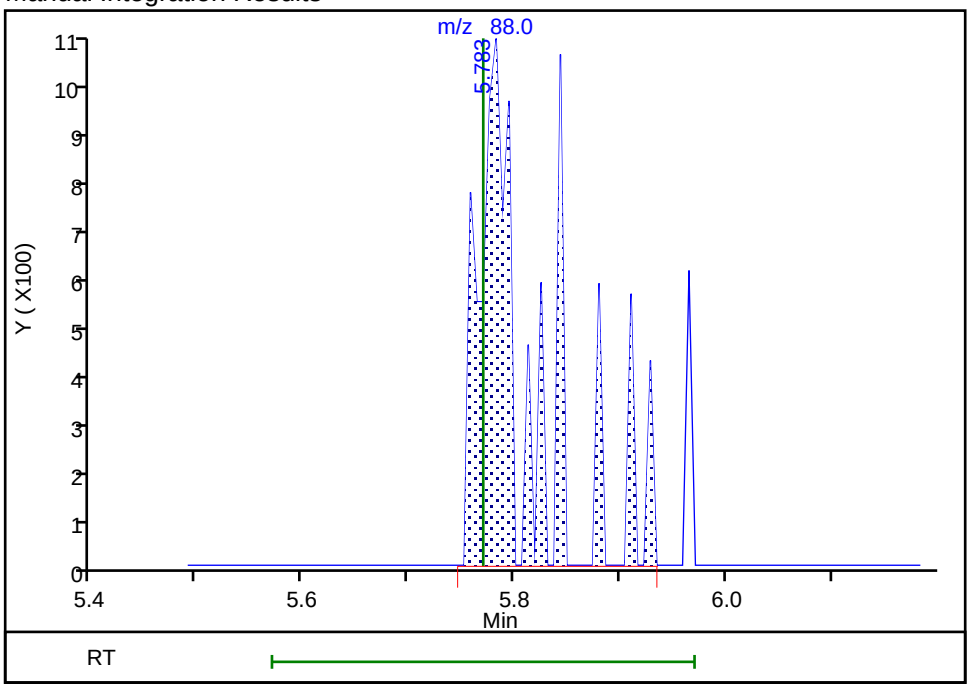
Processing Integration Results

RT: 5.78
Area: 2743
Amount: 19.587242
Amount Units: ug/L



Manual Integration Results

RT: 5.78
Area: 3302
Amount: 20.209174
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:28:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

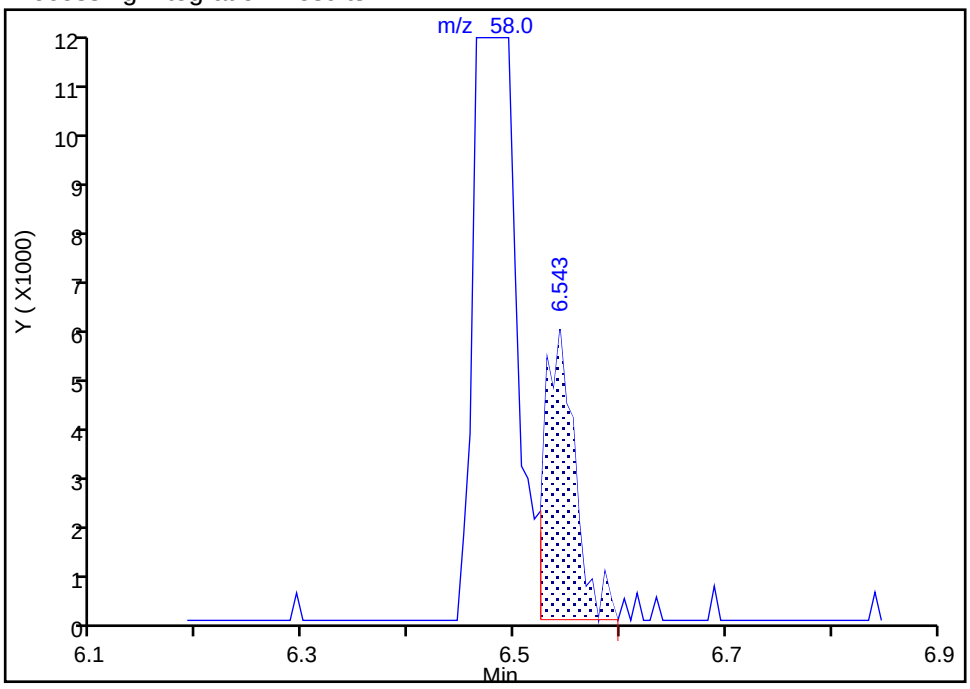
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

72 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

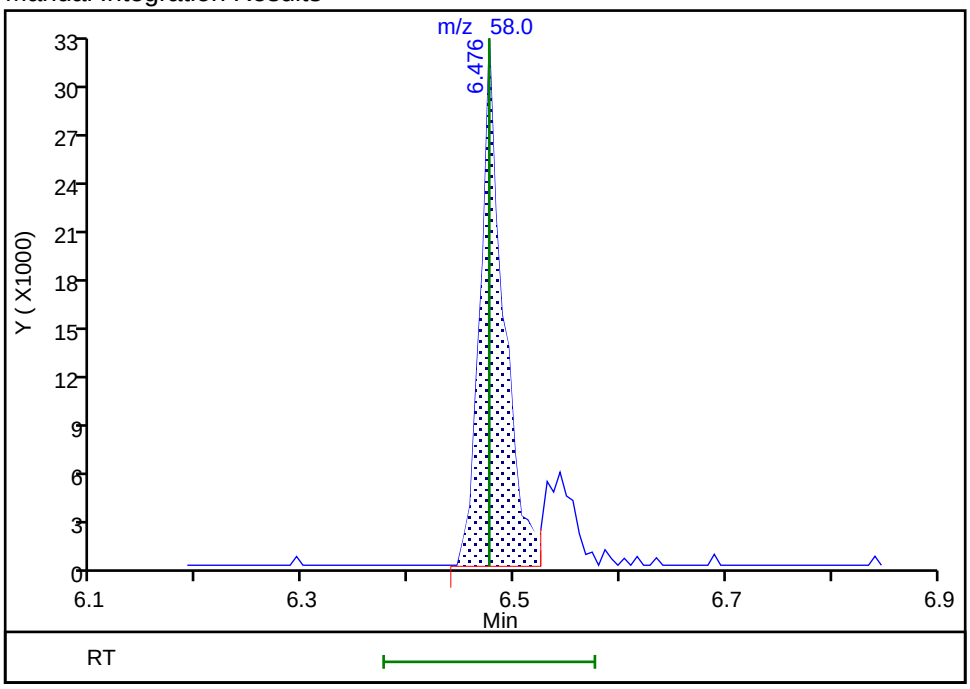
Processing Integration Results

RT: 6.54
Area: 11238
Amount: 1.289716
Amount Units: ug/L



Manual Integration Results

RT: 6.48
Area: 50041
Amount: 5.167590
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:18:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

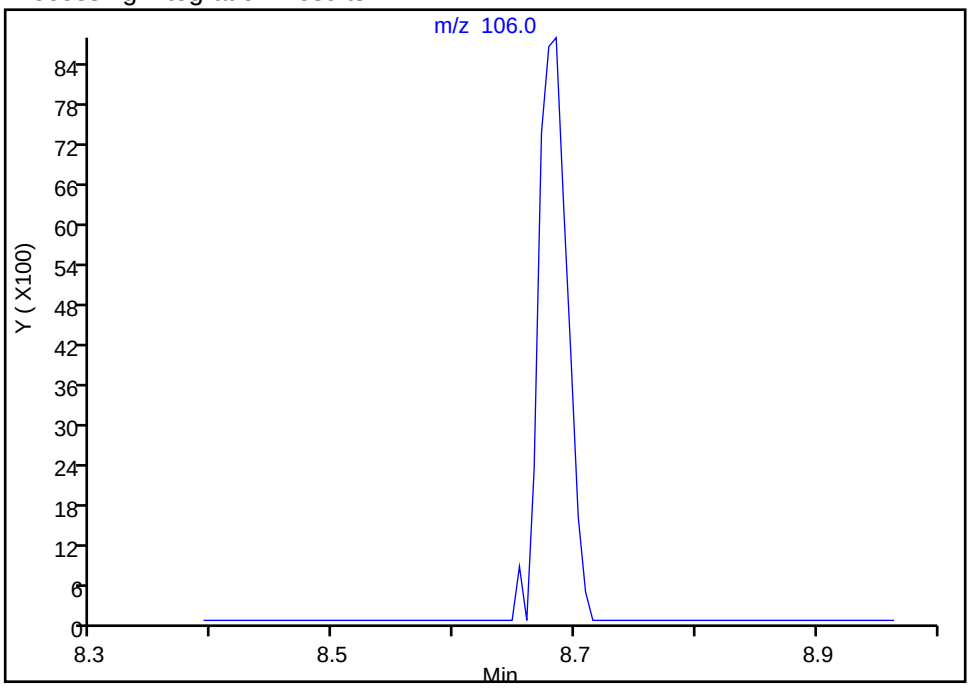
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3572.d
Injection Date: 01-Dec-2023 13:59:30 Instrument ID: HP5973N
Lims ID: IC
Client ID:
Operator ID: CR ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

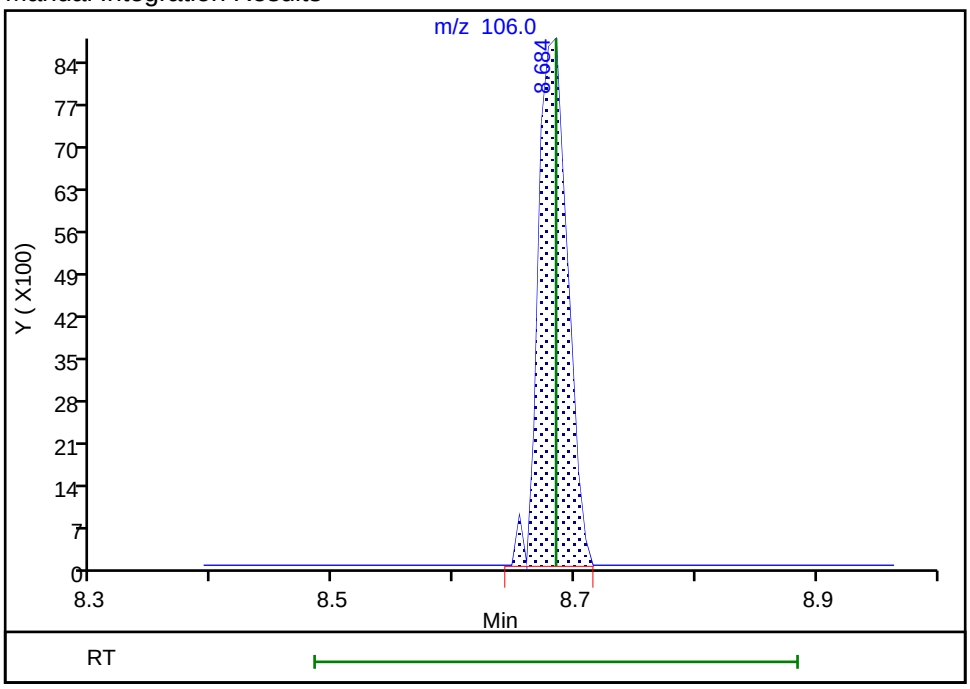
Not Detected
Expected RT: 8.68

Processing Integration Results



Manual Integration Results

RT: 8.68
Area: 14557
Amount: 0.954621
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:18:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3573.d
Lims ID: IC 2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 01-Dec-2023 14:21:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 2
Misc. Info.: 480-0115340-015
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:06 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:19:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	98	204590	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.015	0.000	93	703273	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	386470	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	274668	25.0	26.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	94	358378	25.0	25.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	797643	25.0	25.2	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	84	269377	25.0	25.0	
11 Dichlorodifluoromethane	85	1.135	1.141	-0.006	98	24127	2.00	2.05	M
13 Chloromethane	50	1.293	1.293	0.000	98	56942	2.00	2.17	
14 Vinyl chloride	62	1.372	1.372	0.000	59	28662	2.00	2.07	
144 Butadiene	54	1.384	1.384	0.000	95	51225	2.00	2.21	
15 Bromomethane	94	1.640	1.640	0.000	85	14127	2.00	2.09	
16 Chloroethane	64	1.707	1.706	0.001	91	19057	2.00	2.27	
17 Dichlorofluoromethane	67	1.907	1.907	0.000	93	41942	2.00	2.13	
18 Trichlorofluoromethane	101	1.914	1.925	-0.011	85	29923	2.00	2.12	
19 Ethyl ether	59	2.157	2.157	0.000	88	31579	2.00	2.09	
20 Acrolein	56	2.333	2.327	0.006	89	8835	10.0	7.79	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.345	2.357	-0.012	62	18481	2.00	2.28	
22 1,1-Dichloroethene	96	2.364	2.364	0.000	90	16952	2.00	1.94	
23 Acetone	43	2.473	2.473	0.000	97	104145	10.0	10.0	
24 Iodomethane	142	2.504	2.510	-0.006	99	34310	2.00	2.14	
25 Carbon disulfide	76	2.534	2.540	-0.006	97	64623	2.00	2.19	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	87	72412	2.00	2.04	
28 Methyl acetate	43	2.759	2.759	0.000	99	91762	4.00	3.87	
30 Methylene Chloride	84	2.844	2.850	-0.006	86	23283	2.00	2.06	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	91	58834	20.0	17.5	M
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	86	73590	2.00	2.13	
33 trans-1,2-Dichloroethene	96	3.075	3.069	0.006	86	20994	2.00	1.99	
34 Acrylonitrile	53	3.124	3.124	0.000	97	236087	20.0	19.4	
35 Hexane	57	3.252	3.264	-0.012	89	41551	2.00	1.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.471	3.477	-0.006	96	53881	2.00	2.26	
39 Vinyl acetate	43	3.532	3.532	0.000	96	160558	4.00	3.70	
42 2,2-Dichloropropane	77	3.976	3.982	-0.006	73	22780	2.00	2.28	
43 cis-1,2-Dichloroethene	96	4.018	4.018	0.000	90	23828	2.00	2.19	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	169375	10.0	10.2	
47 Chlorobromomethane	128	4.250	4.249	0.001	79	12096	2.00	2.21	
49 Tetrahydrofuran	42	4.274	4.262	0.012	87	42348	4.00	3.66	
50 Chloroform	83	4.329	4.329	0.001	92	38816	2.00	2.21	
51 1,1,1-Trichloroethane	97	4.438	4.432	0.006	67	27885	2.00	2.00	
52 Cyclohexane	56	4.438	4.438	0.000	93	58416	2.00	2.05	
53 Carbon tetrachloride	117	4.560	4.566	-0.006	65	22332	2.00	2.05	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	78	26039	2.00	2.02	
55 Benzene	78	4.779	4.779	0.000	47	74206	2.00	2.01	
56 Isobutyl alcohol	43	4.828	4.821	0.007	89	63989	50.0	42.2	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	95	41523	2.00	2.14	
59 n-Heptane	43	4.967	4.967	0.000	91	60917	2.00	1.95	
60 Trichloroethene	95	5.381	5.387	-0.006	88	18766	2.00	2.04	
62 Methylcyclohexane	83	5.497	5.497	0.000	88	32751	2.00	2.10	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	78	20628	2.00	1.87	
64 Dibromomethane	93	5.758	5.758	0.000	93	13502	2.00	2.22	
66 1,4-Dioxane	88	5.850	5.770	0.080	29	6606	40.0	39.5	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	91	21184	2.00	1.87	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	81	14930	2.00	1.94	
71 cis-1,3-Dichloropropene	75	6.330	6.324	0.006	82	24304	2.00	1.98	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	100150	10.0	10.1	
73 Toluene	92	6.604	6.610	-0.006	96	44942	2.00	2.04	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	85	18307	2.00	1.73	
77 Ethyl methacrylate	69	6.951	6.951	0.000	86	24032	2.00	1.92	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	93	12396	2.00	1.88	
79 Tetrachloroethene	166	7.133	7.133	0.000	86	15929	2.00	1.95	
80 1,3-Dichloropropane	76	7.243	7.236	0.007	82	26444	2.00	1.97	
82 2-Hexanone	43	7.316	7.316	0.000	96	223200	10.0	10.1	
83 Chlorodibromomethane	129	7.468	7.468	0.000	87	15349	2.00	1.86	
84 Ethylene Dibromide	107	7.565	7.565	0.000	96	16295	2.00	2.07	
85 Chlorobenzene	112	8.040	8.039	0.001	91	50458	2.00	2.10	
88 Ethylbenzene	91	8.143	8.137	0.006	96	88283	2.00	2.04	
89 1,1,1,2-Tetrachloroethane	131	8.137	8.143	-0.006	45	15875	2.00	1.88	
90 m-Xylene & p-Xylene	106	8.259	8.258	0.001	95	27735	2.00	1.84	
91 o-Xylene	106	8.685	8.684	0.001	96	34681	2.00	2.22	
92 Styrene	104	8.715	8.715	0.000	88	50279	2.00	2.02	
93 Bromoform	173	8.958	8.952	0.006	94	10208	2.00	1.89	
95 Isopropylbenzene	105	9.074	9.074	0.000	97	80672	2.00	1.98	
97 Bromobenzene	156	9.415	9.420	-0.005	90	21291	2.00	2.00	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.493	0.001	93	25616	2.00	1.93	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	103358	2.00	2.03	
99 1,2,3-Trichloropropane	110	9.518	9.524	-0.006	57	8775	2.00	2.03	
101 trans-1,4-Dichloro-2-butene	53	9.548	9.542	0.006	53	11065	2.00	2.12	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	19190	2.00	2.00	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	93	69160	2.00	1.98	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	68666	2.00	1.92	
106 tert-Butylbenzene	134	10.023	10.029	-0.006	94	13099	2.00	1.70	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	97	69830	2.00	1.91	

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	10.242	10.242	0.000	97	79575	2.00	1.83	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	94	38838	2.00	1.90	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	97	76548	2.00	1.97	
113 1,4-Dichlorobenzene	146	10.461	10.467	-0.006	90	43112	2.00	2.01	
115 n-Butylbenzene	91	10.783	10.783	0.000	97	69973	2.00	1.93	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	95	41975	2.00	2.02	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.562	0.006	68	5560	2.00	1.90	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	90	28785	2.00	2.05	
120 Hexachlorobutadiene	225	12.371	12.359	0.012	91	13231	2.00	2.31	
121 Naphthalene	128	12.456	12.456	0.000	96	82169	2.00	1.90	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	90	27729	2.00	2.08	
S 123 1,3-Dichloropropene, Total	1				0			3.71	
S 125 Total BTEX	1				0			10.2	
S 124 1,2-Dichloroethene, Total	1				0			4.18	
S 126 Xylenes, Total	1				0			4.06	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added:	2.00	Units: uL	
GAS CORP mix_00597	Amount Added:	2.00	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

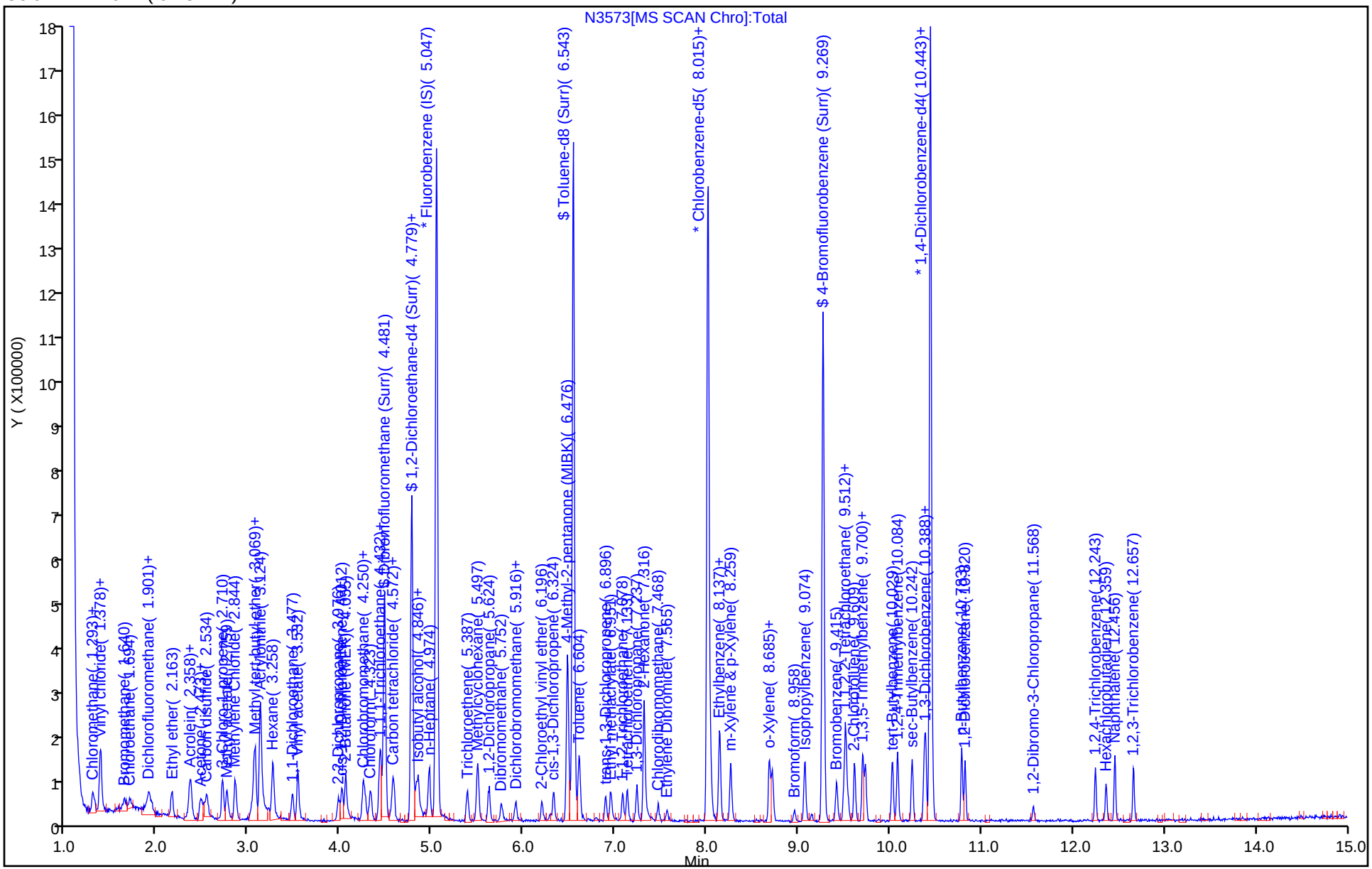
Report Date: 04-Dec-2023 11:13:07 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3573.d

Injection Date:	01-Dec-2023 14:21:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 2			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

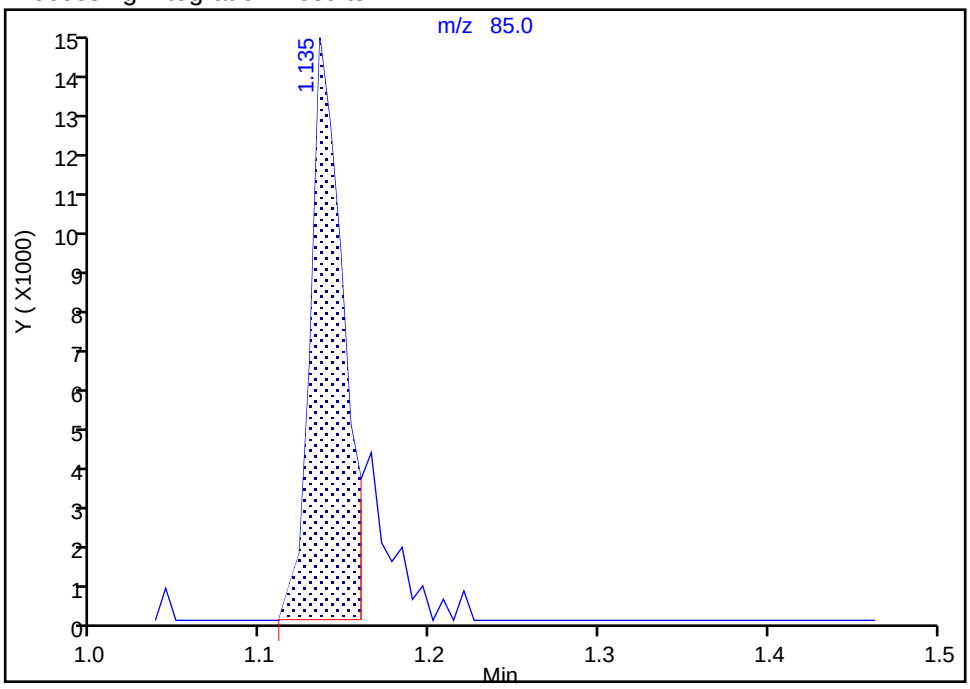
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3573.d
Injection Date: 01-Dec-2023 14:21:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: CR ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

11 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

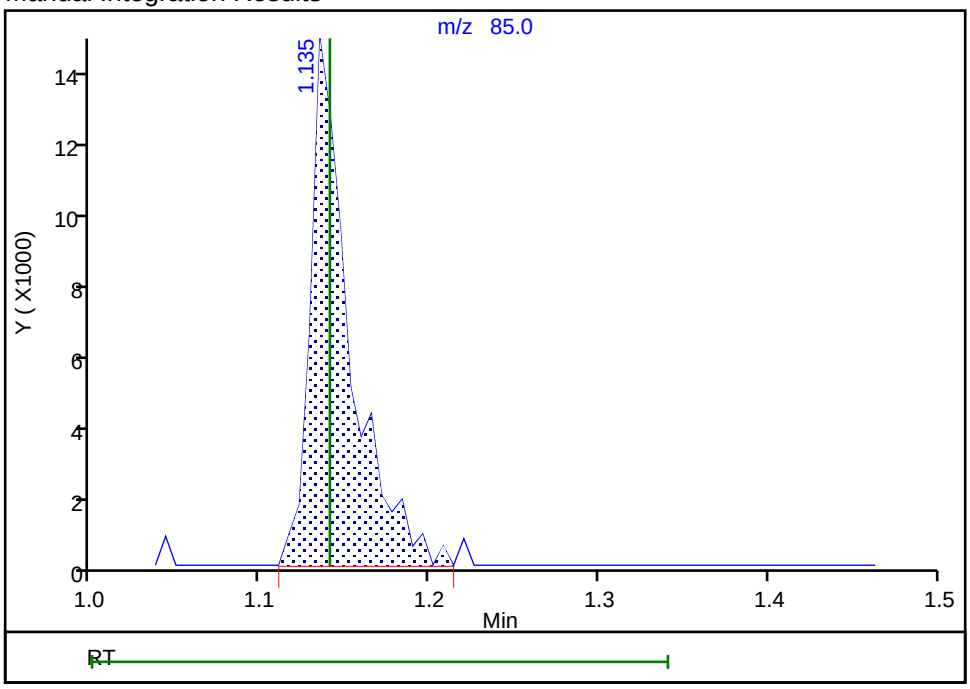
Processing Integration Results

RT: 1.13
Area: 19922
Amount: 1.731941
Amount Units: ug/L



Manual Integration Results

RT: 1.13
Area: 24127
Amount: 2.045846
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:19:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

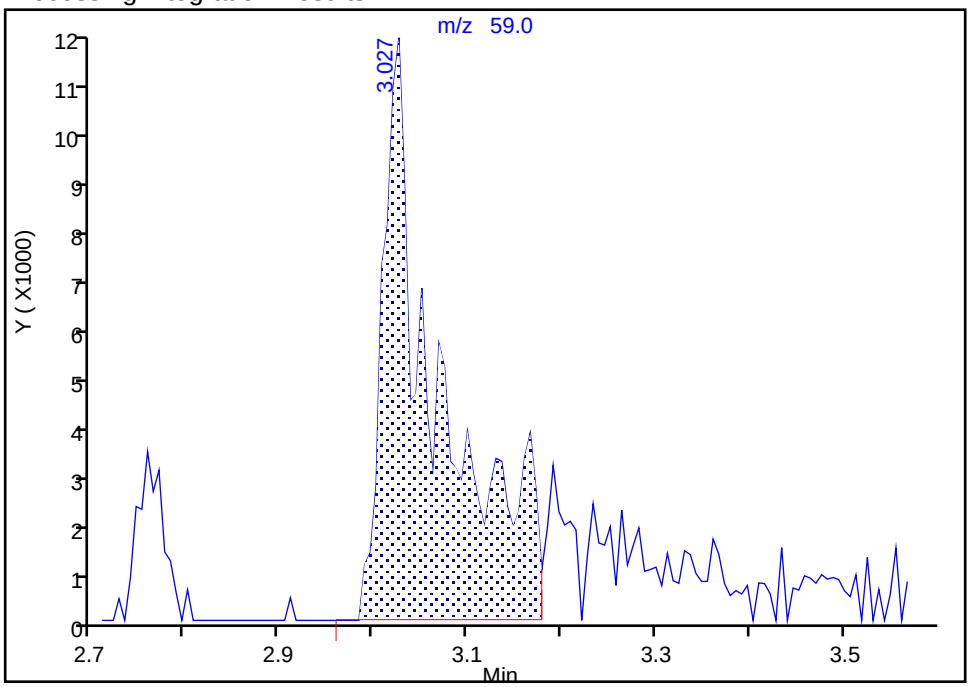
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3573.d
Injection Date: 01-Dec-2023 14:21:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: CR ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

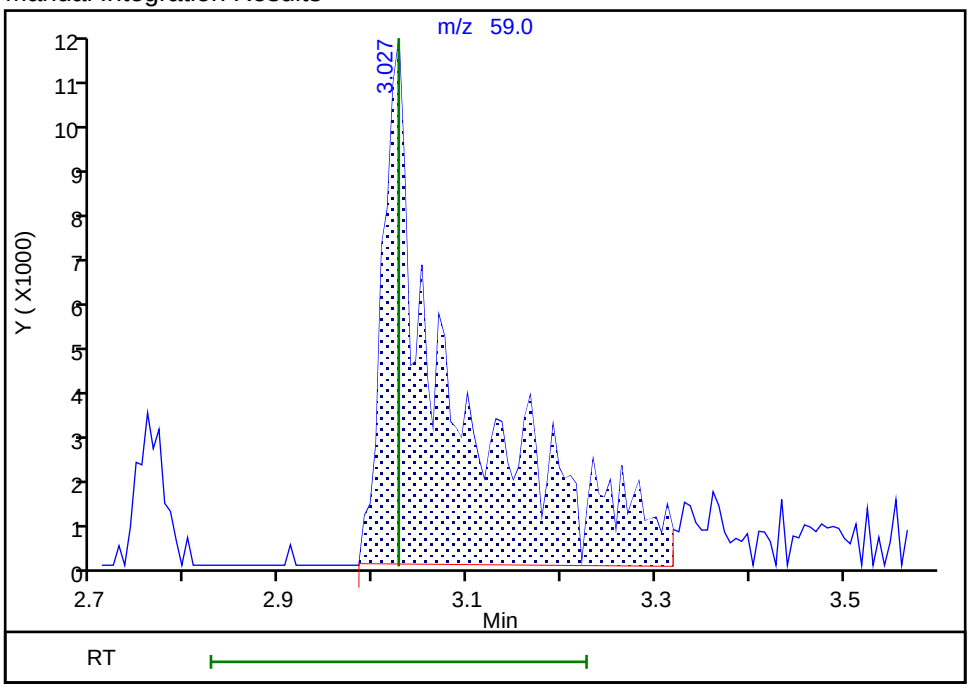
Processing Integration Results

RT: 3.03
Area: 46654
Amount: 14.231996
Amount Units: ug/L



Manual Integration Results

RT: 3.03
Area: 58834
Amount: 17.540232
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:34:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

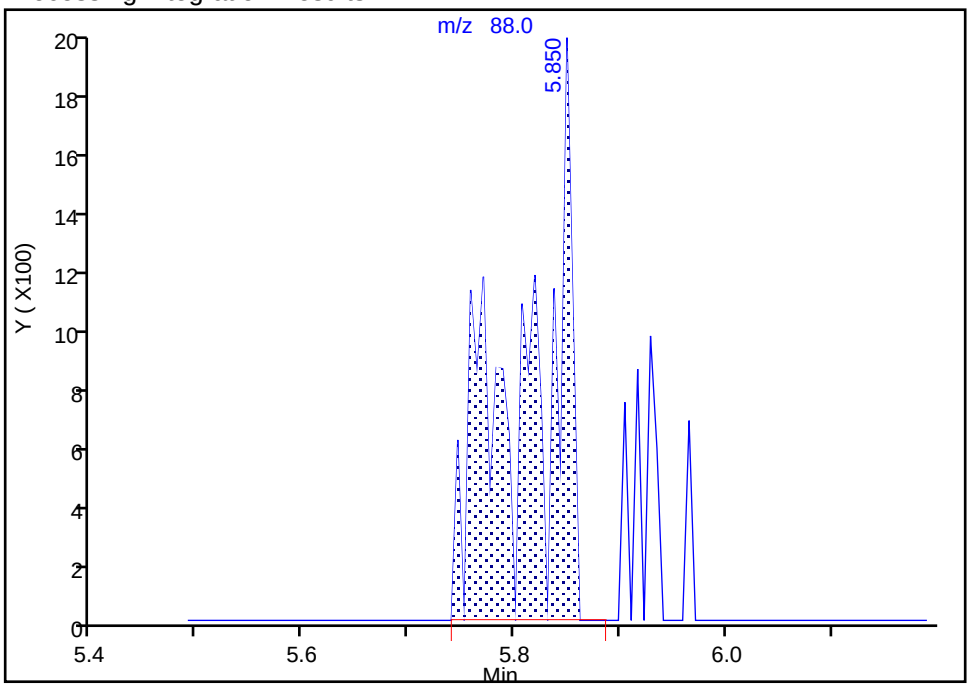
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3573.d
Injection Date: 01-Dec-2023 14:21:30 Instrument ID: HP5973N
Lims ID: IC 2
Client ID:
Operator ID: CR ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

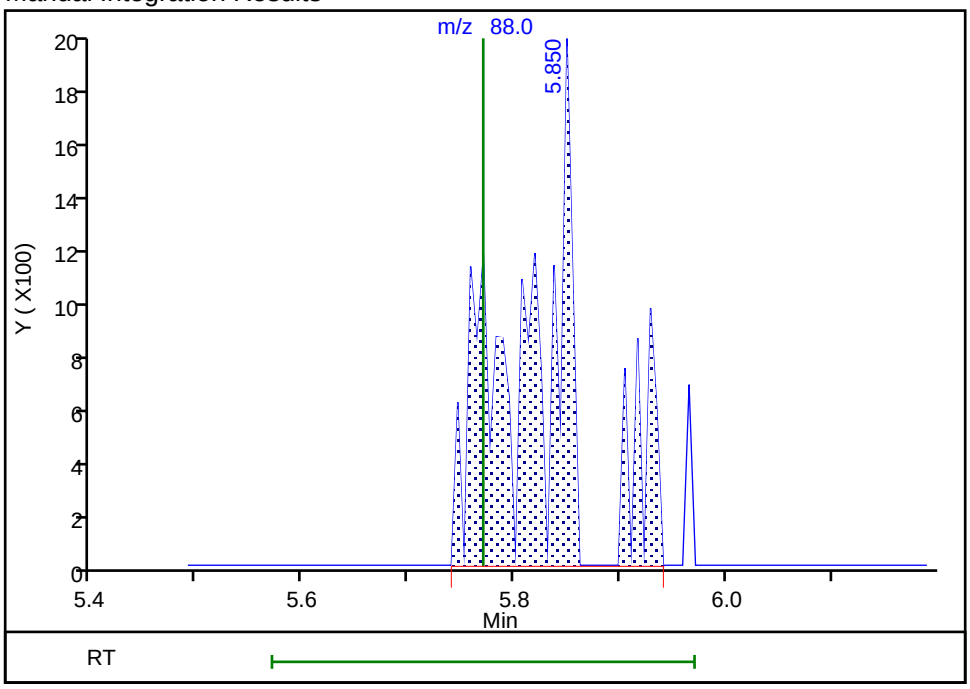
Processing Integration Results

RT: 5.85
Area: 5452
Amount: 37.585607
Amount Units: ug/L



Manual Integration Results

RT: 5.85
Area: 6606
Amount: 39.501852
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:28:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d
Lims ID: IC 3
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Dec-2023 14:44:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 3
Misc. Info.: 480-0115340-016
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:14 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:21:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	96	233795	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	92	751150	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	409428	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	92	289455	25.0	24.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	90	389143	25.0	24.2	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	832434	25.0	24.7	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.000	92	290197	25.0	25.2	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	97	67923	5.00	5.04	M
13 Chloromethane	50	1.299	1.299	0.000	99	144598	5.00	4.81	
14 Vinyl chloride	62	1.378	1.378	0.000	55	77967	5.00	4.93	
144 Butadiene	54	1.378	1.378	0.000	97	132194	5.00	4.98	
15 Bromomethane	94	1.640	1.640	0.000	87	34808	5.00	4.51	
16 Chloroethane	64	1.707	1.707	0.000	93	45226	5.00	4.71	
17 Dichlorofluoromethane	67	1.907	1.907	0.000	97	104825	5.00	4.67	
18 Trichlorofluoromethane	101	1.877	1.877	0.000	91	78856	5.00	4.88	
19 Ethyl ether	59	2.157	2.157	0.000	90	83592	5.00	4.84	
20 Acrolein	56	2.327	2.327	0.000	98	29733	25.0	25.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.364	2.364	0.000	57	46019	5.00	4.97	
22 1,1-Dichloroethene	96	2.358	2.358	0.000	89	49865	5.00	4.99	
23 Acetone	43	2.473	2.473	0.000	98	294120	25.0	24.8	
24 Iodomethane	142	2.504	2.504	0.000	97	85018	5.00	4.64	
25 Carbon disulfide	76	2.534	2.534	0.000	96	157295	5.00	4.66	
27 3-Chloro-1-propene	41	2.711	2.711	0.000	85	190925	5.00	4.70	
28 Methyl acetate	43	2.759	2.759	0.000	99	298080	10.0	11.0	
30 Methylene Chloride	84	2.857	2.857	0.000	85	58420	5.00	4.94	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	97	181737	50.0	47.4	M
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	88	187024	5.00	4.75	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	91	54835	5.00	4.56	
34 Acrylonitrile	53	3.124	3.124	0.000	98	692639	50.0	49.8	
35 Hexane	57	3.258	3.258	0.000	92	127339	5.00	5.02	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.471	3.471	0.000	97	129616	5.00	4.76	
39 Vinyl acetate	43	3.532	3.532	0.000	97	444381	10.0	8.97	
42 2,2-Dichloropropane	77	3.982	3.982	0.000	73	49804	5.00	4.37	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	86	59589	5.00	4.79	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	465326	25.0	24.5	
47 Chlorobromomethane	128	4.244	4.244	0.000	82	28275	5.00	4.53	
49 Tetrahydrofuran	42	4.262	4.262	0.000	93	132472	10.0	10.0	
50 Chloroform	83	4.329	4.329	0.000	93	99595	5.00	4.97	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	72	77877	5.00	4.90	
52 Cyclohexane	56	4.438	4.438	0.000	94	160561	5.00	4.92	
53 Carbon tetrachloride	117	4.560	4.560	0.000	93	62398	5.00	5.02	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	78	72284	5.00	4.91	
55 Benzene	78	4.779	4.779	0.000	63	204782	5.00	4.86	
56 Isobutyl alcohol	43	4.828	4.828	0.000	93	230383	125.0	133.1	
57 1,2-Dichloroethane	62	4.852	4.852	0.000	93	99291	5.00	4.48	
59 n-Heptane	43	4.968	4.968	0.000	94	151694	5.00	4.24	
60 Trichloroethene	95	5.381	5.381	0.000	90	46768	5.00	4.46	
62 Methylcyclohexane	83	5.497	5.497	0.000	91	92684	5.00	5.20	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	83	59702	5.00	4.74	
64 Dibromomethane	93	5.746	5.746	0.000	95	32980	5.00	4.74	
66 1,4-Dioxane	88	5.764	5.764	0.000	28	20025	100.0	112.1	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	92	59801	5.00	4.61	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	80	39869	5.00	4.54	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	78	66683	5.00	4.76	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	97	254255	25.0	24.0	
73 Toluene	92	6.610	6.610	0.000	96	120340	5.00	5.11	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	88	57010	5.00	5.05	
77 Ethyl methacrylate	69	6.957	6.957	0.000	84	62222	5.00	4.66	
78 1,1,2-Trichloroethane	83	7.079	7.079	0.000	92	33269	5.00	4.73	
79 Tetrachloroethene	166	7.133	7.133	0.000	91	47992	5.00	5.50	
80 1,3-Dichloropropane	76	7.237	7.237	0.000	82	64889	5.00	4.54	
82 2-Hexanone	43	7.316	7.316	0.000	96	574262	25.0	24.2	
83 Chlorodibromomethane	129	7.468	7.468	0.000	88	39726	5.00	4.51	
84 Ethylene Dibromide	107	7.565	7.565	0.000	98	42743	5.00	5.07	
85 Chlorobenzene	112	8.046	8.046	0.000	94	127322	5.00	4.96	
88 Ethylbenzene	91	8.137	8.137	0.000	98	227271	5.00	4.93	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	86	43105	5.00	4.79	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	95	78210	5.00	4.86	
91 o-Xylene	106	8.685	8.685	0.000	97	82182	5.00	4.93	
92 Styrene	104	8.709	8.709	0.000	90	127513	5.00	4.81	
93 Bromoform	173	8.952	8.952	0.000	93	25969	5.00	4.51	
95 Isopropylbenzene	105	9.068	9.068	0.000	96	214677	5.00	4.97	
97 Bromobenzene	156	9.415	9.415	0.000	90	55191	5.00	4.89	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.494	0.000	94	68826	5.00	4.90	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	267424	5.00	4.95	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	58	21962	5.00	4.80	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	51	30827	5.00	4.44	
102 2-Chlorotoluene	126	9.615	9.615	0.000	95	52361	5.00	5.15	
104 1,3,5-Trimethylbenzene	105	9.707	9.707	0.000	93	178971	5.00	4.83	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	184365	5.00	4.86	
106 tert-Butylbenzene	134	10.029	10.029	0.000	95	38767	5.00	4.75	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	97	191088	5.00	4.93	

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	10.242	10.242	0.000	96	228848	5.00	4.96	
110 1,3-Dichlorobenzene	146	10.370	10.370	0.000	95	101052	5.00	4.66	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	97	207107	5.00	5.03	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	95	104301	5.00	4.59	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	184574	5.00	4.80	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	96	107913	5.00	4.89	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.562	0.000	68	12475	5.00	4.03	M
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	70924	5.00	4.77	
120 Hexachlorobutadiene	225	12.365	12.365	0.000	92	29741	5.00	4.91	
121 Naphthalene	128	12.456	12.456	0.000	96	210522	5.00	4.58	
122 1,2,3-Trichlorobenzene	180	12.657	12.657	0.000	92	61818	5.00	4.37	
S 123 1,3-Dichloropropene, Total	1				0			9.81	
S 125 Total BTEX	1				0			24.7	
S 124 1,2-Dichloroethene, Total	1				0			9.35	
S 126 Xylenes, Total	1				0			9.79	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added: 5.00	Units: uL		
GAS CORP mix_00597	Amount Added: 5.00	Units: uL		
N_8260_Surr_00463	Amount Added: 1.00	Units: uL	Run Reagent	
N 8260 IS_00256	Amount Added: 1.00	Units: uL	Run Reagent	

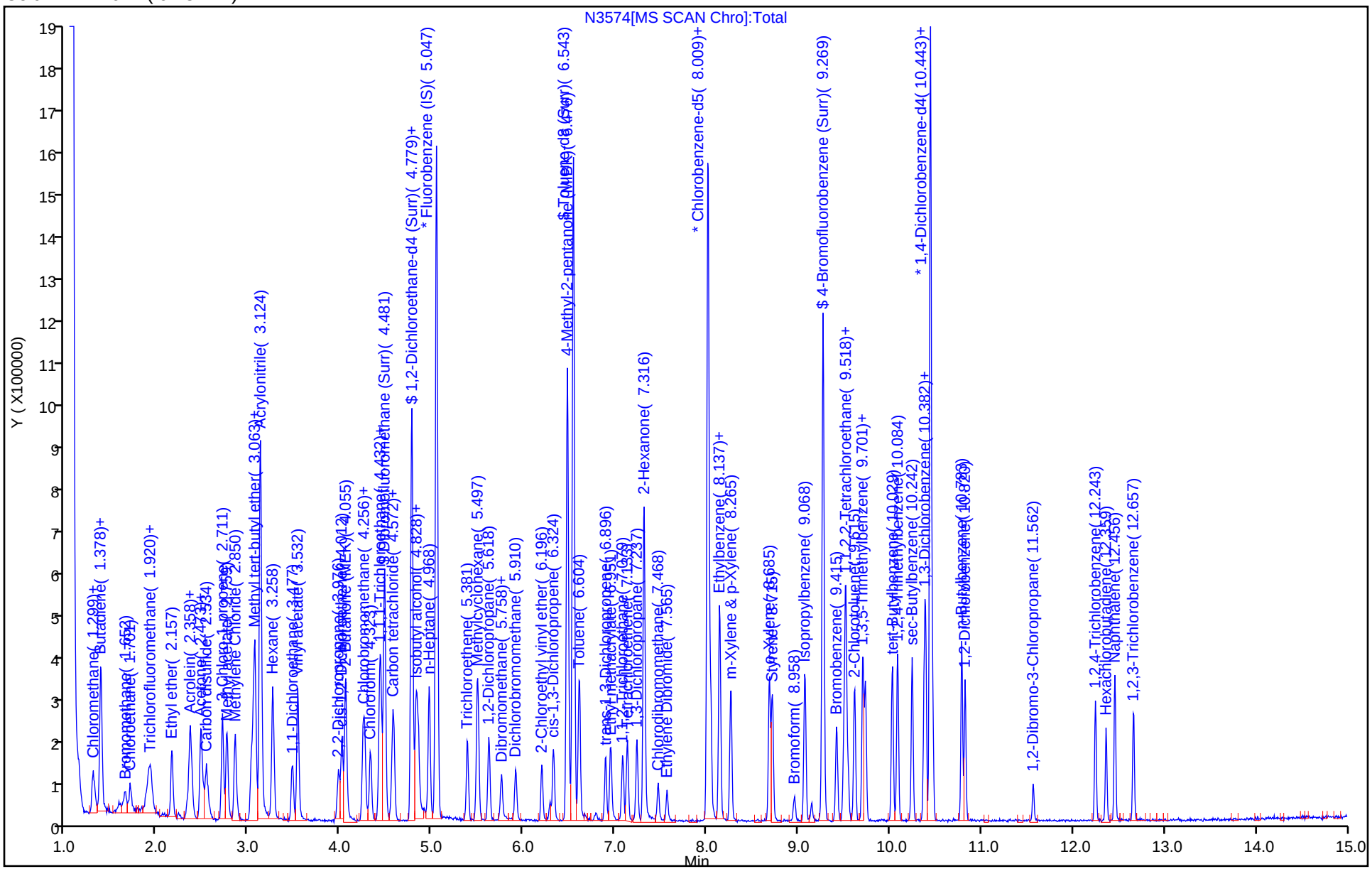
Report Date: 04-Dec-2023 11:13:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d

Injection Date:	01-Dec-2023 14:44:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 3			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

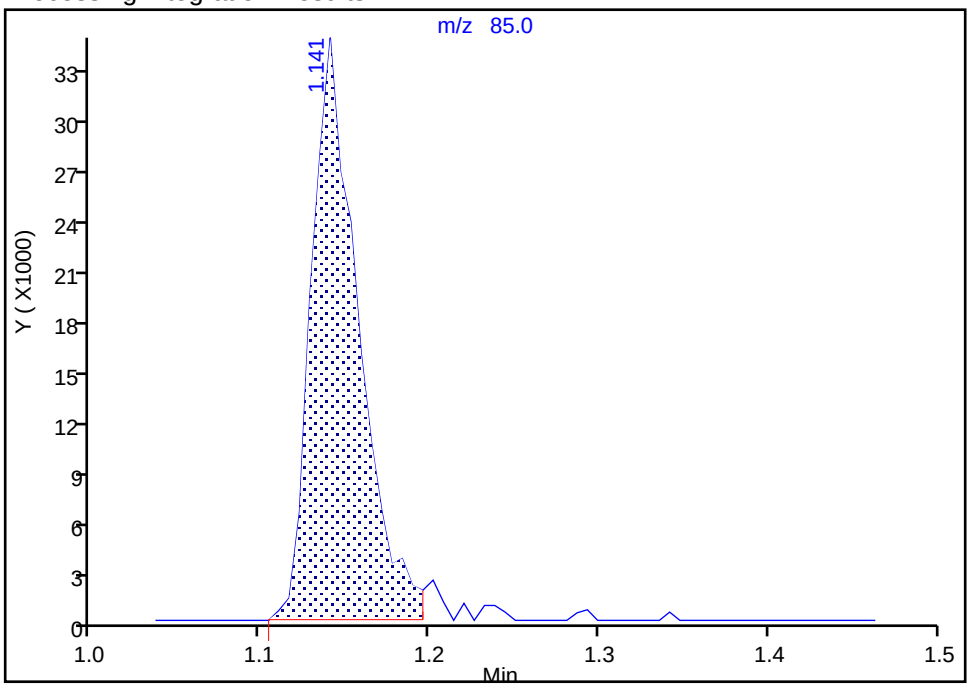
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d
Injection Date: 01-Dec-2023 14:44:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: CR ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

11 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

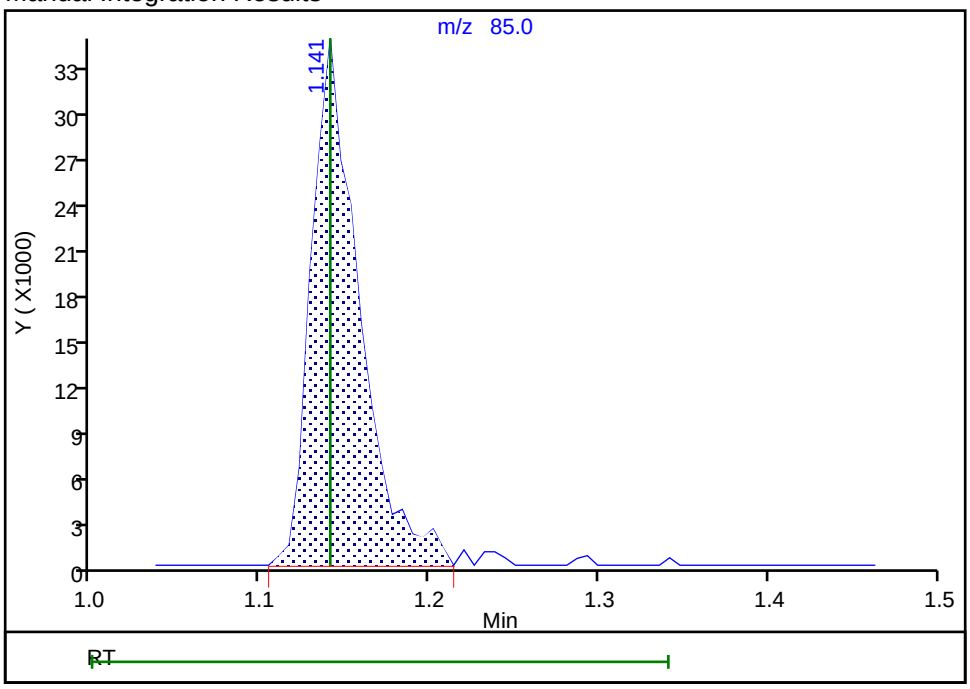
Processing Integration Results

RT: 1.14
Area: 66659
Amount: 4.957893
Amount Units: ug/L



Manual Integration Results

RT: 1.14
Area: 67923
Amount: 5.040060
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:20:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo

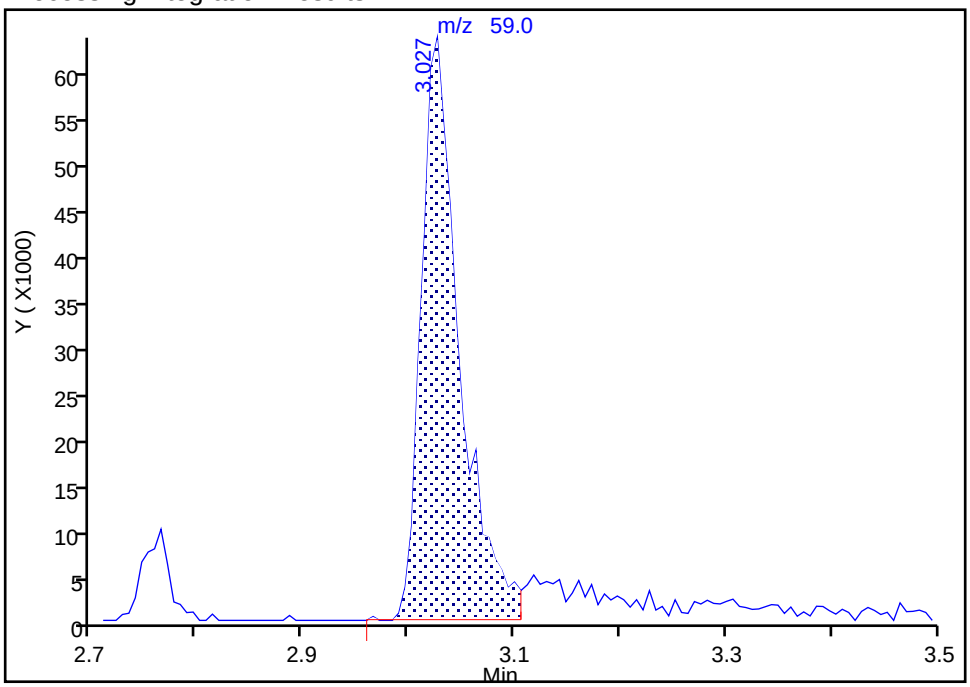
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d
Injection Date: 01-Dec-2023 14:44:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: CR ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

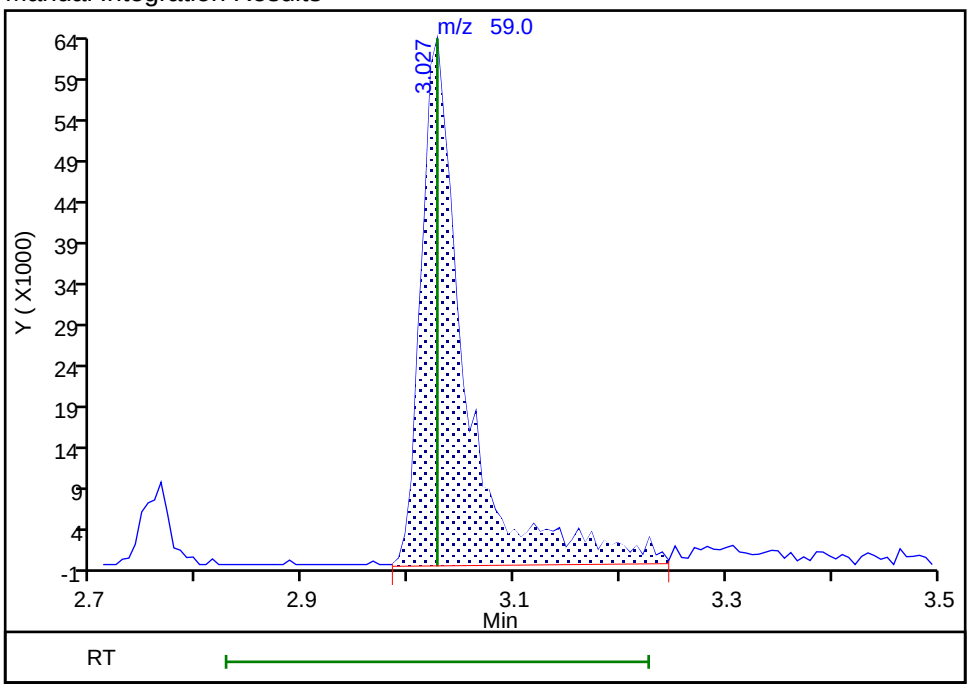
Processing Integration Results

RT: 3.03
Area: 159721
Amount: 41.236442
Amount Units: ug/L



Manual Integration Results

RT: 3.03
Area: 181737
Amount: 47.413226
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:20:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

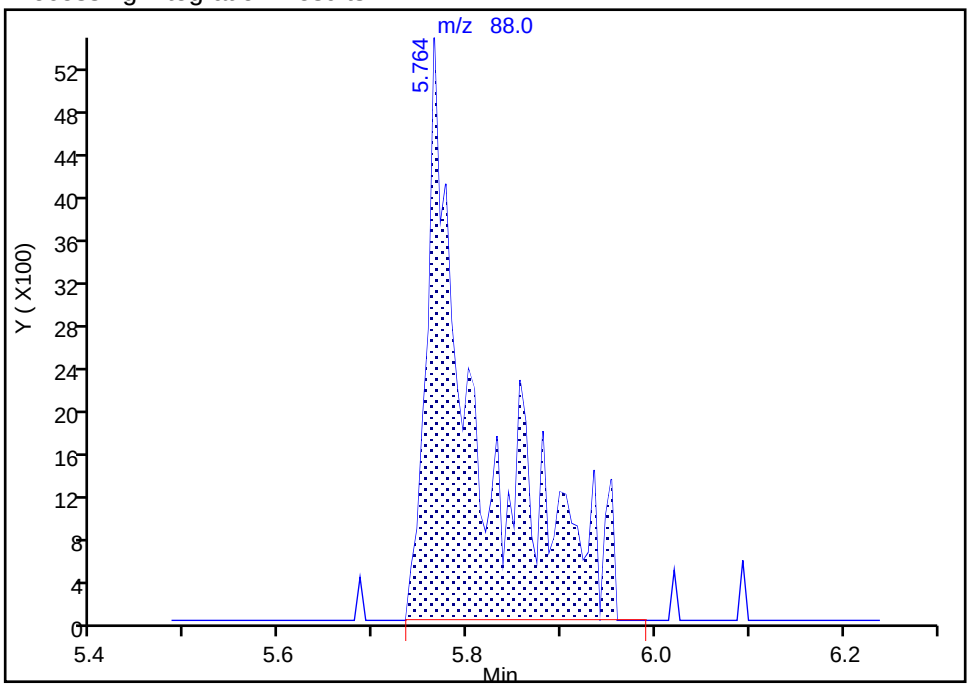
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d
Injection Date: 01-Dec-2023 14:44:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: CR ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

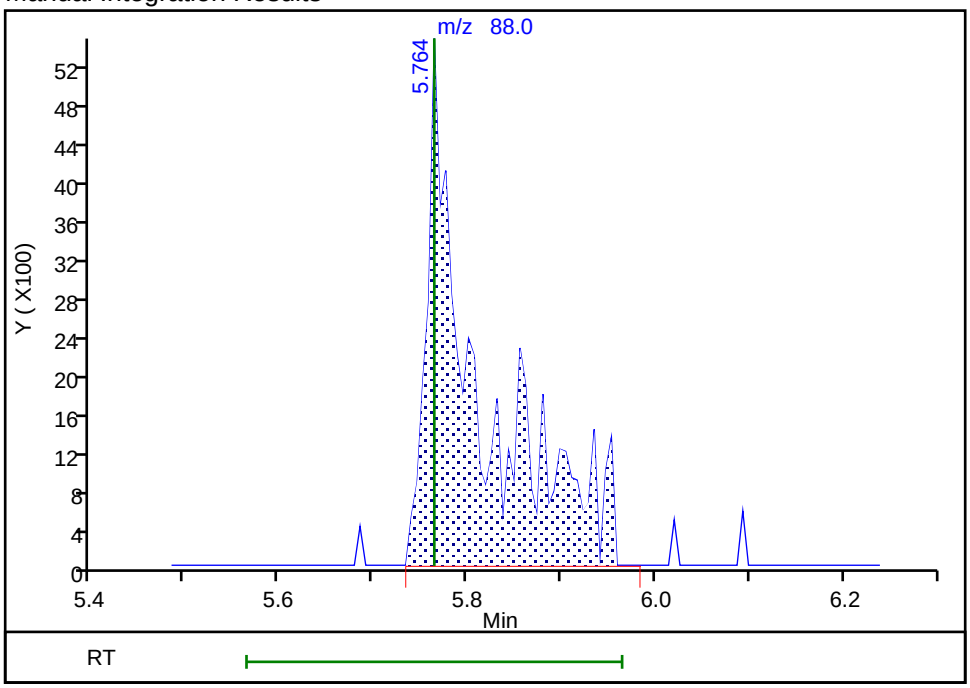
Processing Integration Results

RT: 5.76
Area: 20024
Amount: 126.9190
Amount Units: ug/L



Manual Integration Results

RT: 5.76
Area: 20025
Amount: 112.1111
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:28:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

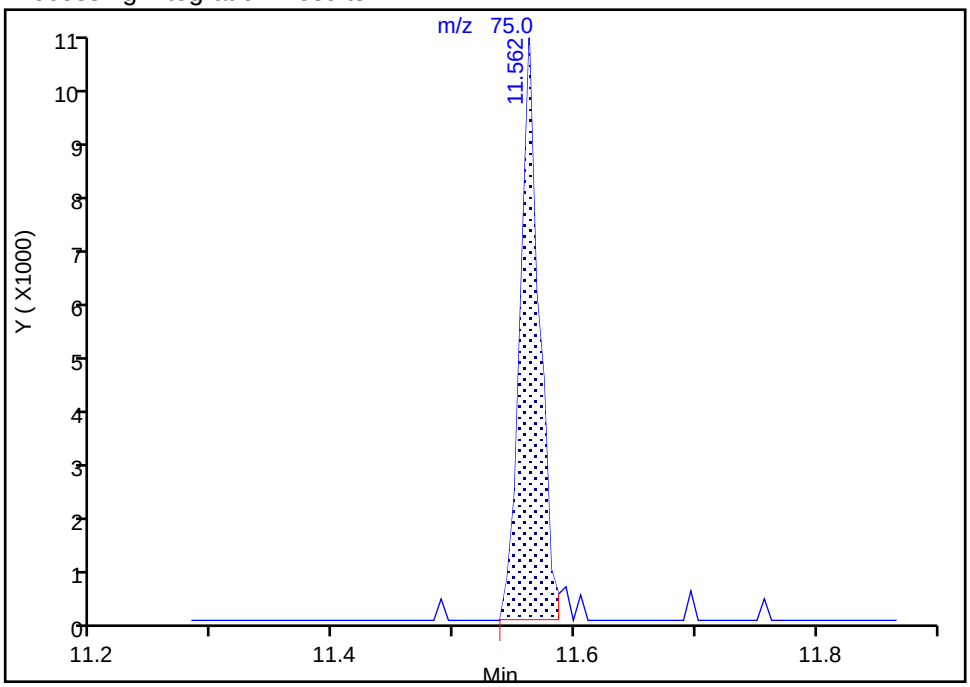
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3574.d
Injection Date: 01-Dec-2023 14:44:30 Instrument ID: HP5973N
Lims ID: IC 3
Client ID:
Operator ID: CR ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

117 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

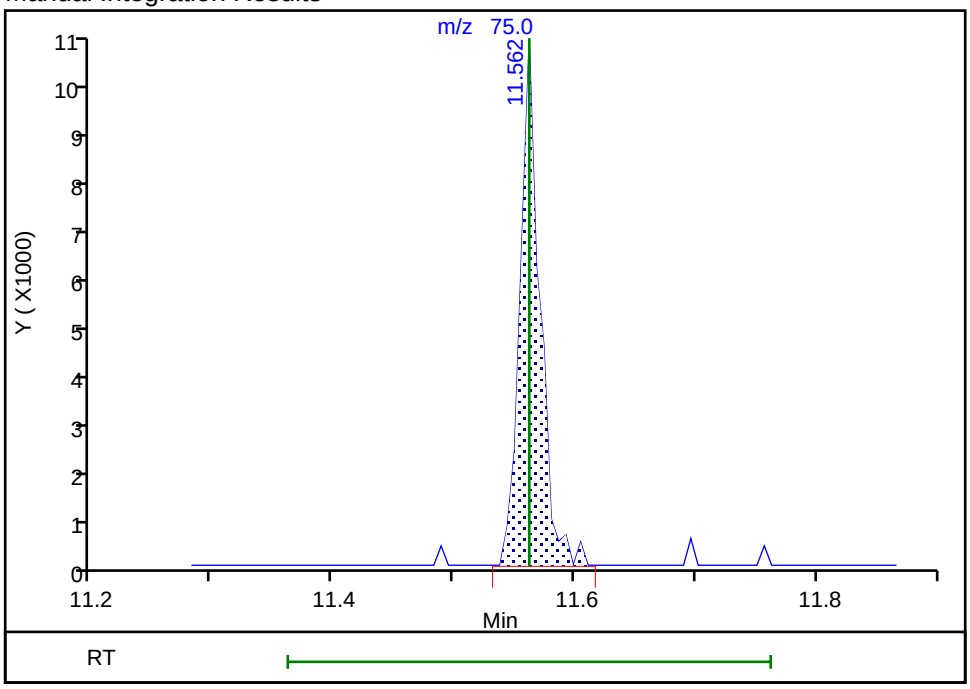
Processing Integration Results

RT: 11.56
Area: 12070
Amount: 3.914160
Amount Units: ug/L



Manual Integration Results

RT: 11.56
Area: 12475
Amount: 4.032257
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:21:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3575.d
Lims ID: IC 4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Dec-2023 15:06:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 4
Misc. Info.: 480-0115340-017
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:22 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:22:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	97	214600	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	92	739025	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	96	388134	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.475	4.481	-0.006	92	281959	25.0	25.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.779	-0.006	85	367916	25.0	24.9	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	834454	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	-0.001	85	283947	25.0	25.1	
11 Dichlorodifluoromethane	85	1.135	1.141	-0.006	96	133292	10.0	10.8	
13 Chloromethane	50	1.299	1.299	0.000	99	274346	10.0	9.94	
14 Vinyl chloride	62	1.372	1.378	-0.006	95	151709	10.0	10.5	
144 Butadiene	54	1.384	1.378	0.006	98	242327	10.0	9.95	
15 Bromomethane	94	1.646	1.640	0.006	91	71632	10.0	10.1	
16 Chloroethane	64	1.700	1.707	-0.007	95	88505	10.0	10.0	
18 Trichlorofluoromethane	101	1.919	1.877	0.042	76	152169	10.0	10.3	
17 Dichlorofluoromethane	67	1.913	1.907	0.006	95	204888	10.0	9.94	
19 Ethyl ether	59	2.157	2.157	0.000	85	151727	10.0	9.58	
20 Acrolein	56	2.327	2.327	0.000	98	53981	50.0	51.0	
22 1,1-Dichloroethene	96	2.357	2.358	-0.001	90	95350	10.0	10.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.357	2.364	-0.007	58	91241	10.0	10.7	
23 Acetone	43	2.473	2.473	0.000	96	501215	50.0	46.1	M
24 Iodomethane	142	2.510	2.504	0.006	100	170291	10.0	10.1	
25 Carbon disulfide	76	2.540	2.534	0.006	98	324028	10.0	10.5	
27 3-Chloro-1-propene	41	2.710	2.711	-0.001	86	377481	10.0	10.1	
28 Methyl acetate	43	2.759	2.759	0.000	99	478802	20.0	19.2	
30 Methylene Chloride	84	2.850	2.857	-0.007	85	109202	10.0	10.4	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	94	294735	100.0	83.8	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	90	366106	10.0	10.1	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	89	114519	10.0	10.4	
34 Acrylonitrile	53	3.124	3.124	0.000	97	1200023	100.0	94.0	
35 Hexane	57	3.258	3.258	0.000	94	260274	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.471	3.471	0.000	96	256344	10.0	10.3	
39 Vinyl acetate	43	3.532	3.532	0.000	96	904982	20.0	19.9	
42 2,2-Dichloropropane	77	3.976	3.982	-0.006	71	105293	10.0	10.1	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	86	121041	10.0	10.6	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	833489	50.0	47.8	
47 Chlorobromomethane	128	4.249	4.244	0.005	82	60088	10.0	10.5	
49 Tetrahydrofuran	42	4.262	4.262	0.000	91	237647	20.0	19.6	
50 Chloroform	83	4.329	4.329	0.000	92	190584	10.0	10.4	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	69	149044	10.0	10.2	
52 Cyclohexane	56	4.432	4.438	-0.006	94	320195	10.0	10.7	
53 Carbon tetrachloride	117	4.560	4.560	0.000	95	116342	10.0	10.2	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	77	139099	10.0	10.3	
55 Benzene	78	4.779	4.779	0.000	78	388591	10.0	10.1	
56 Isobutyl alcohol	43	4.821	4.828	-0.007	90	346870	250.0	218.3	
57 1,2-Dichloroethane	62	4.846	4.852	-0.006	91	198906	10.0	9.77	
59 n-Heptane	43	4.967	4.968	-0.001	95	323119	10.0	9.84	
60 Trichloroethene	95	5.387	5.381	0.006	88	97939	10.0	10.2	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	178696	10.0	10.9	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	119979	10.0	10.4	
64 Dibromomethane	93	5.758	5.746	0.012	95	68062	10.0	10.7	
66 1,4-Dioxane	88	5.764	5.764	0.000	28	37757	200.0	214.9	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	93	122834	10.0	10.3	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	79	85241	10.0	10.6	
71 cis-1,3-Dichloropropene	75	6.330	6.324	0.006	80	136120	10.0	10.6	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	534880	50.0	51.4	
73 Toluene	92	6.610	6.610	0.000	95	234185	10.0	10.1	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	87	114147	10.0	10.3	
77 Ethyl methacrylate	69	6.951	6.957	-0.006	83	127085	10.0	9.67	
78 1,1,2-Trichloroethane	83	7.078	7.079	-0.001	93	68716	10.0	9.93	
79 Tetrachloroethene	166	7.133	7.133	0.000	81	88313	10.0	10.3	
80 1,3-Dichloropropane	76	7.230	7.237	-0.007	84	138565	10.0	9.84	
82 2-Hexanone	43	7.310	7.316	-0.006	96	1157031	50.0	49.6	
83 Chlorodibromomethane	129	7.474	7.468	0.006	88	83797	10.0	9.67	
84 Ethylene Dibromide	107	7.565	7.565	0.000	98	82370	10.0	9.93	
85 Chlorobenzene	112	8.046	8.046	0.000	91	254881	10.0	10.1	
88 Ethylbenzene	91	8.137	8.137	0.000	98	458497	10.0	10.1	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	88	82428	10.0	9.30	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	96	165661	10.0	10.5	
91 o-Xylene	106	8.684	8.685	-0.001	98	161645	10.0	9.86	
92 Styrene	104	8.715	8.709	0.006	91	255996	10.0	9.81	
93 Bromoform	173	8.958	8.952	0.006	96	55711	10.0	9.83	
95 Isopropylbenzene	105	9.068	9.068	0.000	96	445172	10.0	10.9	
97 Bromobenzene	156	9.421	9.415	0.006	91	107280	10.0	10.0	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.494	0.000	95	130938	10.0	9.84	
100 N-Propylbenzene	91	9.512	9.512	0.000	100	550935	10.0	10.8	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	91	45960	10.0	10.6	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	68	69181	10.0	9.57	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	101812	10.0	10.6	
104 1,3,5-Trimethylbenzene	105	9.706	9.707	-0.001	95	375154	10.0	10.7	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	357622	10.0	9.94	
106 tert-Butylbenzene	134	10.023	10.029	-0.006	97	78211	10.0	10.1	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	97	382115	10.0	10.4	

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	10.242	10.242	0.000	96	470641	10.0	10.8	
110 1,3-Dichlorobenzene	146	10.376	10.370	0.006	95	211355	10.0	10.3	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	98	420486	10.0	10.8	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	216952	10.0	10.1	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	380294	10.0	10.4	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	94	206534	10.0	9.88	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.562	0.000	71	30791	10.0	10.5	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	134773	10.0	9.56	
120 Hexachlorobutadiene	225	12.359	12.365	-0.006	93	62016	10.0	10.8	
121 Naphthalene	128	12.456	12.456	0.000	97	450243	10.0	10.3	
122 1,2,3-Trichlorobenzene	180	12.657	12.657	0.000	94	132487	10.0	9.89	
S 123 1,3-Dichloropropene, Total	1				0			20.9	
S 125 Total BTEX	1				0			50.6	
S 124 1,2-Dichloroethene, Total	1				0			21.0	
S 126 Xylenes, Total	1				0			20.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added:	5.00	Units: uL	
GAS CORP mix_00597	Amount Added:	5.00	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

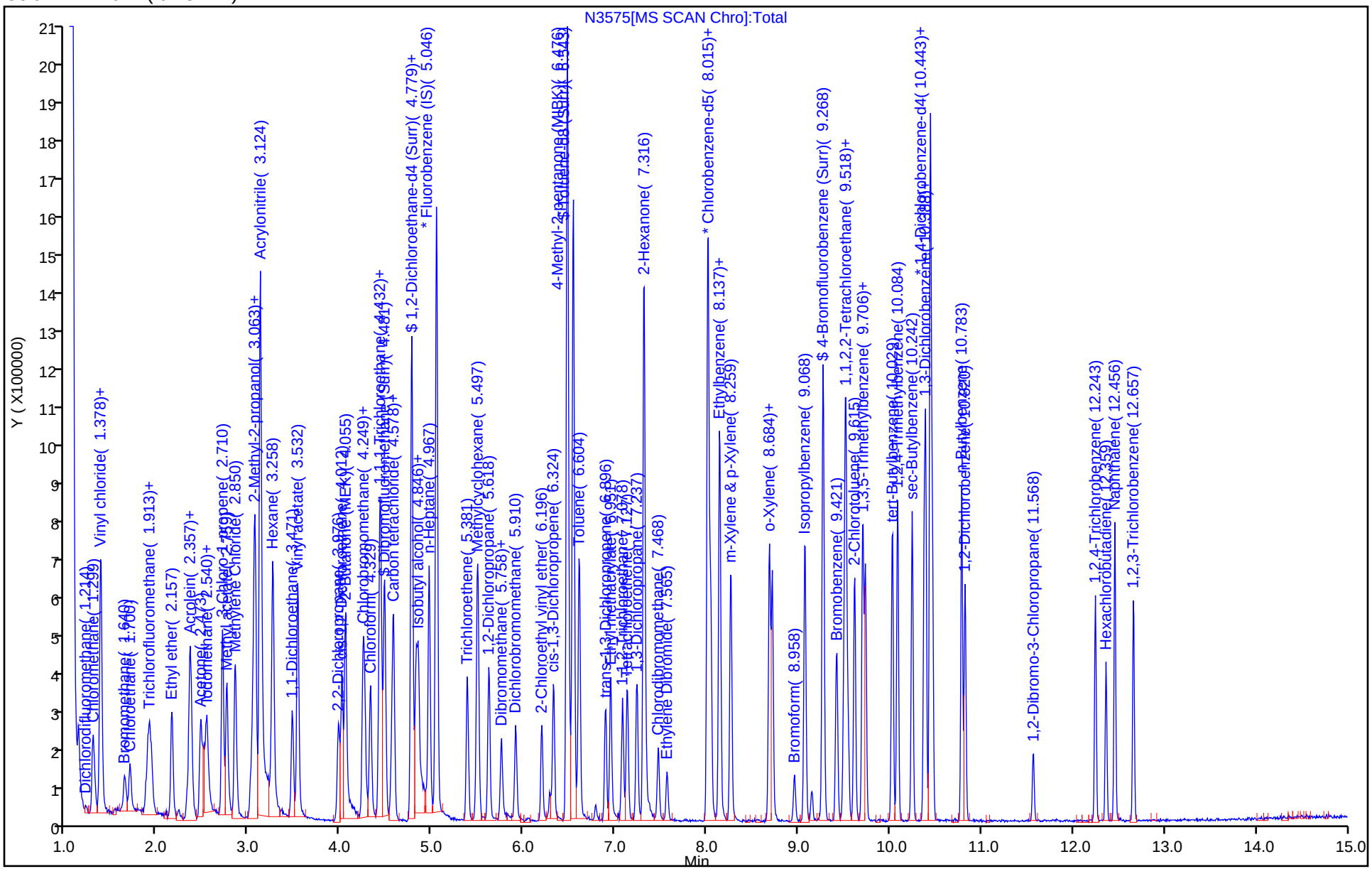
Report Date: 04-Dec-2023 11:13:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3575.d

Injection Date:	01-Dec-2023 15:06:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 4			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

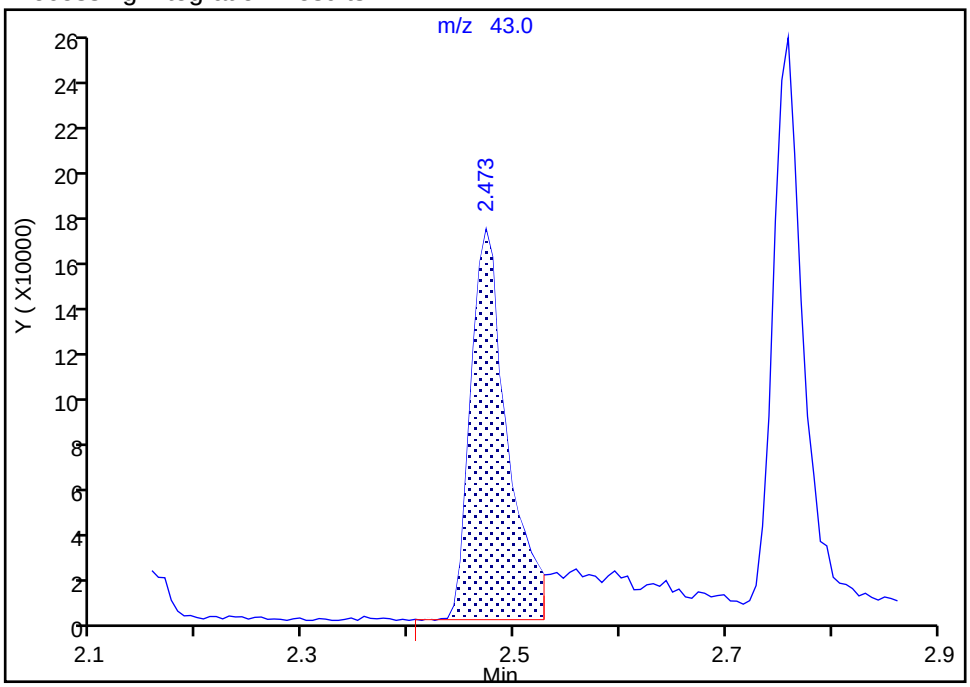
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3575.d
Injection Date: 01-Dec-2023 15:06:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: CR ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

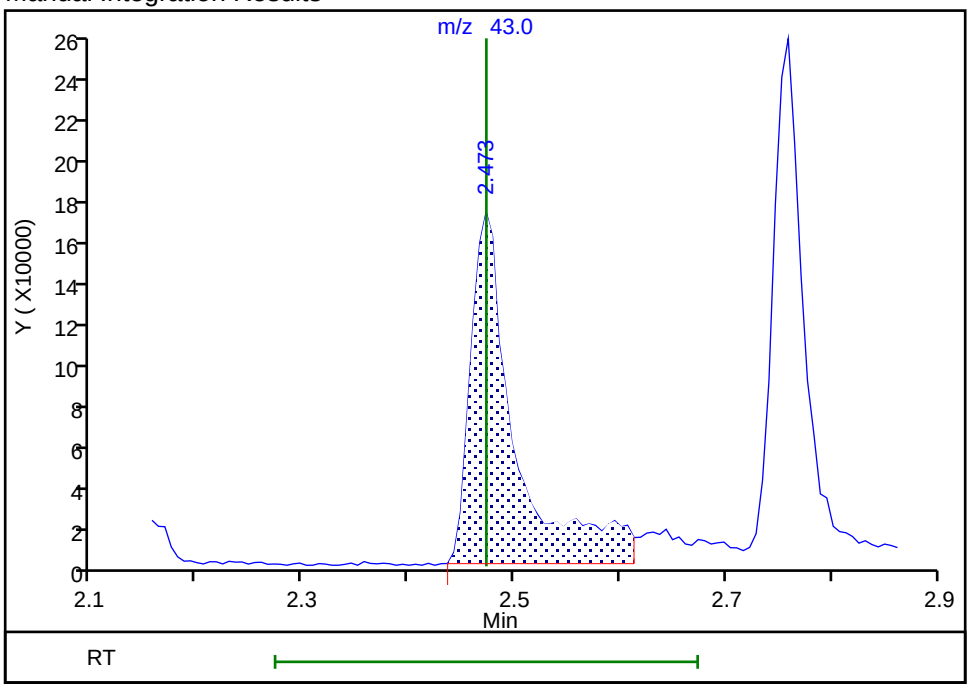
Processing Integration Results

RT: 2.47
Area: 408162
Amount: 39.214021
Amount Units: ug/L



Manual Integration Results

RT: 2.47
Area: 501215
Amount: 46.094141
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:21:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

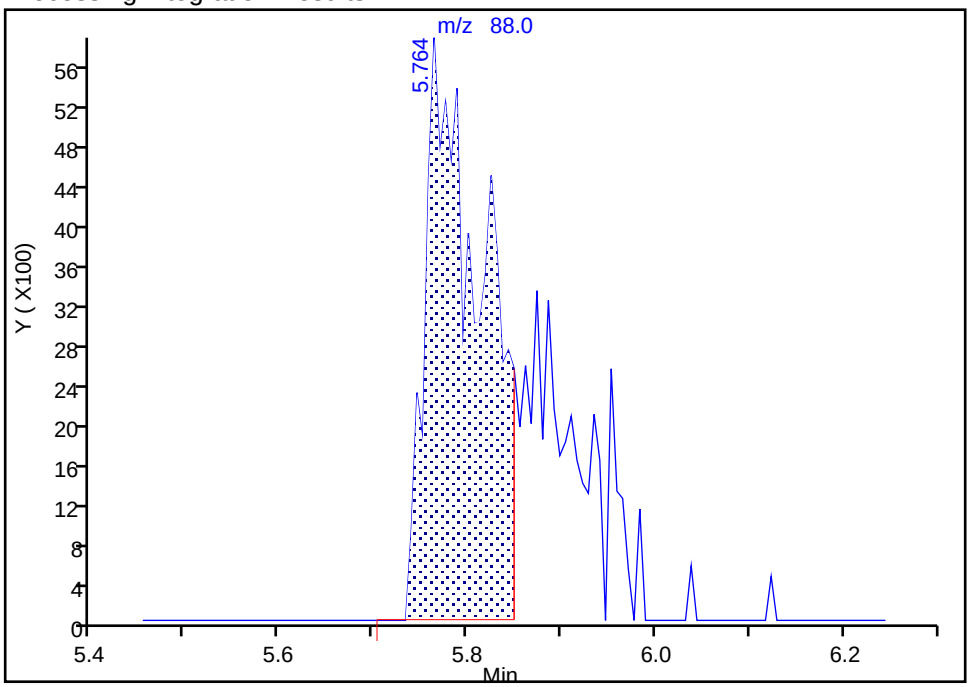
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3575.d
Injection Date: 01-Dec-2023 15:06:30 Instrument ID: HP5973N
Lims ID: IC 4
Client ID:
Operator ID: CR ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

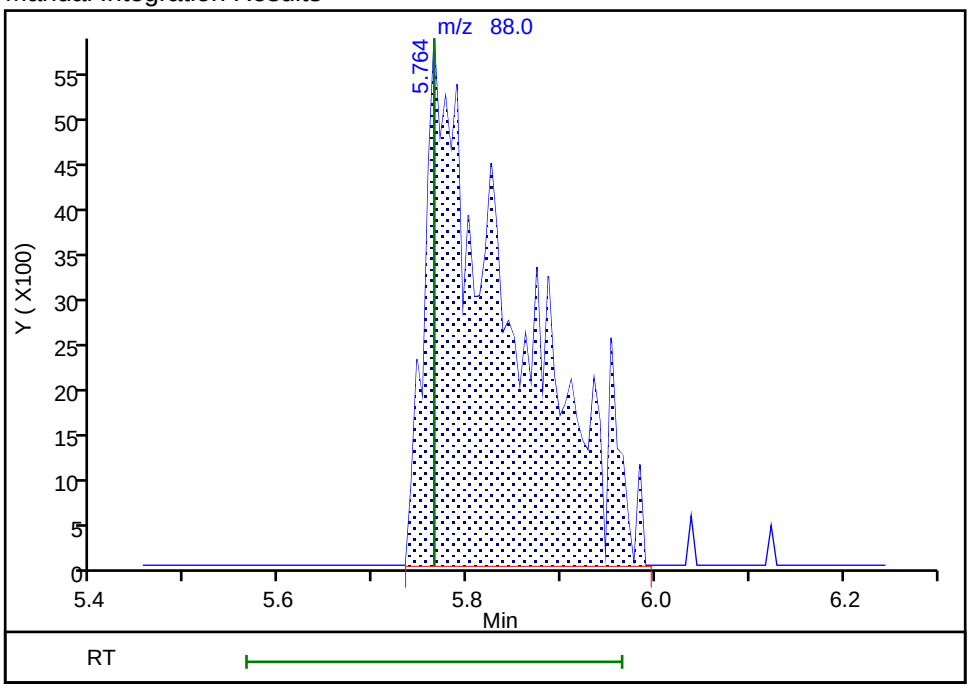
Processing Integration Results

RT: 5.76
Area: 24336
Amount: 157.7902
Amount Units: ug/L



Manual Integration Results

RT: 5.76
Area: 37757
Amount: 214.8529
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:27:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3576.d
Lims ID: ICIS 5
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 01-Dec-2023 15:29:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS 5
Misc. Info.: 480-0115340-018
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:31 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:25:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	96	221490	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	92	731762	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.442	10.442	0.000	95	393733	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	272390	25.0	24.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	65	374272	25.0	24.6	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	823048	25.0	25.0	
$ 7 4-Bromofluorobenzene (Surr)	174	9.274	9.274	0.000	88	281956	25.0	25.1	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	97	316324	25.0	24.8	
13 Chloromethane	50	1.293	1.293	0.000	99	665423	25.0	23.4	
14 Vinyl chloride	62	1.372	1.372	0.000	98	353588	25.0	23.6	
144 Butadiene	54	1.384	1.384	0.000	98	600579	25.0	23.9	
15 Bromomethane	94	1.640	1.640	0.000	91	180374	25.0	24.7	
16 Chloroethane	64	1.706	1.706	0.000	93	215518	25.0	23.7	
18 Trichlorofluoromethane	101	1.925	1.925	0.000	96	390295	25.0	25.5	
17 Dichlorofluoromethane	67	1.907	1.907	0.000	96	486424	25.0	22.9	
19 Ethyl ether	59	2.157	2.157	0.000	91	390205	25.0	23.9	
20 Acrolein	56	2.327	2.327	0.000	96	142047	125.0	131.7	
22 1,1-Dichloroethene	96	2.364	2.364	0.000	89	237642	25.0	25.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.357	2.357	0.000	83	231482	25.0	26.4	
23 Acetone	43	2.473	2.473	0.000	97	1424554	125.0	126.9	
24 Iodomethane	142	2.510	2.510	0.000	98	421133	25.0	24.3	
25 Carbon disulfide	76	2.540	2.540	0.000	97	787521	25.0	24.6	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	86	938650	25.0	24.4	
28 Methyl acetate	43	2.759	2.759	0.000	99	1178614	50.0	45.9	
30 Methylene Chloride	84	2.850	2.850	0.000	86	271837	25.0	25.6	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	98	923586	250.0	254.3	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	89	884843	25.0	23.7	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	89	280634	25.0	24.6	
34 Acrylonitrile	53	3.124	3.124	0.000	97	2963963	250.0	225.1	
35 Hexane	57	3.264	3.264	0.000	92	624500	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
36 1,1-Dichloroethane	63	3.477	3.477	0.000	97	618394	25.0	24.0	
39 Vinyl acetate	43	3.532	3.532	0.000	96	2356025	50.0	50.2	
42 2,2-Dichloropropane	77	3.982	3.982	0.000	74	256368	25.0	23.7	
43 cis-1,2-Dichloroethene	96	4.018	4.018	0.000	87	289296	25.0	24.6	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	2047709	125.0	113.7	
47 Chlorobromomethane	128	4.249	4.249	0.000	82	139224	25.0	23.5	
49 Tetrahydrofuran	42	4.262	4.262	0.000	91	535250	50.0	42.7	
50 Chloroform	83	4.329	4.329	0.000	92	461425	25.0	24.3	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	95	379505	25.0	25.2	
52 Cyclohexane	56	4.438	4.438	0.000	94	787368	25.0	25.5	
53 Carbon tetrachloride	117	4.566	4.566	0.000	94	292890	25.0	24.9	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	78	341994	25.0	24.5	
55 Benzene	78	4.779	4.779	0.000	87	954036	25.0	23.9	
56 Isobutyl alcohol	43	4.821	4.821	0.000	92	1056672	625.0	644.2	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	489952	25.0	23.3	
59 n-Heptane	43	4.967	4.967	0.000	94	985210	25.0	29.1	
60 Trichloroethene	95	5.387	5.387	0.000	94	245221	25.0	24.7	
62 Methylcyclohexane	83	5.497	5.497	0.000	91	448971	25.0	26.6	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	84	290529	25.0	24.3	
64 Dibromomethane	93	5.758	5.758	0.000	95	159563	25.0	24.2	
66 1,4-Dioxane	88	5.770	5.770	0.000	28	85864	500.0	493.5	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	94	296660	25.0	24.1	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	79	200194	25.0	24.1	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	80	341182	25.0	25.7	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	1258473	125.0	122.0	
73 Toluene	92	6.610	6.610	0.000	96	568598	25.0	24.8	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	82	276633	25.0	25.1	
77 Ethyl methacrylate	69	6.951	6.951	0.000	83	317932	25.0	24.4	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	94	165765	25.0	24.2	
79 Tetrachloroethene	166	7.133	7.133	0.000	92	212627	25.0	25.0	
80 1,3-Dichloropropane	76	7.236	7.236	0.000	86	349344	25.0	25.1	
82 2-Hexanone	43	7.316	7.316	0.000	96	2829247	125.0	122.6	
83 Chlorodibromomethane	129	7.468	7.468	0.000	87	208902	25.0	24.4	
84 Ethylene Dibromide	107	7.565	7.565	0.000	97	216483	25.0	26.4	
85 Chlorobenzene	112	8.039	8.039	0.000	90	621419	25.0	24.9	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1071330	25.0	23.8	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	88	216556	25.0	24.7	
90 m-Xylene & p-Xylene	106	8.258	8.258	0.000	96	398002	25.0	25.4	
91 o-Xylene	106	8.684	8.684	0.000	98	401580	25.0	24.7	
92 Styrene	104	8.715	8.715	0.000	90	645574	25.0	25.0	
93 Bromoform	173	8.952	8.952	0.000	92	133953	25.0	23.9	
95 Isopropylbenzene	105	9.074	9.074	0.000	96	1098185	25.0	26.4	
97 Bromobenzene	156	9.420	9.420	0.000	91	257295	25.0	23.7	
98 1,1,2,2-Tetrachloroethane	83	9.493	9.493	0.000	94	335493	25.0	24.8	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	1315000	25.0	25.3	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	90	103283	25.0	23.4	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	67	181971	25.0	23.7	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	244233	25.0	25.0	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	95	920062	25.0	25.8	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	883750	25.0	24.2	
106 tert-Butylbenzene	134	10.029	10.029	0.000	96	200297	25.0	25.5	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	946297	25.0	25.4	

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	10.242	10.242	0.000	96	1157191	25.0	26.1	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	97	517271	25.0	24.8	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	98	1023476	25.0	25.8	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	531756	25.0	24.3	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	907367	25.0	24.6	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	95	512046	25.0	24.1	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.562	0.000	74	79920	25.0	26.9	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	356105	25.0	24.9	
120 Hexachlorobutadiene	225	12.359	12.359	0.000	95	136945	25.0	23.5	
121 Naphthalene	128	12.456	12.456	0.000	97	1125796	25.0	25.5	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	95	327450	25.0	24.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added:	12.50	Units: uL	
GAS CORP mix_00597	Amount Added:	12.50	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

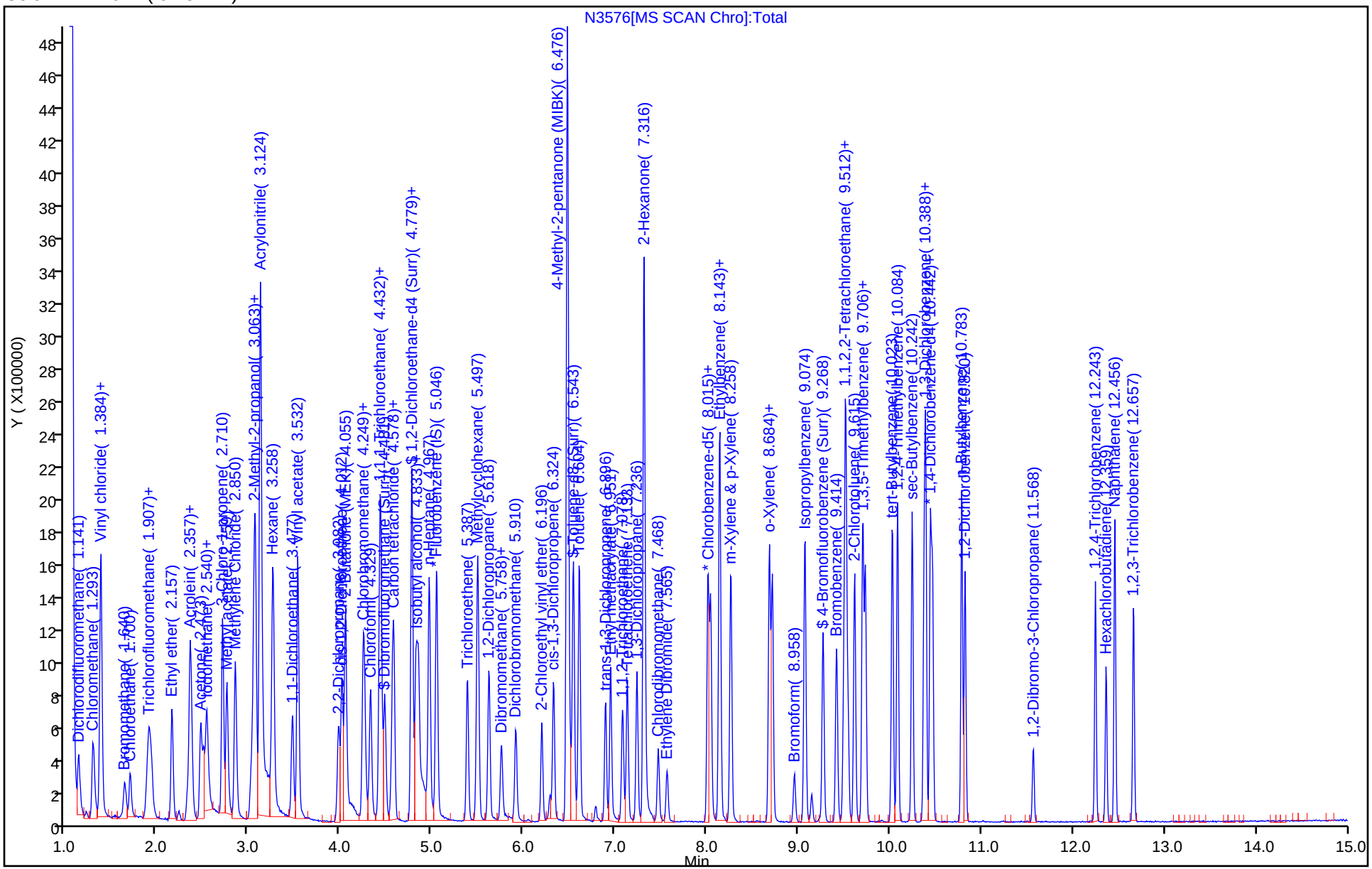
Report Date: 04-Dec-2023 11:13:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3576.d

Injection Date:	01-Dec-2023 15:29:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	ICIS 5			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

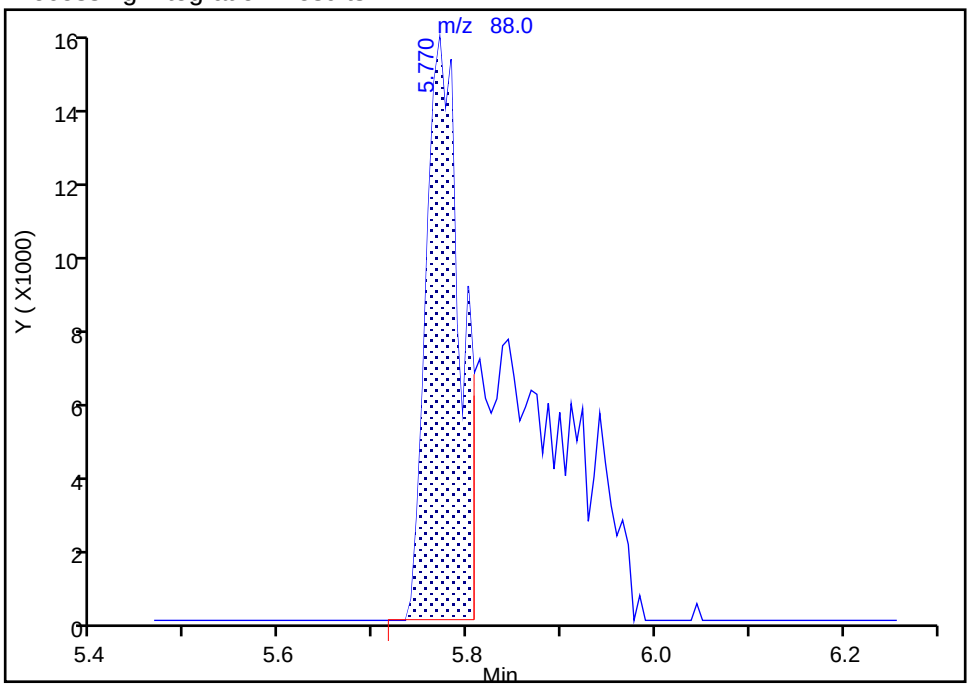
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3576.d
Injection Date: 01-Dec-2023 15:29:30 Instrument ID: HP5973N
Lims ID: ICIS 5
Client ID:
Operator ID: CR ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

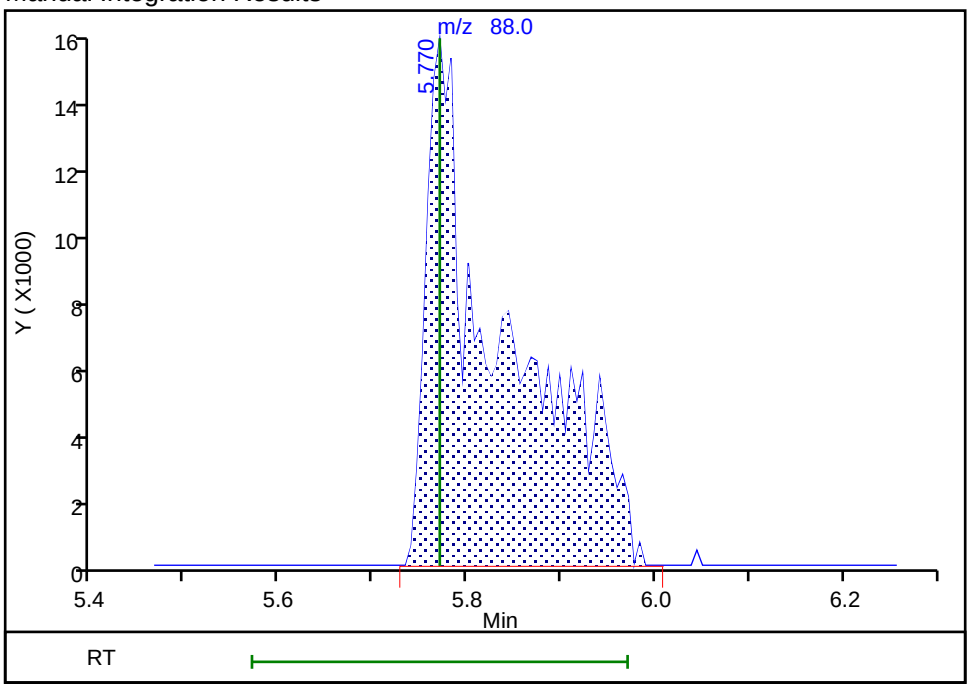
Processing Integration Results

RT: 5.77
Area: 38022
Amount: 288.9410
Amount Units: ug/L



Manual Integration Results

RT: 5.77
Area: 85864
Amount: 493.4511
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:27:50 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3577.d
Lims ID: IC 6
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 01-Dec-2023 15:51:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 6
Misc. Info.: 480-0115340-019
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:40 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:26:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.052	5.046	0.006	97	214320	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	90	764374	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.442	10.442	0.000	94	406986	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	91	272685	25.0	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	54	371422	25.0	25.2	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	853292	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr)	174	9.274	9.274	0.000	89	292179	25.0	24.9	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	98	641505	50.0	51.9	
13 Chloromethane	50	1.293	1.293	0.000	99	1341305	50.0	48.7	
14 Vinyl chloride	62	1.372	1.372	0.000	98	747732	50.0	51.6	
144 Butadiene	54	1.378	1.384	-0.006	99	1193969	50.0	49.1	
15 Bromomethane	94	1.640	1.640	0.000	91	364196	50.0	51.5	
16 Chloroethane	64	1.700	1.706	-0.006	94	437191	50.0	49.7	
17 Dichlorofluoromethane	67	1.901	1.907	-0.006	96	1021122	50.0	49.6	
18 Trichlorofluoromethane	101	1.883	1.925	-0.042	96	756293	50.0	51.1	
19 Ethyl ether	59	2.157	2.157	0.000	87	770185	50.0	48.7	
20 Acrolein	56	2.321	2.327	-0.006	96	238474	250.0	229.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.357	2.357	0.000	55	468852	50.0	55.2	
22 1,1-Dichloroethene	96	2.357	2.364	-0.007	88	451821	50.0	49.3	
23 Acetone	43	2.467	2.473	-0.006	97	2560262	250.0	235.8	M
24 Iodomethane	142	2.503	2.510	-0.007	98	864517	50.0	51.5	
25 Carbon disulfide	76	2.540	2.540	0.000	98	1614427	50.0	52.2	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	87	1924069	50.0	51.7	
28 Methyl acetate	43	2.759	2.759	0.000	99	2255604	100.0	90.8	
30 Methylene Chloride	84	2.850	2.850	0.000	86	530517	50.0	52.1	
31 2-Methyl-2-propanol	59	3.027	3.027	0.000	97	1982499	500.0	564.2	
32 Methyl tert-butyl ether	73	3.051	3.057	-0.006	90	1795750	50.0	49.7	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	88	552561	50.0	50.1	
34 Acrylonitrile	53	3.124	3.124	0.000	98	5513833	500.0	432.7	
35 Hexane	57	3.258	3.264	-0.006	93	1220554	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.477	3.477	0.000	96	1272832	50.0	51.0	
39 Vinyl acetate	43	3.532	3.532	0.000	96	4910007	100.0	108.1	
42 2,2-Dichloropropane	77	3.982	3.982	0.000	78	554947	50.0	53.1	
43 cis-1,2-Dichloroethene	96	4.012	4.018	-0.006	87	603038	50.0	52.9	
44 2-Butanone (MEK)	43	4.049	4.055	-0.006	95	3977287	250.0	228.2	
47 Chlorobromomethane	128	4.243	4.249	-0.006	80	279282	50.0	48.8	
49 Tetrahydrofuran	42	4.262	4.262	0.000	92	1054167	100.0	87.0	
50 Chloroform	83	4.329	4.329	0.000	92	932076	50.0	50.8	
51 1,1,1-Trichloroethane	97	4.426	4.432	-0.006	94	776945	50.0	53.3	
52 Cyclohexane	56	4.432	4.438	-0.006	94	1581439	50.0	52.9	
53 Carbon tetrachloride	117	4.566	4.566	0.000	95	630109	50.0	55.3	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	79	701301	50.0	52.0	
55 Benzene	78	4.779	4.779	0.000	89	1976923	50.0	51.2	
56 Isobutyl alcohol	43	4.821	4.821	0.000	95	2197520	1250.0	1384.5	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	93	971342	50.0	47.8	
59 n-Heptane	43	4.967	4.967	0.000	94	1615952	50.0	49.3	
60 Trichloroethene	95	5.381	5.387	-0.006	93	497349	50.0	51.7	
62 Methylcyclohexane	83	5.497	5.497	0.000	89	879228	50.0	53.8	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	609676	50.0	52.8	
64 Dibromomethane	93	5.752	5.758	-0.006	96	329187	50.0	51.7	
66 1,4-Dioxane	88	5.770	5.770	0.000	28	170604	1000.0	938.6	M
67 Dichlorobromomethane	83	5.910	5.910	0.000	94	649065	50.0	54.6	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	82	426879	50.0	53.0	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	80	727489	50.0	56.7	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	2598298	250.0	241.2	
73 Toluene	92	6.610	6.610	0.000	96	1189981	50.0	49.7	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	87	642464	50.0	55.9	
77 Ethyl methacrylate	69	6.951	6.951	0.000	84	691424	50.0	50.9	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	93	348009	50.0	48.6	
79 Tetrachloroethene	166	7.127	7.133	-0.006	91	459884	50.0	51.8	
80 1,3-Dichloropropane	76	7.236	7.236	0.000	84	705561	50.0	48.5	
82 2-Hexanone	43	7.316	7.316	0.000	96	5905528	250.0	244.9	
83 Chlorodibromomethane	129	7.468	7.468	0.000	89	450542	50.0	50.3	
84 Ethylene Dibromide	107	7.565	7.565	0.000	98	442348	50.0	51.6	
85 Chlorobenzene	112	8.039	8.039	0.000	90	1265349	50.0	48.5	
88 Ethylbenzene	91	8.137	8.137	0.000	98	2250532	50.0	47.9	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	94	464889	50.0	50.7	
90 m-Xylene & p-Xylene	106	8.258	8.258	0.000	97	830618	50.0	50.7	
91 o-Xylene	106	8.684	8.684	0.000	98	837781	50.0	49.4	
92 Styrene	104	8.715	8.715	0.000	92	1371910	50.0	50.8	
93 Bromoform	173	8.958	8.952	0.006	95	318544	50.0	54.3	
95 Isopropylbenzene	105	9.074	9.074	0.000	96	2230103	50.0	52.0	
97 Bromobenzene	156	9.420	9.420	0.000	89	546761	50.0	48.7	
98 1,1,2,2-Tetrachloroethane	83	9.493	9.493	0.000	94	675900	50.0	48.4	
100 N-Propylbenzene	91	9.512	9.512	0.000	100	2732889	50.0	50.9	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	90	221184	50.0	48.6	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	72	391891	50.0	48.6	
102 2-Chlorotoluene	126	9.615	9.615	0.000	95	513793	50.0	50.8	
104 1,3,5-Trimethylbenzene	105	9.706	9.700	0.006	94	1892741	50.0	51.4	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	1842600	50.0	48.9	
106 tert-Butylbenzene	134	10.029	10.029	0.000	97	419458	50.0	51.7	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	1950832	50.0	50.7	

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	10.242	10.242	0.000	96	2348206	50.0	51.2	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	1063440	50.0	49.4	
111 4-Isopropyltoluene	119	10.394	10.388	0.006	98	2112415	50.0	51.6	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	93	1101335	50.0	48.7	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	1850012	50.0	48.4	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	96	1055068	50.0	48.1	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.562	0.000	85	171162	50.0	55.7	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	95	718774	50.0	48.6	
120 Hexachlorobutadiene	225	12.365	12.359	0.006	95	306253	50.0	50.9	
121 Naphthalene	128	12.456	12.456	0.000	97	2345795	50.0	51.4	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	93	663540	50.0	47.2	
S 123 1,3-Dichloropropene, Total	1				0			112.6	
S 125 Total BTEX	1				0			248.9	
S 124 1,2-Dichloroethene, Total	1				0			103.0	
S 126 Xylenes, Total	1				0			100.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added:	25.00	Units: uL	
GAS CORP mix_00597	Amount Added:	25.00	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

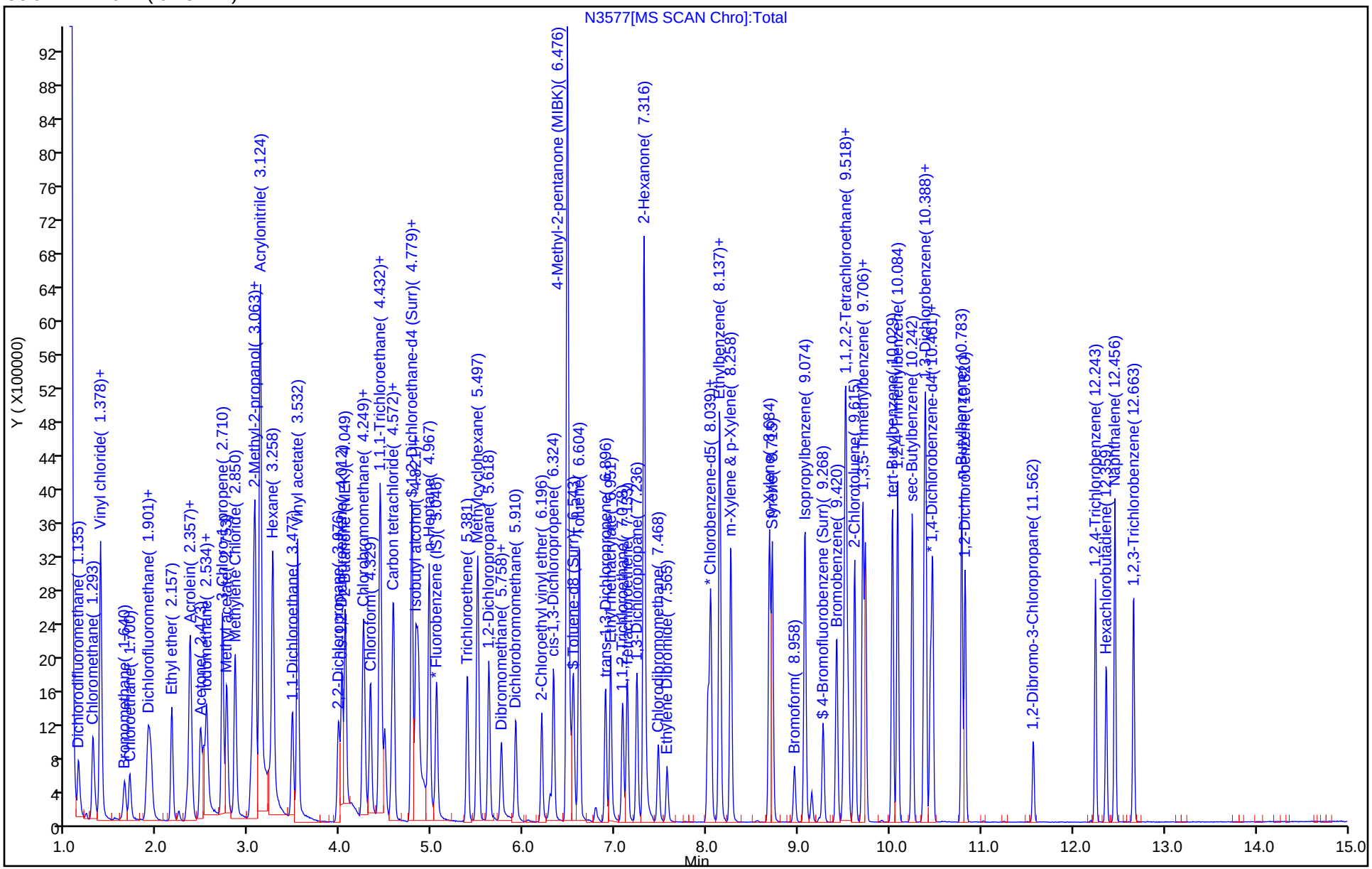
Report Date: 04-Dec-2023 11:13:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3577.d

Injection Date:	01-Dec-2023 15:51:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 6			Worklist Smp#:	19
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

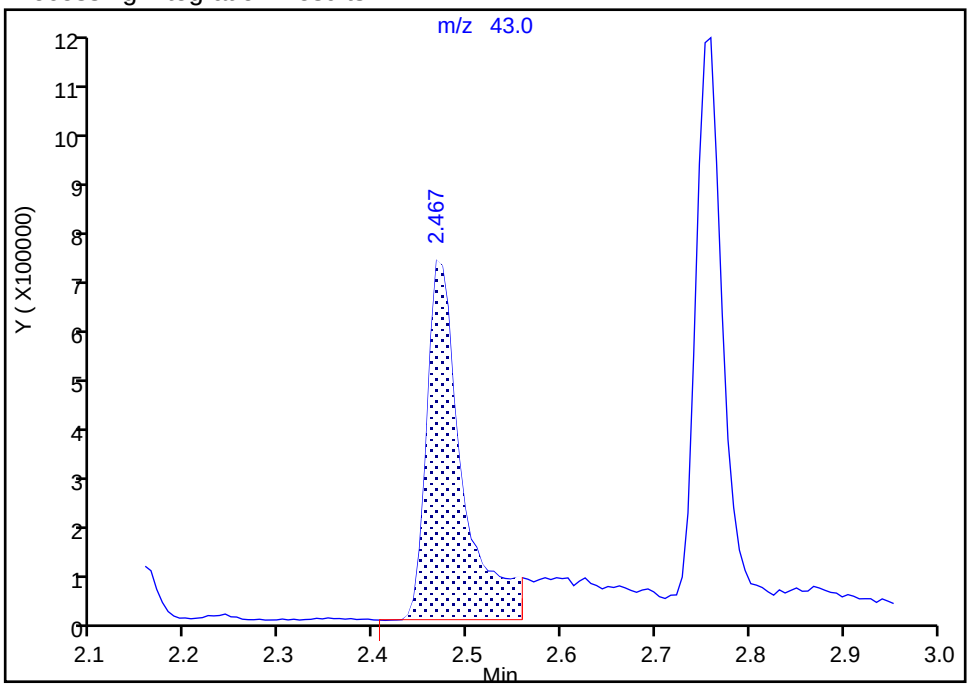
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3577.d
Injection Date: 01-Dec-2023 15:51:30 Instrument ID: HP5973N
Lims ID: IC 6
Client ID:
Operator ID: CR ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

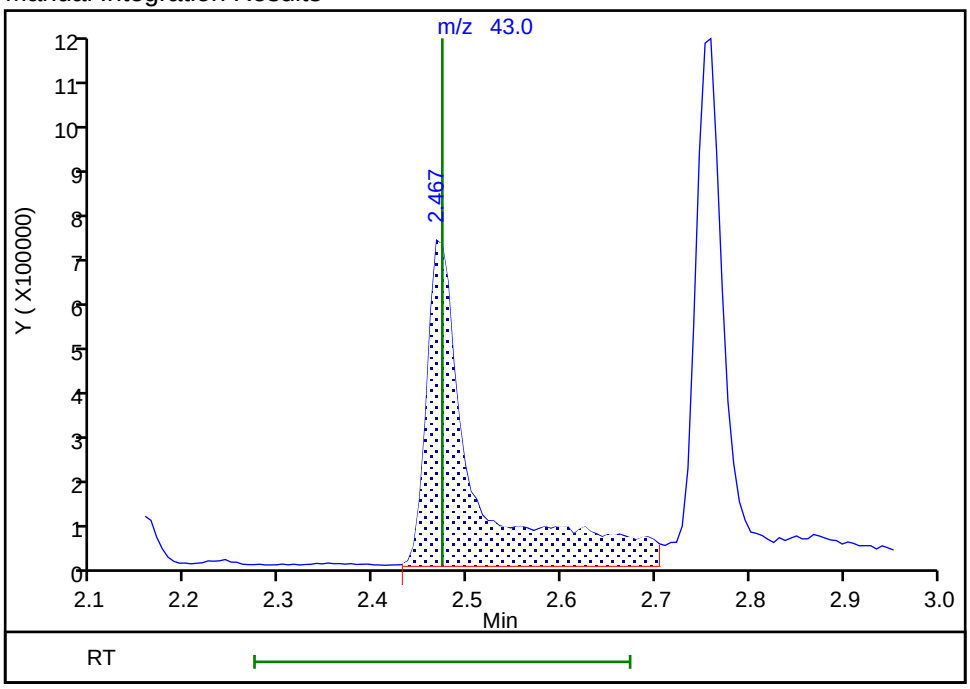
Processing Integration Results

RT: 2.47
Area: 1918899
Amount: 174.6994
Amount Units: ug/L



Manual Integration Results

RT: 2.47
Area: 2560262
Amount: 235.7616
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:25:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

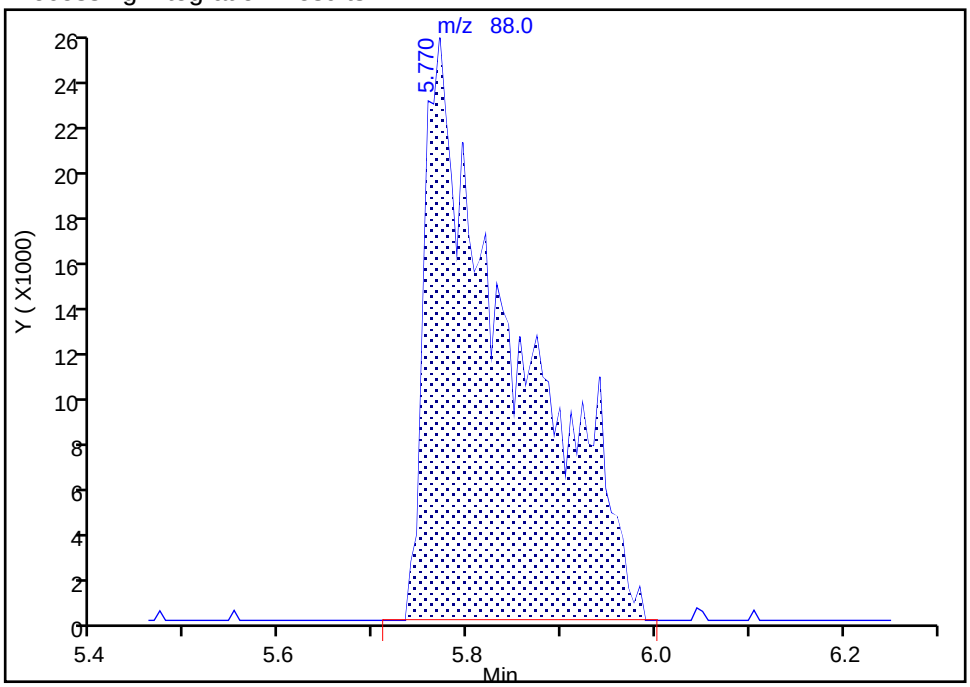
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3577.d
Injection Date: 01-Dec-2023 15:51:30 Instrument ID: HP5973N
Lims ID: IC 6
Client ID:
Operator ID: CR ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

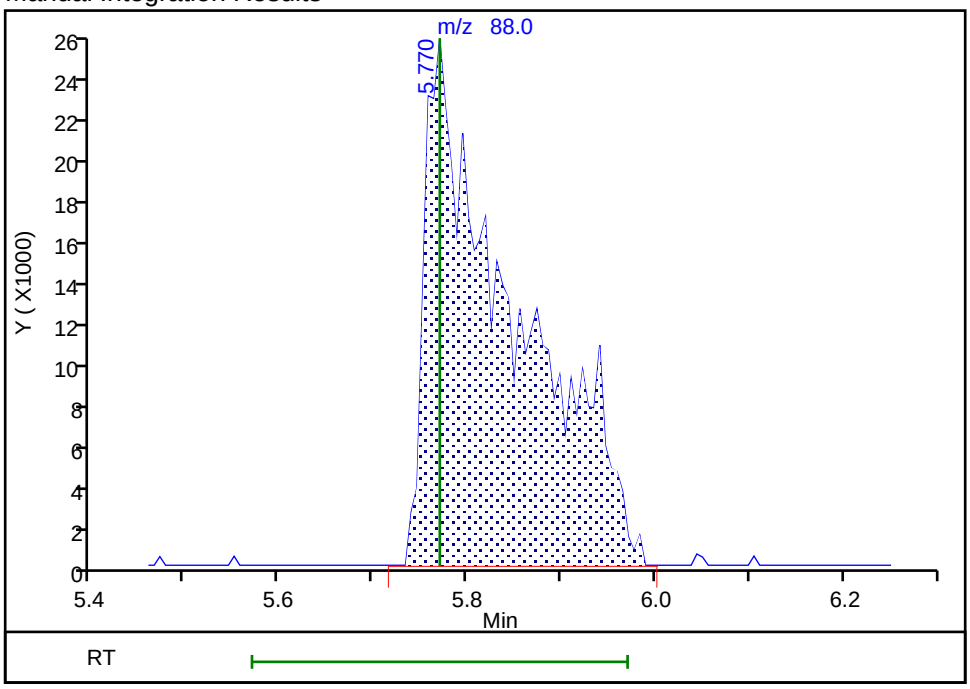
Processing Integration Results

RT: 5.77
Area: 170604
Amount: 1039.6298
Amount Units: ug/L



Manual Integration Results

RT: 5.77
Area: 170604
Amount: 938.6121
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:27:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3578.d
Lims ID: IC 7
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 01-Dec-2023 16:14:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 7
Misc. Info.: 480-0115340-020
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:13:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 10:27:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.001	96	238752	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	90	781881	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	411477	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	297745	25.0	24.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	47	402971	25.0	24.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	97	869794	25.0	24.8	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	86	307012	25.0	25.6	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	97	1335728	100.0	97.1	
13 Chloromethane	50	1.299	1.293	0.006	100	2653228	100.0	86.4	
14 Vinyl chloride	62	1.378	1.372	0.006	98	1524635	100.0	94.4	
144 Butadiene	54	1.384	1.384	0.000	98	2444614	100.0	90.3	
15 Bromomethane	94	1.646	1.640	0.006	91	737247	100.0	93.6	
16 Chloroethane	64	1.701	1.706	-0.005	94	886817	100.0	90.5	
17 Dichlorofluoromethane	67	1.907	1.907	0.000	96	2052697	100.0	89.5	
18 Trichlorofluoromethane	101	1.932	1.925	0.007	97	1612090	100.0	97.8	
19 Ethyl ether	59	2.157	2.157	0.000	89	1602479	100.0	90.9	
20 Acrolein	56	2.321	2.327	-0.006	99	593820	500.0	514.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.364	2.357	0.007	90	975294	100.0	103.2	
22 1,1-Dichloroethene	96	2.358	2.364	-0.006	89	946399	100.0	92.7	
23 Acetone	43	2.473	2.473	0.000	97	5568493	500.0	460.3	
24 Iodomethane	142	2.510	2.510	0.000	99	1739074	100.0	92.9	
25 Carbon disulfide	76	2.540	2.540	0.000	97	3320549	100.0	96.3	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	86	3973921	100.0	95.8	
28 Methyl acetate	43	2.759	2.759	0.000	99	5259577	200.0	190.0	
30 Methylene Chloride	84	2.850	2.850	0.000	86	1096541	100.0	96.9	
31 2-Methyl-2-propanol	59	3.021	3.027	-0.006	98	4142391	1000.0	1058.3	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	91	3850096	100.0	95.7	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	89	1126252	100.0	91.7	
34 Acrylonitrile	53	3.124	3.124	0.000	98	14016232	1000.0	987.4	
35 Hexane	57	3.264	3.264	0.000	92	2607240	100.0	100.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.477	3.477	0.000	97	2620733	100.0	94.2	
39 Vinyl acetate	43	3.532	3.532	0.000	96	11656178	200.0	230.3	
42 2,2-Dichloropropane	77	3.982	3.982	0.000	78	1130617	100.0	97.1	
43 cis-1,2-Dichloroethene	96	4.018	4.018	0.000	87	1165253	100.0	91.8	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	9228421	500.0	475.4	
47 Chlorobromomethane	128	4.250	4.249	0.001	82	600667	100.0	94.2	
49 Tetrahydrofuran	42	4.262	4.262	0.000	92	2511840	200.0	186.1	
50 Chloroform	83	4.329	4.329	0.001	94	1949925	100.0	95.3	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	95	1681941	100.0	103.6	
52 Cyclohexane	56	4.438	4.438	0.000	93	3307818	100.0	99.2	
53 Carbon tetrachloride	117	4.566	4.566	0.000	94	1356150	100.0	106.8	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	86	1466154	100.0	97.6	
55 Benzene	78	4.779	4.779	0.000	91	4203506	100.0	97.7	
56 Isobutyl alcohol	43	4.828	4.821	0.007	94	4644230	2500.0	2626.6	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	2053936	100.0	90.7	
59 n-Heptane	43	4.967	4.967	0.000	94	4264148	100.0	116.7	
60 Trichloroethene	95	5.387	5.387	0.000	93	1045309	100.0	97.5	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	1872740	100.0	102.8	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	1248330	100.0	97.0	
64 Dibromomethane	93	5.752	5.758	-0.006	96	694661	100.0	97.8	
66 1,4-Dioxane	88	5.764	5.770	-0.006	31	327639	2000.0	1762.2	M
67 Dichlorobromomethane	83	5.917	5.910	0.006	94	1334117	100.0	100.7	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	81	890001	100.0	99.3	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	81	1561652	100.0	109.2	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	98	5442420	500.0	493.9	e
73 Toluene	92	6.610	6.610	0.000	96	2502558	100.0	102.1	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	87	1413146	100.0	120.2	
77 Ethyl methacrylate	69	6.951	6.951	0.000	84	1409754	100.0	101.4	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	94	730464	100.0	99.8	
79 Tetrachloroethene	166	7.133	7.133	0.000	92	980441	100.0	108.0	
80 1,3-Dichloropropane	76	7.237	7.236	0.001	86	1473532	100.0	98.9	
82 2-Hexanone	43	7.316	7.316	0.000	96	12165433	500.0	493.3	
83 Chlorodibromomethane	129	7.474	7.468	0.006	88	979290	100.0	106.8	
84 Ethylene Dibromide	107	7.565	7.565	0.000	97	926706	100.0	105.6	
85 Chlorobenzene	112	8.040	8.039	0.001	91	2691051	100.0	100.8	
88 Ethylbenzene	91	8.143	8.137	0.006	98	4736133	100.0	98.6	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	93	998245	100.0	106.5	
90 m-Xylene & p-Xylene	106	8.265	8.258	0.007	97	1728856	100.0	103.2	
91 o-Xylene	106	8.685	8.684	0.001	98	1763753	100.0	101.6	
92 Styrene	104	8.715	8.715	0.000	92	2830487	100.0	102.5	
93 Bromoform	173	8.958	8.952	0.006	95	686135	100.0	114.4	
95 Isopropylbenzene	105	9.074	9.074	0.000	97	4695680	100.0	108.2	
97 Bromobenzene	156	9.421	9.420	0.001	89	1120168	100.0	98.7	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.493	0.001	96	1387250	100.0	98.3	
100 N-Propylbenzene	91	9.518	9.512	0.006	100	5760998	100.0	106.0	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	90	436062	100.0	94.7	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	77	849697	100.0	103.4	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	1059228	100.0	103.6	
104 1,3,5-Trimethylbenzene	105	9.707	9.700	0.007	95	3935861	100.0	105.7	
105 4-Chlorotoluene	91	9.731	9.731	0.000	99	3868046	100.0	101.5	
106 tert-Butylbenzene	134	10.029	10.029	0.000	96	877289	100.0	107.0	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	4035160	100.0	103.6	

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	10.242	10.242	0.000	96	5001086	100.0	107.8	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	97	2221149	100.0	102.0	
111 4-Isopropyltoluene	119	10.394	10.388	0.006	98	4469102	100.0	108.0	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	2257676	100.0	98.8	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	3995623	100.0	103.5	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	97	2167499	100.0	97.8	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.562	0.006	79	354159	100.0	113.9	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	1506868	100.0	100.8	
120 Hexachlorobutadiene	225	12.365	12.359	0.006	97	616599	100.0	101.3	
121 Naphthalene	128	12.456	12.456	0.000	97	4912485	100.0	106.5	
122 1,2,3-Trichlorobenzene	180	12.657	12.663	-0.006	94	1413462	100.0	99.5	
S 123 1,3-Dichloropropene, Total	1				0			229.4	
S 125 Total BTEX	1				0			503.3	
S 124 1,2-Dichloroethene, Total	1				0			183.5	
S 126 Xylenes, Total	1				0			204.8	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated

Reagents:

8260 CORP mix_00245	Amount Added:	50.00	Units: uL	
GAS CORP mix_00597	Amount Added:	50.00	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

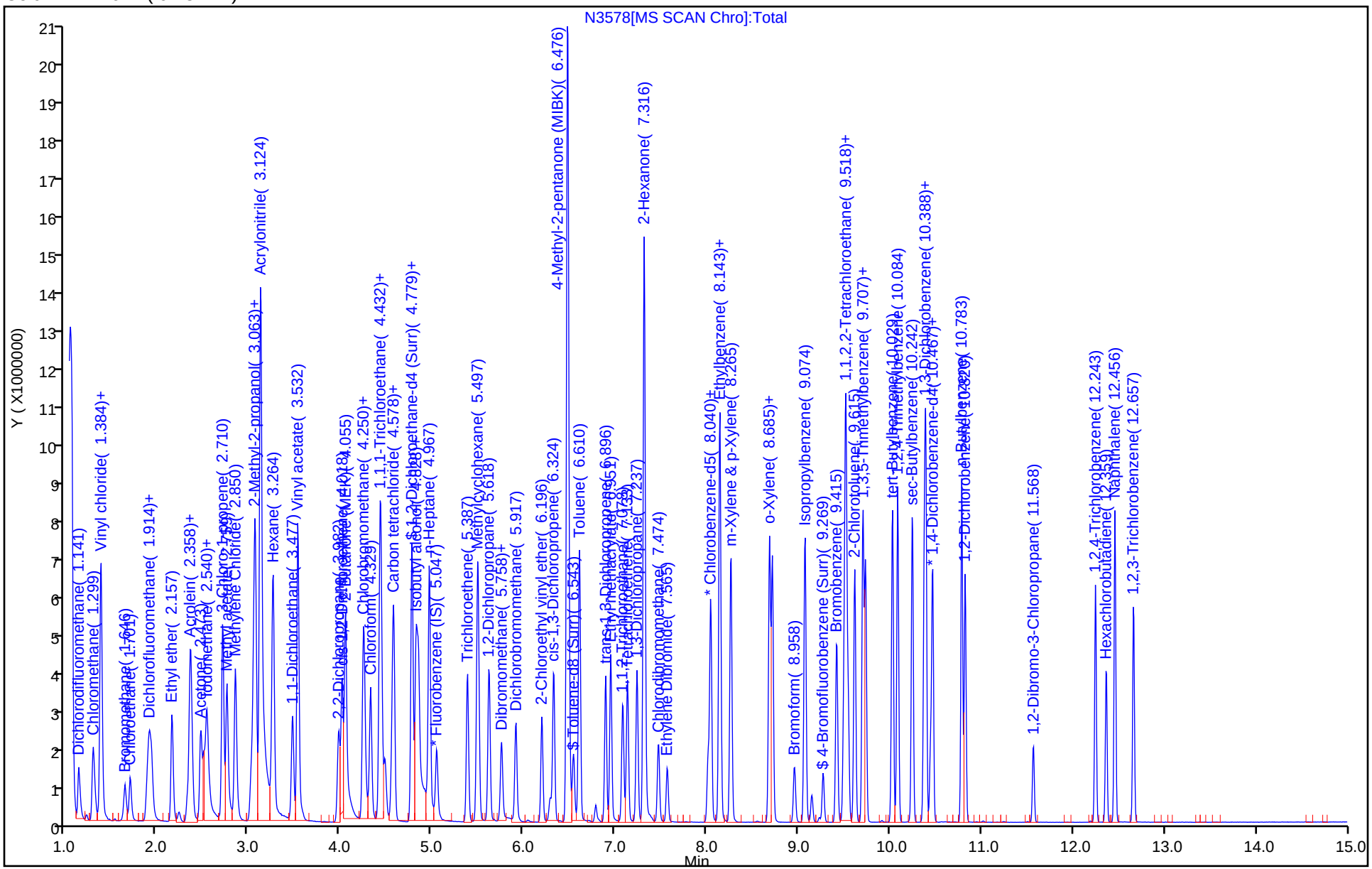
Report Date: 04-Dec-2023 11:13:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3578.d

Injection Date:	01-Dec-2023 16:14:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	IC 7			Worklist Smp#:	20
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

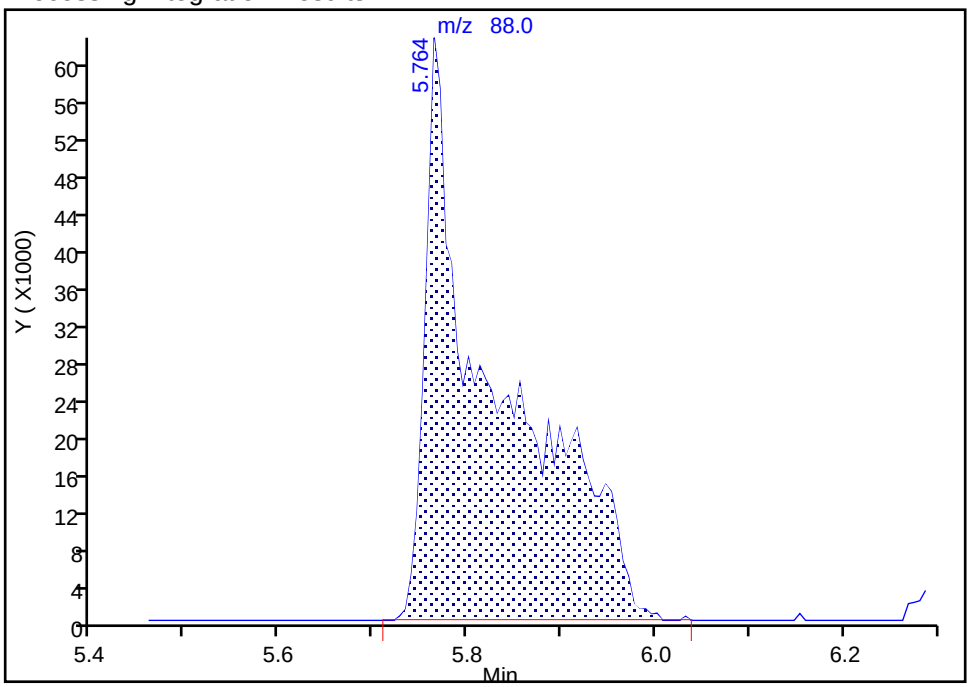
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3578.d
Injection Date: 01-Dec-2023 16:14:30 Instrument ID: HP5973N
Lims ID: IC 7
Client ID:
Operator ID: CR ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

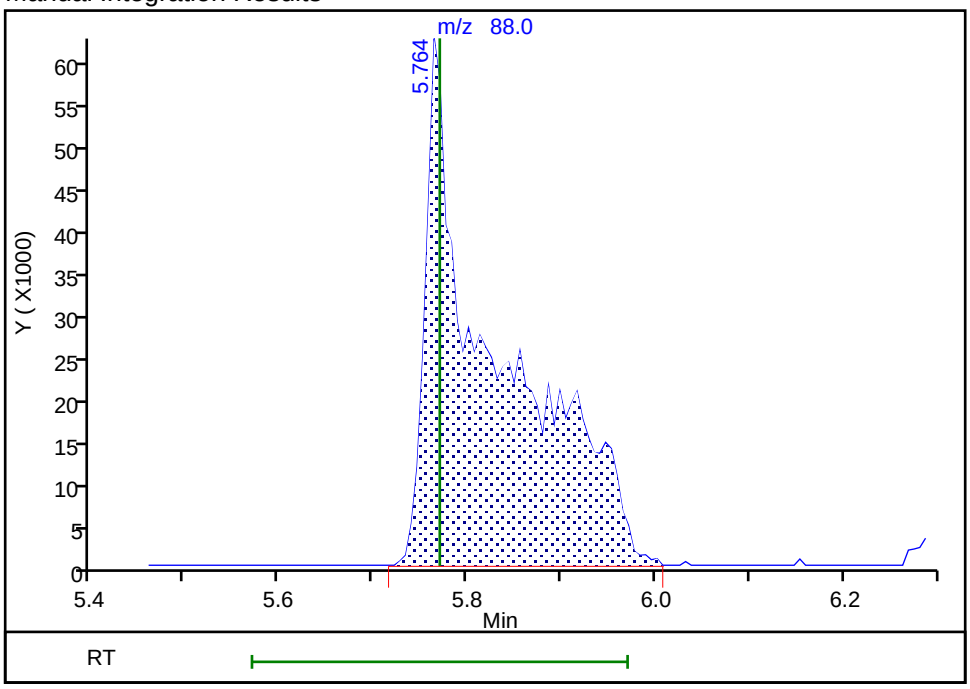
Processing Integration Results

RT: 5.76
Area: 327798
Amount: 2038.7730
Amount Units: ug/L



Manual Integration Results

RT: 5.76
Area: 327639
Amount: 1762.2104
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 10:27:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Calibration / Dichlorodifluoromethane

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

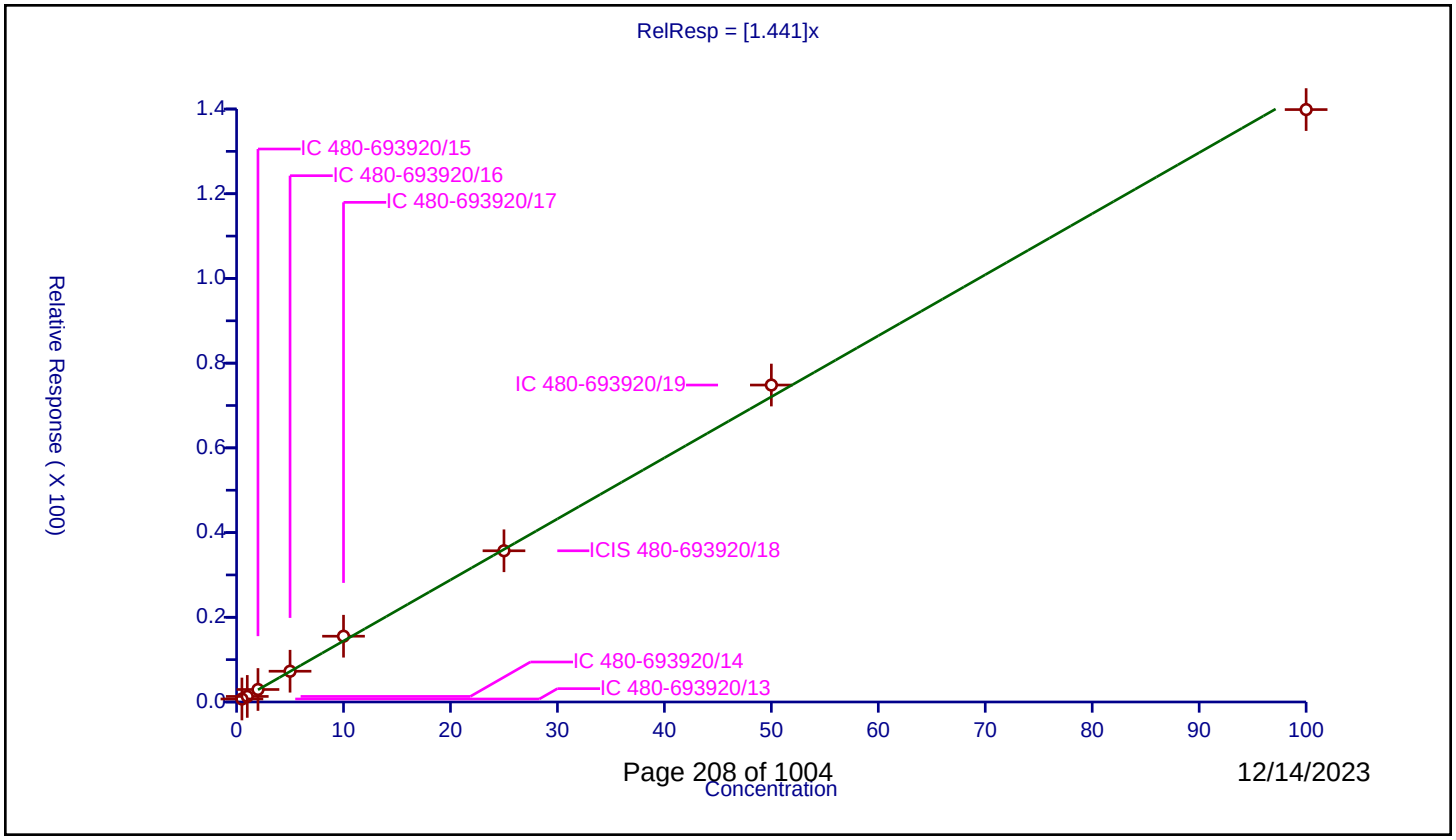
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Standard Error:	575000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.706103	25.0	218417.0	1.412207	Y
2	IC 480-693920/14	1.0	1.31343	25.0	210803.0	1.31343	Y
3	IC 480-693920/15	2.0	2.948214	25.0	204590.0	1.474107	Y
4	IC 480-693920/16	5.0	7.263094	25.0	233795.0	1.452619	Y
5	IC 480-693920/17	10.0	15.527959	25.0	214600.0	1.552796	Y
6	ICIS 480-693920/18	25.0	35.704095	25.0	221490.0	1.428164	Y
7	IC 480-693920/19	50.0	74.830277	25.0	214320.0	1.496606	Y
8	IC 480-693920/20	100.0	139.865635	25.0	238752.0	1.398656	Y



Calibration / Chloromethane

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

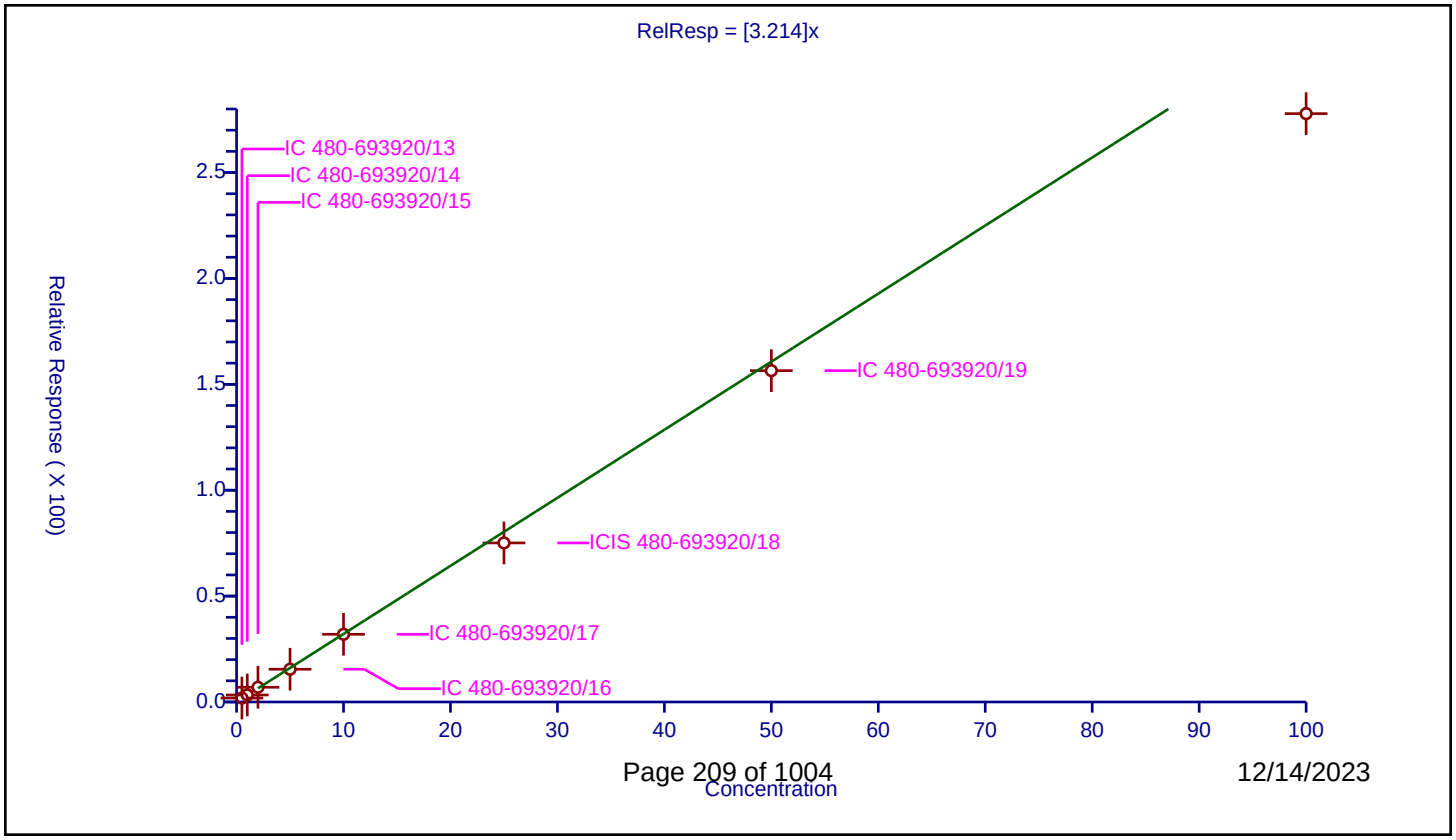
Curve Coefficients

Intercept:	0
Slope:	3.214

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.86192	25.0	218417.0	3.72384	Y
2	IC 480-693920/14	1.0	3.307709	25.0	210803.0	3.307709	Y
3	IC 480-693920/15	2.0	6.958062	25.0	204590.0	3.479031	Y
4	IC 480-693920/16	5.0	15.46205	25.0	233795.0	3.09241	Y
5	IC 480-693920/17	10.0	31.960158	25.0	214600.0	3.196016	Y
6	ICIS 480-693920/18	25.0	75.107567	25.0	221490.0	3.004303	Y
7	IC 480-693920/19	50.0	156.46055	25.0	214320.0	3.129211	Y
8	IC 480-693920/20	100.0	277.822594	25.0	238752.0	2.778226	Y



Calibration / Vinyl chloride

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

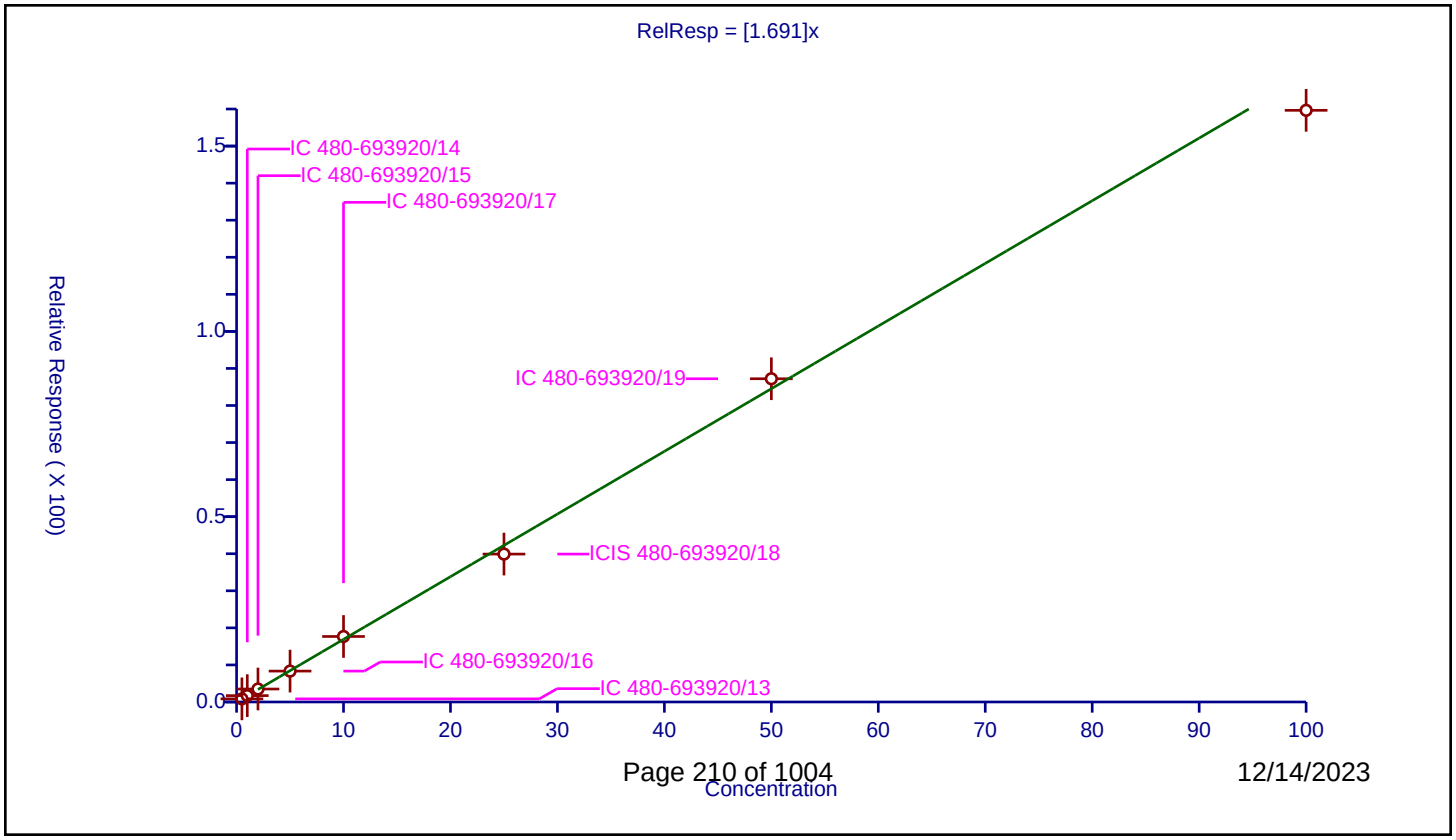
Curve Coefficients

Intercept:	0
Slope:	1.691

Error Coefficients

Standard Error:	659000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.843112	25.0	218417.0	1.686224	Y
2	IC 480-693920/14	1.0	1.715227	25.0	210803.0	1.715227	Y
3	IC 480-693920/15	2.0	3.502371	25.0	204590.0	1.751185	Y
4	IC 480-693920/16	5.0	8.337112	25.0	233795.0	1.667422	Y
5	IC 480-693920/17	10.0	17.673462	25.0	214600.0	1.767346	Y
6	ICIS 480-693920/18	25.0	39.910154	25.0	221490.0	1.596406	Y
7	IC 480-693920/19	50.0	87.221445	25.0	214320.0	1.744429	Y
8	IC 480-693920/20	100.0	159.646307	25.0	238752.0	1.596463	Y



Calibration / Butadiene

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

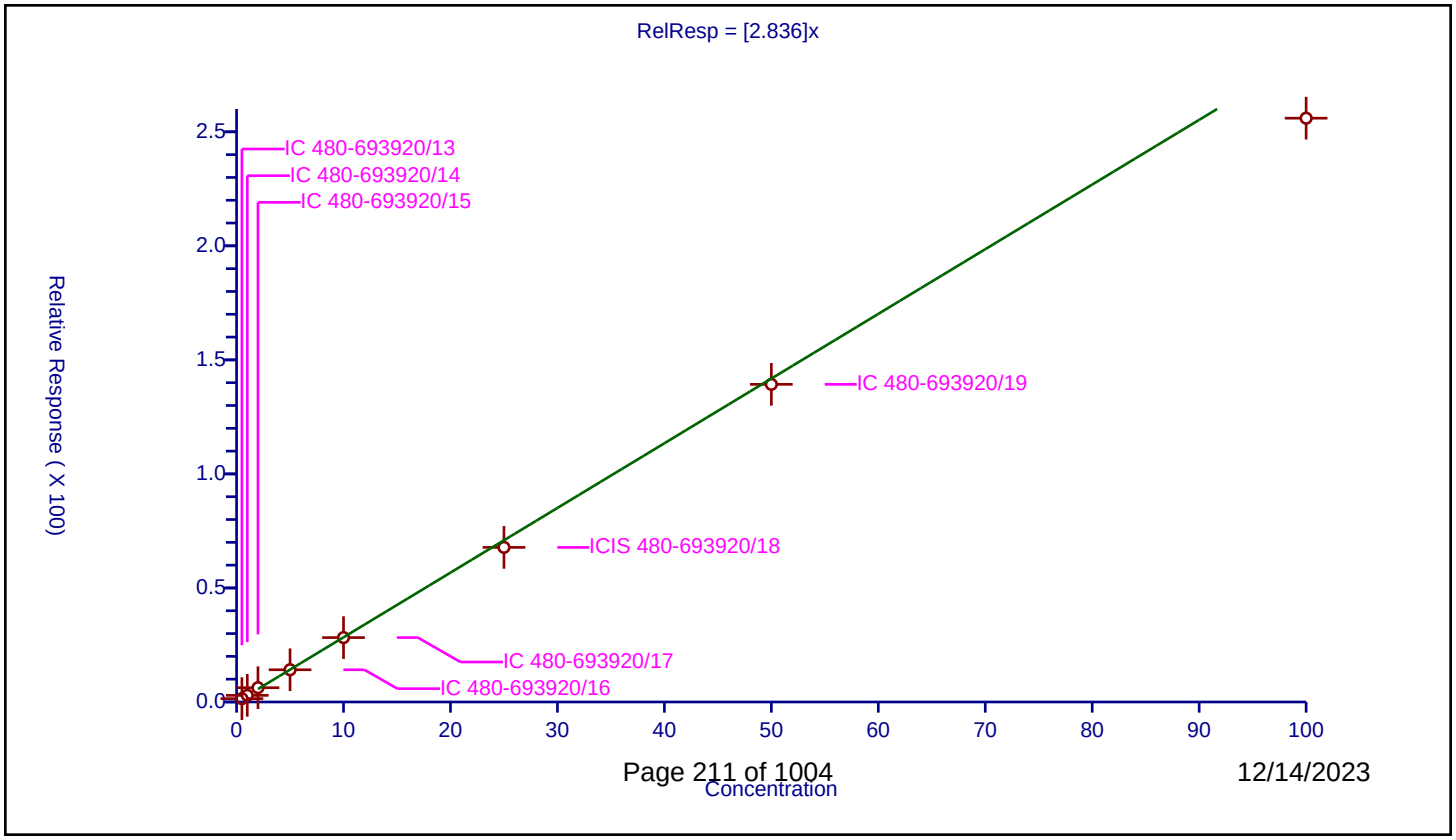
Curve Coefficients

Intercept:	0
Slope:	2.836

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.471497	25.0	218417.0	2.942994	Y
2	IC 480-693920/14	1.0	2.908284	25.0	210803.0	2.908284	Y
3	IC 480-693920/15	2.0	6.25947	25.0	204590.0	3.129735	Y
4	IC 480-693920/16	5.0	14.135674	25.0	233795.0	2.827135	Y
5	IC 480-693920/17	10.0	28.230079	25.0	214600.0	2.823008	Y
6	ICIS 480-693920/18	25.0	67.788501	25.0	221490.0	2.71154	Y
7	IC 480-693920/19	50.0	139.274099	25.0	214320.0	2.785482	Y
8	IC 480-693920/20	100.0	255.978379	25.0	238752.0	2.559784	Y



Calibration / Bromomethane

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

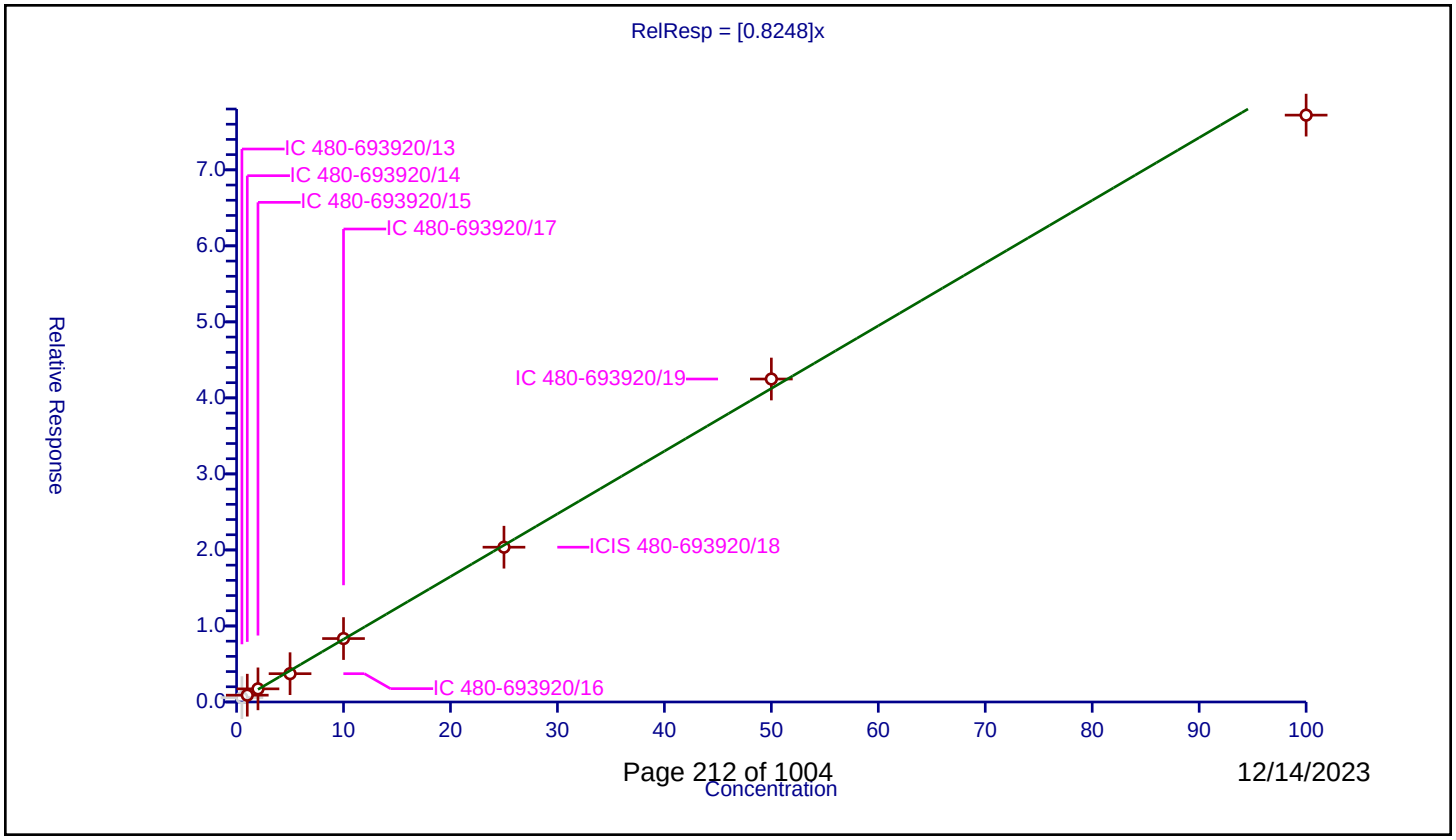
Curve Coefficients

Intercept:	0
Slope:	0.8248

Error Coefficients

Standard Error:	345000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.575848	25.0	218417.0	1.151696	N
2	IC 480-693920/14	1.0	0.895742	25.0	210803.0	0.895742	Y
3	IC 480-693920/15	2.0	1.726257	25.0	204590.0	0.863129	Y
4	IC 480-693920/16	5.0	3.722064	25.0	233795.0	0.744413	Y
5	IC 480-693920/17	10.0	8.344828	25.0	214600.0	0.834483	Y
6	ICIS 480-693920/18	25.0	20.359158	25.0	221490.0	0.814366	Y
7	IC 480-693920/19	50.0	42.482736	25.0	214320.0	0.849655	Y
8	IC 480-693920/20	100.0	77.197992	25.0	238752.0	0.77198	Y



Calibration / Chloroethane

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

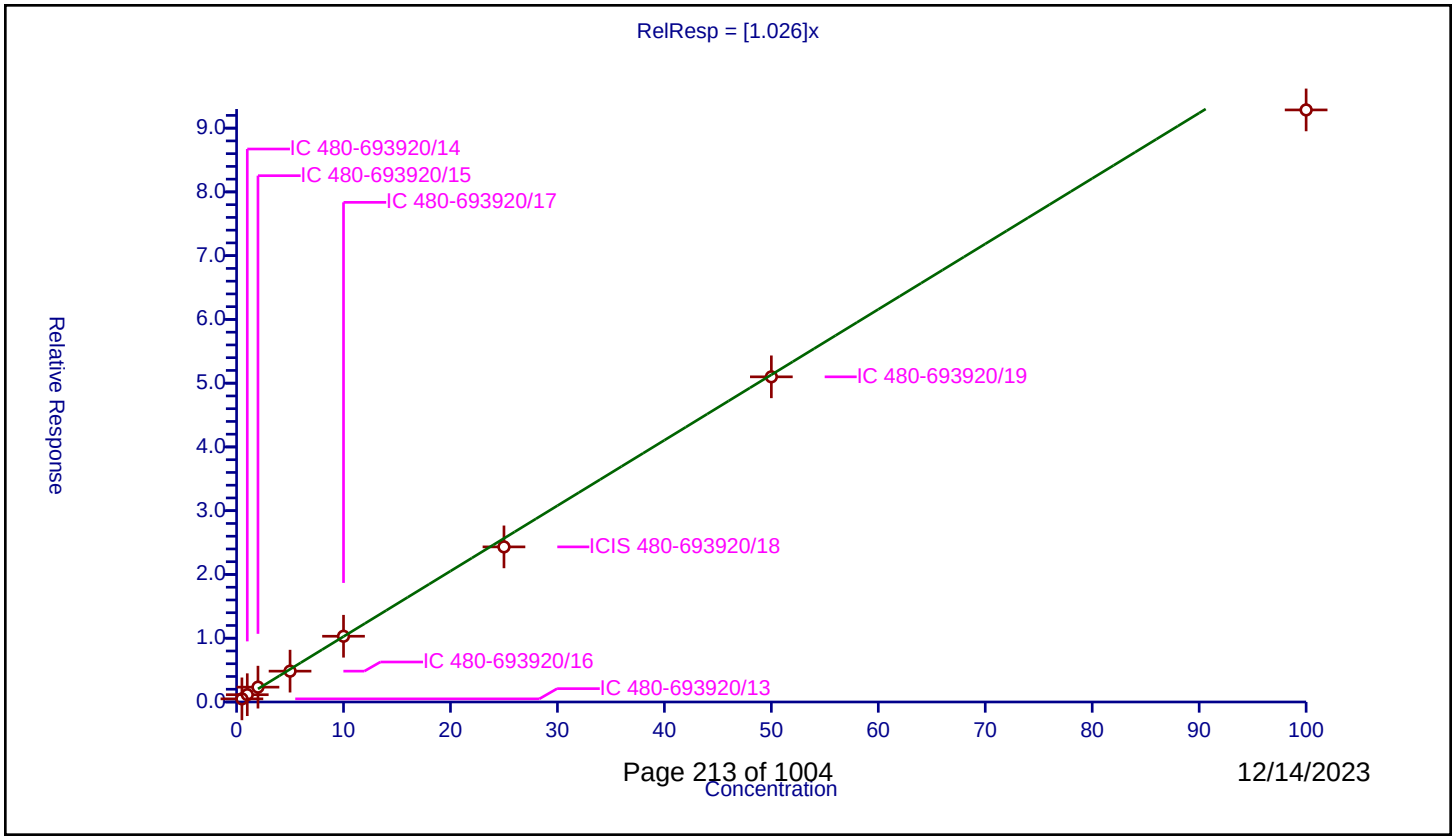
Curve Coefficients

Intercept:	0
Slope:	1.026

Error Coefficients

Standard Error:	384000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.491148	25.0	218417.0	0.982295	Y
2	IC 480-693920/14	1.0	1.144315	25.0	210803.0	1.144315	Y
3	IC 480-693920/15	2.0	2.328682	25.0	204590.0	1.164341	Y
4	IC 480-693920/16	5.0	4.836074	25.0	233795.0	0.967215	Y
5	IC 480-693920/17	10.0	10.310461	25.0	214600.0	1.031046	Y
6	ICIS 480-693920/18	25.0	24.325929	25.0	221490.0	0.973037	Y
7	IC 480-693920/19	50.0	50.997457	25.0	214320.0	1.019949	Y
8	IC 480-693920/20	100.0	92.859641	25.0	238752.0	0.928596	Y



Calibration / Trichlorofluoromethane

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

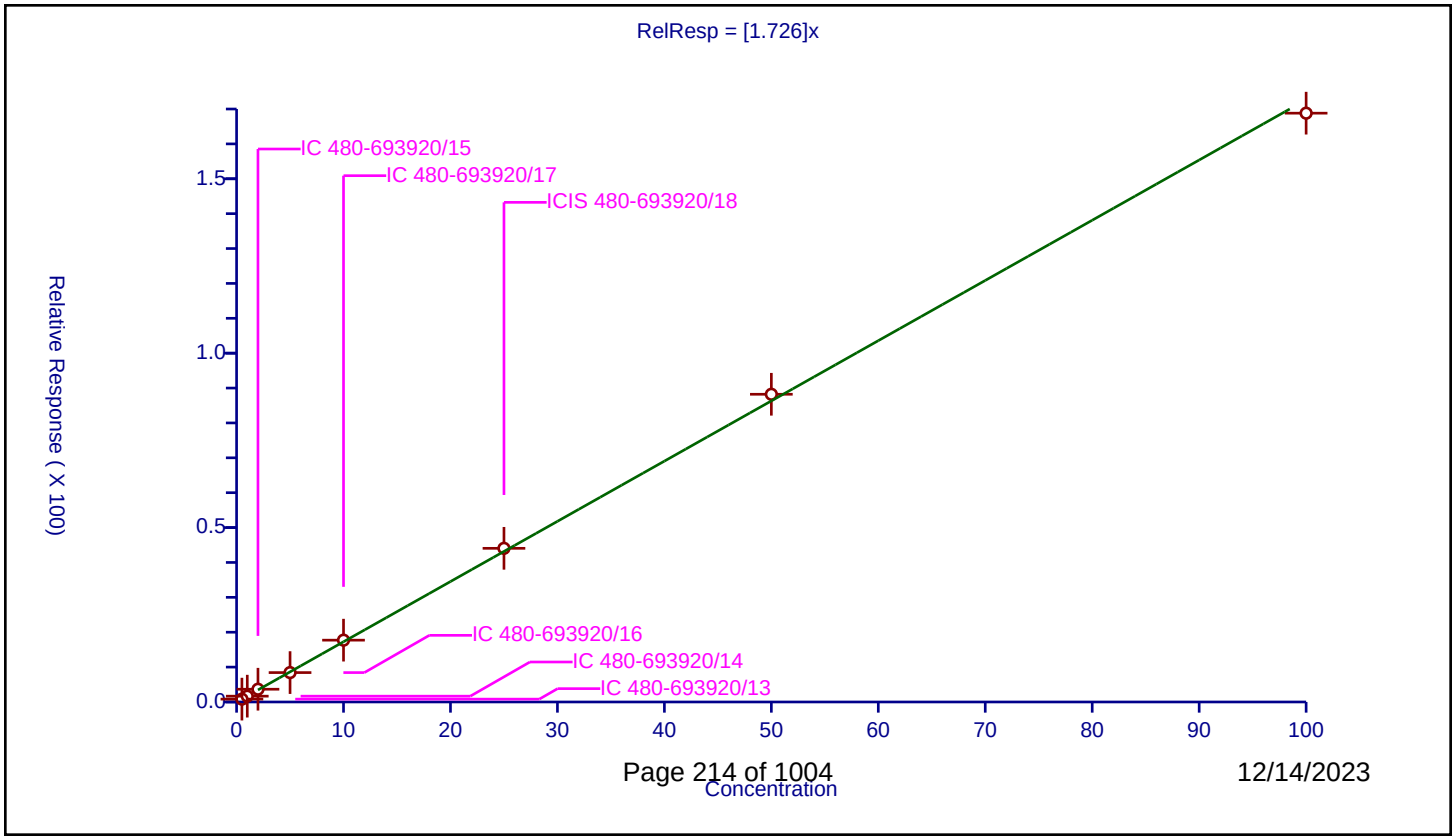
Curve Coefficients

Intercept:	0
Slope:	1.726

Error Coefficients

Standard Error:	692000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.82125	25.0	218417.0	1.6425	Y
2	IC 480-693920/14	1.0	1.666841	25.0	210803.0	1.666841	Y
3	IC 480-693920/15	2.0	3.656459	25.0	204590.0	1.82823	Y
4	IC 480-693920/16	5.0	8.432173	25.0	233795.0	1.686435	Y
5	IC 480-693920/17	10.0	17.72705	25.0	214600.0	1.772705	Y
6	ICIS 480-693920/18	25.0	44.053343	25.0	221490.0	1.762134	Y
7	IC 480-693920/19	50.0	88.220068	25.0	214320.0	1.764401	Y
8	IC 480-693920/20	100.0	168.803822	25.0	238752.0	1.688038	Y



Calibration / Dichlorofluoromethane

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

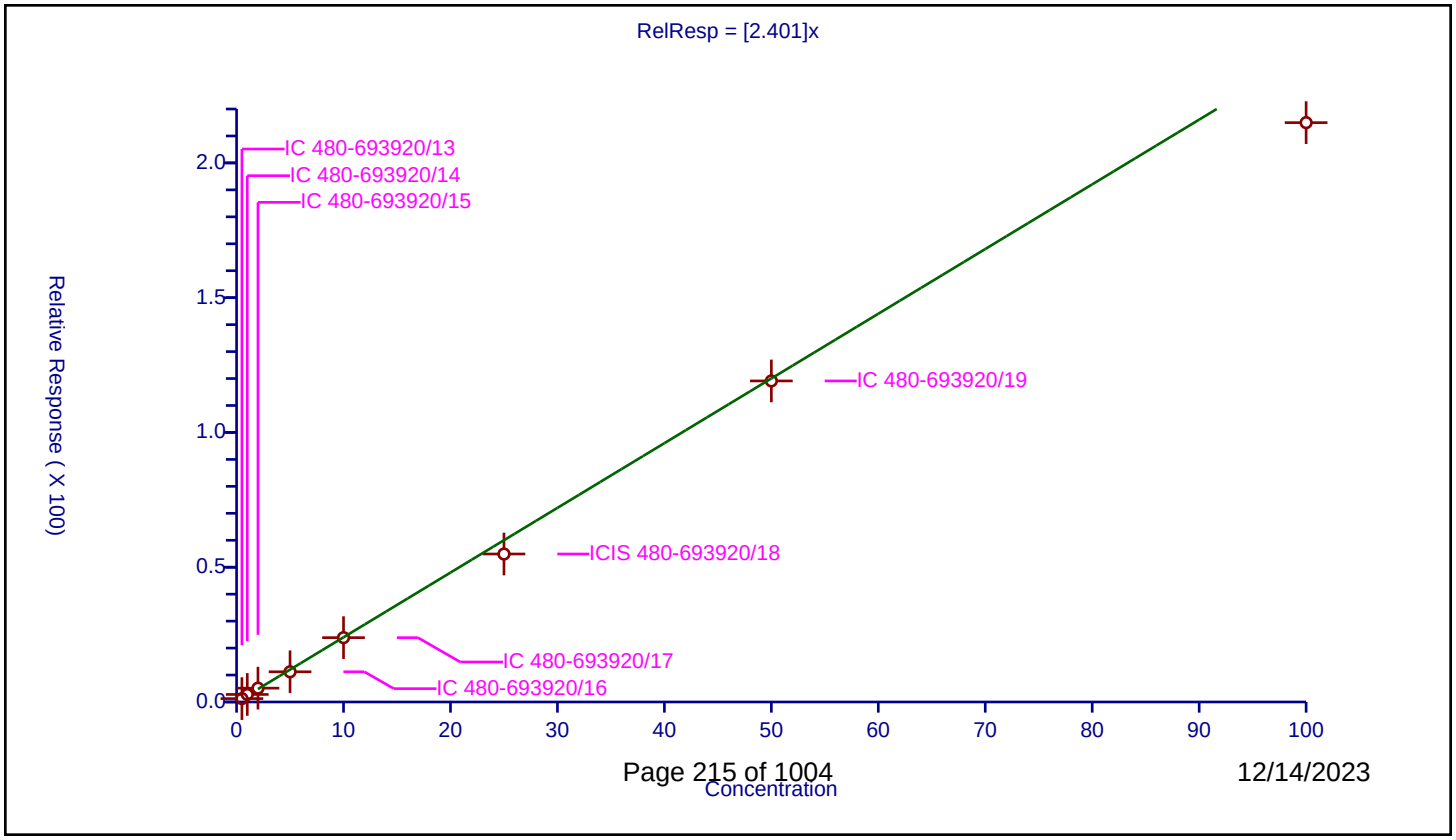
Curve Coefficients

Intercept:	0
Slope:	2.401

Error Coefficients

Standard Error:	890000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.246698	25.0	218417.0	2.493396	Y
2	IC 480-693920/14	1.0	2.792773	25.0	210803.0	2.792773	Y
3	IC 480-693920/15	2.0	5.125128	25.0	204590.0	2.562564	Y
4	IC 480-693920/16	5.0	11.209072	25.0	233795.0	2.241814	Y
5	IC 480-693920/17	10.0	23.868593	25.0	214600.0	2.386859	Y
6	ICIS 480-693920/18	25.0	54.903607	25.0	221490.0	2.196144	Y
7	IC 480-693920/19	50.0	119.111842	25.0	214320.0	2.382237	Y
8	IC 480-693920/20	100.0	214.940294	25.0	238752.0	2.149403	Y



Calibration / Ethyl ether

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

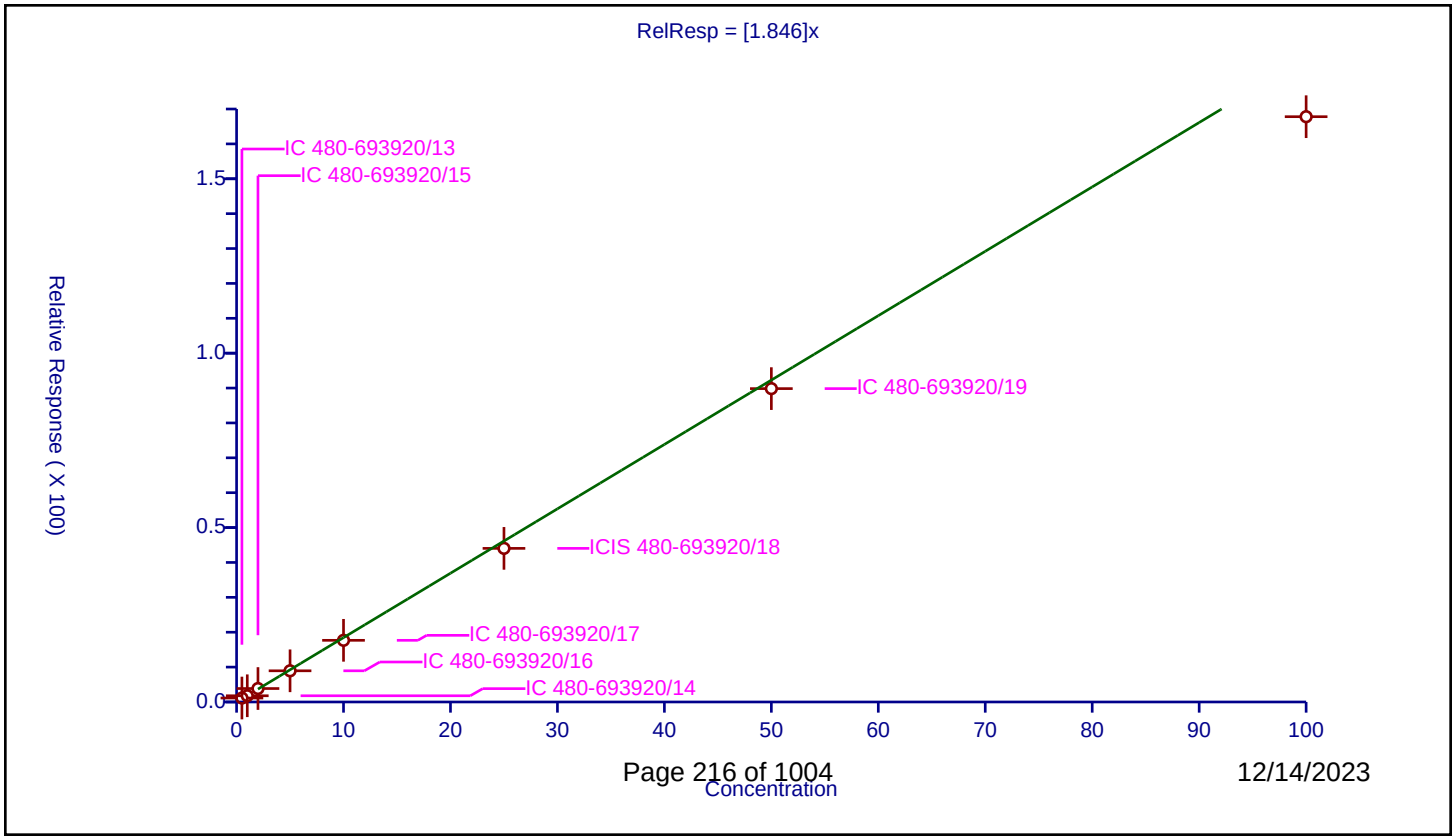
Curve Coefficients

Intercept:	0
Slope:	1.846

Error Coefficients

Standard Error:	691000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.13178	25.0	218417.0	2.26356	Y
2	IC 480-693920/14	1.0	1.78164	25.0	210803.0	1.78164	Y
3	IC 480-693920/15	2.0	3.858815	25.0	204590.0	1.929408	Y
4	IC 480-693920/16	5.0	8.9386	25.0	233795.0	1.78772	Y
5	IC 480-693920/17	10.0	17.675559	25.0	214600.0	1.767556	Y
6	ICIS 480-693920/18	25.0	44.043185	25.0	221490.0	1.761727	Y
7	IC 480-693920/19	50.0	89.840542	25.0	214320.0	1.796811	Y
8	IC 480-693920/20	100.0	167.797443	25.0	238752.0	1.677974	Y



Calibration / Acrolein

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

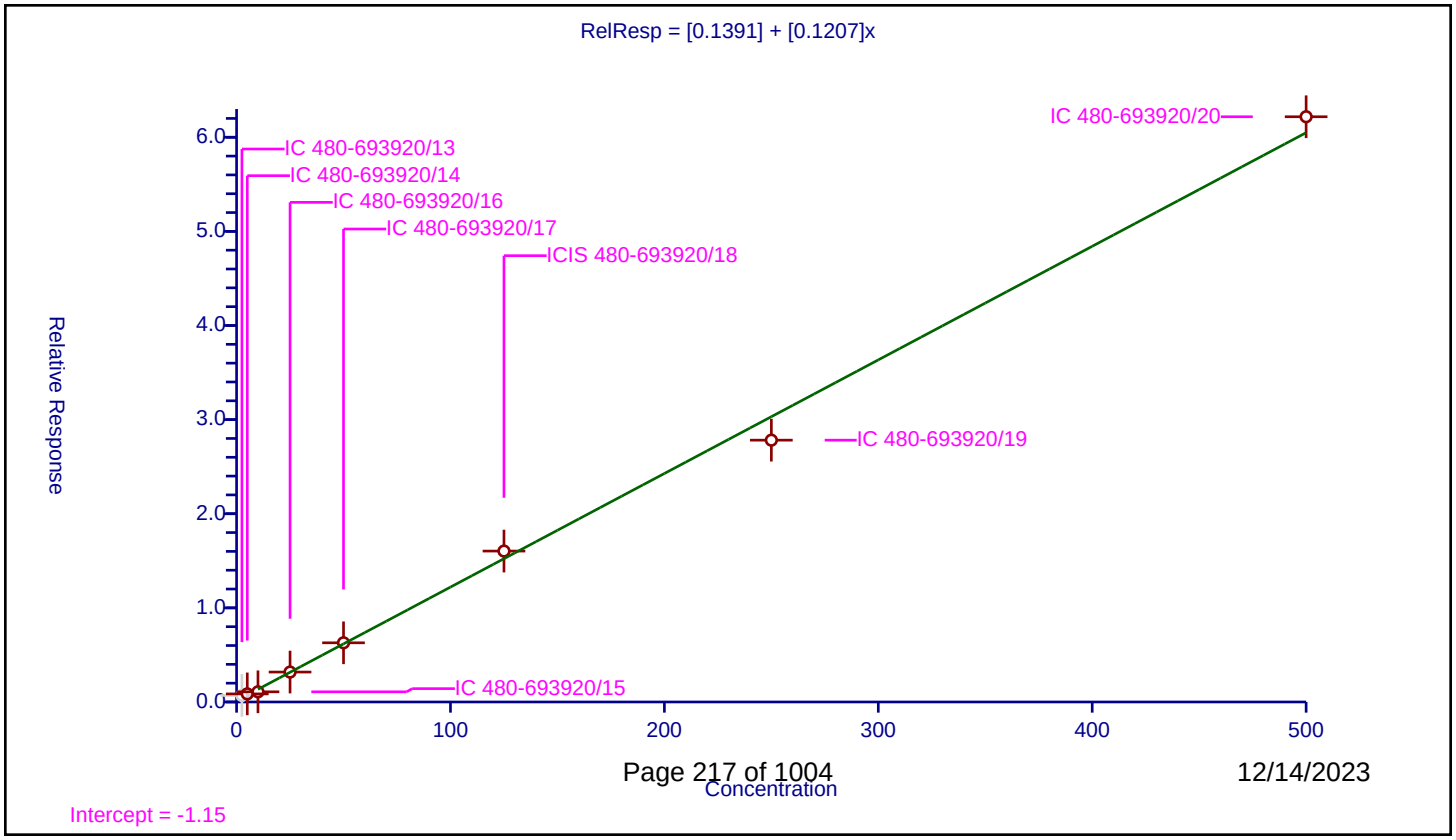
Curve Coefficients

Intercept:	0.1391
Slope:	0.1207

Error Coefficients

Standard Error:	294000
Relative Standard Error:	14.0
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	2.5	0.694543	25.0	218417.0	0.277817	N
2	IC 480-693920/14	5.0	0.860282	25.0	210803.0	0.172056	Y
3	IC 480-693920/15	10.0	1.079598	25.0	204590.0	0.10796	Y
4	IC 480-693920/16	25.0	3.179388	25.0	233795.0	0.127176	Y
5	IC 480-693920/17	50.0	6.28856	25.0	214600.0	0.125771	Y
6	ICIS 480-693920/18	125.0	16.033117	25.0	221490.0	0.128265	Y
7	IC 480-693920/19	250.0	27.817516	25.0	214320.0	0.11127	Y
8	IC 480-693920/20	500.0	62.179584	25.0	238752.0	0.124359	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

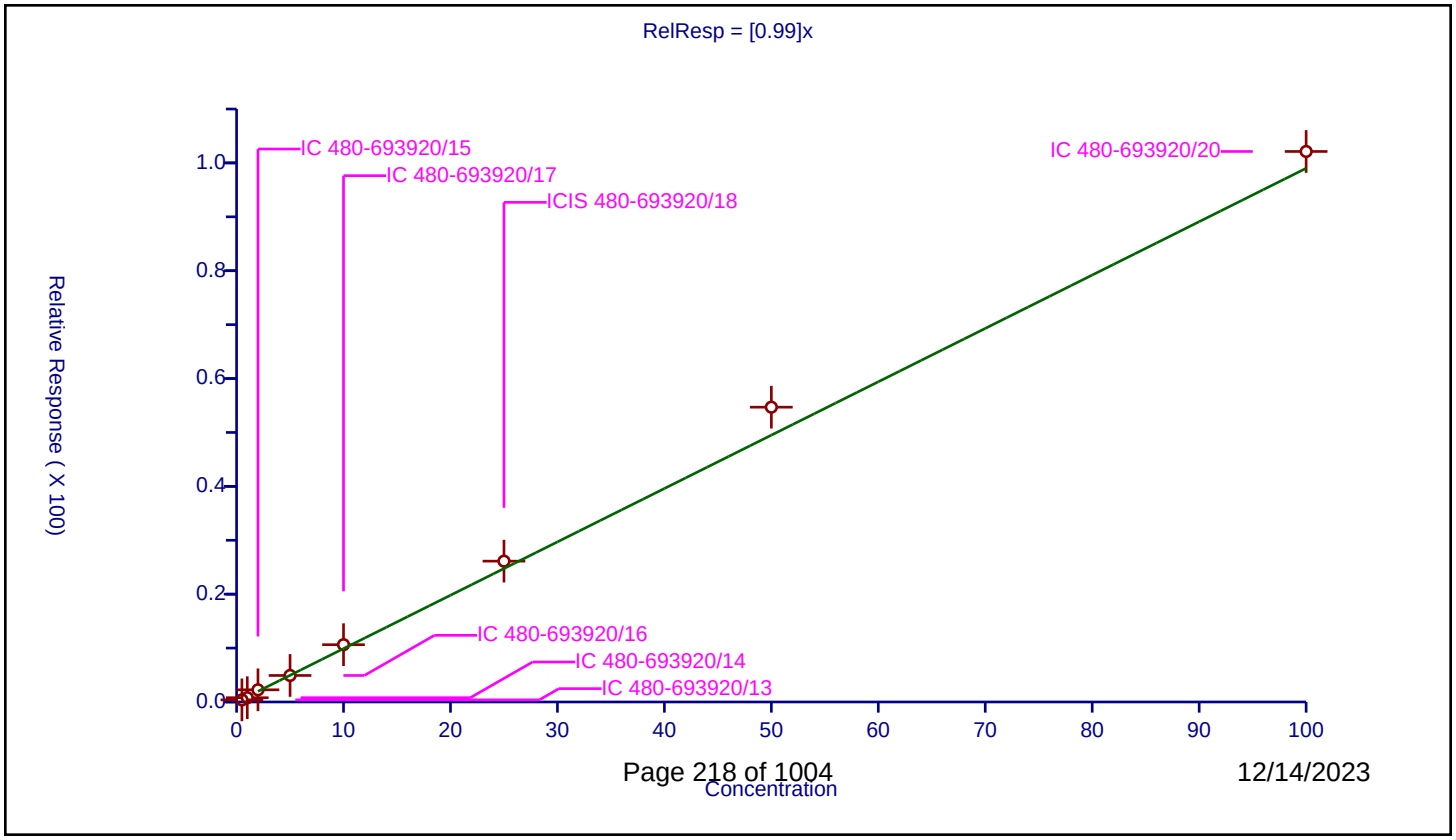
Curve Coefficients

Intercept:	0
Slope:	0.99

Error Coefficients

Standard Error:	420000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.394543	25.0	218417.0	0.789087	Y
2	IC 480-693920/14	1.0	0.794462	25.0	210803.0	0.794462	Y
3	IC 480-693920/15	2.0	2.258297	25.0	204590.0	1.129149	Y
4	IC 480-693920/16	5.0	4.920871	25.0	233795.0	0.984174	Y
5	IC 480-693920/17	10.0	10.629194	25.0	214600.0	1.062919	Y
6	ICIS 480-693920/18	25.0	26.127816	25.0	221490.0	1.045113	Y
7	IC 480-693920/19	50.0	54.690649	25.0	214320.0	1.093813	Y
8	IC 480-693920/20	100.0	102.124171	25.0	238752.0	1.021242	Y



Calibration / 1,1-Dichloroethene

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

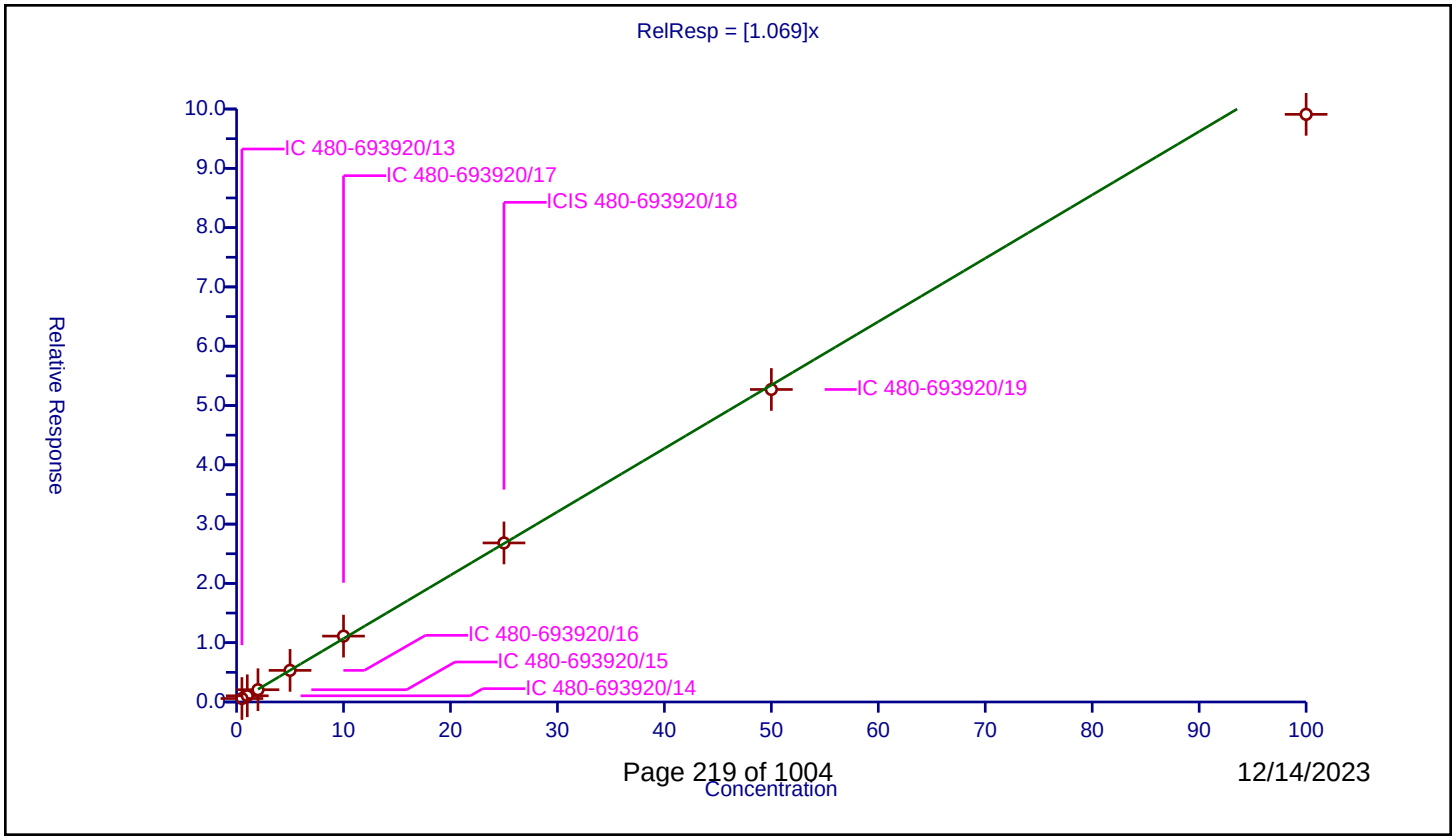
Curve Coefficients

Intercept:	0
Slope:	1.069

Error Coefficients

Standard Error:	408000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.587637	25.0	218417.0	1.175275	Y
2	IC 480-693920/14	1.0	1.04517	25.0	210803.0	1.04517	Y
3	IC 480-693920/15	2.0	2.07146	25.0	204590.0	1.03573	Y
4	IC 480-693920/16	5.0	5.332129	25.0	233795.0	1.066426	Y
5	IC 480-693920/17	10.0	11.107875	25.0	214600.0	1.110788	Y
6	ICIS 480-693920/18	25.0	26.823107	25.0	221490.0	1.072924	Y
7	IC 480-693920/19	50.0	52.704017	25.0	214320.0	1.05408	Y
8	IC 480-693920/20	100.0	99.098542	25.0	238752.0	0.990985	Y



Calibration / Acetone

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

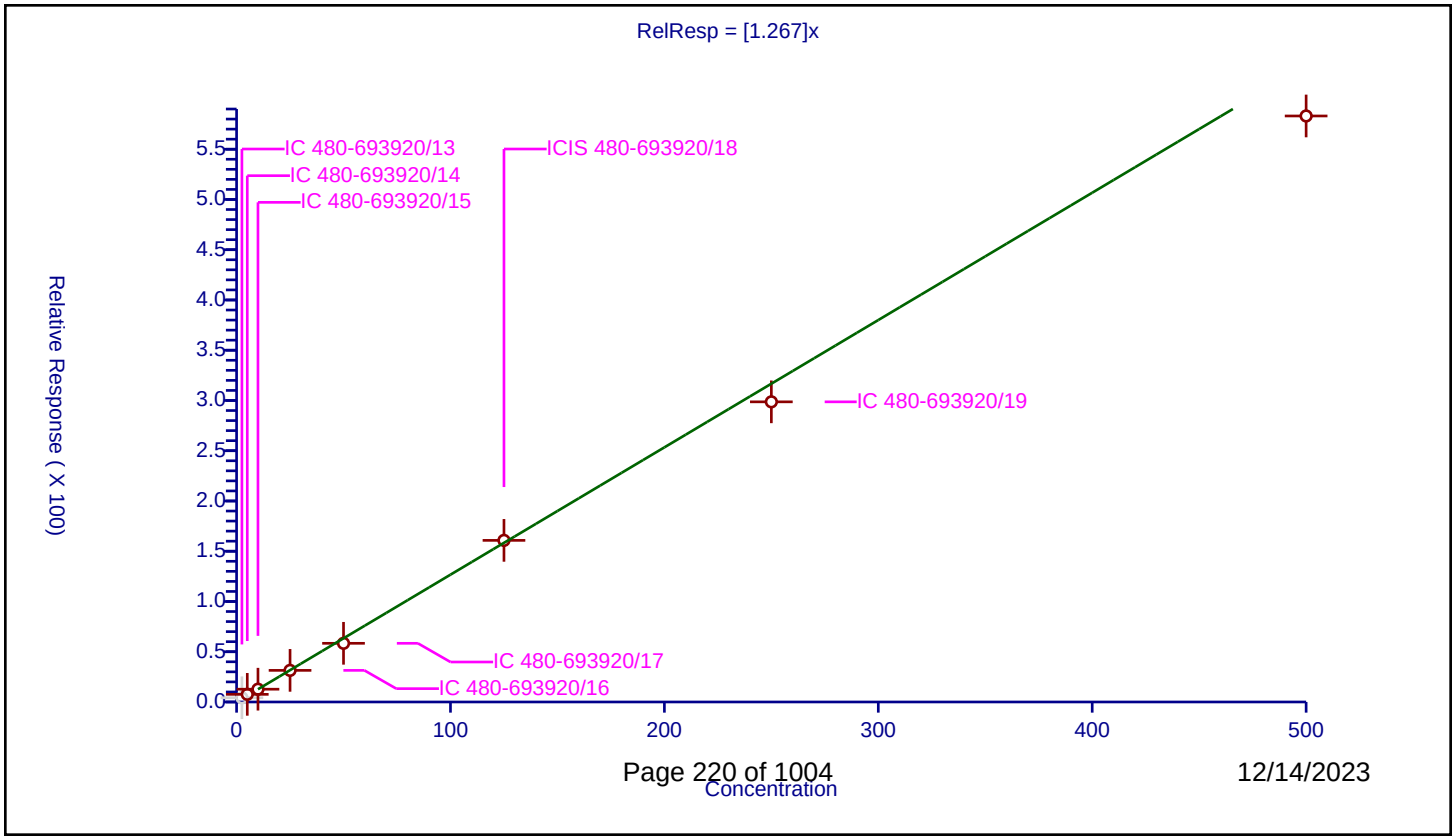
Curve Coefficients

Intercept:	0
Slope:	1.267

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	2.5	4.205373	25.0	218417.0	1.682149	N
2	IC 480-693920/14	5.0	7.608407	25.0	210803.0	1.521681	Y
3	IC 480-693920/15	10.0	12.726062	25.0	204590.0	1.272606	Y
4	IC 480-693920/16	25.0	31.45063	25.0	233795.0	1.258025	Y
5	IC 480-693920/17	50.0	58.389445	25.0	214600.0	1.167789	Y
6	ICIS 480-693920/18	125.0	160.792135	25.0	221490.0	1.286337	Y
7	IC 480-693920/19	250.0	298.649449	25.0	214320.0	1.194598	Y
8	IC 480-693920/20	500.0	583.083388	25.0	238752.0	1.166167	Y



Calibration / Iodomethane

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

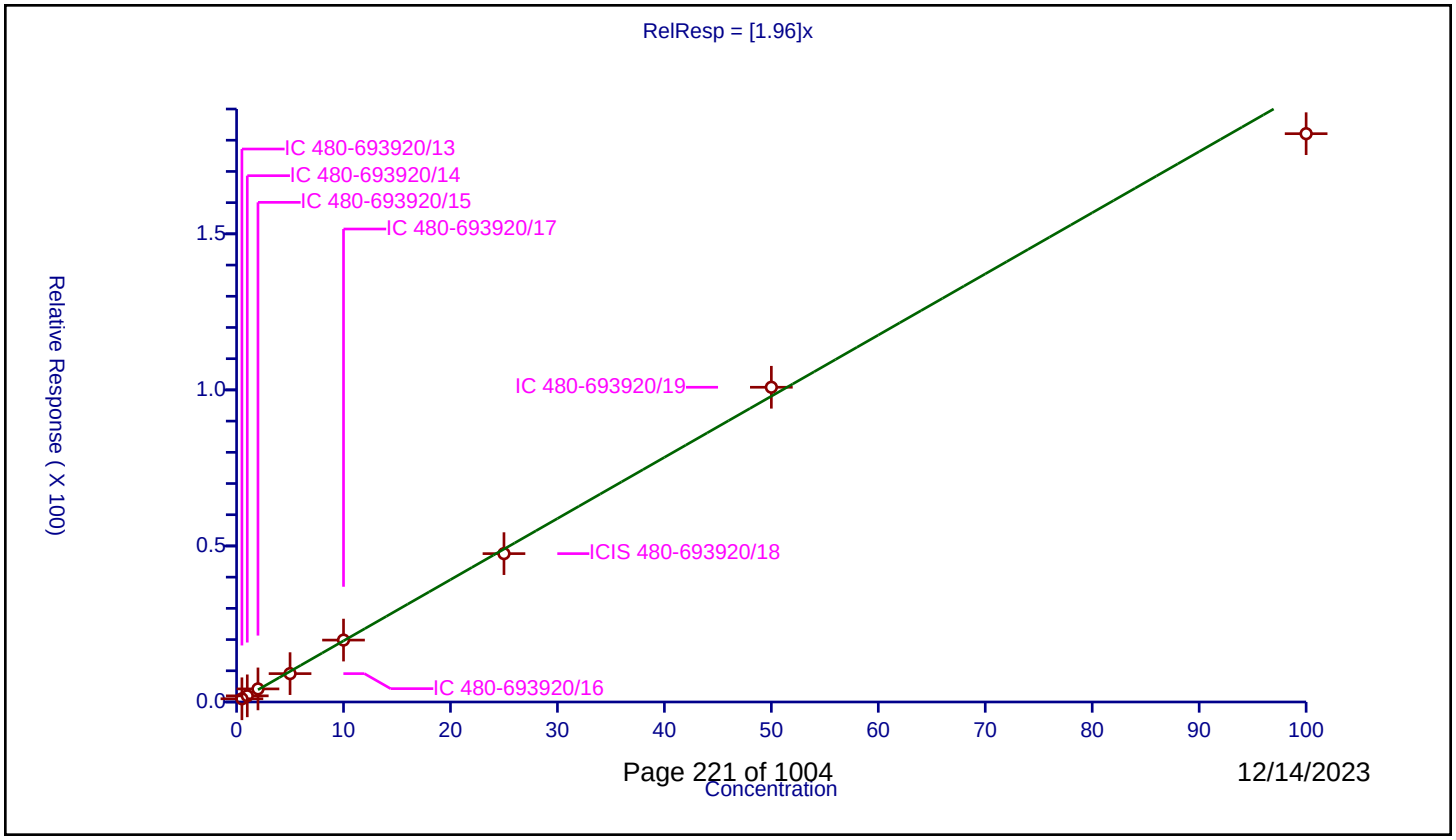
Curve Coefficients

Intercept:	0
Slope:	1.96

Error Coefficients

Standard Error:	755000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.032658	25.0	218417.0	2.065315	Y
2	IC 480-693920/14	1.0	1.973169	25.0	210803.0	1.973169	Y
3	IC 480-693920/15	2.0	4.192531	25.0	204590.0	2.096266	Y
4	IC 480-693920/16	5.0	9.091084	25.0	233795.0	1.818217	Y
5	IC 480-693920/17	10.0	19.838187	25.0	214600.0	1.983819	Y
6	ICIS 480-693920/18	25.0	47.534087	25.0	221490.0	1.901363	Y
7	IC 480-693920/19	50.0	100.844182	25.0	214320.0	2.016884	Y
8	IC 480-693920/20	100.0	182.100464	25.0	238752.0	1.821005	Y



Calibration / Carbon disulfide

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

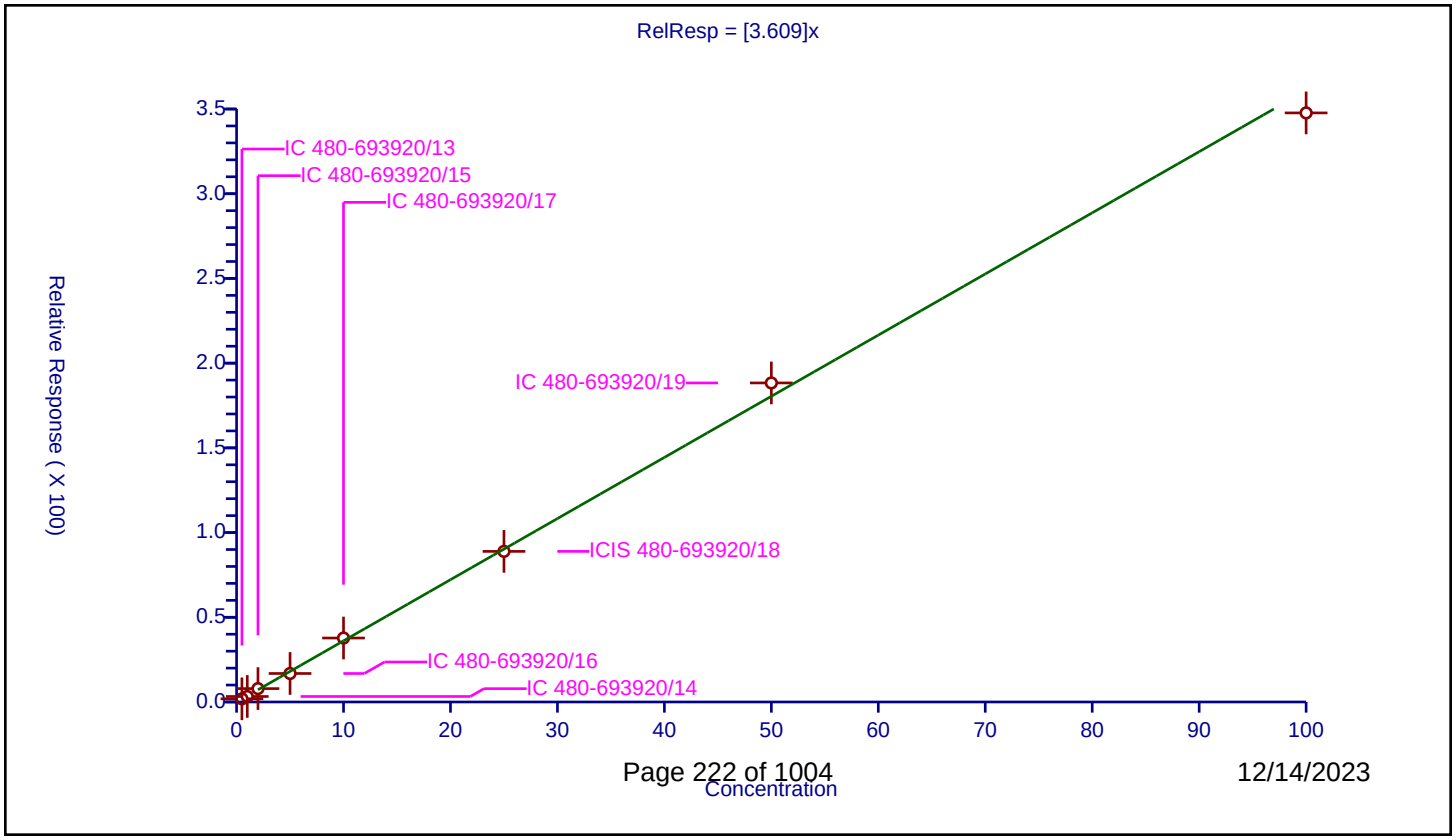
Curve Coefficients

Intercept:	0
Slope:	3.609

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.86833	25.0	218417.0	3.73666	Y
2	IC 480-693920/14	1.0	3.250547	25.0	210803.0	3.250547	Y
3	IC 480-693920/15	2.0	7.896647	25.0	204590.0	3.948323	Y
4	IC 480-693920/16	5.0	16.819757	25.0	233795.0	3.363951	Y
5	IC 480-693920/17	10.0	37.747903	25.0	214600.0	3.77479	Y
6	ICIS 480-693920/18	25.0	88.889002	25.0	221490.0	3.55556	Y
7	IC 480-693920/19	50.0	188.319686	25.0	214320.0	3.766394	Y
8	IC 480-693920/20	100.0	347.698553	25.0	238752.0	3.476986	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

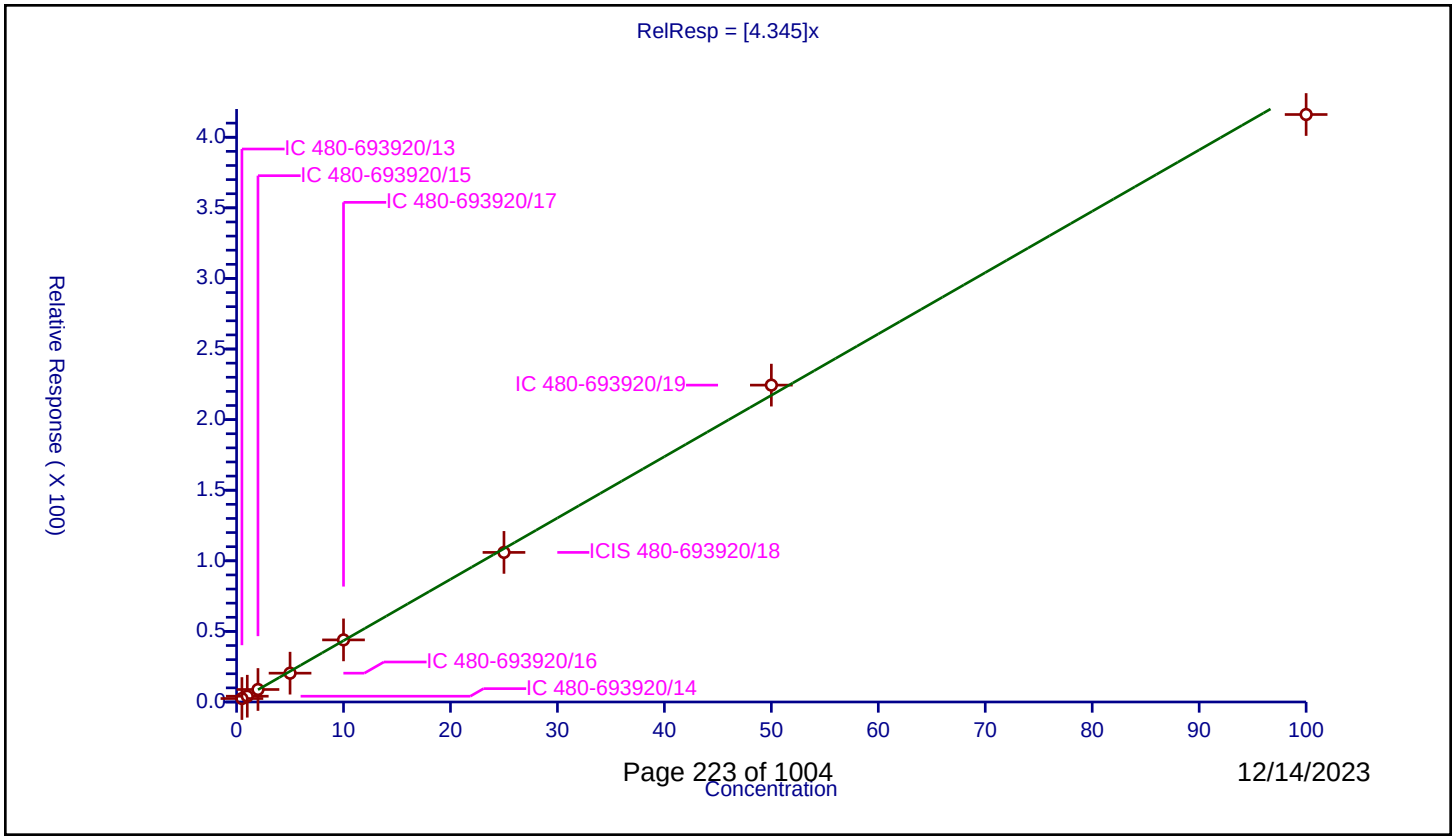
Curve Coefficients

Intercept:	0
Slope:	4.345

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	2.438455	25.0	218417.0	4.87691	Y
2	IC 480-693920/14	1.0	4.086754	25.0	210803.0	4.086754	Y
3	IC 480-693920/15	2.0	8.848429	25.0	204590.0	4.424214	Y
4	IC 480-693920/16	5.0	20.415856	25.0	233795.0	4.083171	Y
5	IC 480-693920/17	10.0	43.974953	25.0	214600.0	4.397495	Y
6	ICIS 480-693920/18	25.0	105.947221	25.0	221490.0	4.237889	Y
7	IC 480-693920/19	50.0	224.438806	25.0	214320.0	4.488776	Y
8	IC 480-693920/20	100.0	416.113896	25.0	238752.0	4.161139	Y



Calibration / Methyl acetate

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

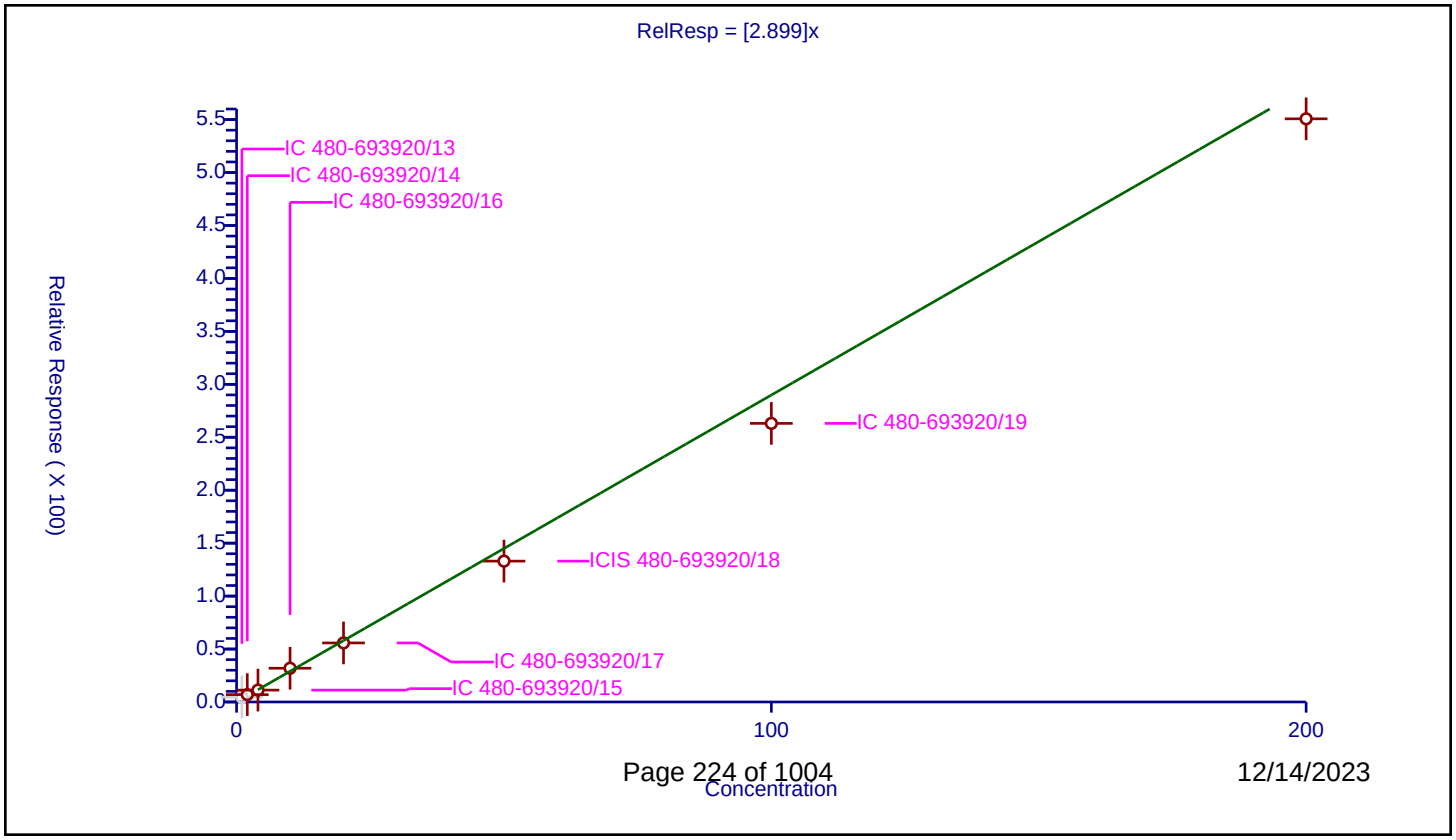
Curve Coefficients

Intercept:	0
Slope:	2.899

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	10.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	1.0	4.566494	25.0	218417.0	4.566494	N
2	IC 480-693920/14	2.0	6.931946	25.0	210803.0	3.465973	Y
3	IC 480-693920/15	4.0	11.212914	25.0	204590.0	2.803228	Y
4	IC 480-693920/16	10.0	31.874078	25.0	233795.0	3.187408	Y
5	IC 480-693920/17	20.0	55.778425	25.0	214600.0	2.788921	Y
6	ICIS 480-693920/18	50.0	133.032417	25.0	221490.0	2.660648	Y
7	IC 480-693920/19	100.0	263.111702	25.0	214320.0	2.631117	Y
8	IC 480-693920/20	200.0	550.736434	25.0	238752.0	2.753682	Y



Calibration / Methylene Chloride

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

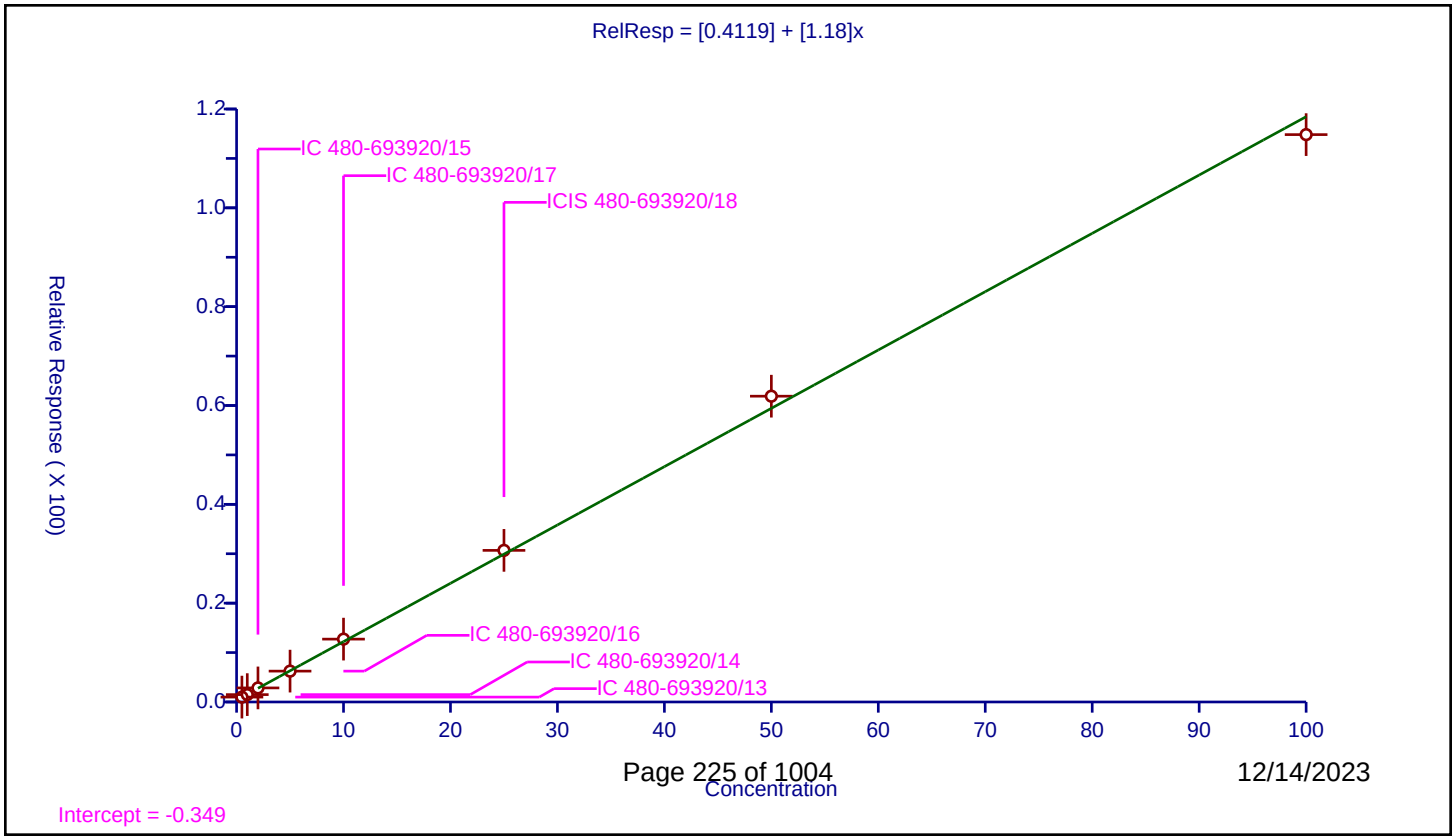
Curve Coefficients

Intercept:	0.4119
Slope:	1.18

Error Coefficients

Standard Error:	512000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.992253	25.0	218417.0	1.984507	Y
2	IC 480-693920/14	1.0	1.494761	25.0	210803.0	1.494761	Y
3	IC 480-693920/15	2.0	2.84508	25.0	204590.0	1.42254	Y
4	IC 480-693920/16	5.0	6.246926	25.0	233795.0	1.249385	Y
5	IC 480-693920/17	10.0	12.721575	25.0	214600.0	1.272158	Y
6	ICIS 480-693920/18	25.0	30.682762	25.0	221490.0	1.22731	Y
7	IC 480-693920/19	50.0	61.883749	25.0	214320.0	1.237675	Y
8	IC 480-693920/20	100.0	114.820085	25.0	238752.0	1.148201	Y



12/14/2023

Calibration / 2-Methyl-2-propanol

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

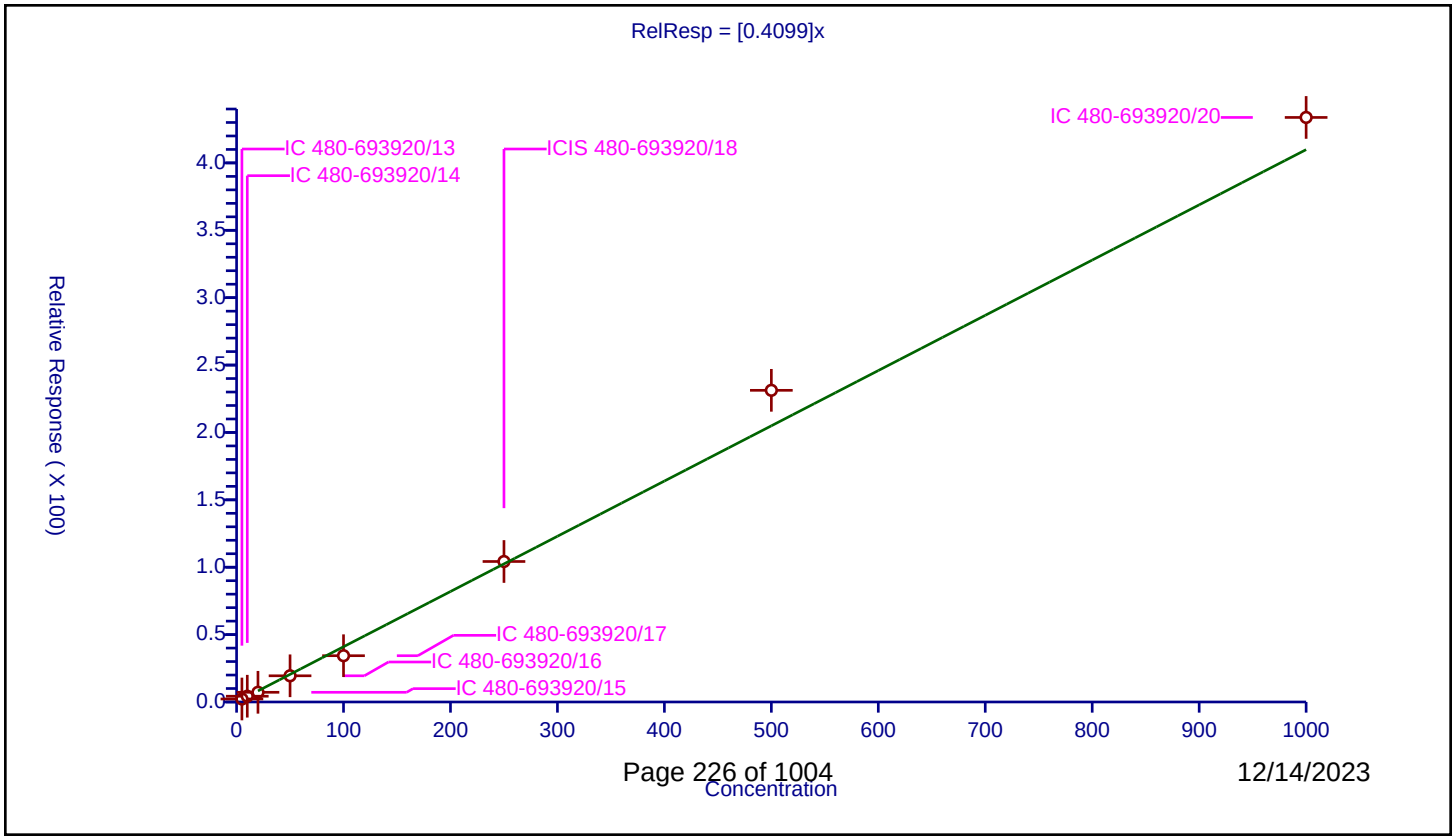
Curve Coefficients

Intercept:	0
Slope:	0.4099

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	5.0	2.232313	25.0	218417.0	0.446463	Y
2	IC 480-693920/14	10.0	4.277809	25.0	210803.0	0.427781	Y
3	IC 480-693920/15	20.0	7.189257	25.0	204590.0	0.359463	Y
4	IC 480-693920/16	50.0	19.433371	25.0	233795.0	0.388667	Y
5	IC 480-693920/17	100.0	34.335391	25.0	214600.0	0.343354	Y
6	ICIS 480-693920/18	250.0	104.246919	25.0	221490.0	0.416988	Y
7	IC 480-693920/19	500.0	231.254549	25.0	214320.0	0.462509	Y
8	IC 480-693920/20	1000.0	433.754586	25.0	238752.0	0.433755	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

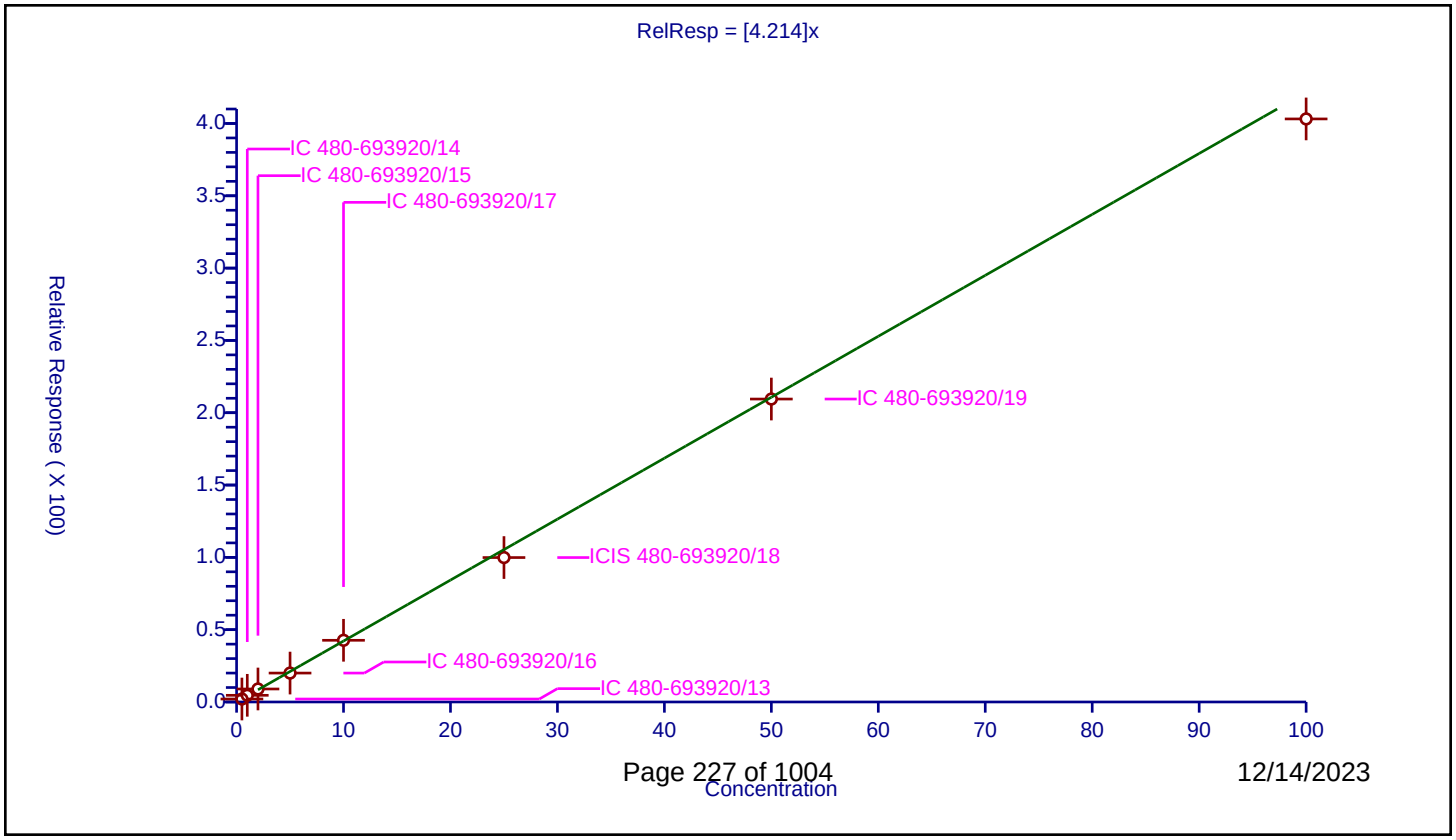
Curve Coefficients

Intercept:	0
Slope:	4.214

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	2.059821	25.0	218417.0	4.119643	Y
2	IC 480-693920/14	1.0	4.616395	25.0	210803.0	4.616395	Y
3	IC 480-693920/15	2.0	8.992375	25.0	204590.0	4.496187	Y
4	IC 480-693920/16	5.0	19.998717	25.0	233795.0	3.999743	Y
5	IC 480-693920/17	10.0	42.649814	25.0	214600.0	4.264981	Y
6	ICIS 480-693920/18	25.0	99.873922	25.0	221490.0	3.994957	Y
7	IC 480-693920/19	50.0	209.470651	25.0	214320.0	4.189413	Y
8	IC 480-693920/20	100.0	403.148036	25.0	238752.0	4.03148	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

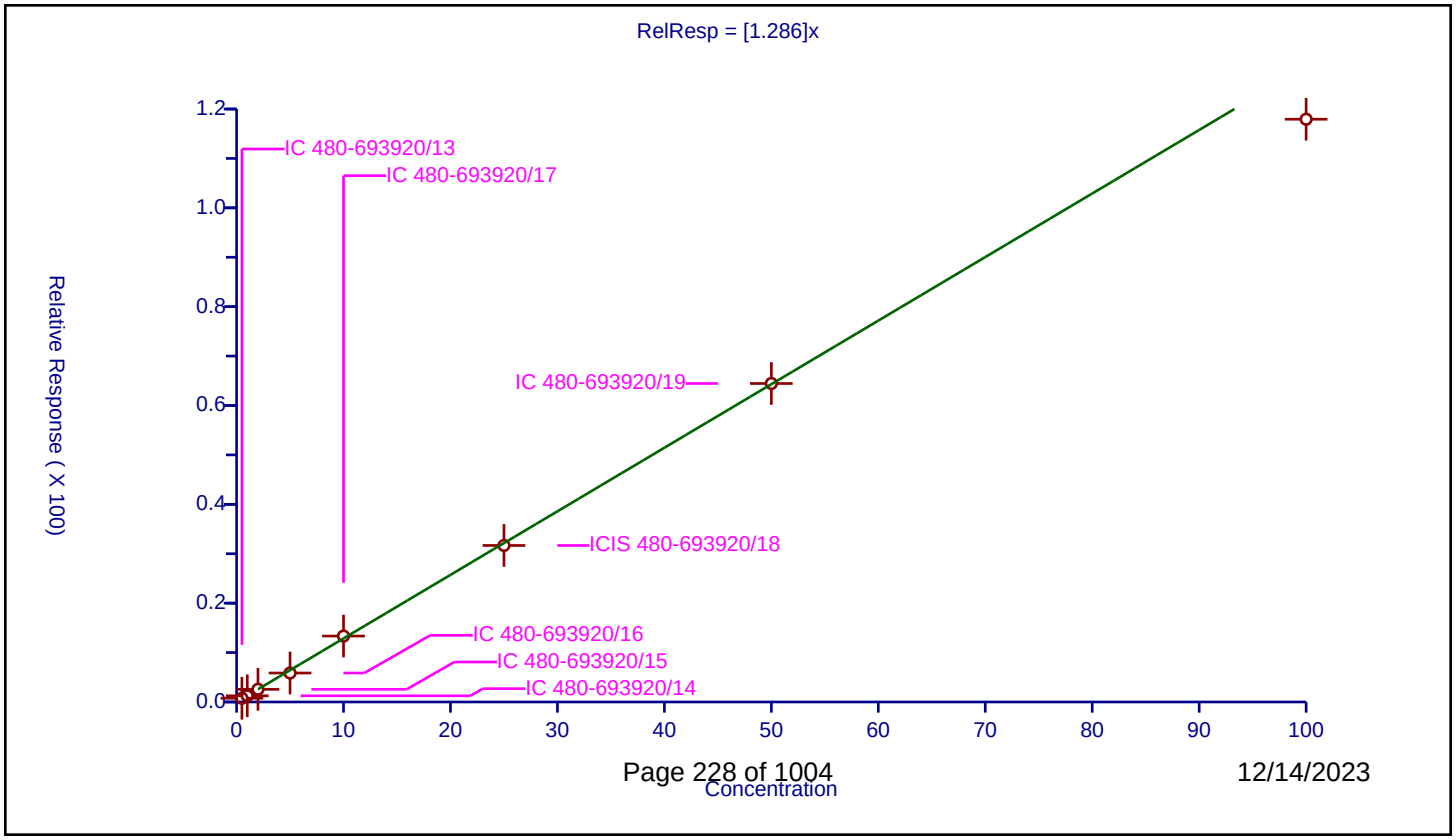
Curve Coefficients

Intercept:	0
Slope:	1.286

Error Coefficients

Standard Error:	488000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.758526	25.0	218417.0	1.517052	Y
2	IC 480-693920/14	1.0	1.247729	25.0	210803.0	1.247729	Y
3	IC 480-693920/15	2.0	2.565375	25.0	204590.0	1.282687	Y
4	IC 480-693920/16	5.0	5.863577	25.0	233795.0	1.172715	Y
5	IC 480-693920/17	10.0	13.340983	25.0	214600.0	1.334098	Y
6	ICIS 480-693920/18	25.0	31.675696	25.0	221490.0	1.267028	Y
7	IC 480-693920/19	50.0	64.455137	25.0	214320.0	1.289103	Y
8	IC 480-693920/20	100.0	117.931159	25.0	238752.0	1.179312	Y



Calibration / Acrylonitrile

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

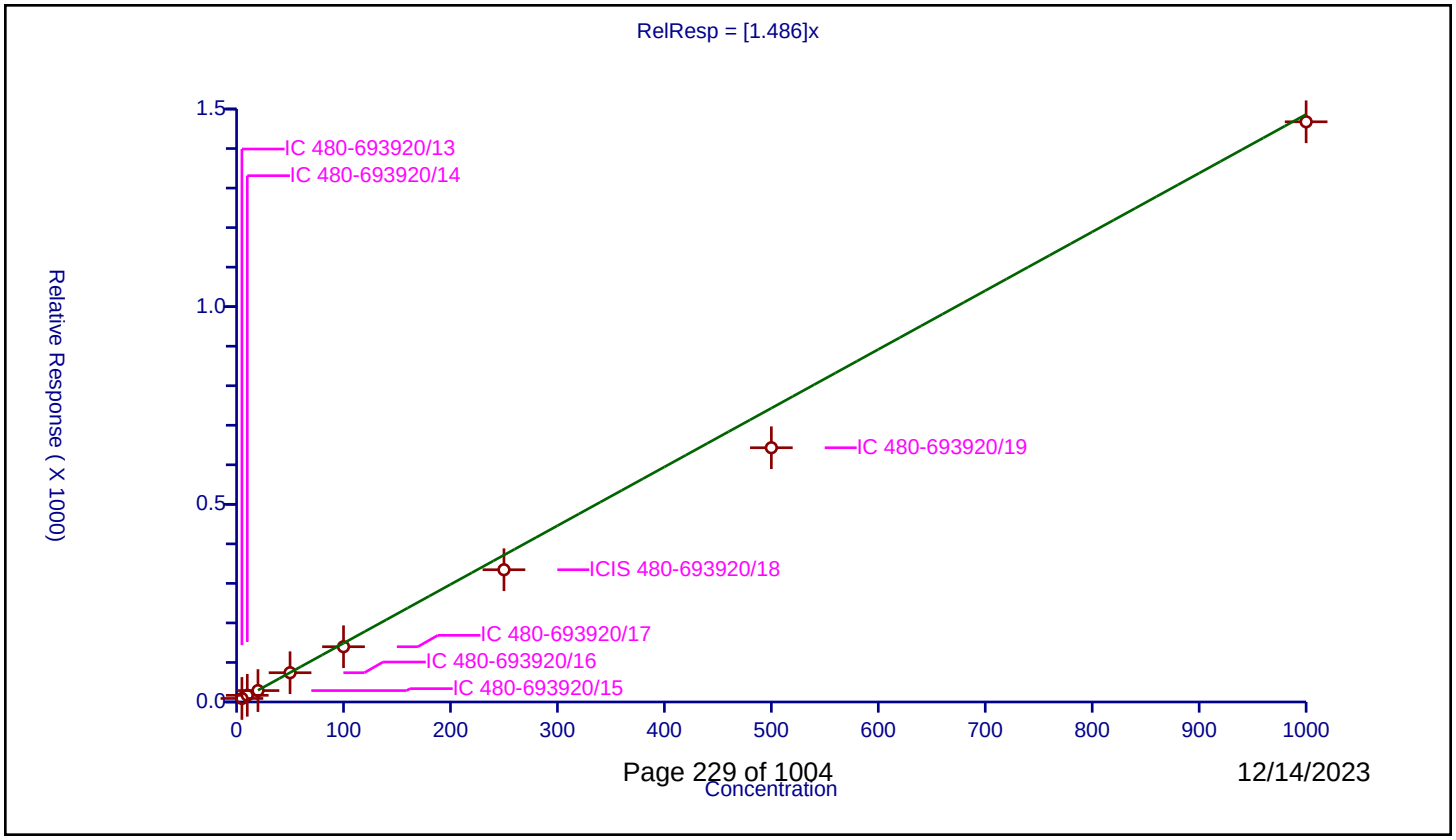
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	5830000
Relative Standard Error:	11.5
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	5.0	8.955461	25.0	218417.0	1.791092	Y
2	IC 480-693920/14	10.0	16.864561	25.0	210803.0	1.686456	Y
3	IC 480-693920/15	20.0	28.848795	25.0	204590.0	1.44244	Y
4	IC 480-693920/16	50.0	74.064779	25.0	233795.0	1.481296	Y
5	IC 480-693920/17	100.0	139.797647	25.0	214600.0	1.397976	Y
6	ICIS 480-693920/18	250.0	334.548174	25.0	221490.0	1.338193	Y
7	IC 480-693920/19	500.0	643.177608	25.0	214320.0	1.286355	Y
8	IC 480-693920/20	1000.0	1467.655978	25.0	238752.0	1.467656	Y



Calibration / Hexane

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

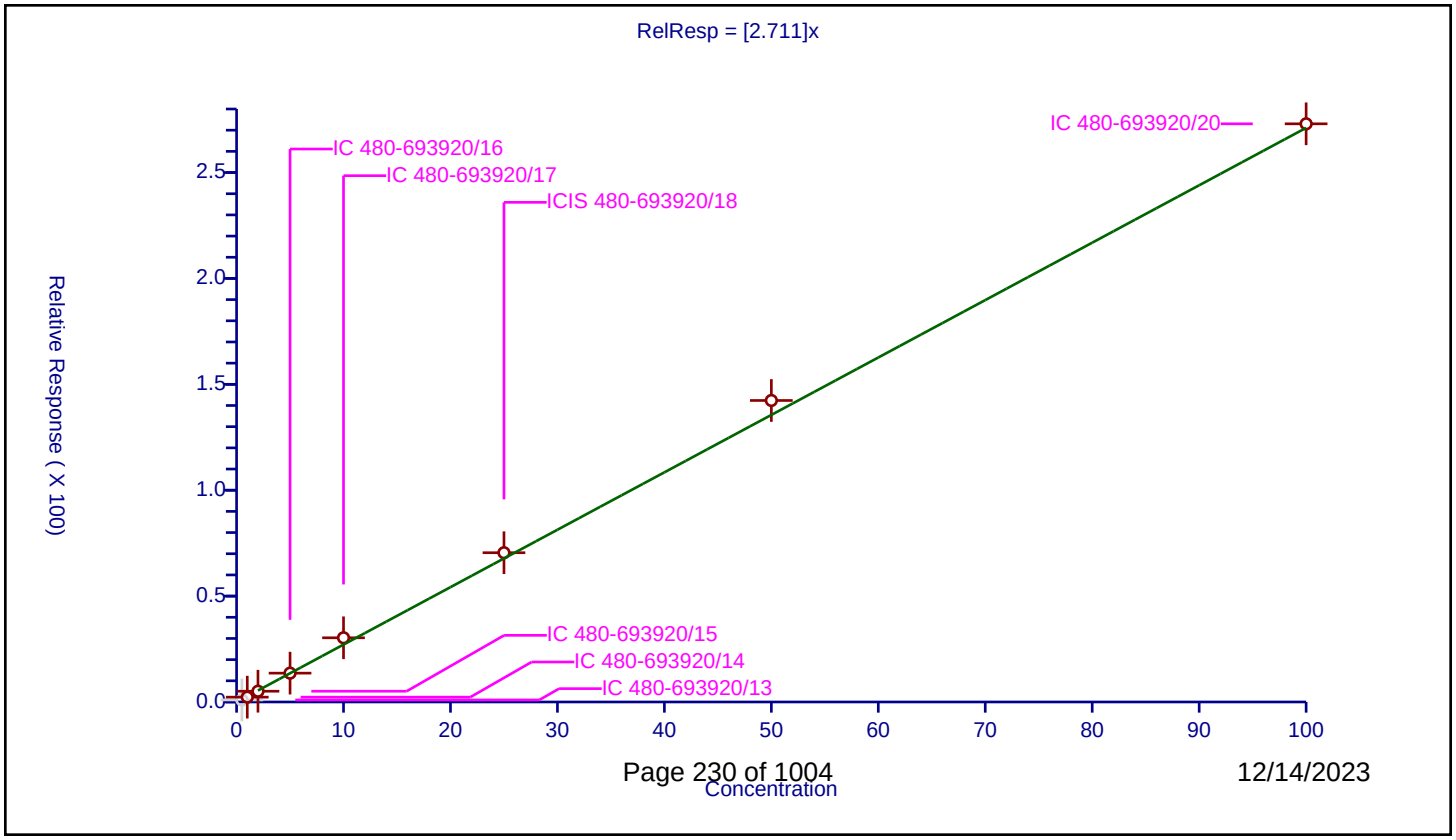
Curve Coefficients

Intercept:	0
Slope:	2.711

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.960662	25.0	218417.0	1.921325	N
2	IC 480-693920/14	1.0	2.286021	25.0	210803.0	2.286021	Y
3	IC 480-693920/15	2.0	5.07735	25.0	204590.0	2.538675	Y
4	IC 480-693920/16	5.0	13.616523	25.0	233795.0	2.723305	Y
5	IC 480-693920/17	10.0	30.320829	25.0	214600.0	3.032083	Y
6	ICIS 480-693920/18	25.0	70.48851	25.0	221490.0	2.81954	Y
7	IC 480-693920/19	50.0	142.375187	25.0	214320.0	2.847504	Y
8	IC 480-693920/20	100.0	273.007137	25.0	238752.0	2.730071	Y



Calibration / 1,1-Dichloroethane

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

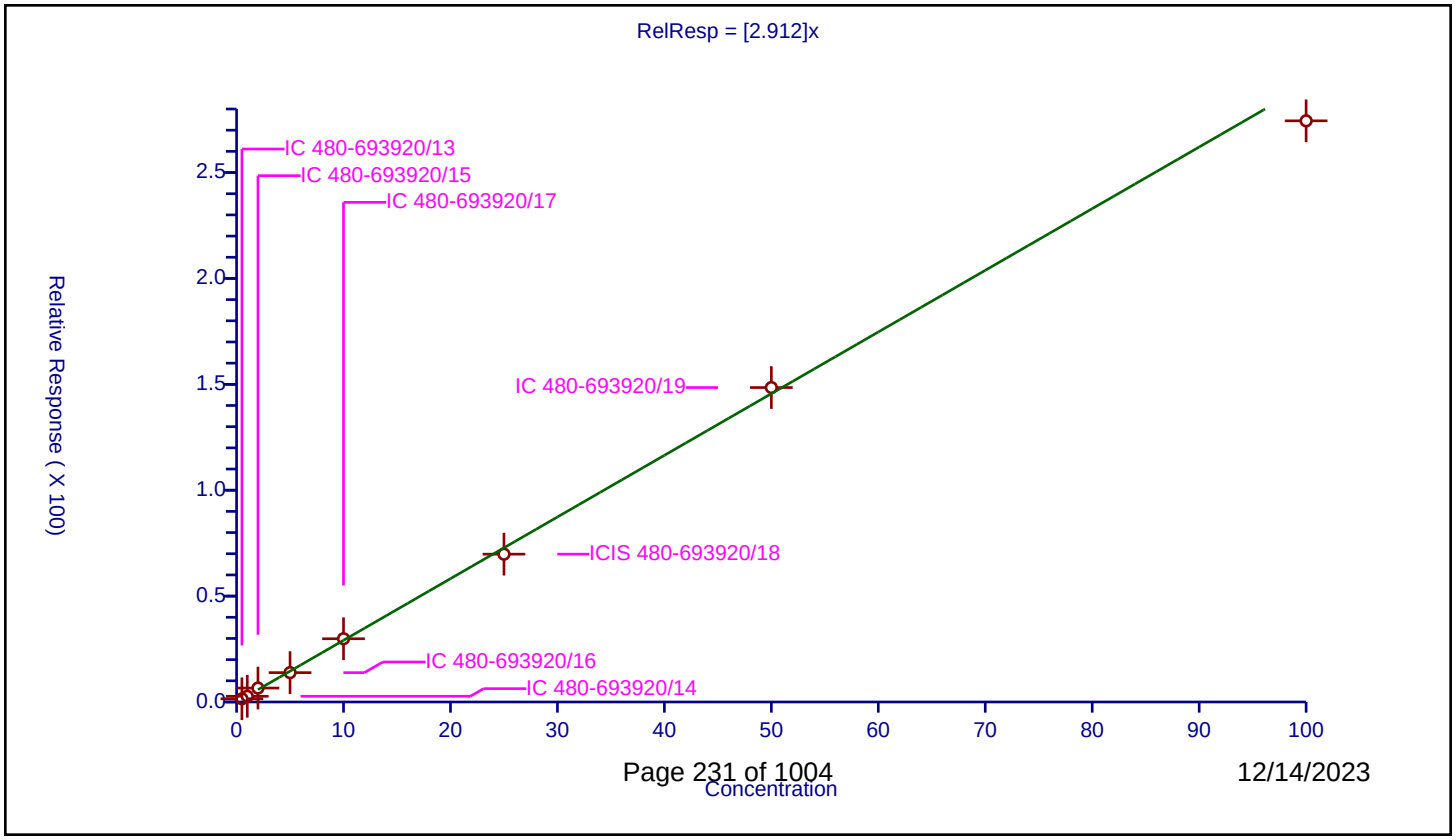
Curve Coefficients

Intercept:	0
Slope:	2.912

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.518426	25.0	218417.0	3.036852	Y
2	IC 480-693920/14	1.0	2.701337	25.0	210803.0	2.701337	Y
3	IC 480-693920/15	2.0	6.584022	25.0	204590.0	3.292011	Y
4	IC 480-693920/16	5.0	13.860006	25.0	233795.0	2.772001	Y
5	IC 480-693920/17	10.0	29.863001	25.0	214600.0	2.9863	Y
6	ICIS 480-693920/18	25.0	69.799314	25.0	221490.0	2.791973	Y
7	IC 480-693920/19	50.0	148.473311	25.0	214320.0	2.969466	Y
8	IC 480-693920/20	100.0	274.420005	25.0	238752.0	2.7442	Y



Calibration / Vinyl acetate

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

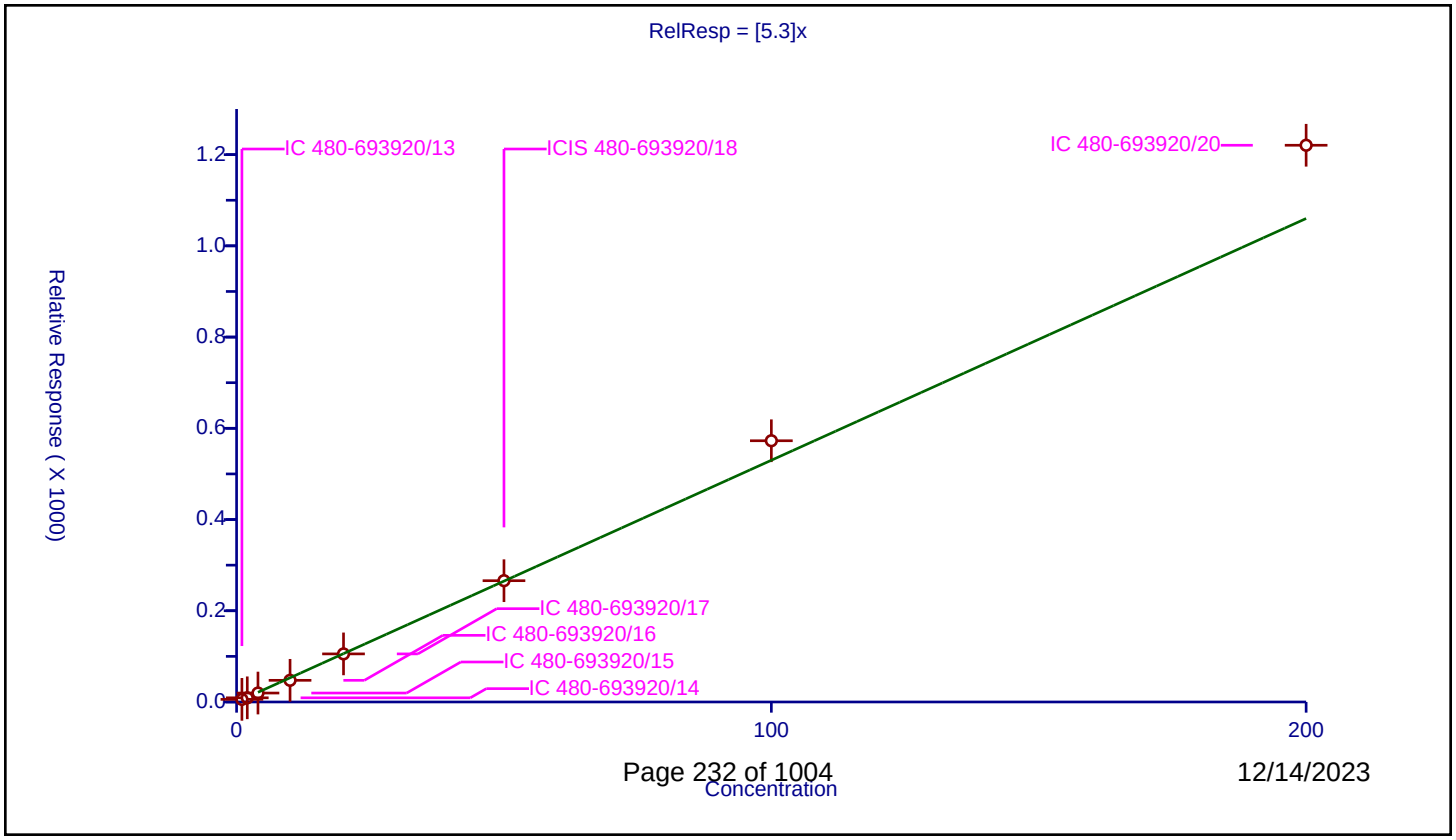
Curve Coefficients

Intercept:	0
Slope:	5.3

Error Coefficients

Standard Error:	4880000
Relative Standard Error:	10.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	1.0	5.75539	25.0	218417.0	5.75539	Y
2	IC 480-693920/14	2.0	9.131037	25.0	210803.0	4.565519	Y
3	IC 480-693920/15	4.0	19.619483	25.0	204590.0	4.904871	Y
4	IC 480-693920/16	10.0	47.518232	25.0	233795.0	4.751823	Y
5	IC 480-693920/17	20.0	105.426608	25.0	214600.0	5.27133	Y
6	ICIS 480-693920/18	50.0	265.929049	25.0	221490.0	5.318581	Y
7	IC 480-693920/19	100.0	572.742511	25.0	214320.0	5.727425	Y
8	IC 480-693920/20	200.0	1220.531975	25.0	238752.0	6.10266	Y



Calibration / 2,2-Dichloropropane

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

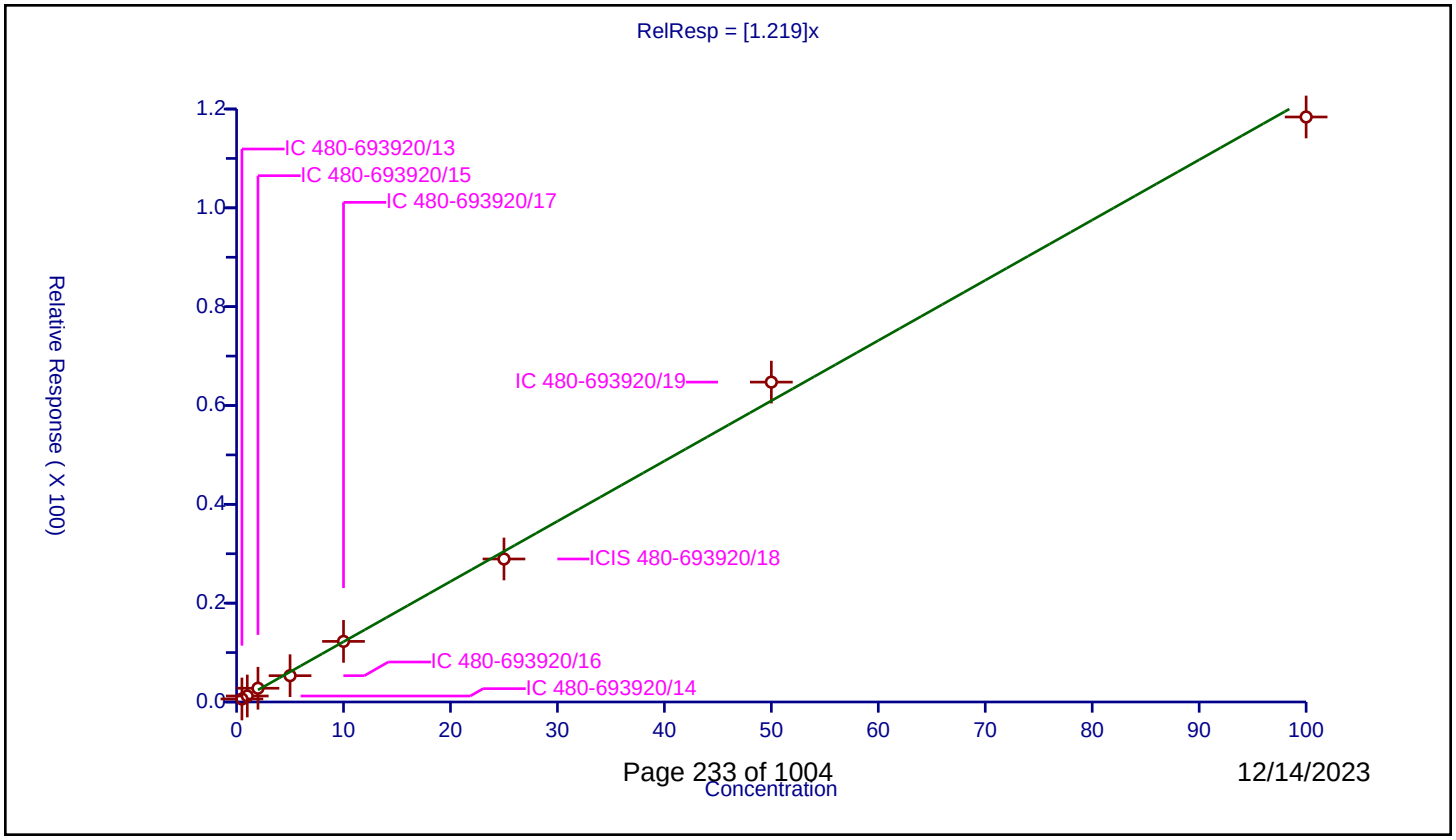
Curve Coefficients

Intercept:	0
Slope:	1.219

Error Coefficients

Standard Error:	488000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.609843	25.0	218417.0	1.219685	Y
2	IC 480-693920/14	1.0	1.213692	25.0	210803.0	1.213692	Y
3	IC 480-693920/15	2.0	2.783616	25.0	204590.0	1.391808	Y
4	IC 480-693920/16	5.0	5.325606	25.0	233795.0	1.065121	Y
5	IC 480-693920/17	10.0	12.266193	25.0	214600.0	1.226619	Y
6	ICIS 480-693920/18	25.0	28.936747	25.0	221490.0	1.15747	Y
7	IC 480-693920/19	50.0	64.733459	25.0	214320.0	1.294669	Y
8	IC 480-693920/20	100.0	118.388223	25.0	238752.0	1.183882	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

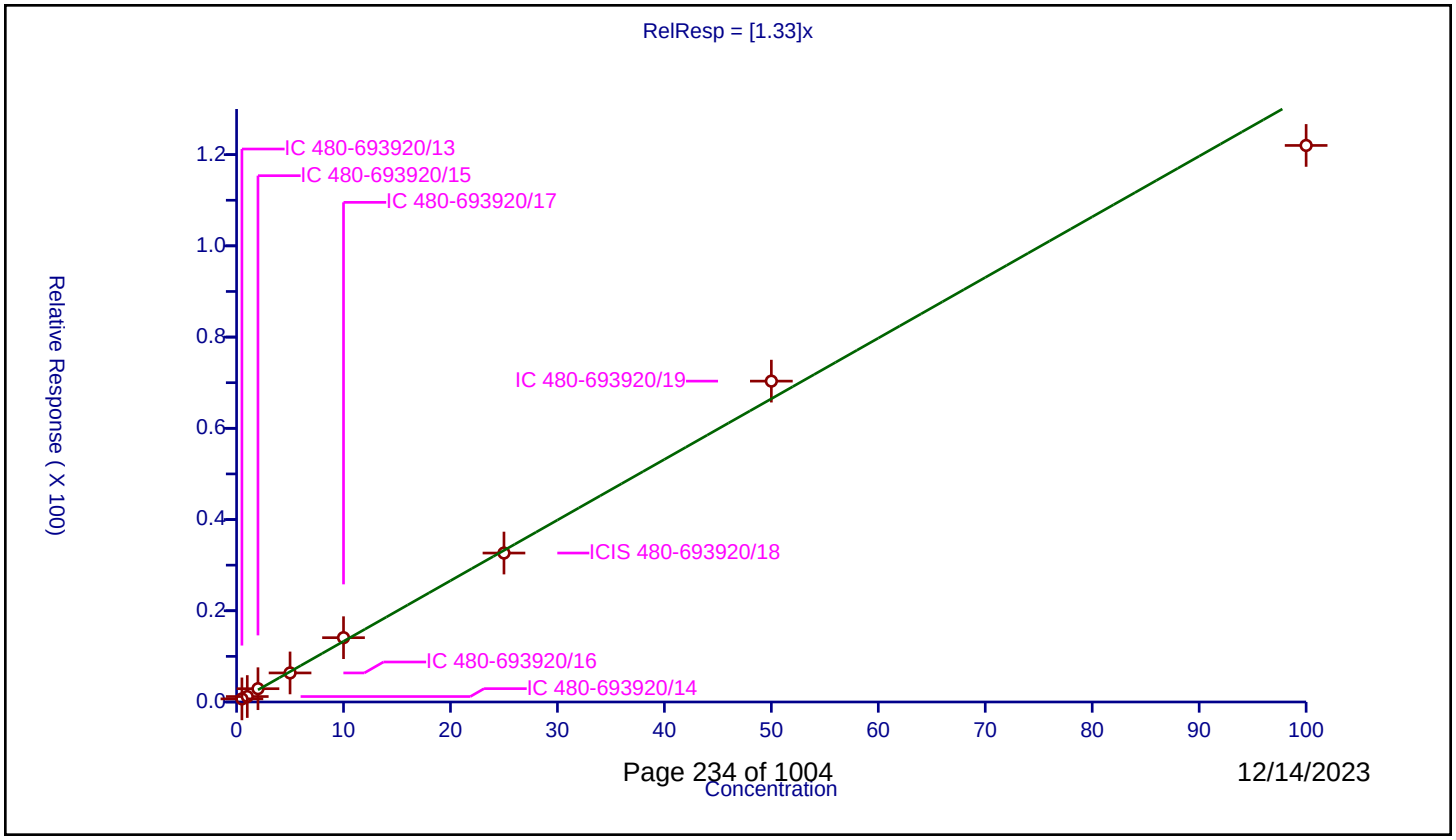
Curve Coefficients

Intercept:	0
Slope:	1.33

Error Coefficients

Standard Error:	510000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.682525	25.0	218417.0	1.365049	Y
2	IC 480-693920/14	1.0	1.197682	25.0	210803.0	1.197682	Y
3	IC 480-693920/15	2.0	2.911677	25.0	204590.0	1.455839	Y
4	IC 480-693920/16	5.0	6.371928	25.0	233795.0	1.274386	Y
5	IC 480-693920/17	10.0	14.100769	25.0	214600.0	1.410077	Y
6	ICIS 480-693920/18	25.0	32.653393	25.0	221490.0	1.306136	Y
7	IC 480-693920/19	50.0	70.343178	25.0	214320.0	1.406864	Y
8	IC 480-693920/20	100.0	122.014999	25.0	238752.0	1.22015	Y



Calibration / 2-Butanone (MEK)

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

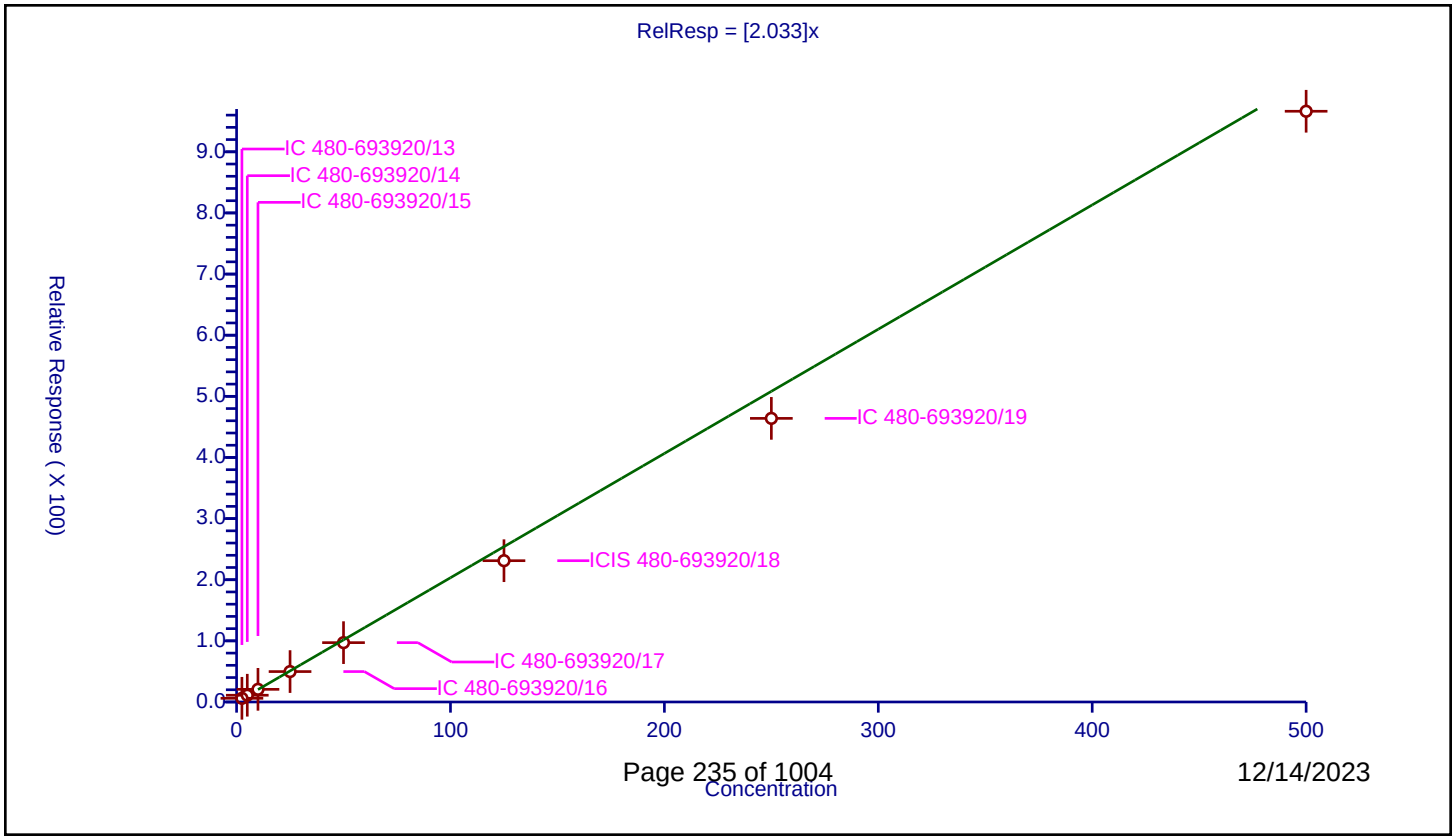
Curve Coefficients

Intercept:	0
Slope:	2.033

Error Coefficients

Standard Error:	3890000
Relative Standard Error:	9.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	2.5	6.024371	25.0	218417.0	2.409748	Y
2	IC 480-693920/14	5.0	11.062461	25.0	210803.0	2.212492	Y
3	IC 480-693920/15	10.0	20.696882	25.0	204590.0	2.069688	Y
4	IC 480-693920/16	25.0	49.757908	25.0	233795.0	1.990316	Y
5	IC 480-693920/17	50.0	97.097973	25.0	214600.0	1.941959	Y
6	ICIS 480-693920/18	125.0	231.128832	25.0	221490.0	1.849031	Y
7	IC 480-693920/19	250.0	463.942586	25.0	214320.0	1.85577	Y
8	IC 480-693920/20	500.0	966.318711	25.0	238752.0	1.932637	Y



Calibration / Chlorobromomethane

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

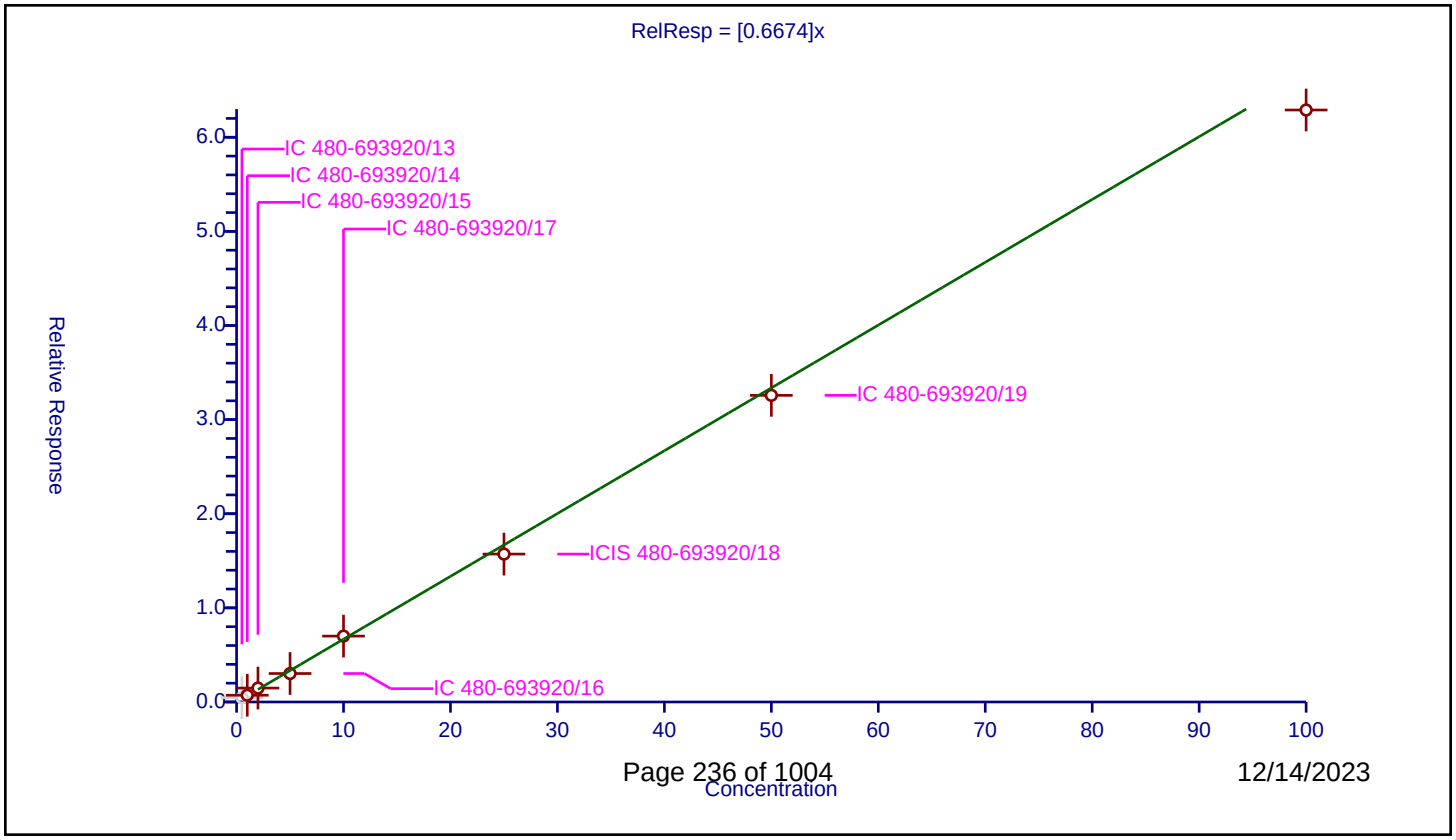
Curve Coefficients

Intercept:	0
Slope:	0.6674

Error Coefficients

Standard Error:	278000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.463792	25.0	218417.0	0.927583	N
2	IC 480-693920/14	1.0	0.71868	25.0	210803.0	0.71868	Y
3	IC 480-693920/15	2.0	1.478078	25.0	204590.0	0.739039	Y
4	IC 480-693920/16	5.0	3.023482	25.0	233795.0	0.604696	Y
5	IC 480-693920/17	10.0	7.0	25.0	214600.0	0.7	Y
6	ICIS 480-693920/18	25.0	15.714479	25.0	221490.0	0.628579	Y
7	IC 480-693920/19	50.0	32.577688	25.0	214320.0	0.651554	Y
8	IC 480-693920/20	100.0	62.896541	25.0	238752.0	0.628965	Y



Calibration / Tetrahydrofuran

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

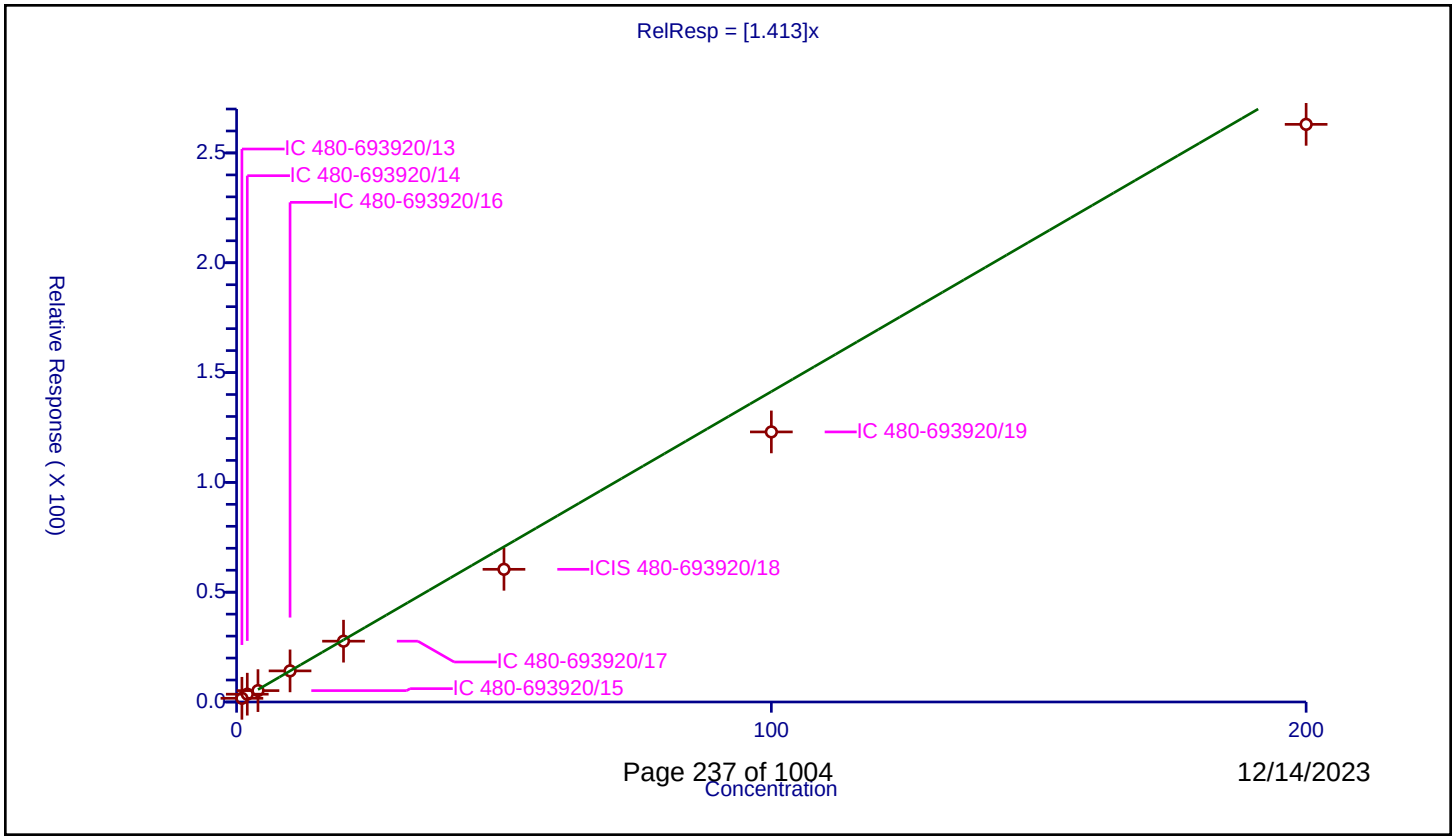
Curve Coefficients

Intercept:	0
Slope:	1.413

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	14.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	1.0	1.685652	25.0	218417.0	1.685652	Y
2	IC 480-693920/14	2.0	3.547269	25.0	210803.0	1.773635	Y
3	IC 480-693920/15	4.0	5.17474	25.0	204590.0	1.293685	Y
4	IC 480-693920/16	10.0	14.165401	25.0	233795.0	1.41654	Y
5	IC 480-693920/17	20.0	27.684879	25.0	214600.0	1.384244	Y
6	ICIS 480-693920/18	50.0	60.414691	25.0	221490.0	1.208294	Y
7	IC 480-693920/19	100.0	122.966475	25.0	214320.0	1.229665	Y
8	IC 480-693920/20	200.0	263.017692	25.0	238752.0	1.315088	Y



Calibration / Chloroform

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

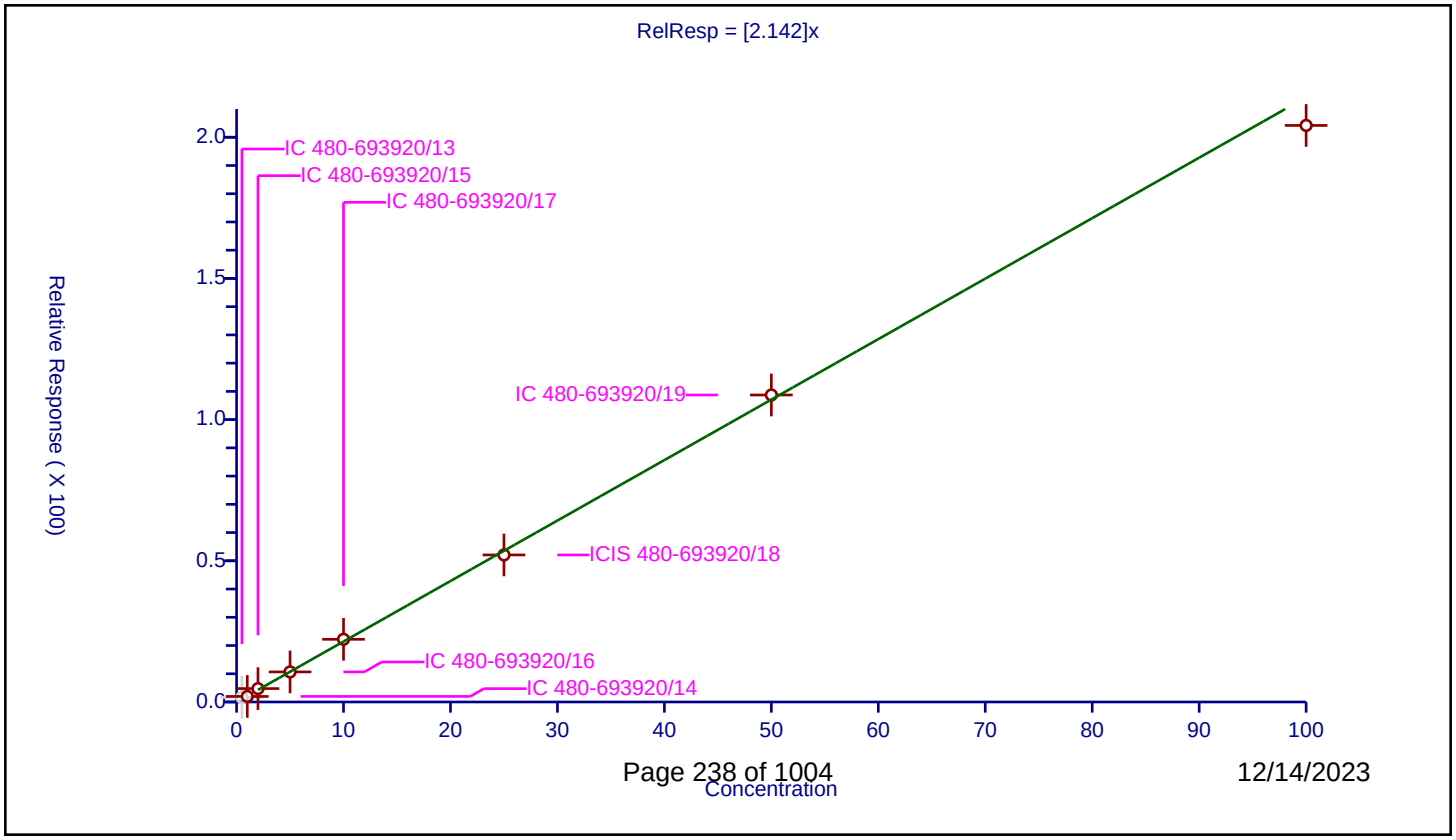
Curve Coefficients

Intercept:	0
Slope:	2.142

Error Coefficients

Standard Error:	907000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.62453	25.0	218417.0	3.24906	N
2	IC 480-693920/14	1.0	1.97056	25.0	210803.0	1.97056	Y
3	IC 480-693920/15	2.0	4.743145	25.0	204590.0	2.371572	Y
4	IC 480-693920/16	5.0	10.649821	25.0	233795.0	2.129964	Y
5	IC 480-693920/17	10.0	22.202237	25.0	214600.0	2.220224	Y
6	ICIS 480-693920/18	25.0	52.081922	25.0	221490.0	2.083277	Y
7	IC 480-693920/19	50.0	108.724804	25.0	214320.0	2.174496	Y
8	IC 480-693920/20	100.0	204.178918	25.0	238752.0	2.041789	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

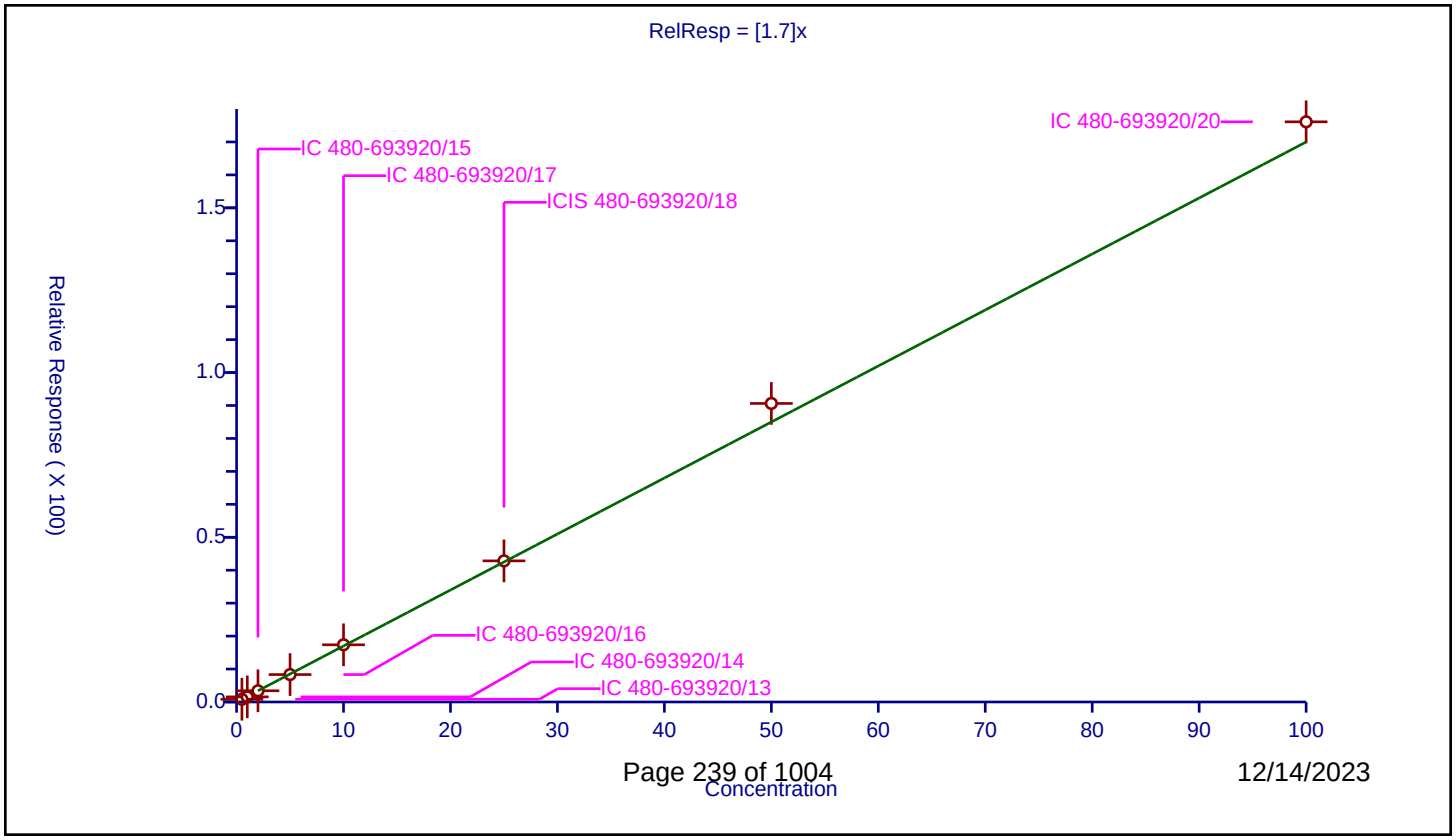
Curve Coefficients

Intercept:	0
Slope:	1.7

Error Coefficients

Standard Error:	718000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.82972	25.0	218417.0	1.65944	Y
2	IC 480-693920/14	1.0	1.546823	25.0	210803.0	1.546823	Y
3	IC 480-693920/15	2.0	3.407425	25.0	204590.0	1.703712	Y
4	IC 480-693920/16	5.0	8.327488	25.0	233795.0	1.665498	Y
5	IC 480-693920/17	10.0	17.363001	25.0	214600.0	1.7363	Y
6	ICIS 480-693920/18	25.0	42.835455	25.0	221490.0	1.713418	Y
7	IC 480-693920/19	50.0	90.629083	25.0	214320.0	1.812582	Y
8	IC 480-693920/20	100.0	176.118001	25.0	238752.0	1.76118	Y



Calibration / Cyclohexane

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

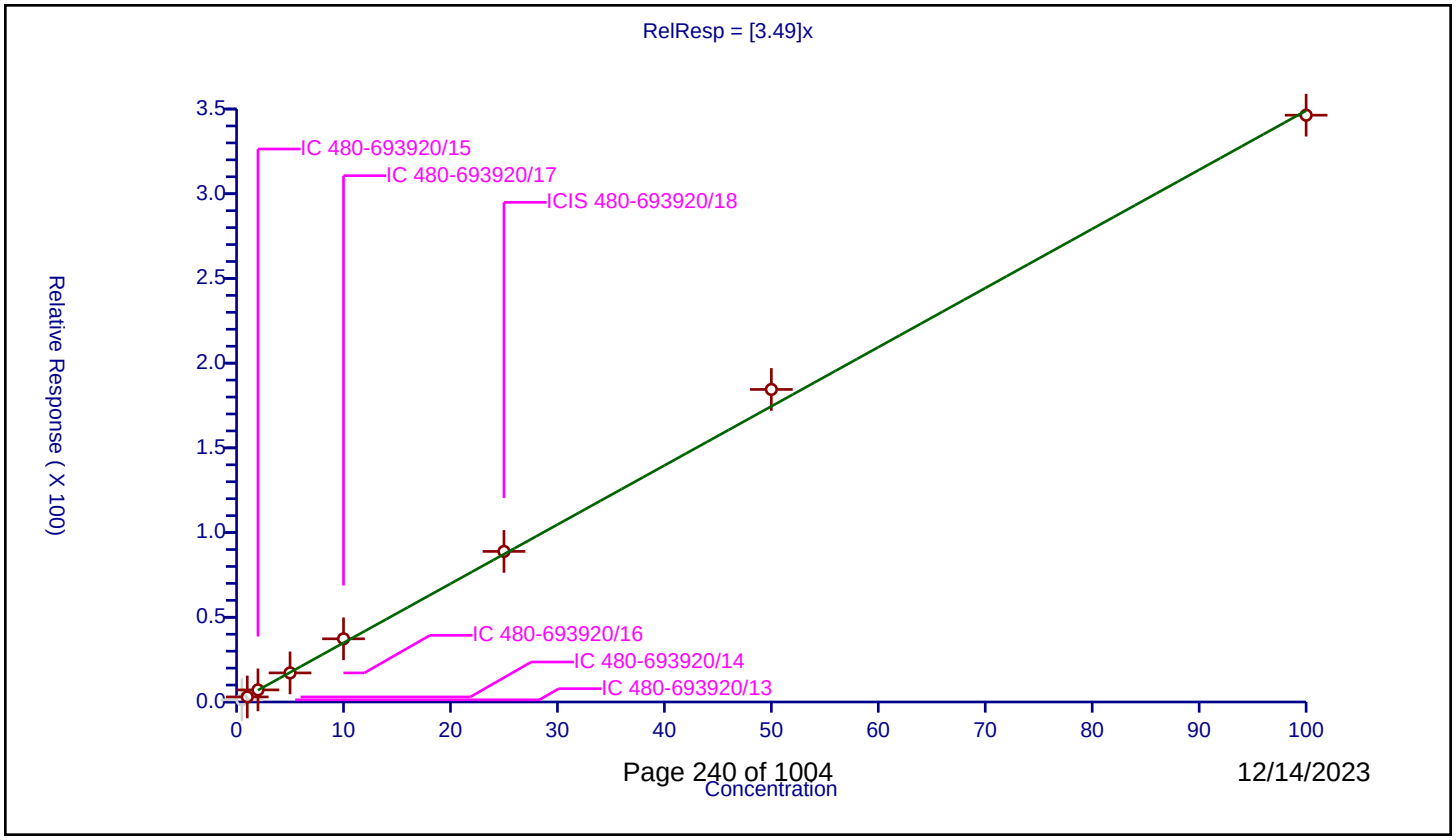
Curve Coefficients

Intercept:	0
Slope:	3.49

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.289391	25.0	218417.0	2.578783	N
2	IC 480-693920/14	1.0	2.989995	25.0	210803.0	2.989995	Y
3	IC 480-693920/15	2.0	7.138179	25.0	204590.0	3.569089	Y
4	IC 480-693920/16	5.0	17.168994	25.0	233795.0	3.433799	Y
5	IC 480-693920/17	10.0	37.301375	25.0	214600.0	3.730137	Y
6	ICIS 480-693920/18	25.0	88.871732	25.0	221490.0	3.554869	Y
7	IC 480-693920/19	50.0	184.471701	25.0	214320.0	3.689434	Y
8	IC 480-693920/20	100.0	346.365475	25.0	238752.0	3.463655	Y



Calibration / Dibromofluoromethane (Surr)

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

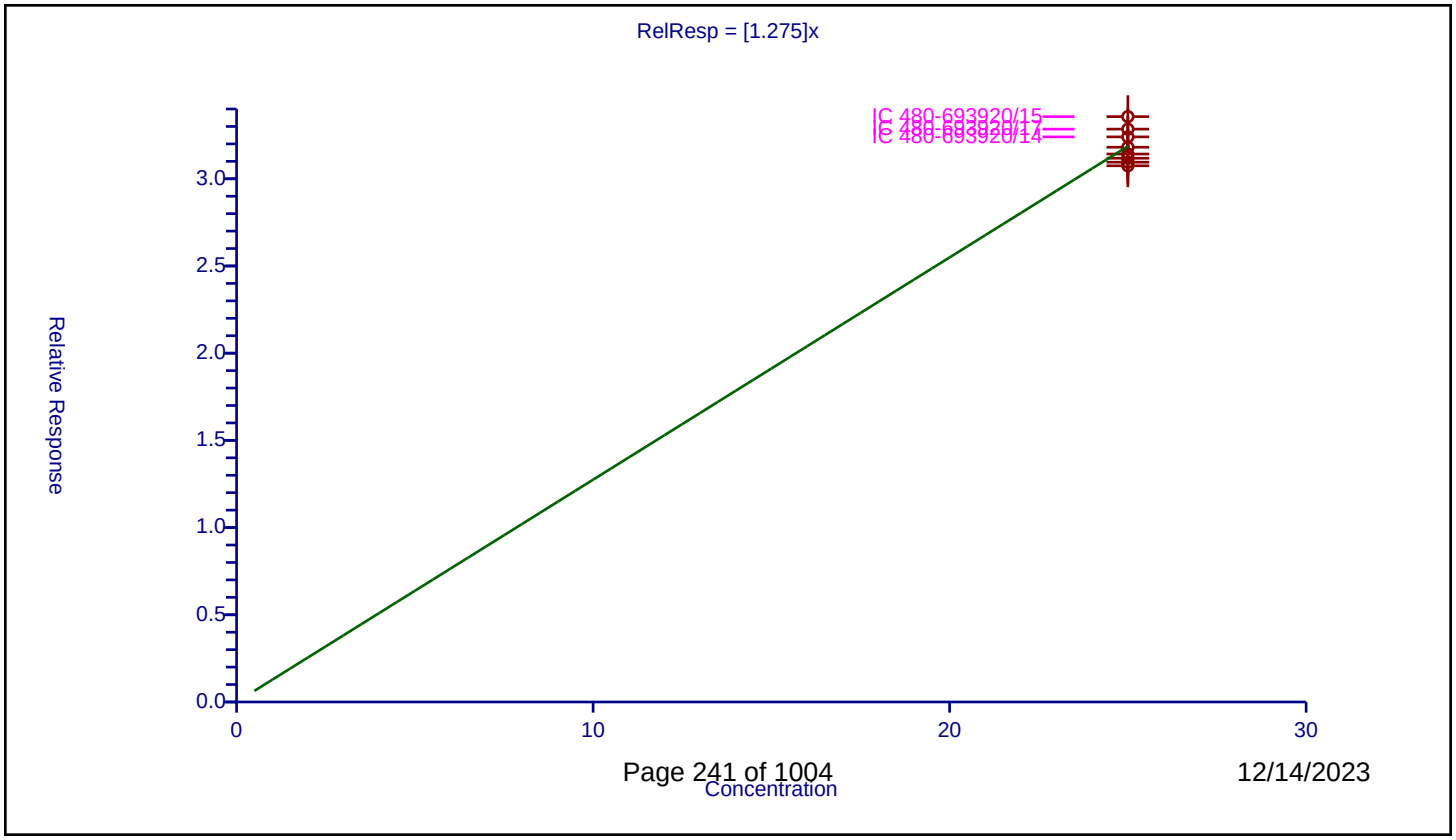
Curve Coefficients

Intercept:	0
Slope:	1.275

Error Coefficients

Standard Error:	299000
Relative Standard Error:	3.1
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	25.0	31.418685	25.0	218417.0	1.256747	Y
2	IC 480-693920/14	25.0	32.402765	25.0	210803.0	1.296111	Y
3	IC 480-693920/15	25.0	33.563224	25.0	204590.0	1.342529	Y
4	IC 480-693920/16	25.0	30.951795	25.0	233795.0	1.238072	Y
5	IC 480-693920/17	25.0	32.847041	25.0	214600.0	1.313882	Y
6	ICIS 480-693920/18	25.0	30.74518	25.0	221490.0	1.229807	Y
7	IC 480-693920/19	25.0	31.808161	25.0	214320.0	1.272326	Y
8	IC 480-693920/20	25.0	31.177226	25.0	238752.0	1.247089	Y



Calibration / Carbon tetrachloride

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

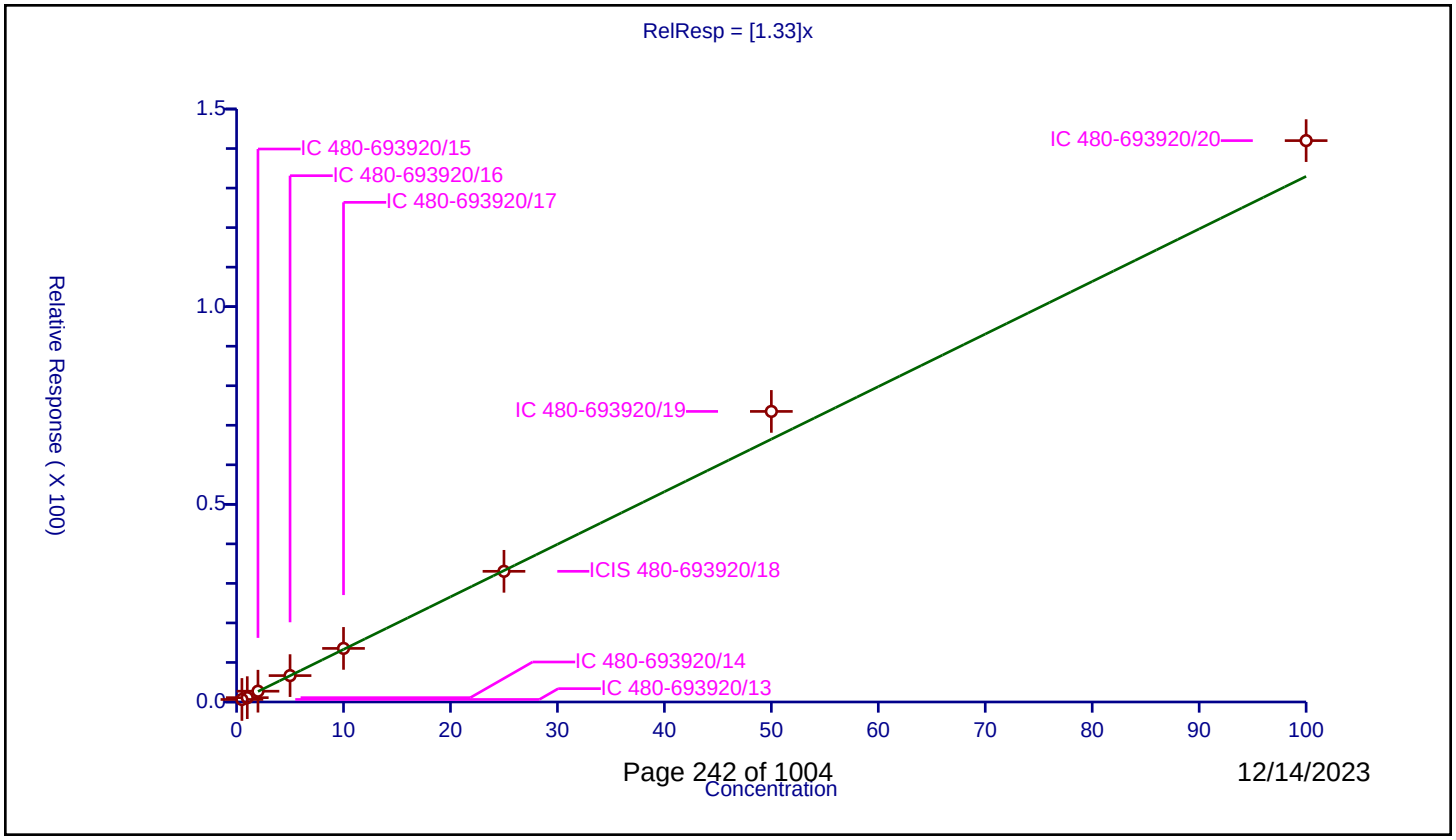
Curve Coefficients

Intercept:	0
Slope:	1.33

Error Coefficients

Standard Error:	578000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.638687	25.0	218417.0	1.277373	Y
2	IC 480-693920/14	1.0	1.092726	25.0	210803.0	1.092726	Y
3	IC 480-693920/15	2.0	2.728872	25.0	204590.0	1.364436	Y
4	IC 480-693920/16	5.0	6.672298	25.0	233795.0	1.33446	Y
5	IC 480-693920/17	10.0	13.553355	25.0	214600.0	1.355336	Y
6	ICIS 480-693920/18	25.0	33.059055	25.0	221490.0	1.322362	Y
7	IC 480-693920/19	50.0	73.500957	25.0	214320.0	1.470019	Y
8	IC 480-693920/20	100.0	142.004046	25.0	238752.0	1.42004	Y



Calibration / 1,1-Dichloropropene

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

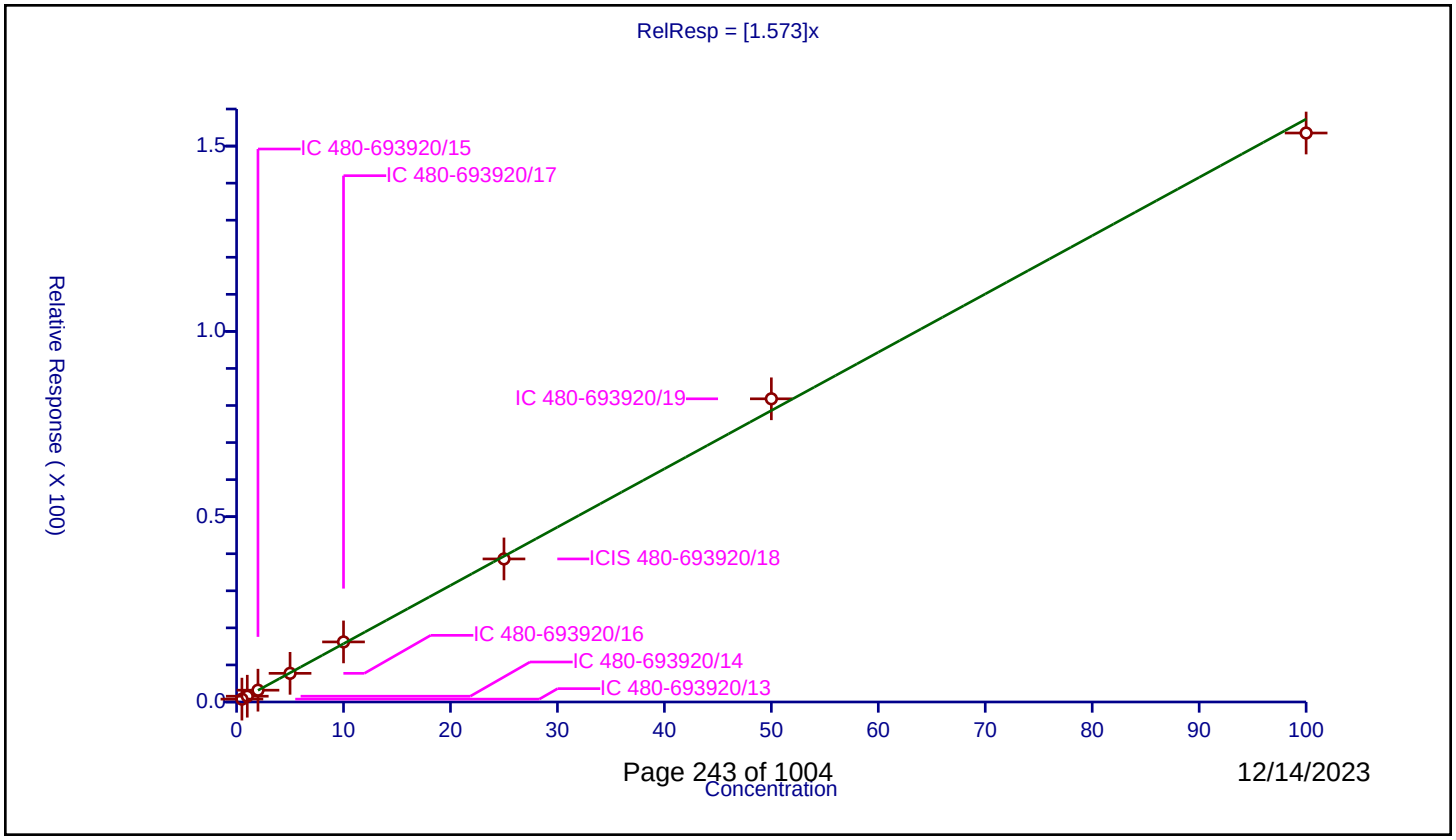
Curve Coefficients

Intercept:	0
Slope:	1.573

Error Coefficients

Standard Error:	631000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.776382	25.0	218417.0	1.552764	Y
2	IC 480-693920/14	1.0	1.557022	25.0	210803.0	1.557022	Y
3	IC 480-693920/15	2.0	3.181852	25.0	204590.0	1.590926	Y
4	IC 480-693920/16	5.0	7.729421	25.0	233795.0	1.545884	Y
5	IC 480-693920/17	10.0	16.20445	25.0	214600.0	1.620445	Y
6	ICIS 480-693920/18	25.0	38.601517	25.0	221490.0	1.544061	Y
7	IC 480-693920/19	50.0	81.805361	25.0	214320.0	1.636107	Y
8	IC 480-693920/20	100.0	153.522693	25.0	238752.0	1.535227	Y



Calibration / Benzene

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

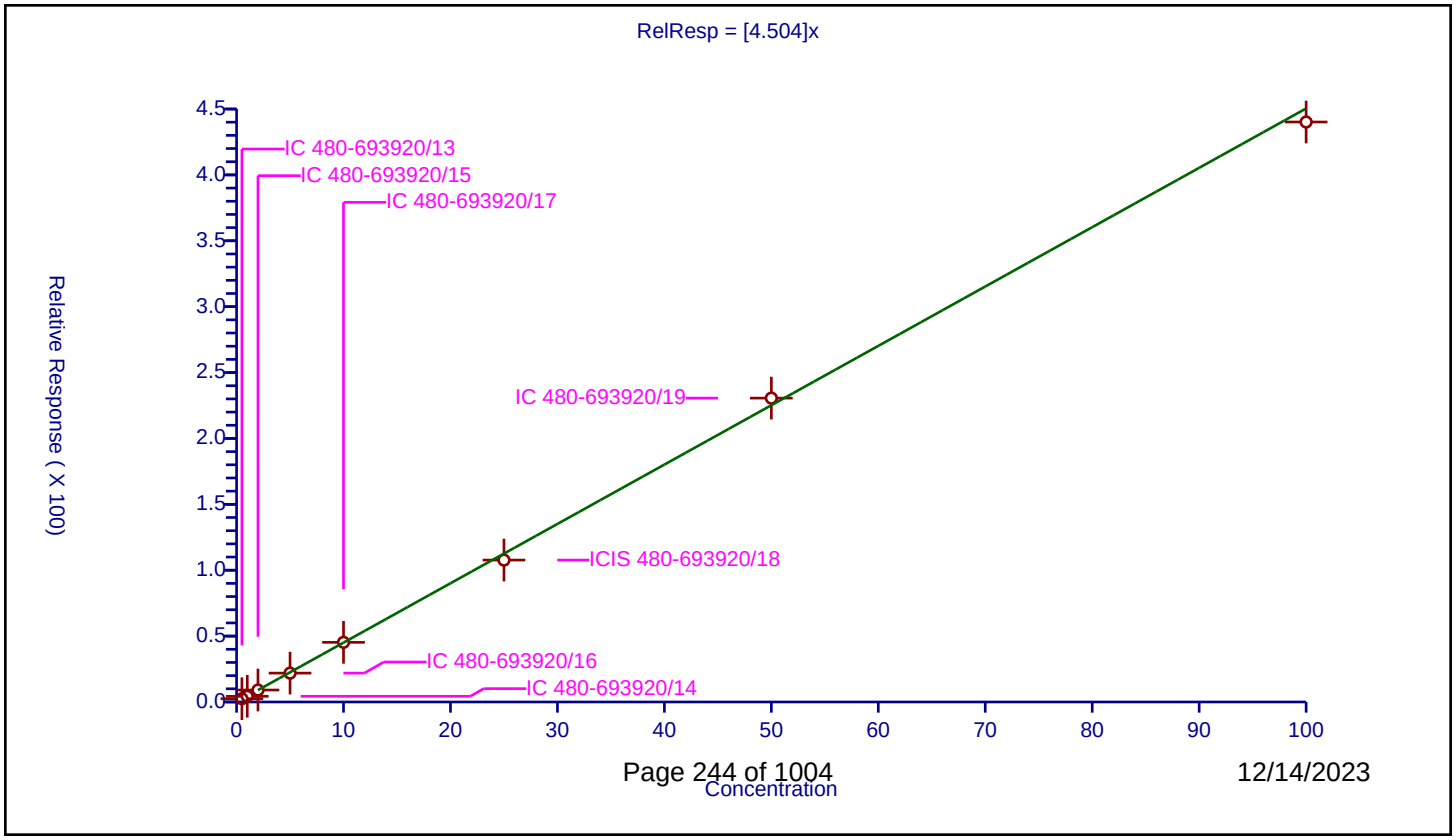
Curve Coefficients

Intercept:	0
Slope:	4.504

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	2.474968	25.0	218417.0	4.949935	Y
2	IC 480-693920/14	1.0	4.32074	25.0	210803.0	4.32074	Y
3	IC 480-693920/15	2.0	9.067647	25.0	204590.0	4.533824	Y
4	IC 480-693920/16	5.0	21.897603	25.0	233795.0	4.379521	Y
5	IC 480-693920/17	10.0	45.269222	25.0	214600.0	4.526922	Y
6	ICIS 480-693920/18	25.0	107.683868	25.0	221490.0	4.307355	Y
7	IC 480-693920/19	50.0	230.60412	25.0	214320.0	4.612082	Y
8	IC 480-693920/20	100.0	440.154009	25.0	238752.0	4.40154	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

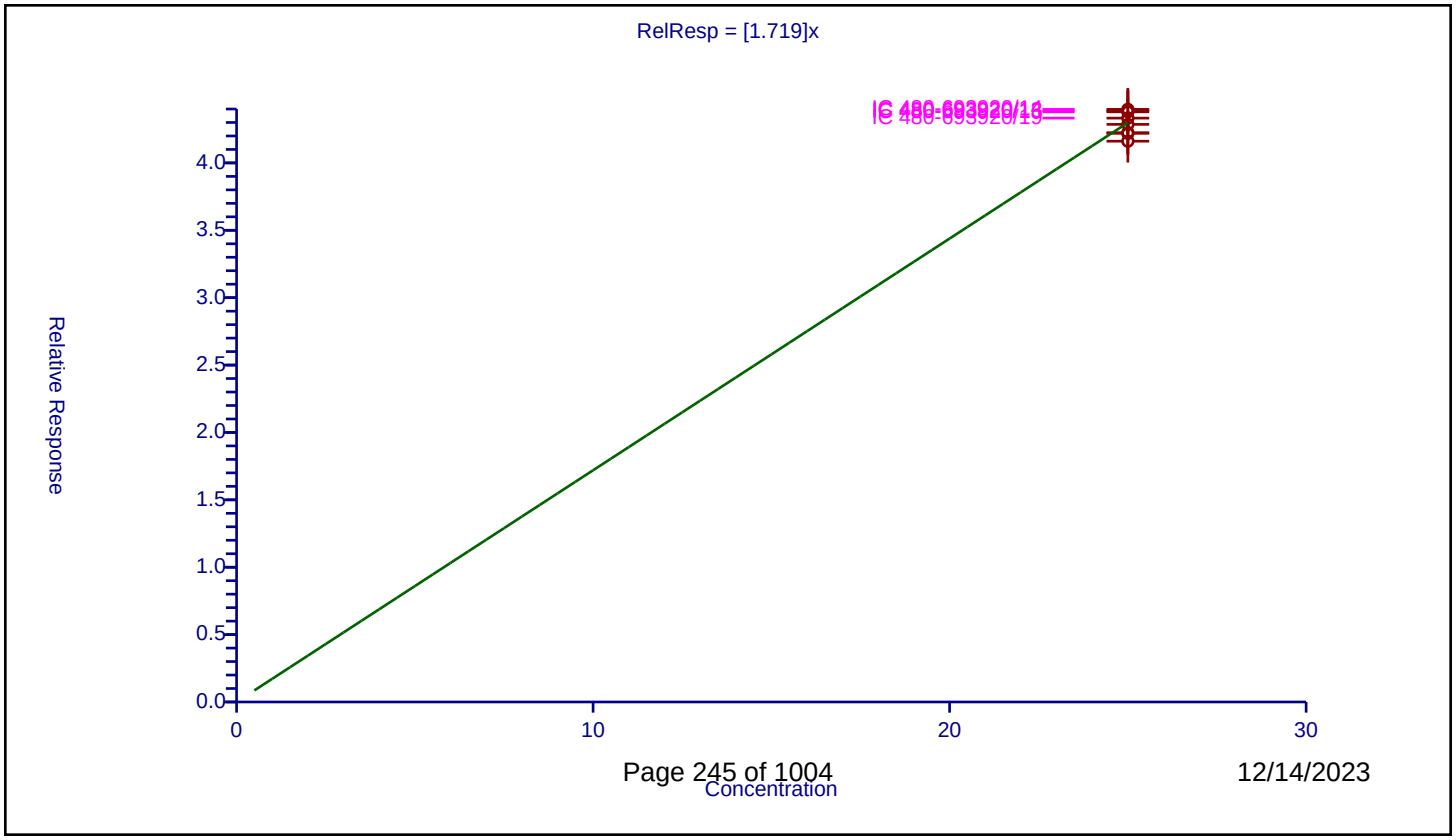
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	404000
Relative Standard Error:	2.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	25.0	43.870555	25.0	218417.0	1.754822	Y
2	IC 480-693920/14	25.0	43.973876	25.0	210803.0	1.758955	Y
3	IC 480-693920/15	25.0	43.792219	25.0	204590.0	1.751689	Y
4	IC 480-693920/16	25.0	41.611561	25.0	233795.0	1.664462	Y
5	IC 480-693920/17	25.0	42.860671	25.0	214600.0	1.714427	Y
6	ICIS 480-693920/18	25.0	42.244797	25.0	221490.0	1.689792	Y
7	IC 480-693920/19	25.0	43.325635	25.0	214320.0	1.733025	Y
8	IC 480-693920/20	25.0	42.195563	25.0	238752.0	1.687823	Y



12/14/2023

Calibration / Isobutyl alcohol

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

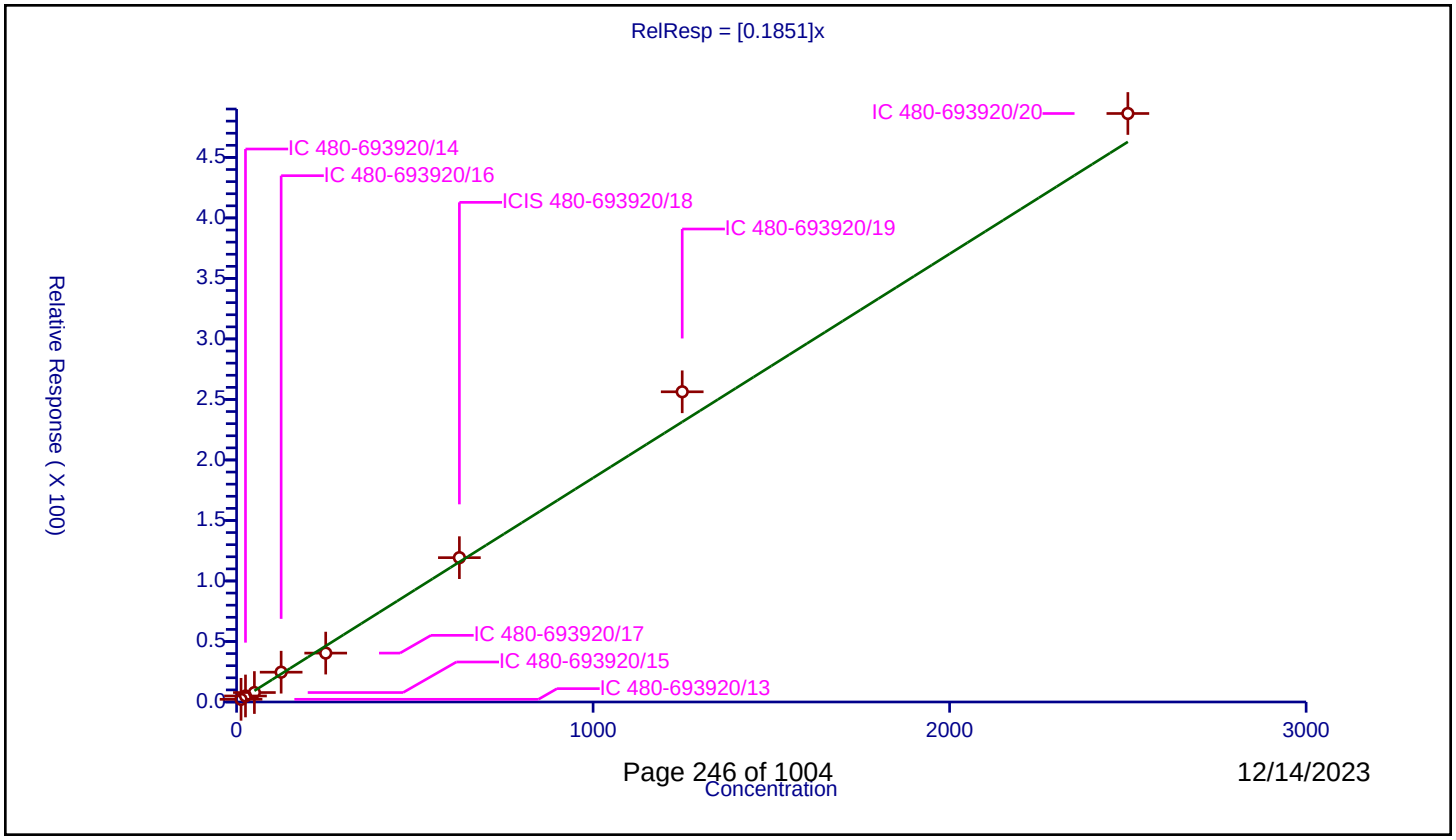
Curve Coefficients

Intercept:	0
Slope:	0.1851

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	12.5	2.211824	25.0	218417.0	0.176946	Y
2	IC 480-693920/14	25.0	4.968027	25.0	210803.0	0.198721	Y
3	IC 480-693920/15	50.0	7.819175	25.0	204590.0	0.156383	Y
4	IC 480-693920/16	125.0	24.63515	25.0	233795.0	0.197081	Y
5	IC 480-693920/17	250.0	40.4089	25.0	214600.0	0.161636	Y
6	ICIS 480-693920/18	625.0	119.26859	25.0	221490.0	0.19083	Y
7	IC 480-693920/19	1250.0	256.33632	25.0	214320.0	0.205069	Y
8	IC 480-693920/20	2500.0	486.302733	25.0	238752.0	0.194521	Y



12/14/2023

Calibration / 1,2-Dichloroethane

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

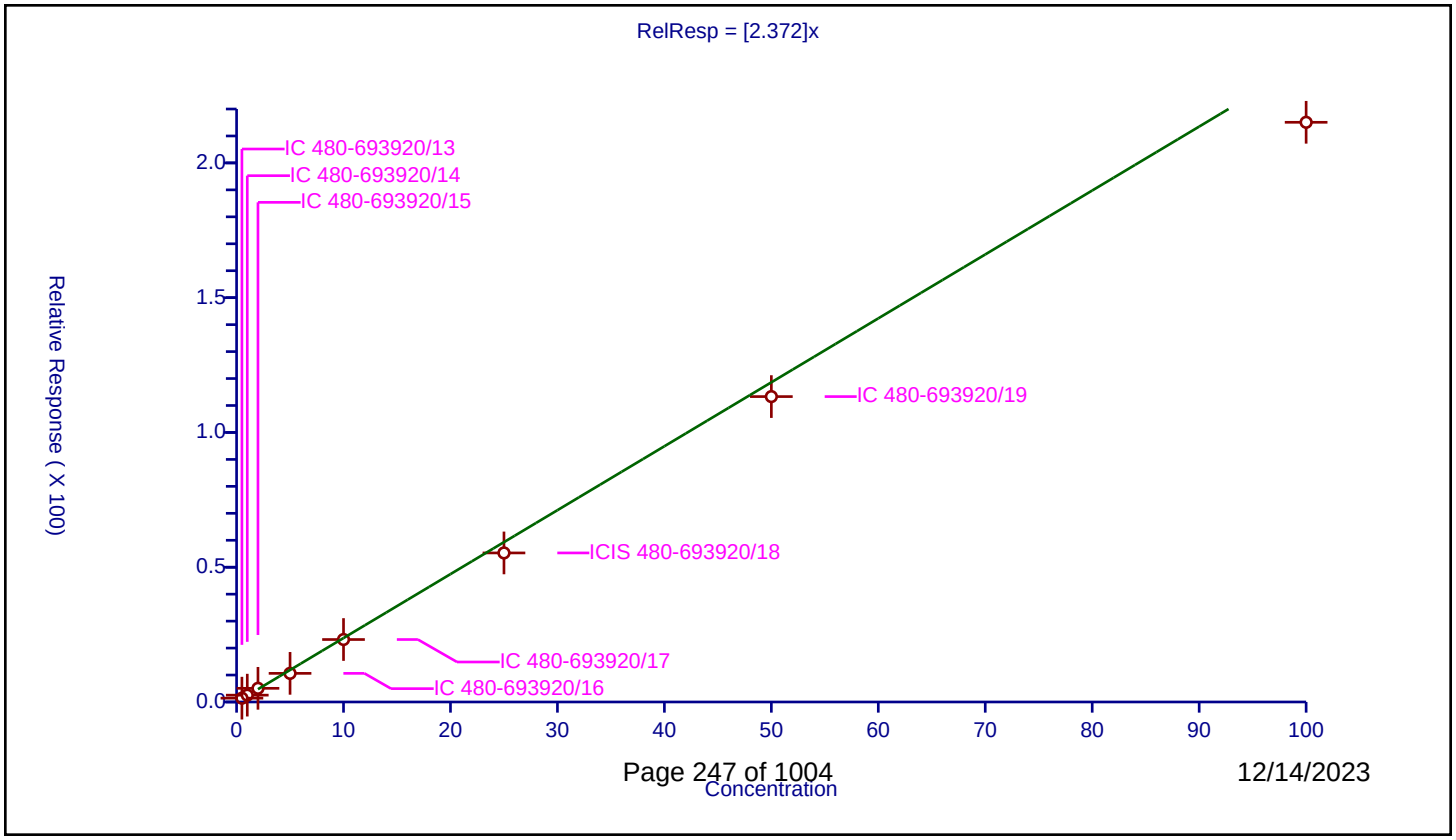
Curve Coefficients

Intercept:	0
Slope:	2.372

Error Coefficients

Standard Error:	883000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.41587	25.0	218417.0	2.831739	Y
2	IC 480-693920/14	1.0	2.537915	25.0	210803.0	2.537915	Y
3	IC 480-693920/15	2.0	5.073928	25.0	204590.0	2.536964	Y
4	IC 480-693920/16	5.0	10.617314	25.0	233795.0	2.123463	Y
5	IC 480-693920/17	10.0	23.171715	25.0	214600.0	2.317171	Y
6	ICIS 480-693920/18	25.0	55.301819	25.0	221490.0	2.212073	Y
7	IC 480-693920/19	50.0	113.305105	25.0	214320.0	2.266102	Y
8	IC 480-693920/20	100.0	215.070031	25.0	238752.0	2.1507	Y



Calibration / n-Heptane

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

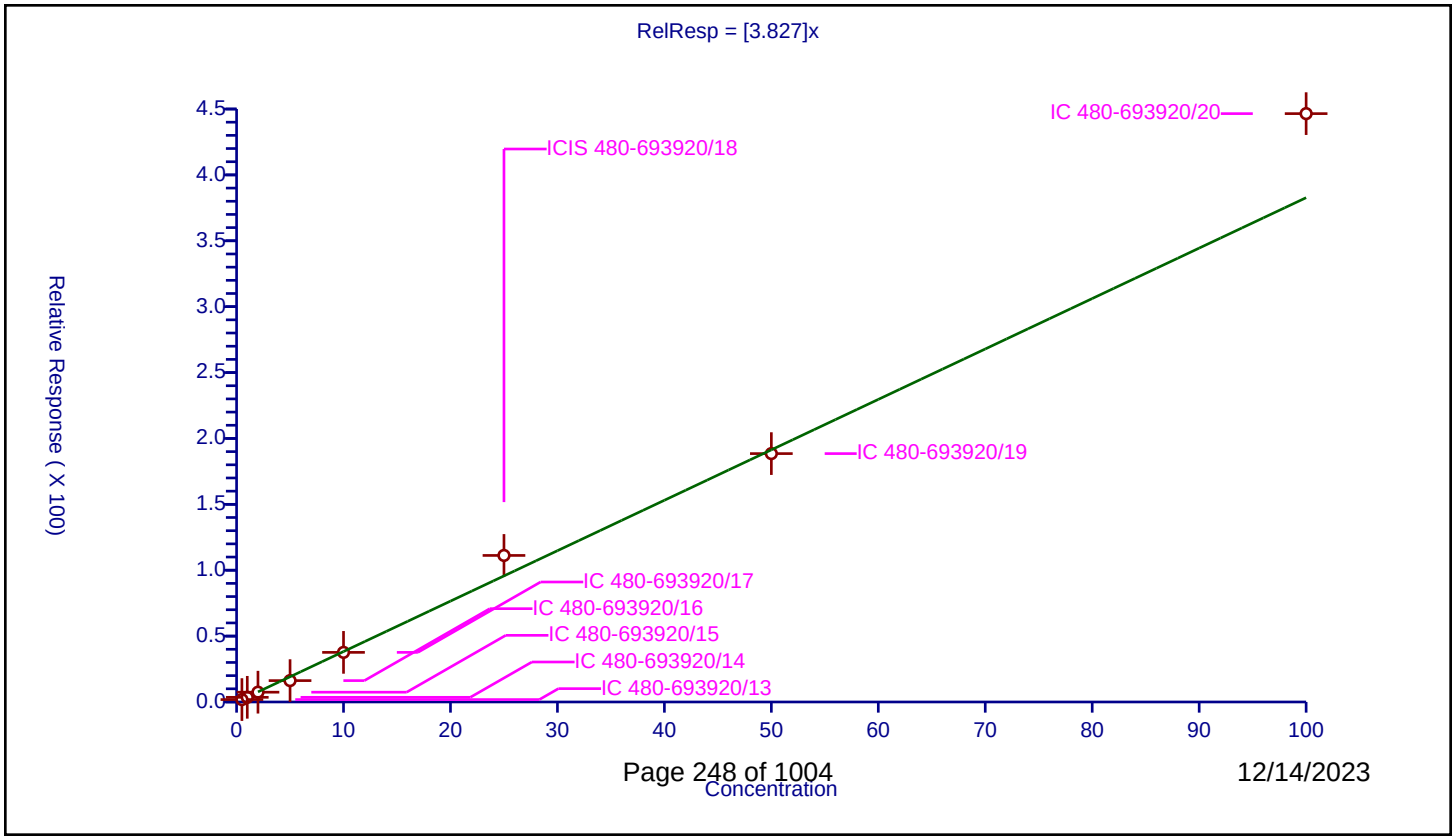
Curve Coefficients

Intercept:	0
Slope:	3.827

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	11.1
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.829986	25.0	218417.0	3.659972	Y
2	IC 480-693920/14	1.0	3.543118	25.0	210803.0	3.543118	Y
3	IC 480-693920/15	2.0	7.44379	25.0	204590.0	3.721895	Y
4	IC 480-693920/16	5.0	16.220834	25.0	233795.0	3.244167	Y
5	IC 480-693920/17	10.0	37.642008	25.0	214600.0	3.764201	Y
6	ICIS 480-693920/18	25.0	111.202537	25.0	221490.0	4.448101	Y
7	IC 480-693920/19	50.0	188.497574	25.0	214320.0	3.769951	Y
8	IC 480-693920/20	100.0	446.503904	25.0	238752.0	4.465039	Y



Calibration / Trichloroethene

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

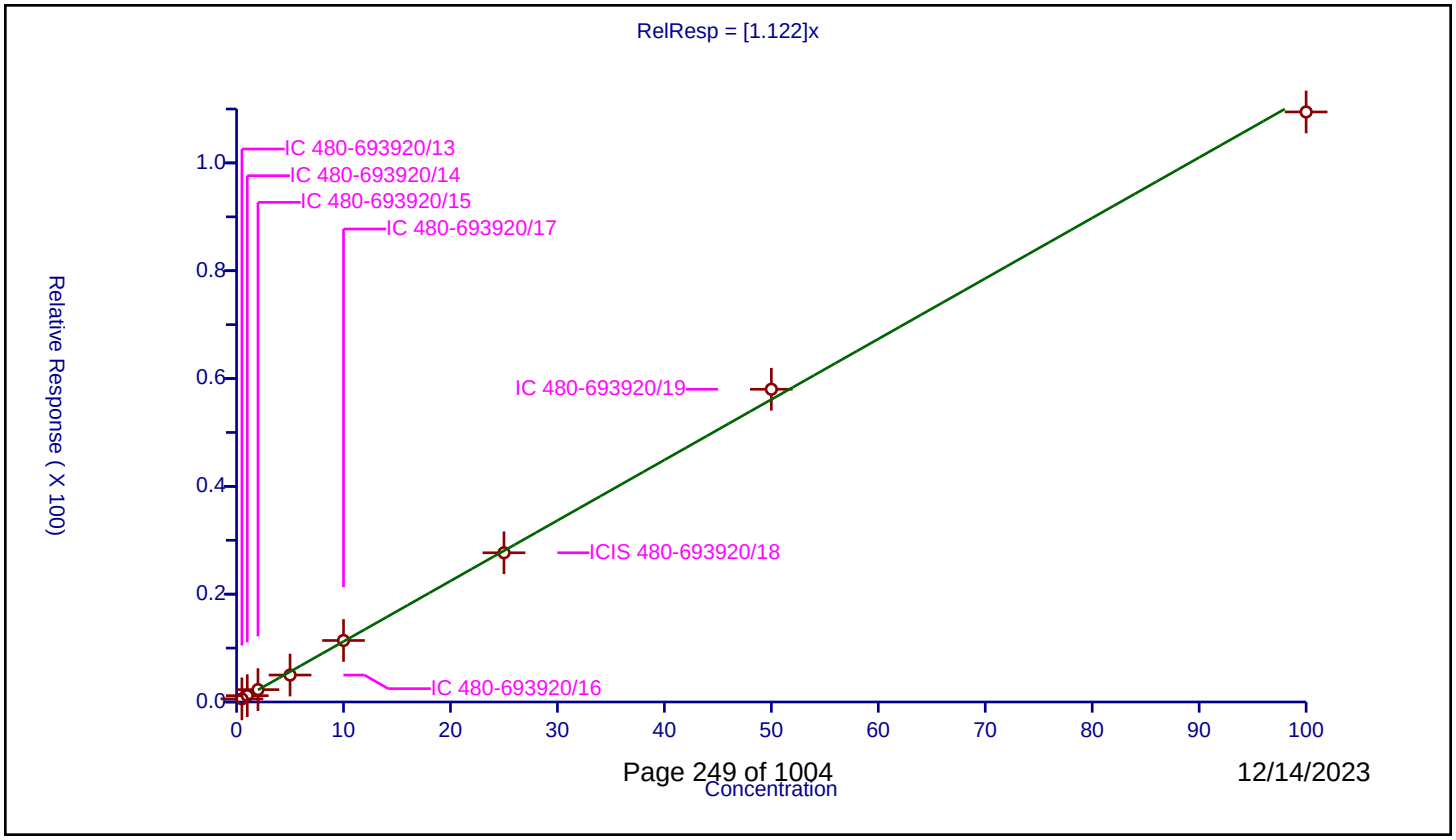
Curve Coefficients

Intercept:	0
Slope:	1.122

Error Coefficients

Standard Error:	449000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.580312	25.0	218417.0	1.160624	Y
2	IC 480-693920/14	1.0	1.168389	25.0	210803.0	1.168389	Y
3	IC 480-693920/15	2.0	2.293123	25.0	204590.0	1.146561	Y
4	IC 480-693920/16	5.0	5.000962	25.0	233795.0	1.000192	Y
5	IC 480-693920/17	10.0	11.409483	25.0	214600.0	1.140948	Y
6	ICIS 480-693920/18	25.0	27.678563	25.0	221490.0	1.107143	Y
7	IC 480-693920/19	50.0	58.014768	25.0	214320.0	1.160295	Y
8	IC 480-693920/20	100.0	109.455523	25.0	238752.0	1.094555	Y



Calibration / Methylcyclohexane

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

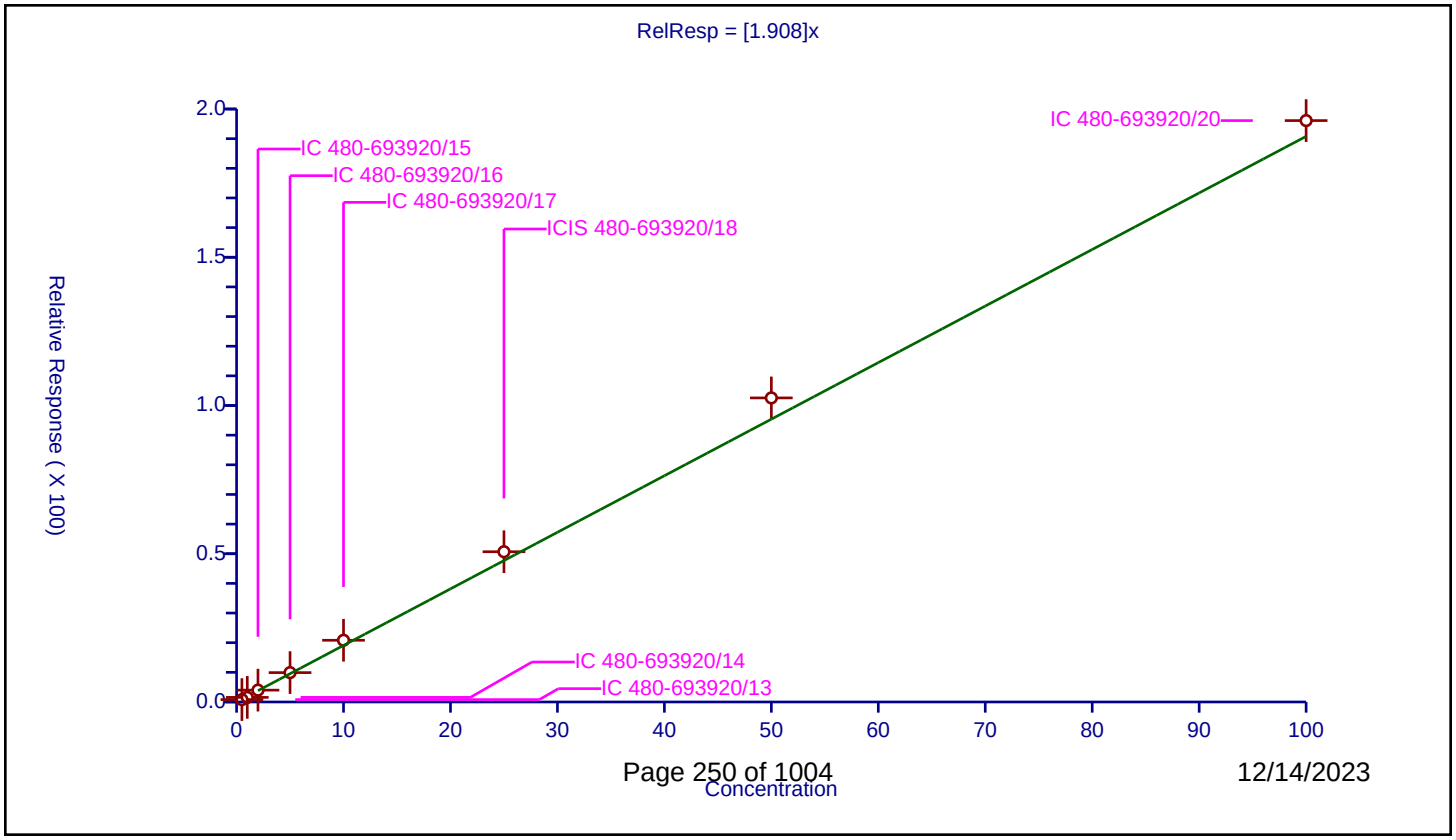
Curve Coefficients

Intercept:	0
Slope:	1.908

Error Coefficients

Standard Error:	804000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.803623	25.0	218417.0	1.607247	Y
2	IC 480-693920/14	1.0	1.550381	25.0	210803.0	1.550381	Y
3	IC 480-693920/15	2.0	4.002028	25.0	204590.0	2.001014	Y
4	IC 480-693920/16	5.0	9.910819	25.0	233795.0	1.982164	Y
5	IC 480-693920/17	10.0	20.817335	25.0	214600.0	2.081733	Y
6	ICIS 480-693920/18	25.0	50.676216	25.0	221490.0	2.027049	Y
7	IC 480-693920/19	50.0	102.56019	25.0	214320.0	2.051204	Y
8	IC 480-693920/20	100.0	196.096787	25.0	238752.0	1.960968	Y



Calibration / 1,2-Dichloropropane

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

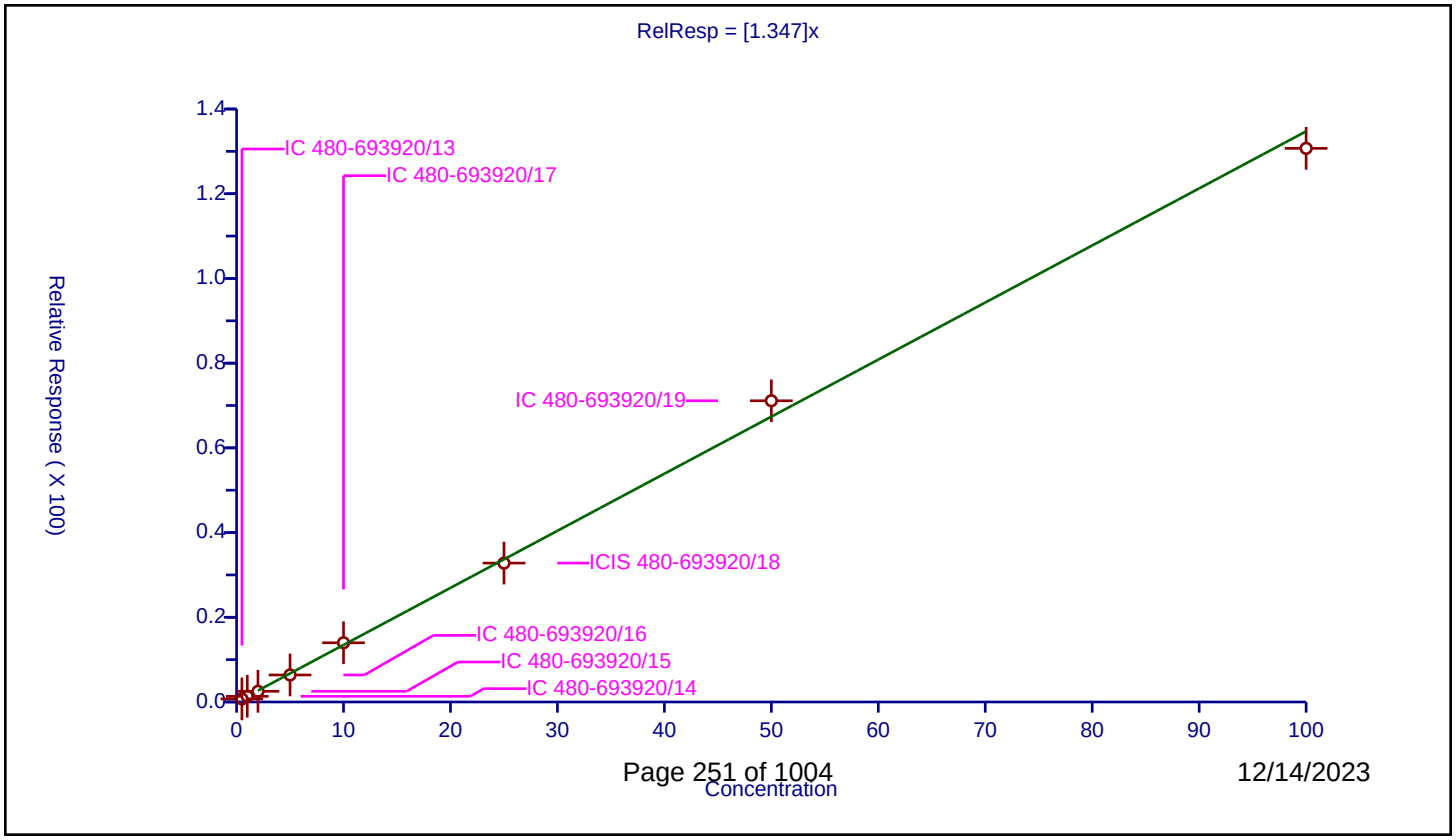
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Standard Error:	539000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.730941	25.0	218417.0	1.461883	Y
2	IC 480-693920/14	1.0	1.340351	25.0	210803.0	1.340351	Y
3	IC 480-693920/15	2.0	2.520651	25.0	204590.0	1.260326	Y
4	IC 480-693920/16	5.0	6.384012	25.0	233795.0	1.276802	Y
5	IC 480-693920/17	10.0	13.97705	25.0	214600.0	1.397705	Y
6	ICIS 480-693920/18	25.0	32.792564	25.0	221490.0	1.311703	Y
7	IC 480-693920/19	50.0	71.117488	25.0	214320.0	1.42235	Y
8	IC 480-693920/20	100.0	130.714088	25.0	238752.0	1.307141	Y



Calibration / Dibromomethane

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

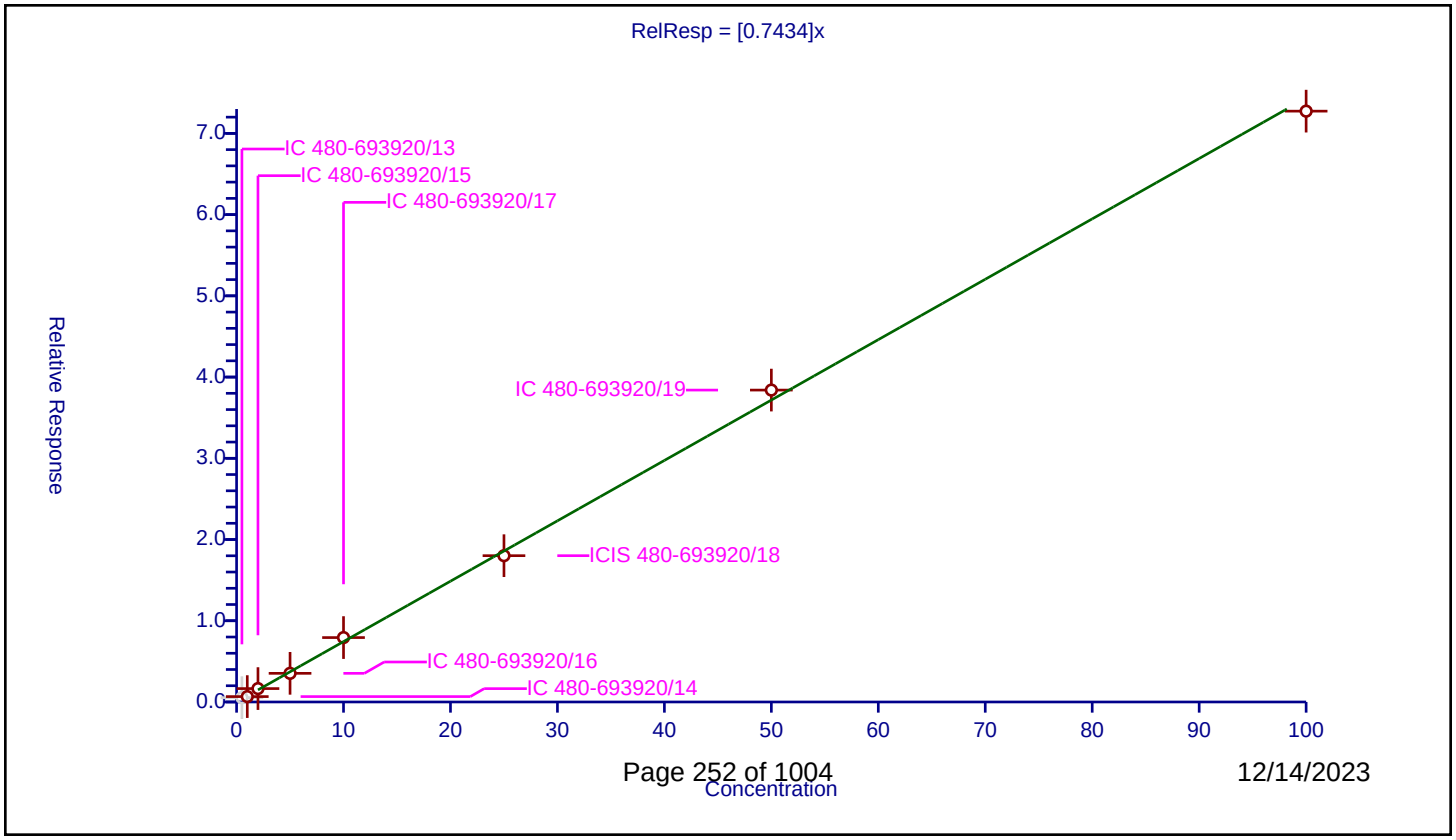
Curve Coefficients

Intercept:	0
Slope:	0.7434

Error Coefficients

Standard Error:	322000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.53304	25.0	218417.0	1.06608	N
2	IC 480-693920/14	1.0	0.664957	25.0	210803.0	0.664957	Y
3	IC 480-693920/15	2.0	1.649885	25.0	204590.0	0.824943	Y
4	IC 480-693920/16	5.0	3.526594	25.0	233795.0	0.705319	Y
5	IC 480-693920/17	10.0	7.928938	25.0	214600.0	0.792894	Y
6	ICIS 480-693920/18	25.0	18.010181	25.0	221490.0	0.720407	Y
7	IC 480-693920/19	50.0	38.399006	25.0	214320.0	0.76798	Y
8	IC 480-693920/20	100.0	72.738762	25.0	238752.0	0.727388	Y



Calibration / 1,4-Dioxane

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

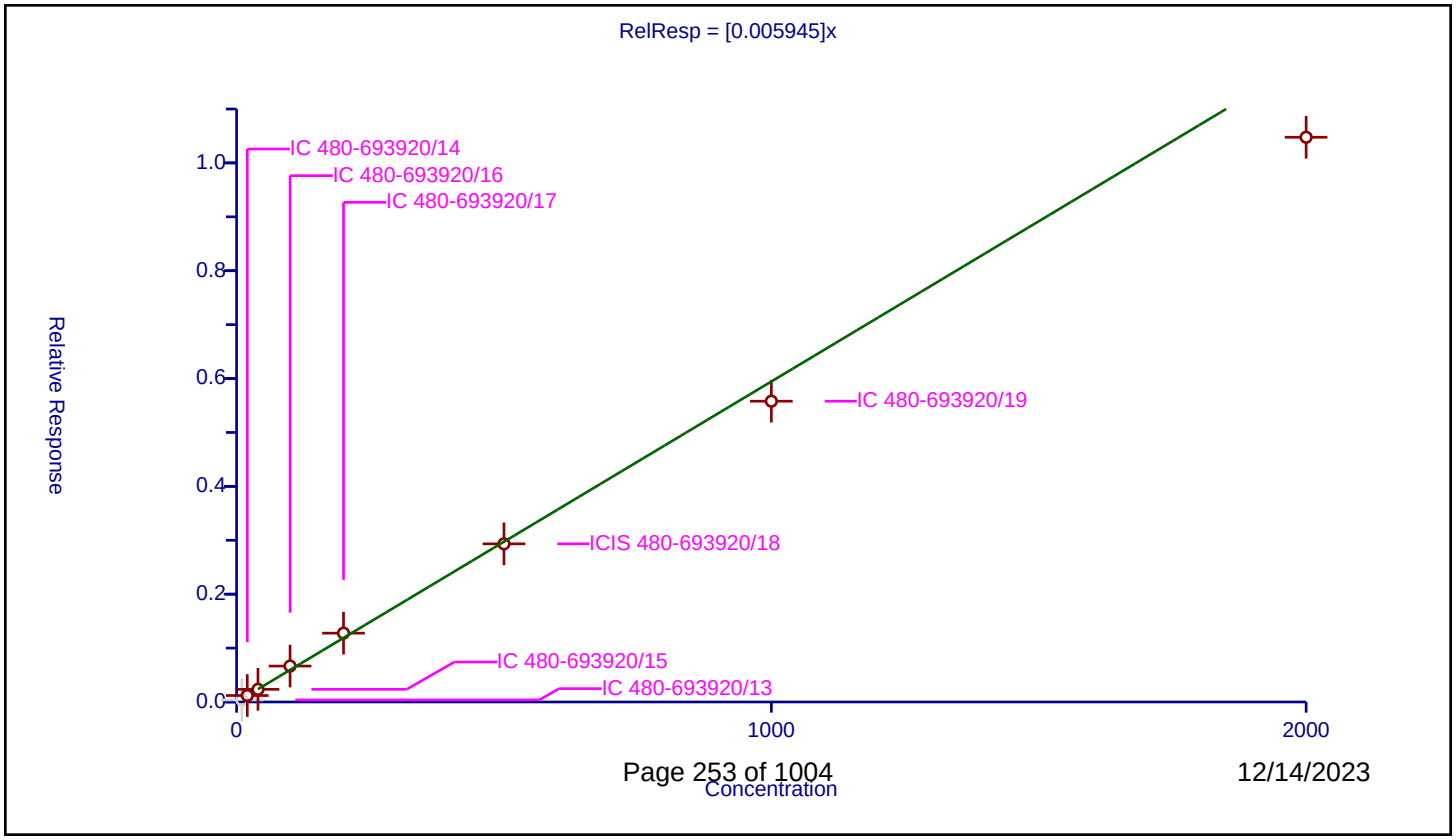
Curve Coefficients

Intercept:	0
Slope:	0.005945

Error Coefficients

Standard Error:	156000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	10.0	0.038158	25.0	739683.0	0.003816	N
2	IC 480-693920/14	20.0	0.120139	25.0	687118.0	0.006007	Y
3	IC 480-693920/15	40.0	0.234831	25.0	703273.0	0.005871	Y
4	IC 480-693920/16	100.0	0.666478	25.0	751150.0	0.006665	Y
5	IC 480-693920/17	200.0	1.277257	25.0	739025.0	0.006386	Y
6	ICIS 480-693920/18	500.0	2.933467	25.0	731762.0	0.005867	Y
7	IC 480-693920/19	1000.0	5.57986	25.0	764374.0	0.00558	Y
8	IC 480-693920/20	2000.0	10.475987	25.0	781881.0	0.005238	Y



Calibration / Dichlorobromomethane

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

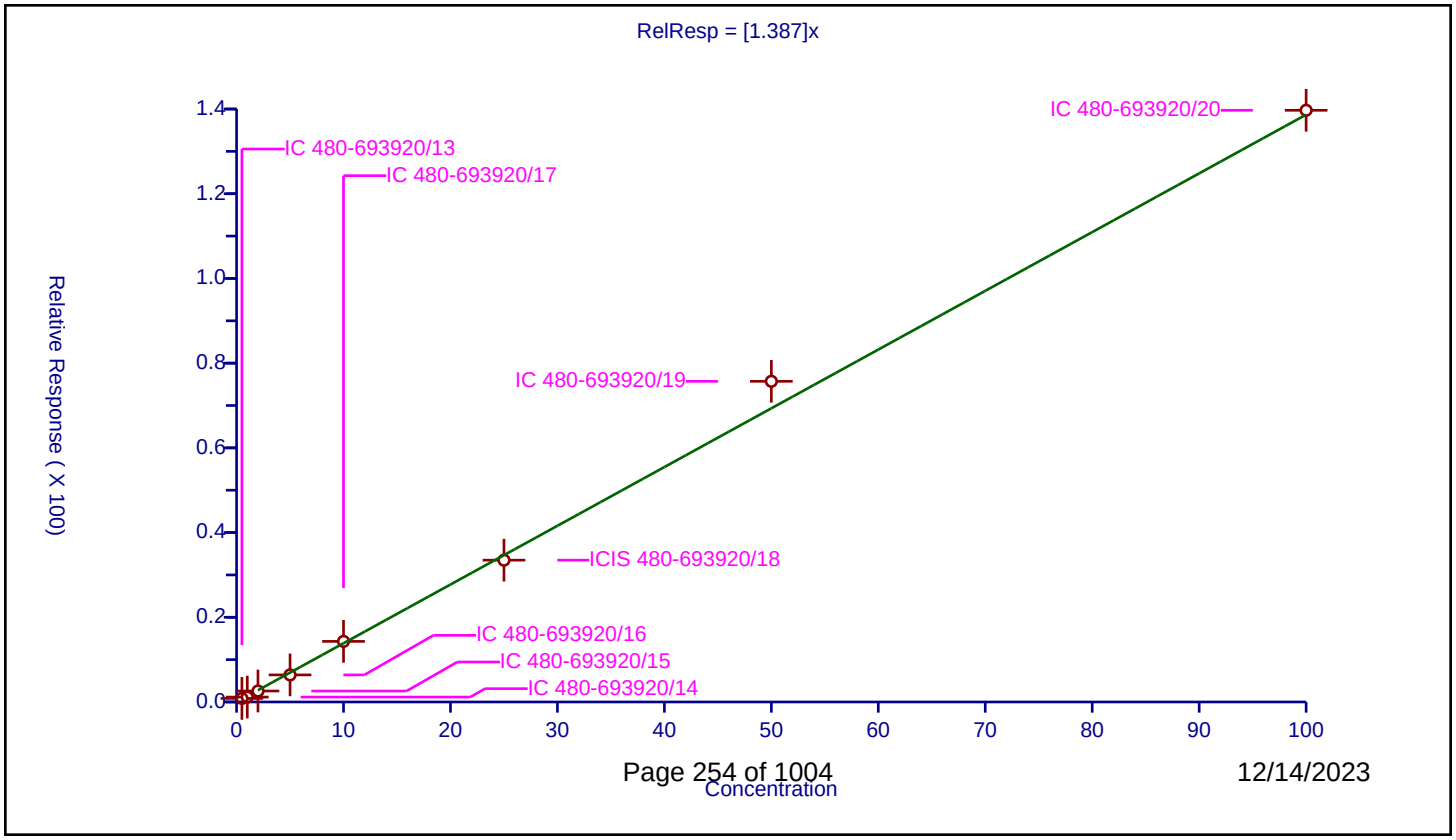
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.839907	25.0	218417.0	1.679814	Y
2	IC 480-693920/14	1.0	1.158665	25.0	210803.0	1.158665	Y
3	IC 480-693920/15	2.0	2.588592	25.0	204590.0	1.294296	Y
4	IC 480-693920/16	5.0	6.394598	25.0	233795.0	1.27892	Y
5	IC 480-693920/17	10.0	14.309646	25.0	214600.0	1.430965	Y
6	ICIS 480-693920/18	25.0	33.484582	25.0	221490.0	1.339383	Y
7	IC 480-693920/19	50.0	75.712136	25.0	214320.0	1.514243	Y
8	IC 480-693920/20	100.0	139.696945	25.0	238752.0	1.396969	Y



Calibration / 2-Chloroethyl vinyl ether

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

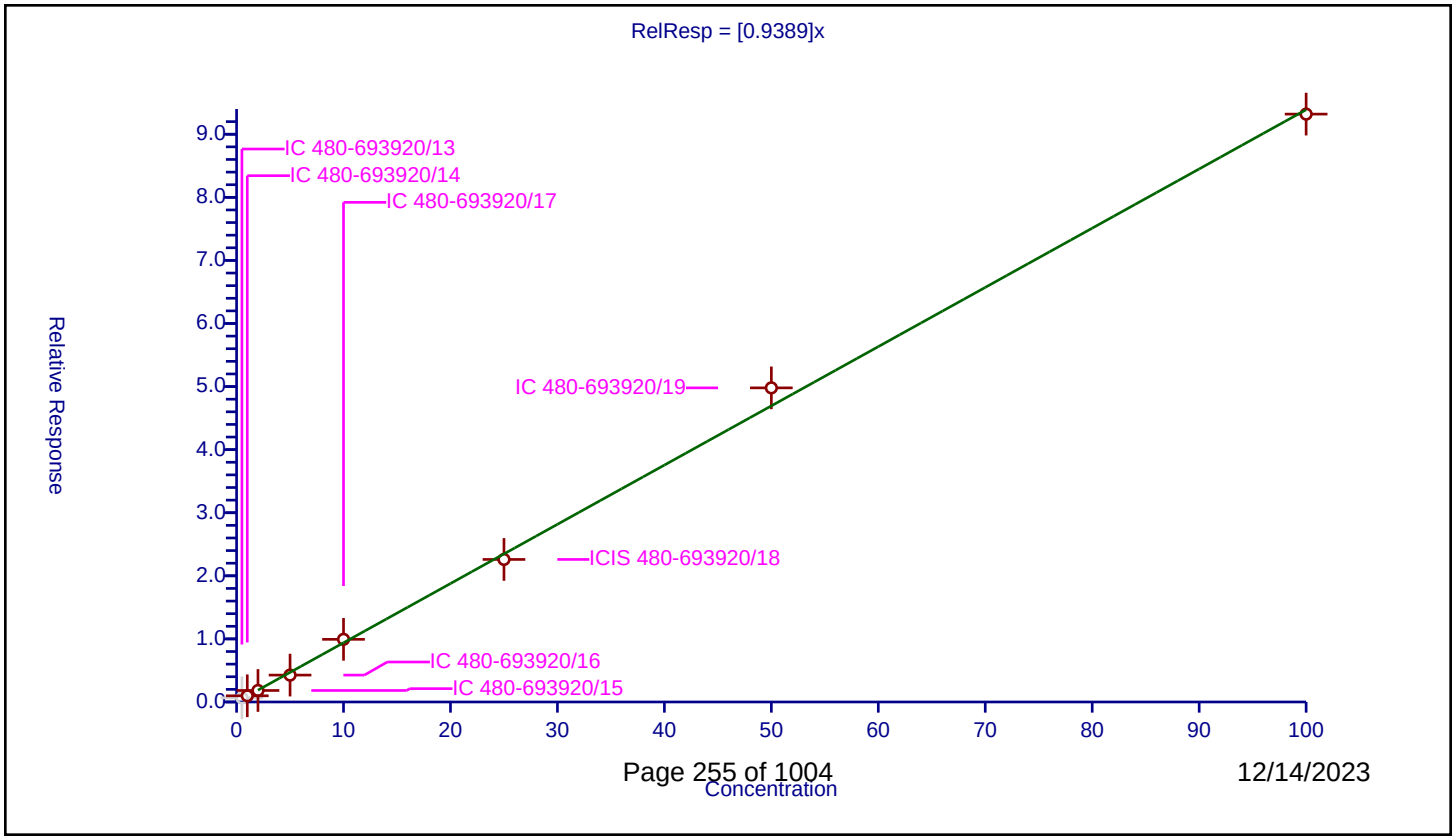
Curve Coefficients

Intercept:	0
Slope:	0.9389

Error Coefficients

Standard Error:	413000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.658717	25.0	218417.0	1.317434	N
2	IC 480-693920/14	1.0	0.982552	25.0	210803.0	0.982552	Y
3	IC 480-693920/15	2.0	1.82438	25.0	204590.0	0.91219	Y
4	IC 480-693920/16	5.0	4.263243	25.0	233795.0	0.852649	Y
5	IC 480-693920/17	10.0	9.930219	25.0	214600.0	0.993022	Y
6	ICIS 480-693920/18	25.0	22.59628	25.0	221490.0	0.903851	Y
7	IC 480-693920/19	50.0	49.794583	25.0	214320.0	0.995892	Y
8	IC 480-693920/20	100.0	93.193041	25.0	238752.0	0.93193	Y



Calibration / cis-1,3-Dichloropropene

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

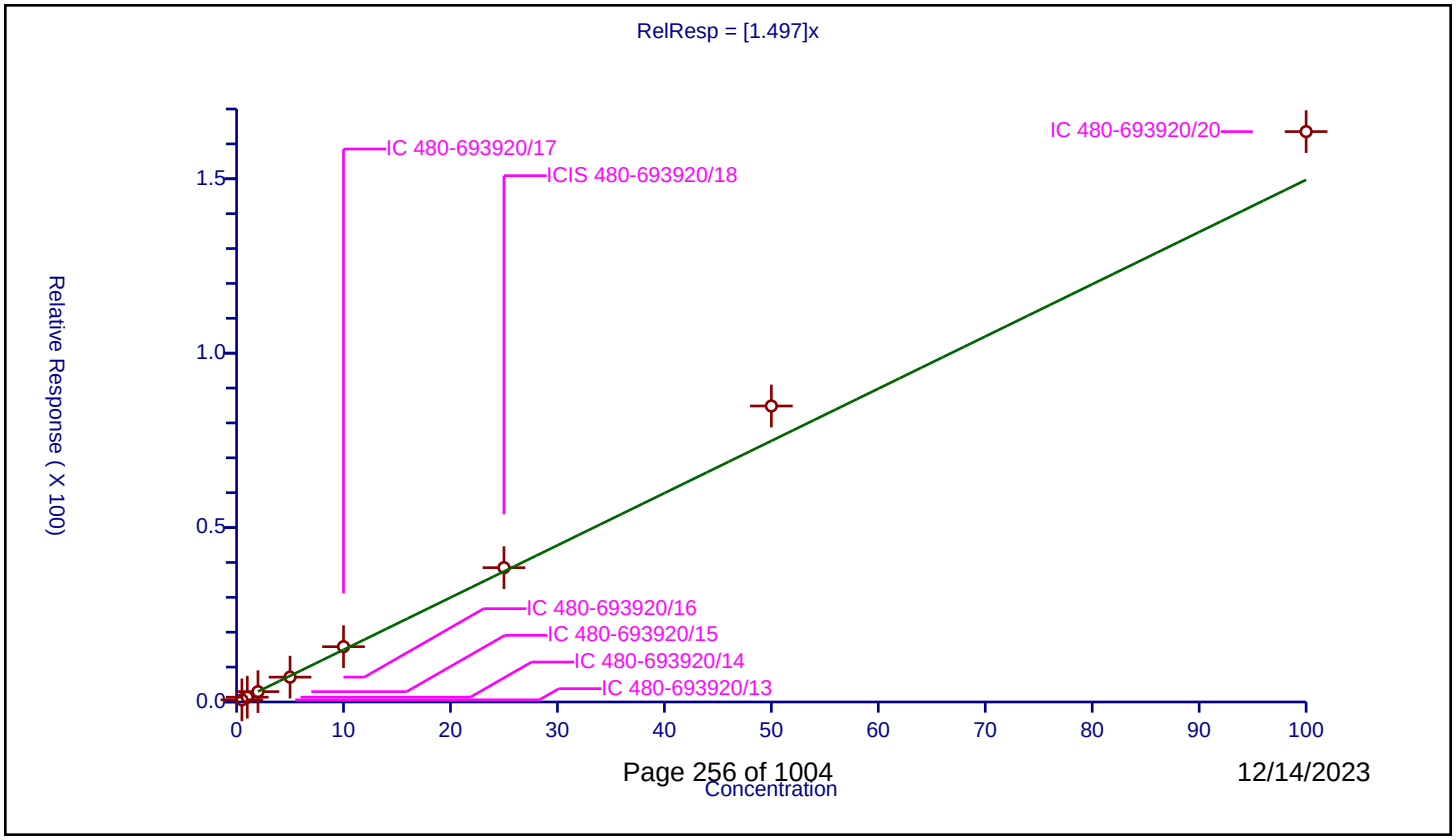
Curve Coefficients

Intercept:	0
Slope:	1.497

Error Coefficients

Standard Error:	666000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.611788	25.0	218417.0	1.223577	Y
2	IC 480-693920/14	1.0	1.382926	25.0	210803.0	1.382926	Y
3	IC 480-693920/15	2.0	2.969842	25.0	204590.0	1.484921	Y
4	IC 480-693920/16	5.0	7.130499	25.0	233795.0	1.4261	Y
5	IC 480-693920/17	10.0	15.857409	25.0	214600.0	1.585741	Y
6	ICIS 480-693920/18	25.0	38.509865	25.0	221490.0	1.540395	Y
7	IC 480-693920/19	50.0	84.860139	25.0	214320.0	1.697203	Y
8	IC 480-693920/20	100.0	163.5224	25.0	238752.0	1.635224	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

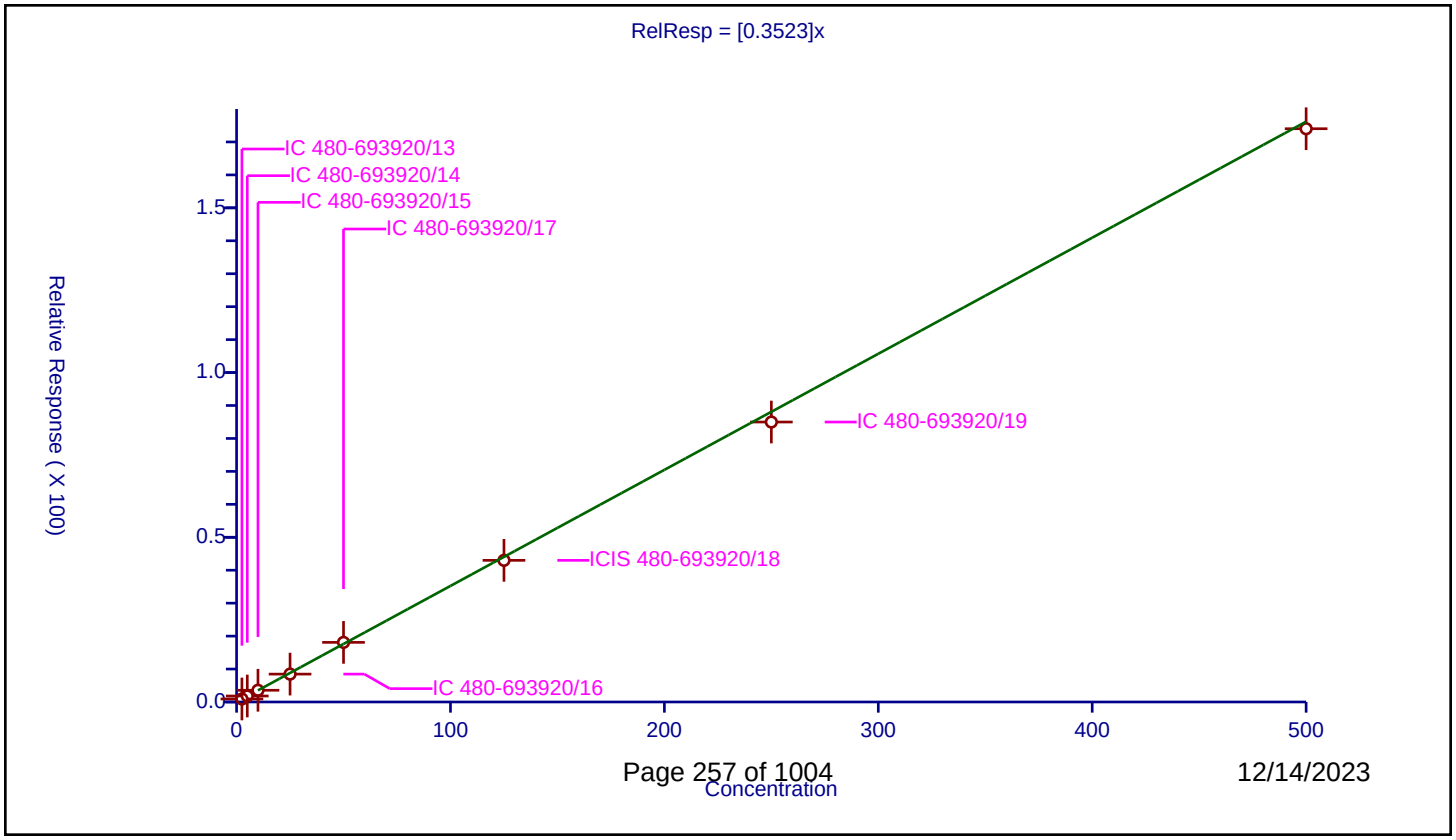
Curve Coefficients

Intercept:	0
Slope:	0.3523

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	2.5	0.91546	25.0	739683.0	0.366184	Y
2	IC 480-693920/14	5.0	1.820684	25.0	687118.0	0.364137	Y
3	IC 480-693920/15	10.0	3.56014	25.0	703273.0	0.356014	Y
4	IC 480-693920/16	25.0	8.462191	25.0	751150.0	0.338488	Y
5	IC 480-693920/17	50.0	18.09411	25.0	739025.0	0.361882	Y
6	ICIS 480-693920/18	125.0	42.994614	25.0	731762.0	0.343957	Y
7	IC 480-693920/19	250.0	84.98124	25.0	764374.0	0.339925	Y
8	IC 480-693920/20	500.0	174.01689	25.0	781881.0	0.348034	Y



Calibration / Toluene-d8 (Surr)

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

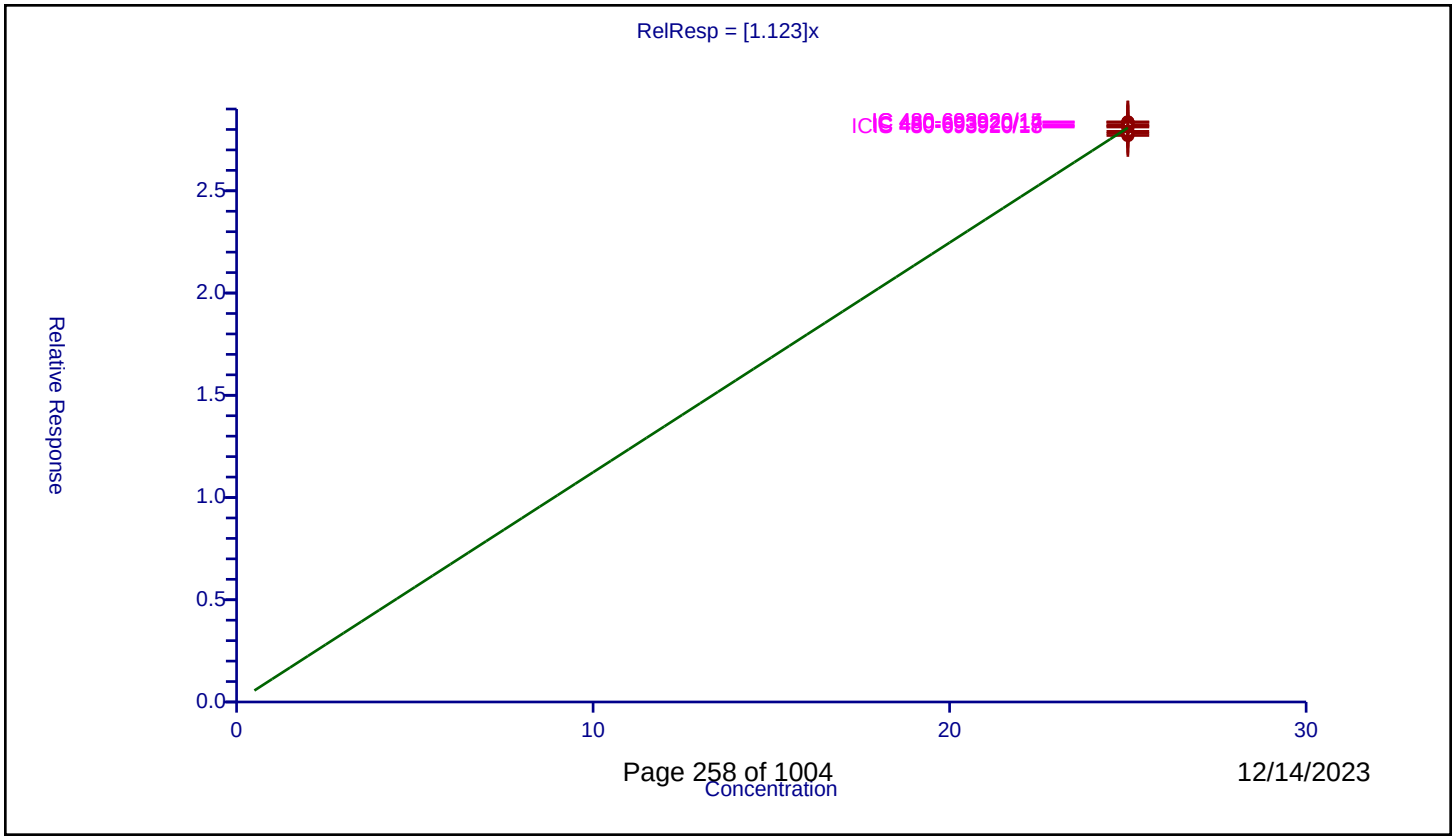
Curve Coefficients

Intercept:	0
Slope:	1.123

Error Coefficients

Standard Error:	886000
Relative Standard Error:	0.9
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	25.0	28.167066	25.0	739683.0	1.126683	Y
2	IC 480-693920/14	25.0	28.368417	25.0	687118.0	1.134737	Y
3	IC 480-693920/15	25.0	28.354672	25.0	703273.0	1.134187	Y
4	IC 480-693920/16	25.0	27.705319	25.0	751150.0	1.108213	Y
5	IC 480-693920/17	25.0	28.228206	25.0	739025.0	1.129128	Y
6	ICIS 480-693920/18	25.0	28.118705	25.0	731762.0	1.124748	Y
7	IC 480-693920/19	25.0	27.908197	25.0	764374.0	1.116328	Y
8	IC 480-693920/20	25.0	27.810946	25.0	781881.0	1.112438	Y



Calibration / Toluene

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

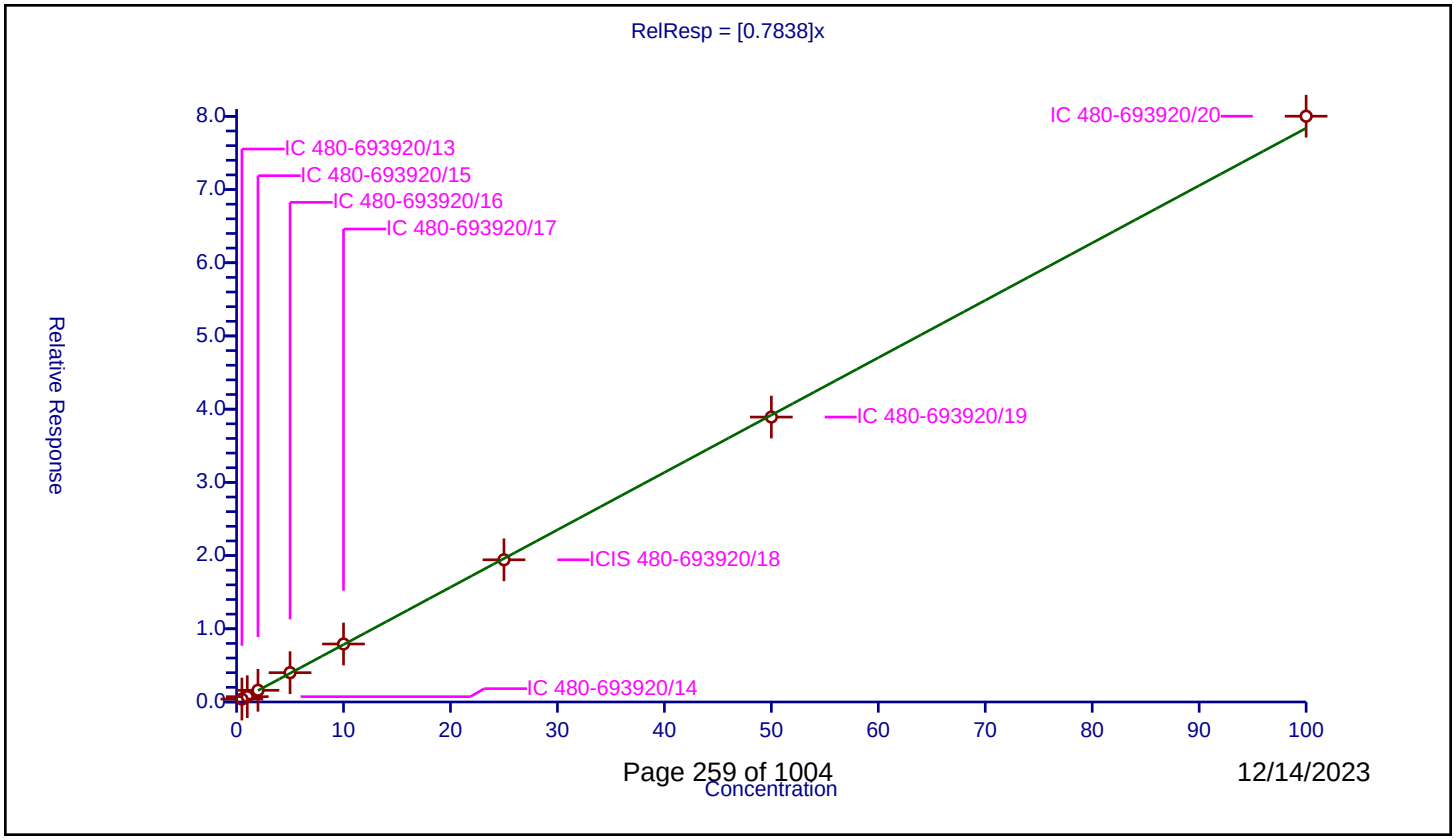
Curve Coefficients

Intercept:	0
Slope:	0.7838

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.397704	25.0	739683.0	0.795408	Y
2	IC 480-693920/14	1.0	0.727277	25.0	687118.0	0.727277	Y
3	IC 480-693920/15	2.0	1.597602	25.0	703273.0	0.798801	Y
4	IC 480-693920/16	5.0	4.005192	25.0	751150.0	0.801038	Y
5	IC 480-693920/17	10.0	7.922093	25.0	739025.0	0.792209	Y
6	ICIS 480-693920/18	25.0	19.425647	25.0	731762.0	0.777026	Y
7	IC 480-693920/19	50.0	38.920116	25.0	764374.0	0.778402	Y
8	IC 480-693920/20	100.0	80.017228	25.0	781881.0	0.800172	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

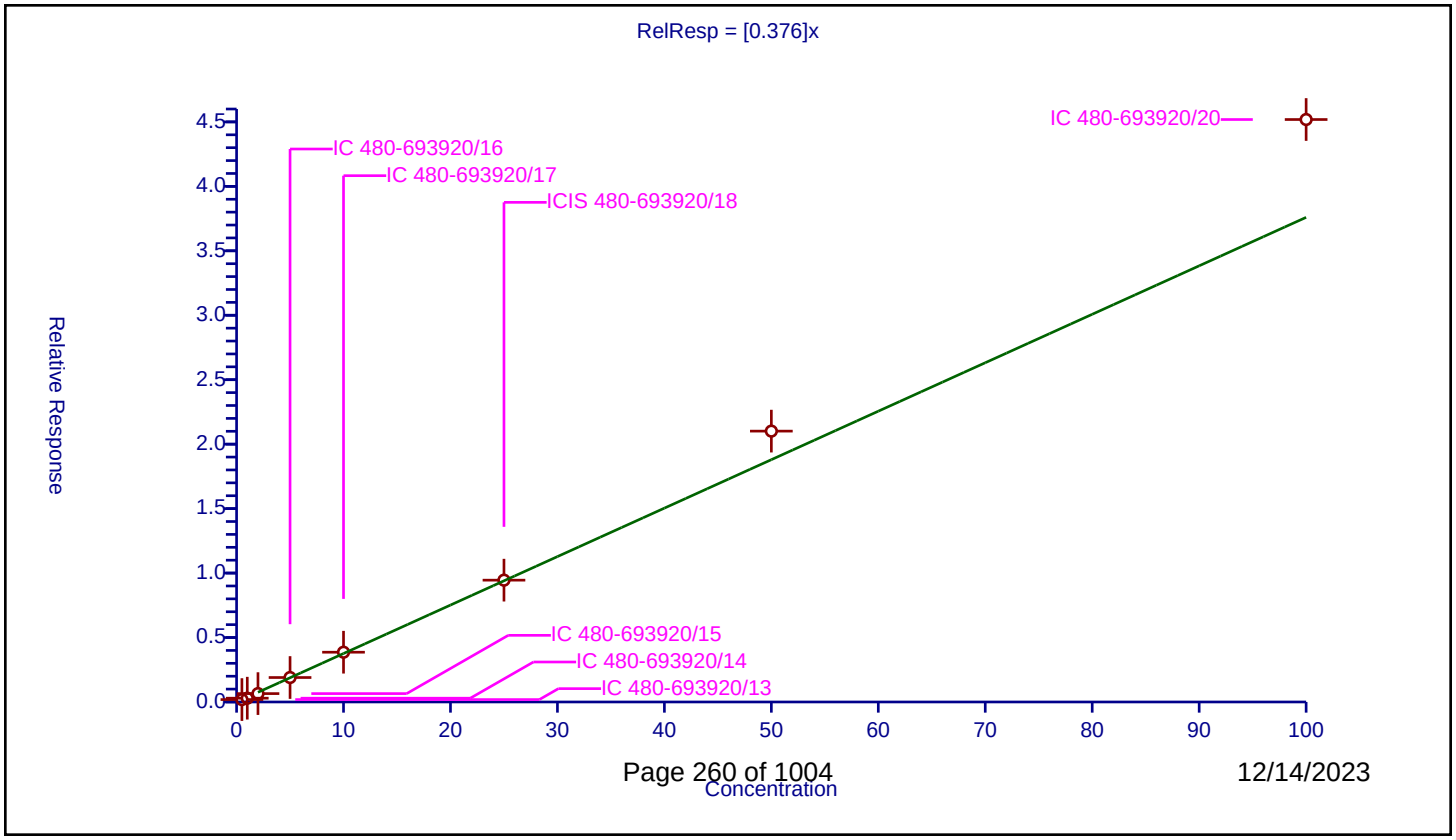
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	598000
Relative Standard Error:	13.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.18633	25.0	739683.0	0.37266	Y
2	IC 480-693920/14	1.0	0.2938	25.0	687118.0	0.2938	Y
3	IC 480-693920/15	2.0	0.650779	25.0	703273.0	0.325389	Y
4	IC 480-693920/16	5.0	1.897424	25.0	751150.0	0.379485	Y
5	IC 480-693920/17	10.0	3.861405	25.0	739025.0	0.386141	Y
6	ICIS 480-693920/18	25.0	9.450921	25.0	731762.0	0.378037	Y
7	IC 480-693920/19	50.0	21.01275	25.0	764374.0	0.420255	Y
8	IC 480-693920/20	100.0	45.184178	25.0	781881.0	0.451842	Y



Calibration / Ethyl methacrylate

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

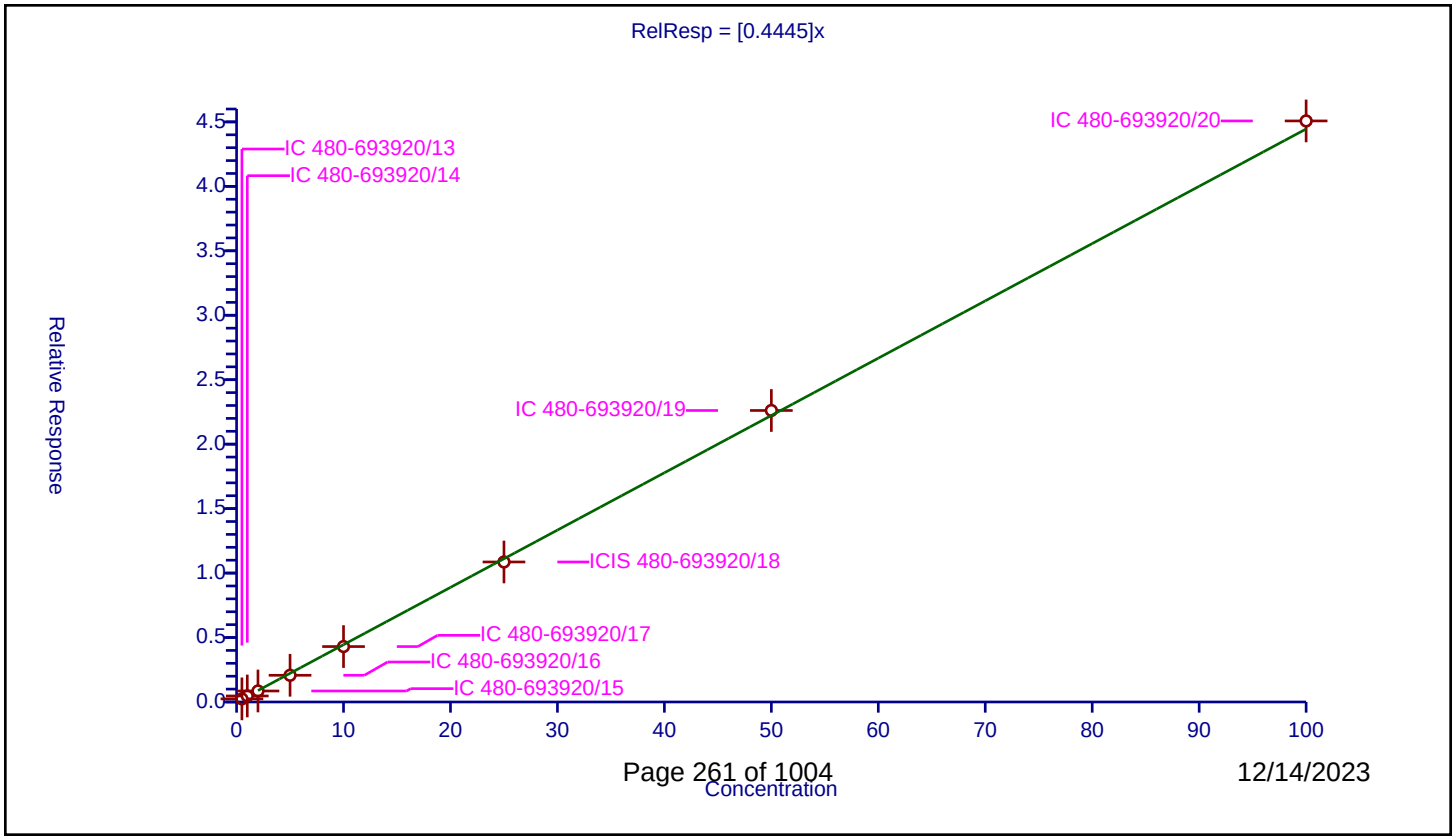
Curve Coefficients

Intercept:	0
Slope:	0.4445

Error Coefficients

Standard Error:	608000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.240103	25.0	739683.0	0.480206	Y
2	IC 480-693920/14	1.0	0.467169	25.0	687118.0	0.467169	Y
3	IC 480-693920/15	2.0	0.854291	25.0	703273.0	0.427146	Y
4	IC 480-693920/16	5.0	2.070891	25.0	751150.0	0.414178	Y
5	IC 480-693920/17	10.0	4.299076	25.0	739025.0	0.429908	Y
6	ICIS 480-693920/18	25.0	10.861865	25.0	731762.0	0.434475	Y
7	IC 480-693920/19	50.0	22.614061	25.0	764374.0	0.452281	Y
8	IC 480-693920/20	100.0	45.075721	25.0	781881.0	0.450757	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

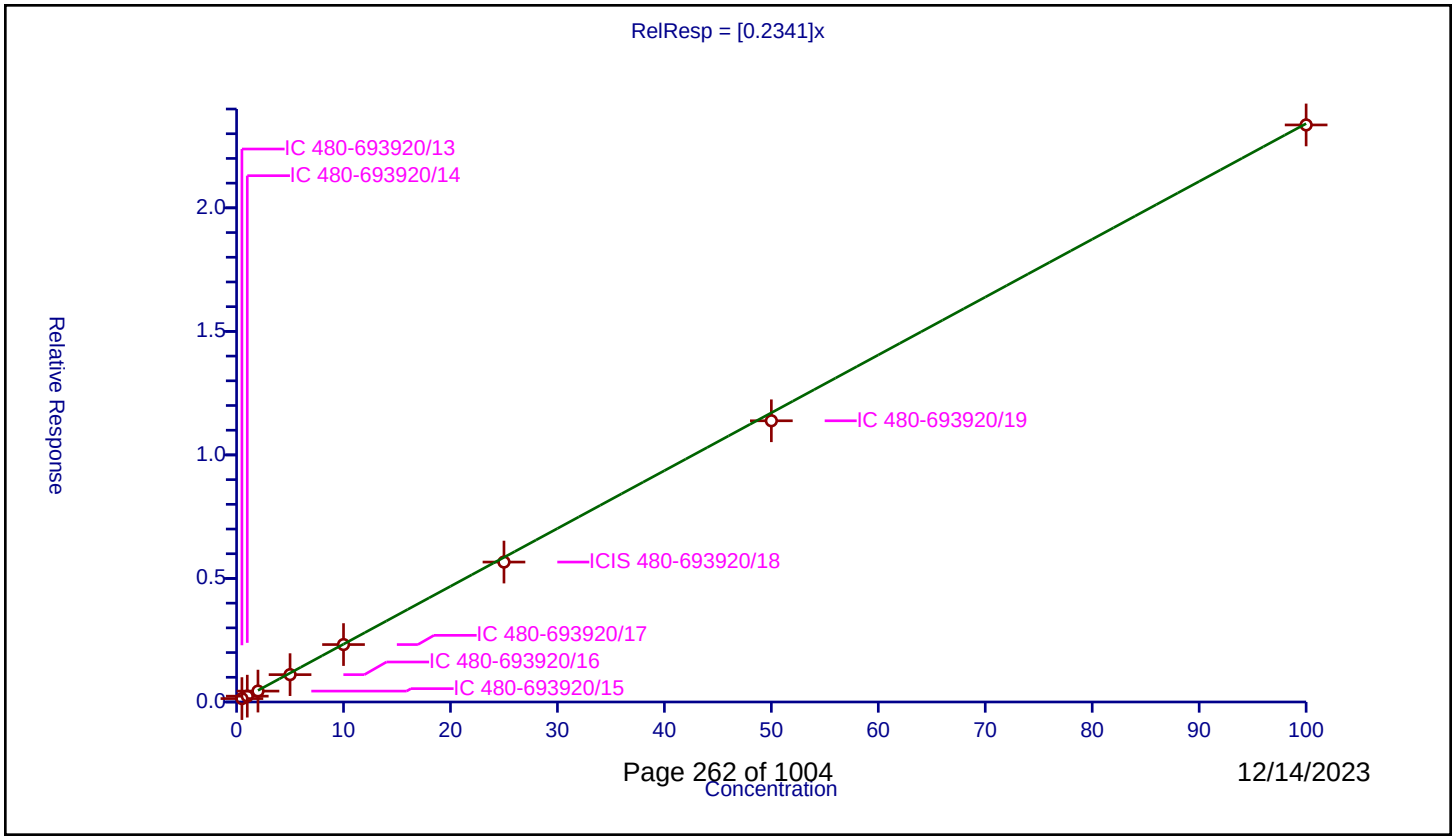
Curve Coefficients

Intercept:	0
Slope:	0.2341

Error Coefficients

Standard Error:	314000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.137694	25.0	739683.0	0.275388	Y
2	IC 480-693920/14	1.0	0.23544	25.0	687118.0	0.23544	Y
3	IC 480-693920/15	2.0	0.440654	25.0	703273.0	0.220327	Y
4	IC 480-693920/16	5.0	1.107269	25.0	751150.0	0.221454	Y
5	IC 480-693920/17	10.0	2.324549	25.0	739025.0	0.232455	Y
6	ICIS 480-693920/18	25.0	5.663214	25.0	731762.0	0.226529	Y
7	IC 480-693920/19	50.0	11.382157	25.0	764374.0	0.227643	Y
8	IC 480-693920/20	100.0	23.355984	25.0	781881.0	0.23356	Y



Calibration / Tetrachloroethene

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

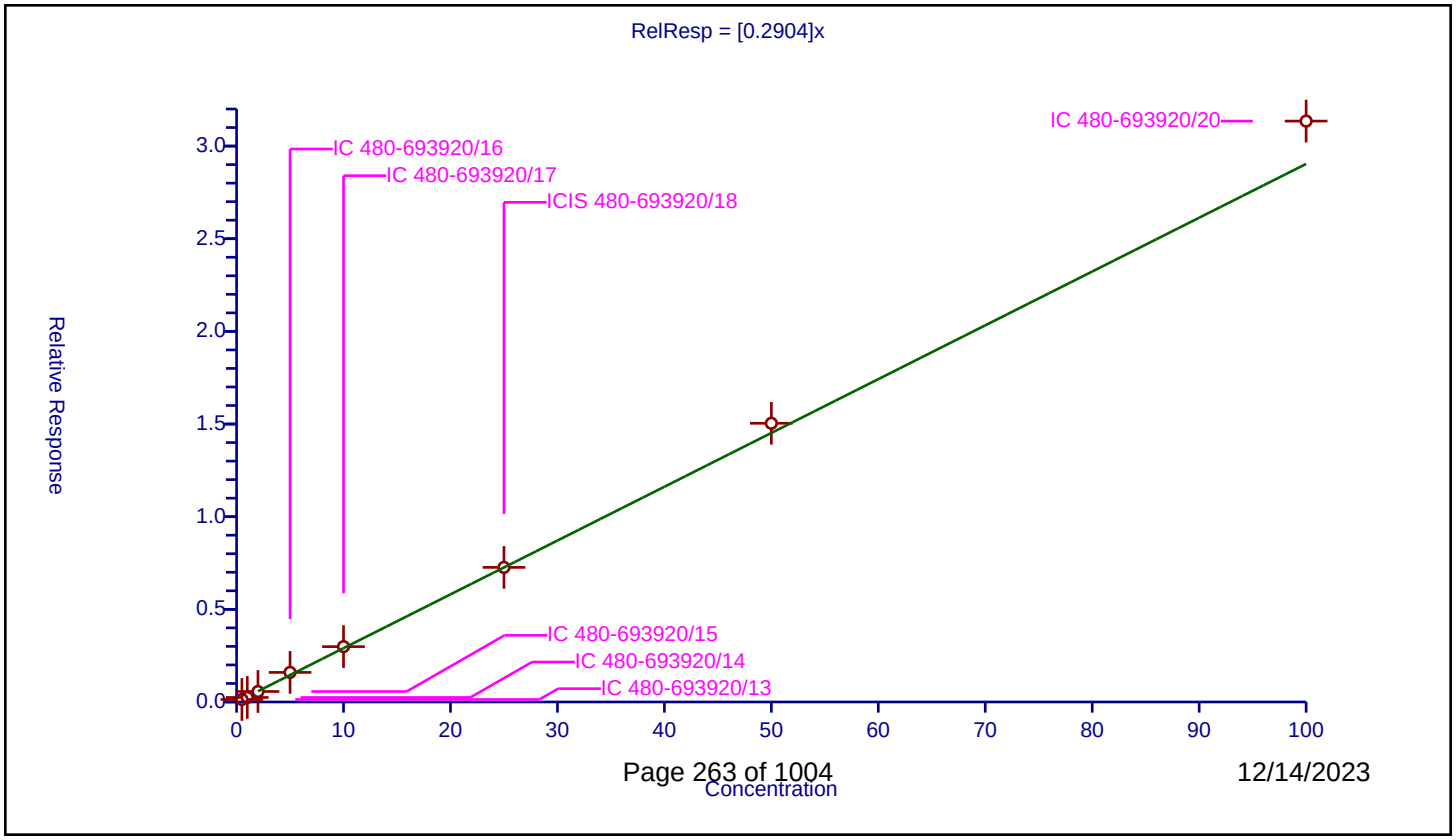
Curve Coefficients

Intercept:	0
Slope:	0.2904

Error Coefficients

Standard Error:	419000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.136477	25.0	739683.0	0.272955	Y
2	IC 480-693920/14	1.0	0.243772	25.0	687118.0	0.243772	Y
3	IC 480-693920/15	2.0	0.566245	25.0	703273.0	0.283123	Y
4	IC 480-693920/16	5.0	1.597284	25.0	751150.0	0.319457	Y
5	IC 480-693920/17	10.0	2.987484	25.0	739025.0	0.298748	Y
6	ICIS 480-693920/18	25.0	7.264213	25.0	731762.0	0.290569	Y
7	IC 480-693920/19	50.0	15.041197	25.0	764374.0	0.300824	Y
8	IC 480-693920/20	100.0	31.348792	25.0	781881.0	0.313488	Y



Calibration / 1,3-Dichloropropane

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

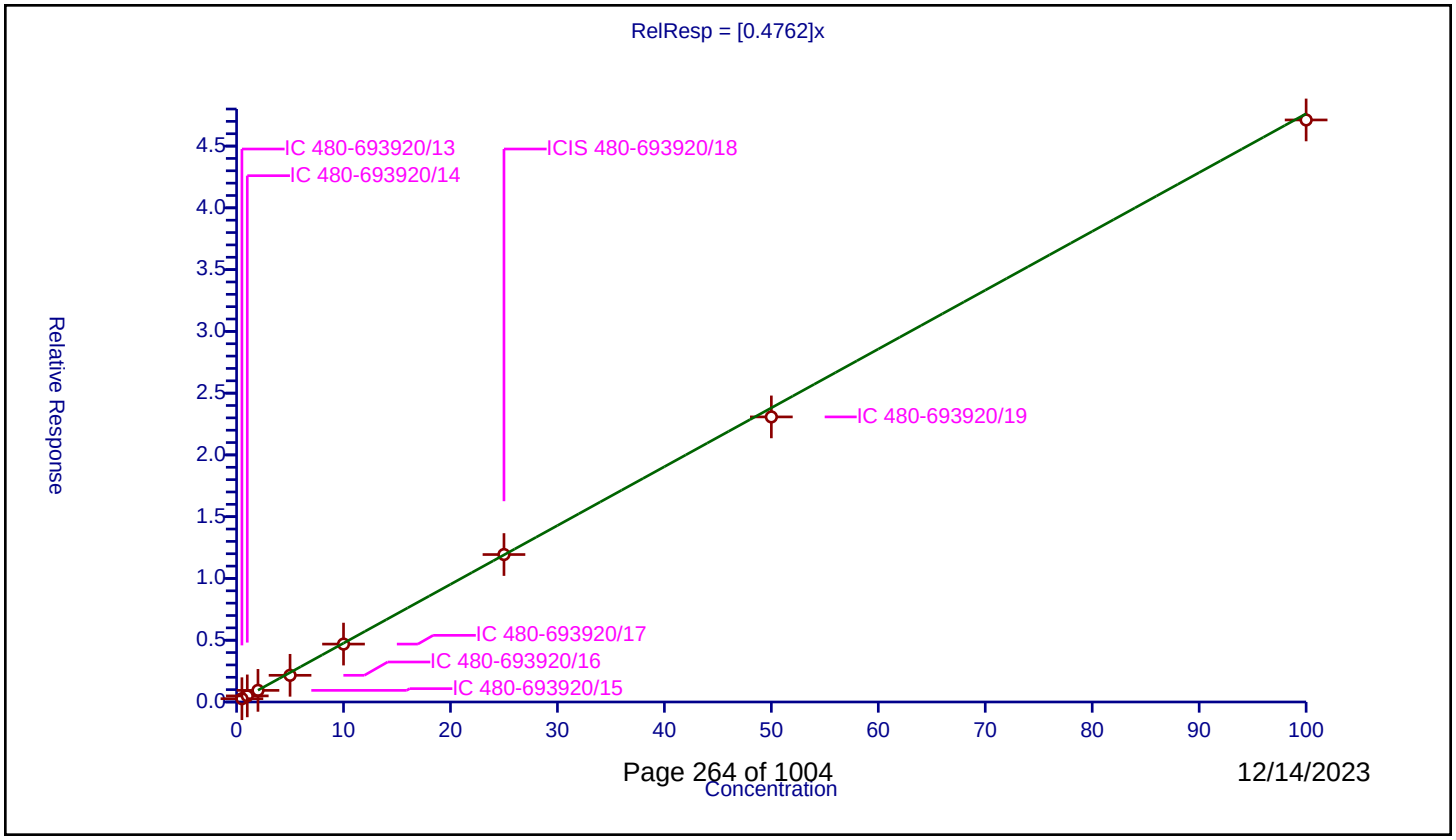
Curve Coefficients

Intercept:	0
Slope:	0.4762

Error Coefficients

Standard Error:	634000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.267378	25.0	739683.0	0.534756	Y
2	IC 480-693920/14	1.0	0.493874	25.0	687118.0	0.493874	Y
3	IC 480-693920/15	2.0	0.940033	25.0	703273.0	0.470017	Y
4	IC 480-693920/16	5.0	2.159655	25.0	751150.0	0.431931	Y
5	IC 480-693920/17	10.0	4.687426	25.0	739025.0	0.468743	Y
6	ICIS 480-693920/18	25.0	11.935028	25.0	731762.0	0.477401	Y
7	IC 480-693920/19	50.0	23.076432	25.0	764374.0	0.461529	Y
8	IC 480-693920/20	100.0	47.11497	25.0	781881.0	0.47115	Y



Calibration / 2-Hexanone

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

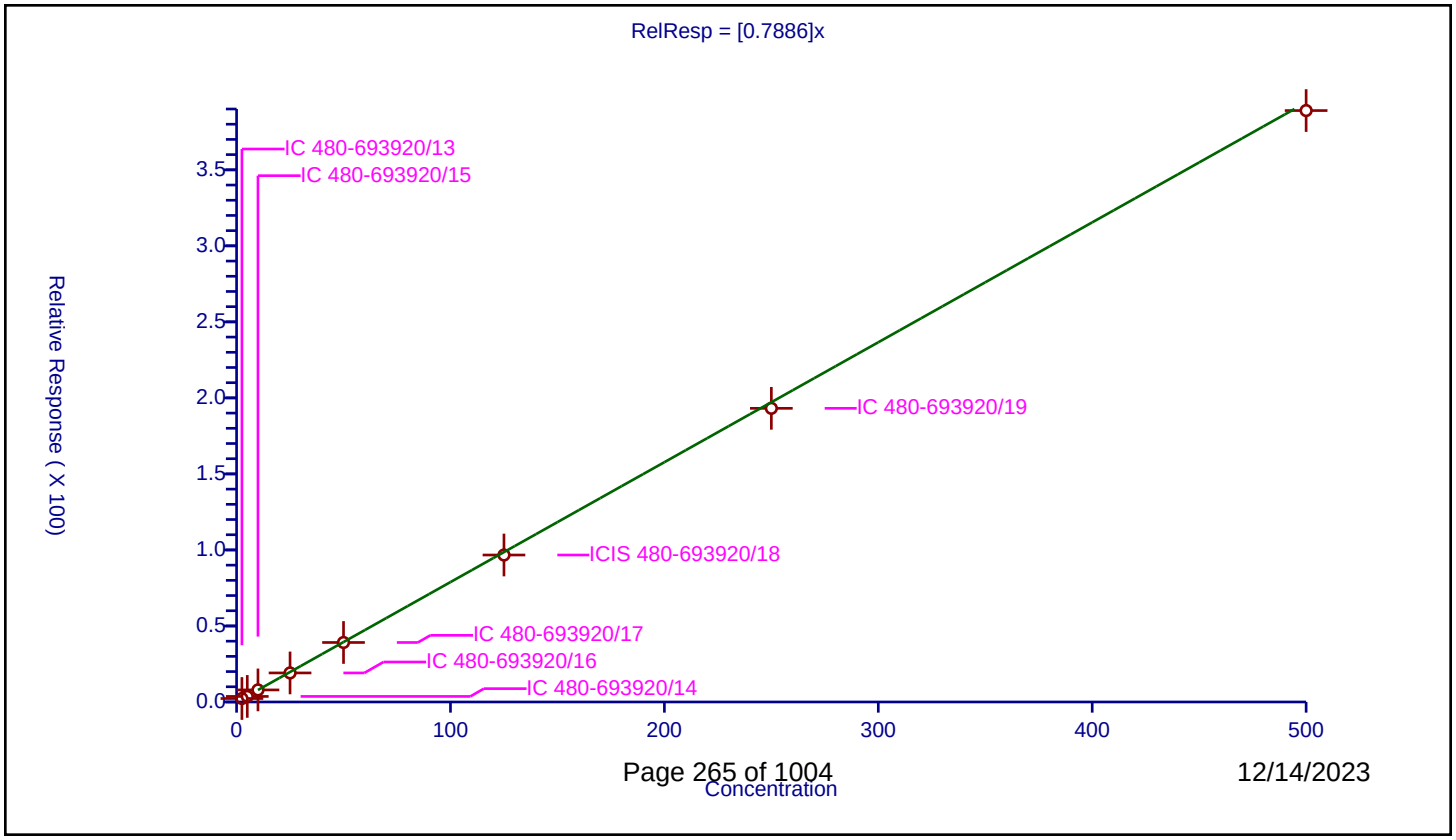
Curve Coefficients

Intercept:	0
Slope:	0.7886

Error Coefficients

Standard Error:	5250000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	2.5	2.282498	25.0	739683.0	0.912999	Y
2	IC 480-693920/14	5.0	3.655922	25.0	687118.0	0.731184	Y
3	IC 480-693920/15	10.0	7.93433	25.0	703273.0	0.793433	Y
4	IC 480-693920/16	25.0	19.11276	25.0	751150.0	0.76451	Y
5	IC 480-693920/17	50.0	39.140455	25.0	739025.0	0.782809	Y
6	ICIS 480-693920/18	125.0	96.658716	25.0	731762.0	0.77327	Y
7	IC 480-693920/19	250.0	193.149165	25.0	764374.0	0.772597	Y
8	IC 480-693920/20	500.0	388.979685	25.0	781881.0	0.777959	Y



Calibration / Chlorodibromomethane

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

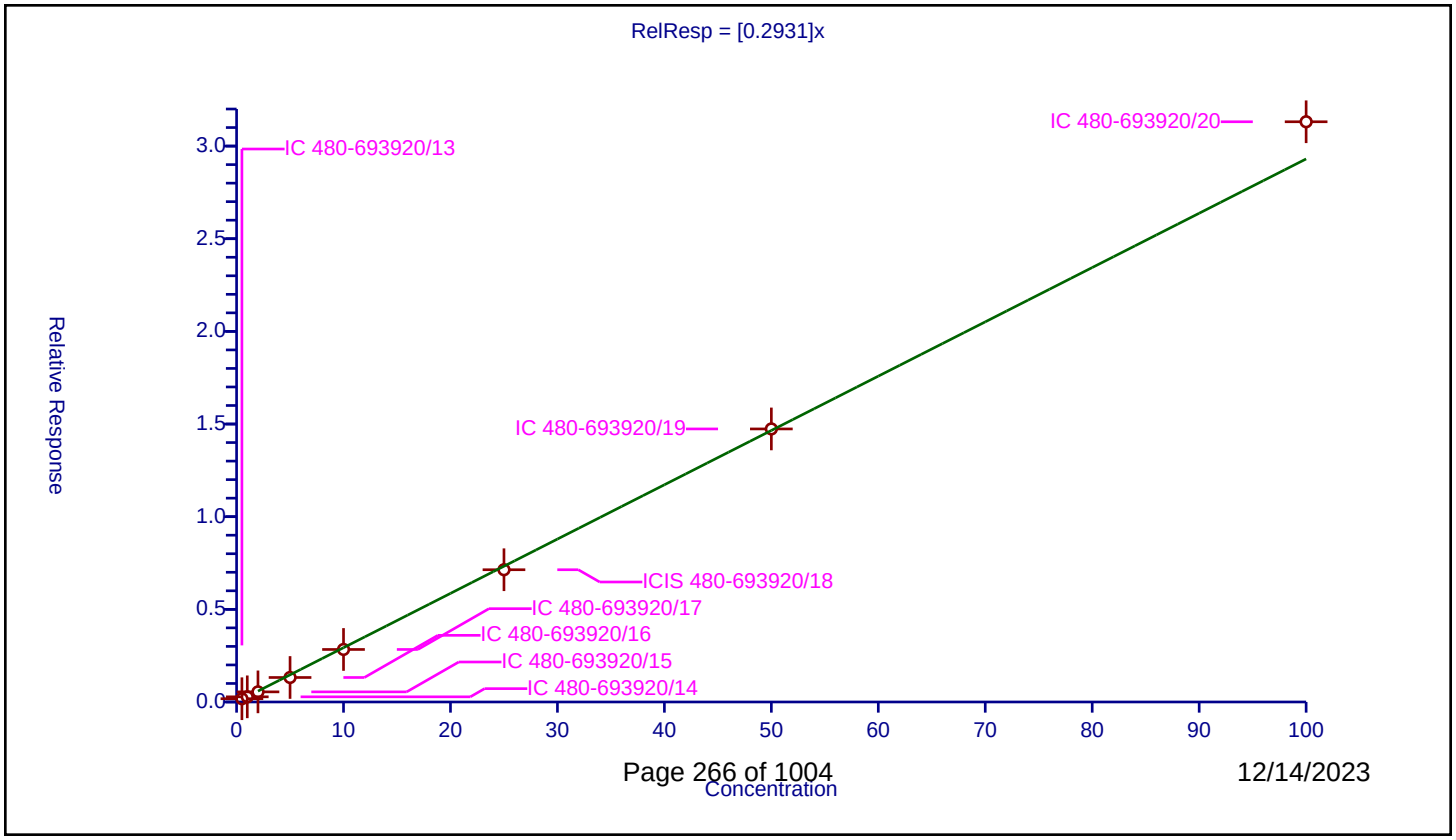
Curve Coefficients

Intercept:	0
Slope:	0.2931

Error Coefficients

Standard Error:	417000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.176021	25.0	739683.0	0.352043	Y
2	IC 480-693920/14	1.0	0.278373	25.0	687118.0	0.278373	Y
3	IC 480-693920/15	2.0	0.545627	25.0	703273.0	0.272814	Y
4	IC 480-693920/16	5.0	1.322173	25.0	751150.0	0.264435	Y
5	IC 480-693920/17	10.0	2.834715	25.0	739025.0	0.283471	Y
6	ICIS 480-693920/18	25.0	7.136952	25.0	731762.0	0.285478	Y
7	IC 480-693920/19	50.0	14.735653	25.0	764374.0	0.294713	Y
8	IC 480-693920/20	100.0	31.31199	25.0	781881.0	0.31312	Y



Calibration / Ethylene Dibromide

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

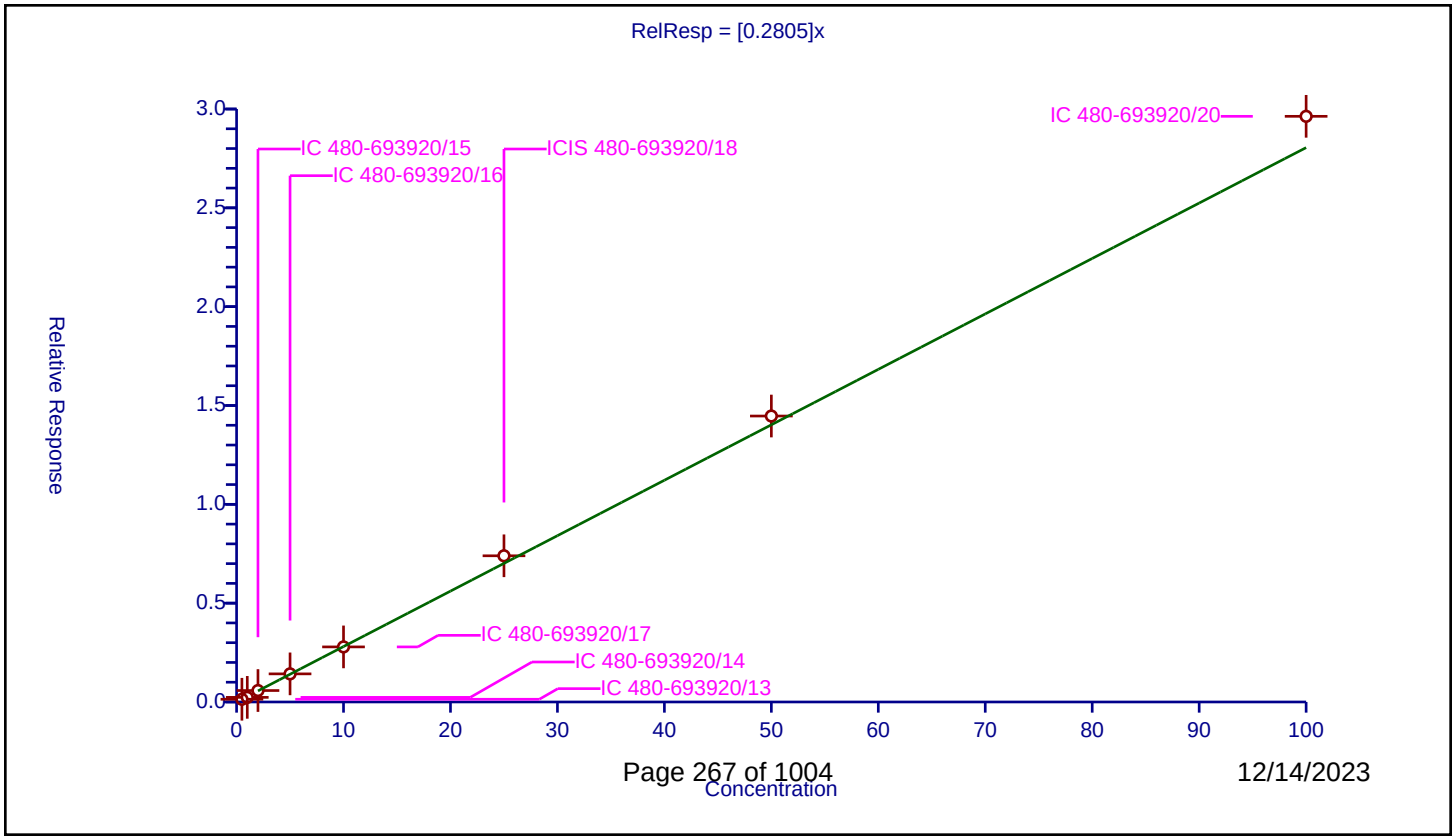
Curve Coefficients

Intercept:	0
Slope:	0.2805

Error Coefficients

Standard Error:	398000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.137796	25.0	739683.0	0.275591	Y
2	IC 480-693920/14	1.0	0.233875	25.0	687118.0	0.233875	Y
3	IC 480-693920/15	2.0	0.579256	25.0	703273.0	0.289628	Y
4	IC 480-693920/16	5.0	1.422585	25.0	751150.0	0.284517	Y
5	IC 480-693920/17	10.0	2.786442	25.0	739025.0	0.278644	Y
6	ICIS 480-693920/18	25.0	7.39595	25.0	731762.0	0.295838	Y
7	IC 480-693920/19	50.0	14.467656	25.0	764374.0	0.289353	Y
8	IC 480-693920/20	100.0	29.63066	25.0	781881.0	0.296307	Y



Calibration / Chlorobenzene

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

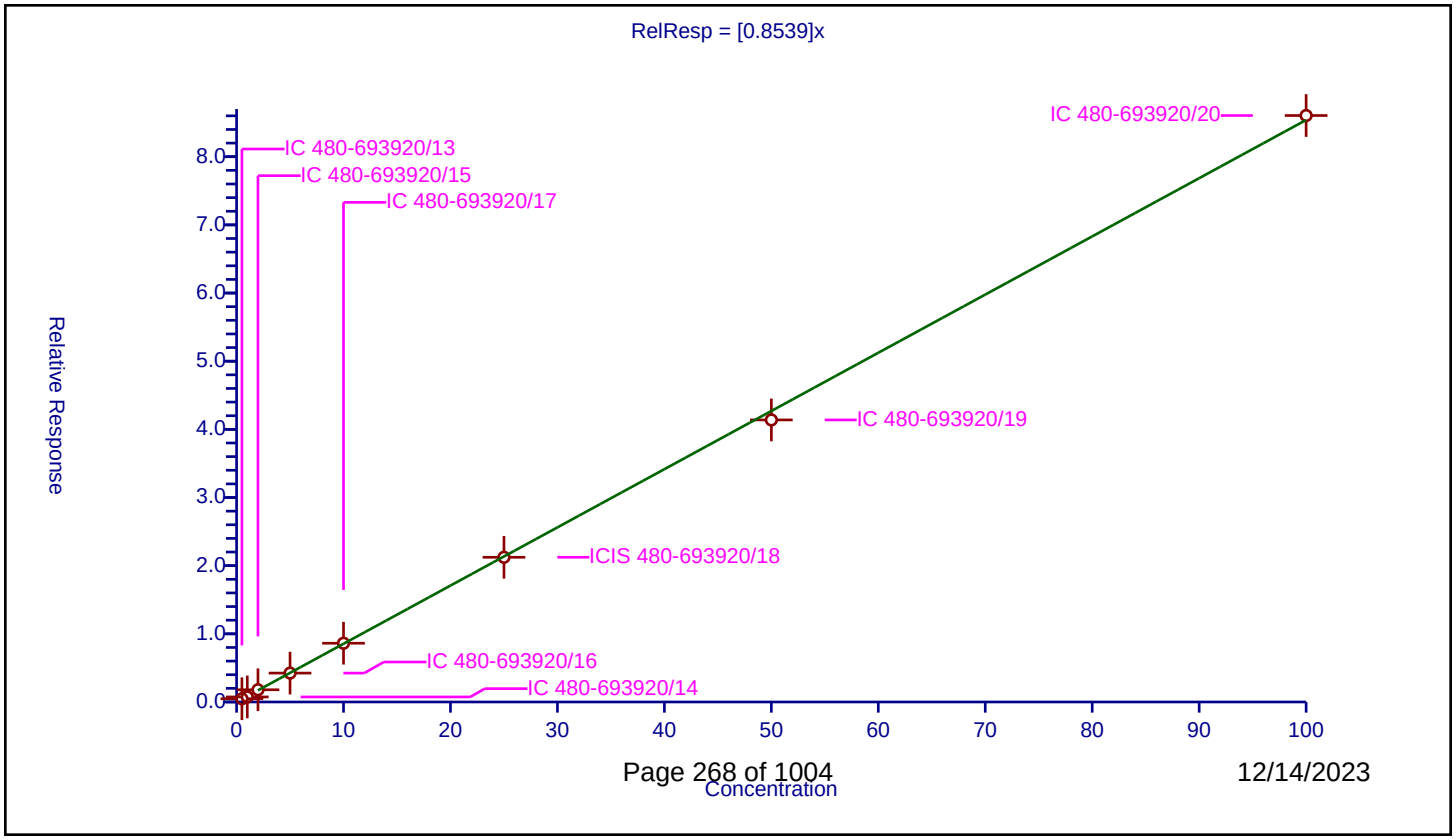
Curve Coefficients

Intercept:	0
Slope:	0.8539

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.473446	25.0	739683.0	0.946892	Y
2	IC 480-693920/14	1.0	0.740375	25.0	687118.0	0.740375	Y
3	IC 480-693920/15	2.0	1.793685	25.0	703273.0	0.896842	Y
4	IC 480-693920/16	5.0	4.237569	25.0	751150.0	0.847514	Y
5	IC 480-693920/17	10.0	8.622205	25.0	739025.0	0.86222	Y
6	ICIS 480-693920/18	25.0	21.230229	25.0	731762.0	0.849209	Y
7	IC 480-693920/19	50.0	41.38514	25.0	764374.0	0.827703	Y
8	IC 480-693920/20	100.0	86.044136	25.0	781881.0	0.860441	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

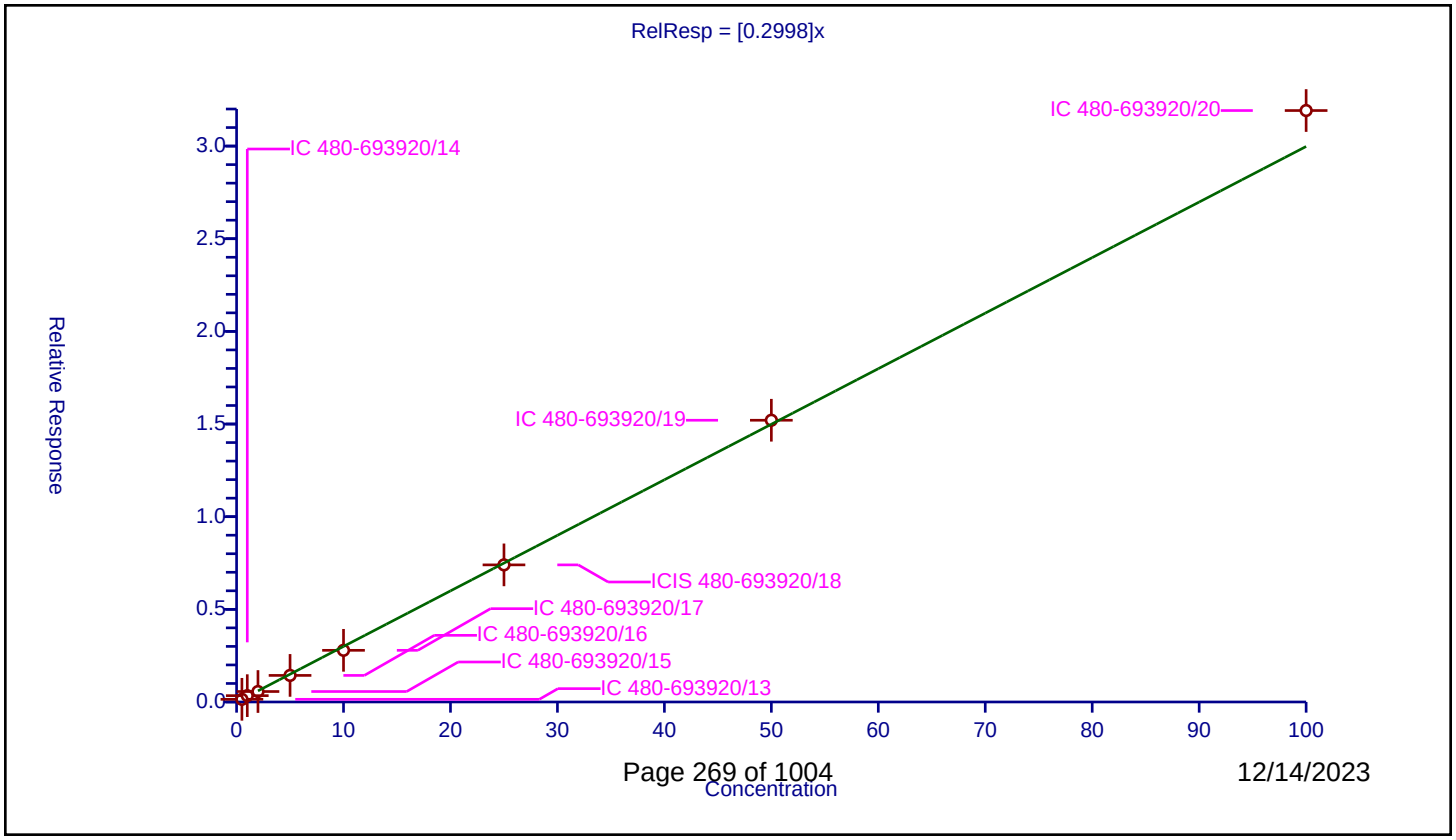
Curve Coefficients

Intercept:	0
Slope:	0.2998

Error Coefficients

Standard Error:	426000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.144758	25.0	739683.0	0.289516	Y
2	IC 480-693920/14	1.0	0.341535	25.0	687118.0	0.341535	Y
3	IC 480-693920/15	2.0	0.564326	25.0	703273.0	0.282163	Y
4	IC 480-693920/16	5.0	1.434634	25.0	751150.0	0.286927	Y
5	IC 480-693920/17	10.0	2.788404	25.0	739025.0	0.27884	Y
6	ICIS 480-693920/18	25.0	7.398444	25.0	731762.0	0.295938	Y
7	IC 480-693920/19	50.0	15.204893	25.0	764374.0	0.304098	Y
8	IC 480-693920/20	100.0	31.91806	25.0	781881.0	0.319181	Y



Calibration / Ethylbenzene

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

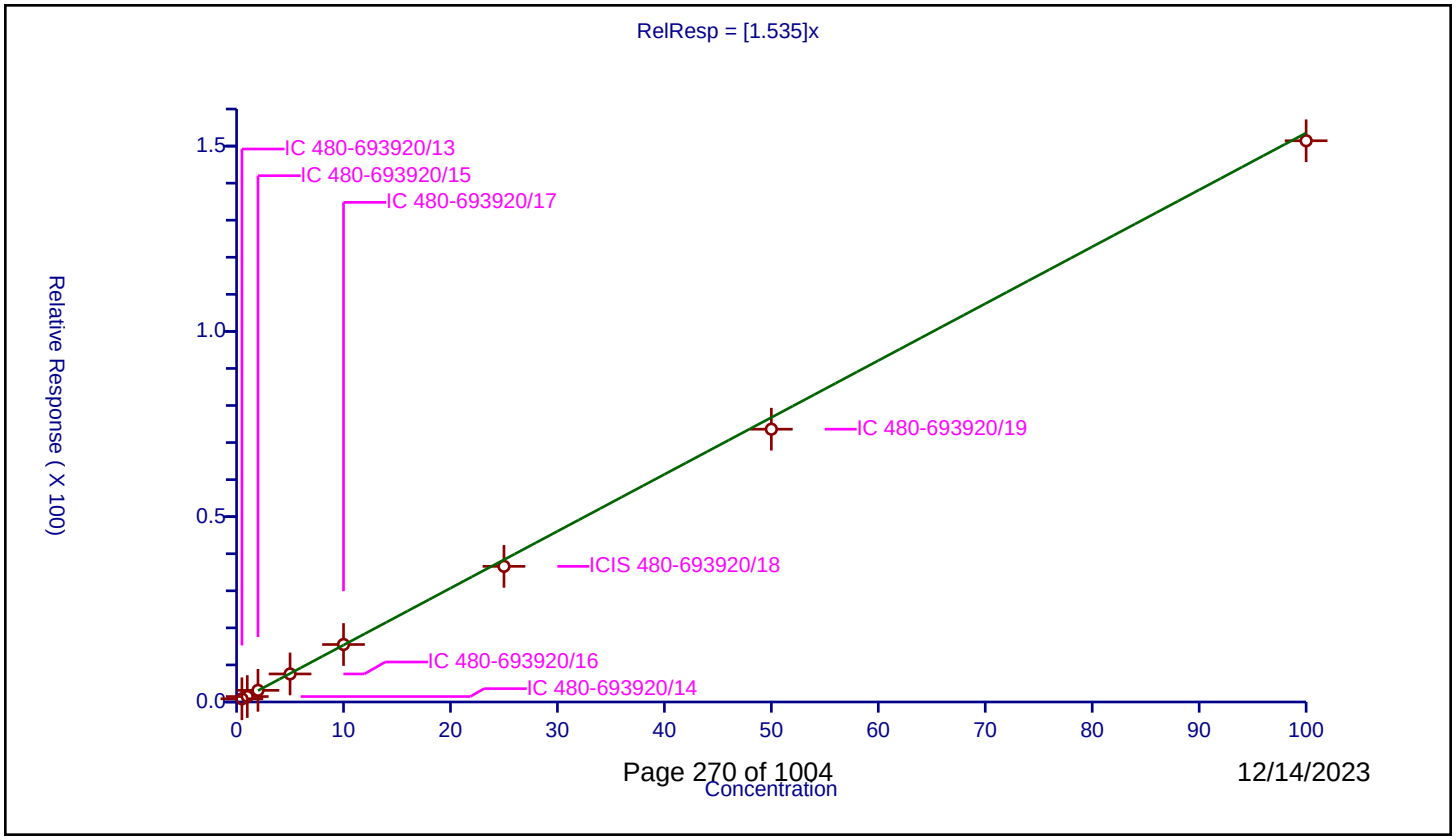
Curve Coefficients

Intercept:	0
Slope:	1.535

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.862768	25.0	739683.0	1.725536	Y
2	IC 480-693920/14	1.0	1.473728	25.0	687118.0	1.473728	Y
3	IC 480-693920/15	2.0	3.138291	25.0	703273.0	1.569145	Y
4	IC 480-693920/16	5.0	7.564102	25.0	751150.0	1.51282	Y
5	IC 480-693920/17	10.0	15.510199	25.0	739025.0	1.55102	Y
6	ICIS 480-693920/18	25.0	36.60104	25.0	731762.0	1.464042	Y
7	IC 480-693920/19	50.0	73.60703	25.0	764374.0	1.472141	Y
8	IC 480-693920/20	100.0	151.433946	25.0	781881.0	1.514339	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

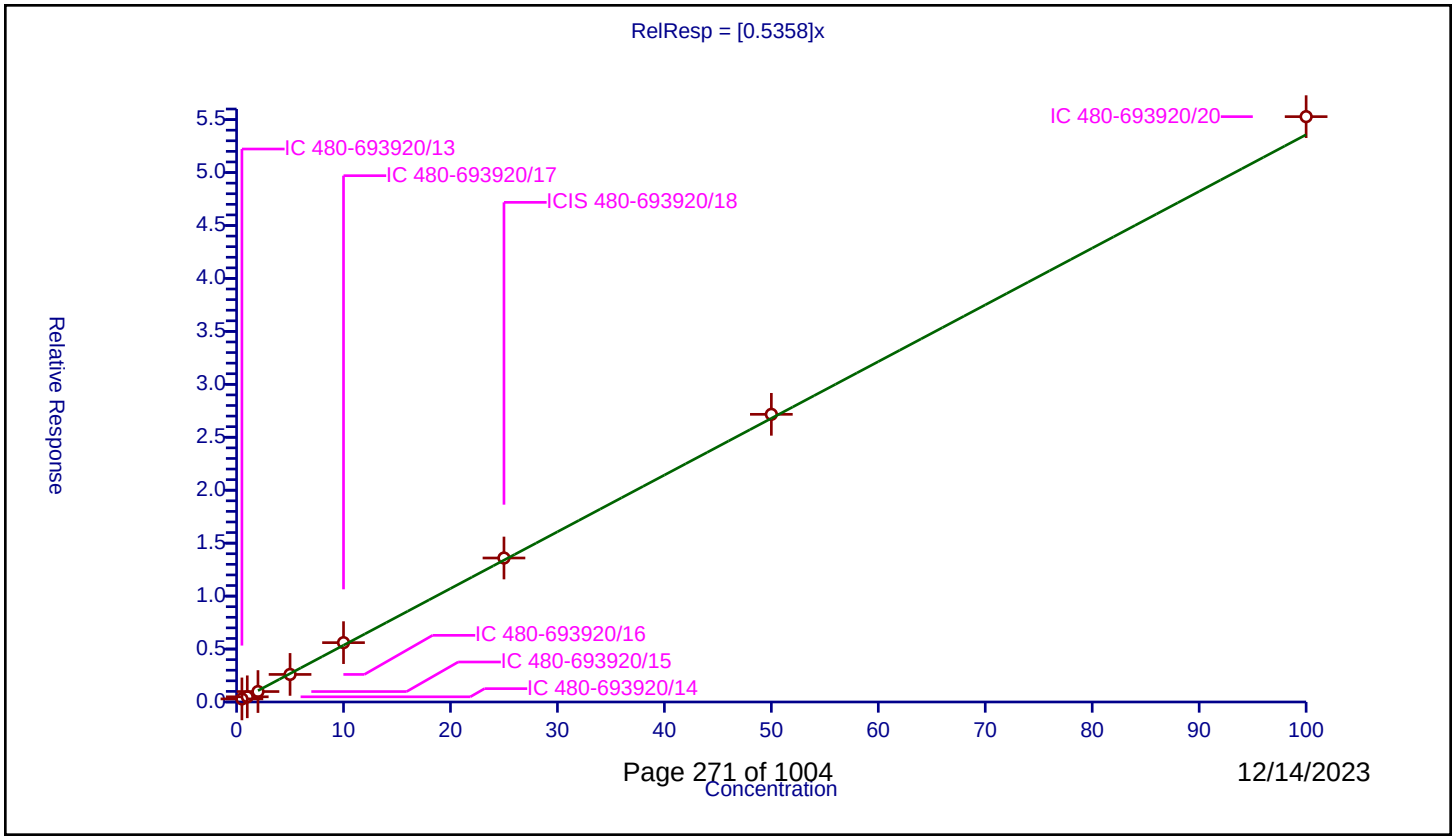
Curve Coefficients

Intercept:	0
Slope:	0.5358

Error Coefficients

Standard Error:	744000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.291003	25.0	739683.0	0.582006	Y
2	IC 480-693920/14	1.0	0.490127	25.0	687118.0	0.490127	Y
3	IC 480-693920/15	2.0	0.985926	25.0	703273.0	0.492963	Y
4	IC 480-693920/16	5.0	2.603009	25.0	751150.0	0.520602	Y
5	IC 480-693920/17	10.0	5.604039	25.0	739025.0	0.560404	Y
6	ICIS 480-693920/18	25.0	13.597385	25.0	731762.0	0.543895	Y
7	IC 480-693920/19	50.0	27.16661	25.0	764374.0	0.543332	Y
8	IC 480-693920/20	100.0	55.278744	25.0	781881.0	0.552787	Y



Calibration / o-Xylene

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

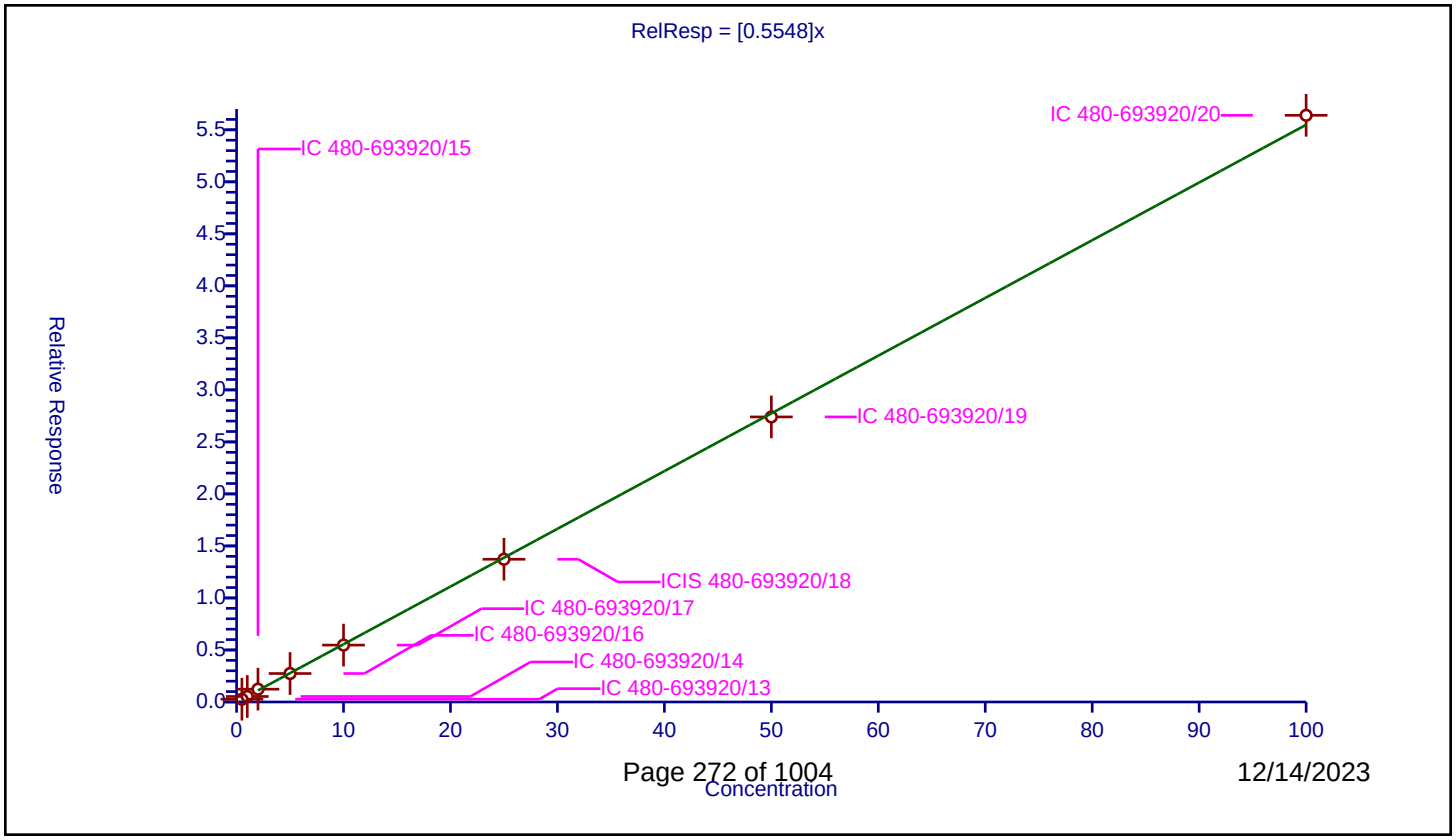
Curve Coefficients

Intercept:	0
Slope:	0.5548

Error Coefficients

Standard Error:	757000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.268933	25.0	739683.0	0.537866	Y
2	IC 480-693920/14	1.0	0.52964	25.0	687118.0	0.52964	Y
3	IC 480-693920/15	2.0	1.232843	25.0	703273.0	0.616421	Y
4	IC 480-693920/16	5.0	2.735206	25.0	751150.0	0.547041	Y
5	IC 480-693920/17	10.0	5.468184	25.0	739025.0	0.546818	Y
6	ICIS 480-693920/18	25.0	13.719625	25.0	731762.0	0.548785	Y
7	IC 480-693920/19	50.0	27.400886	25.0	764374.0	0.548018	Y
8	IC 480-693920/20	100.0	56.394547	25.0	781881.0	0.563945	Y



Calibration / Styrene

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

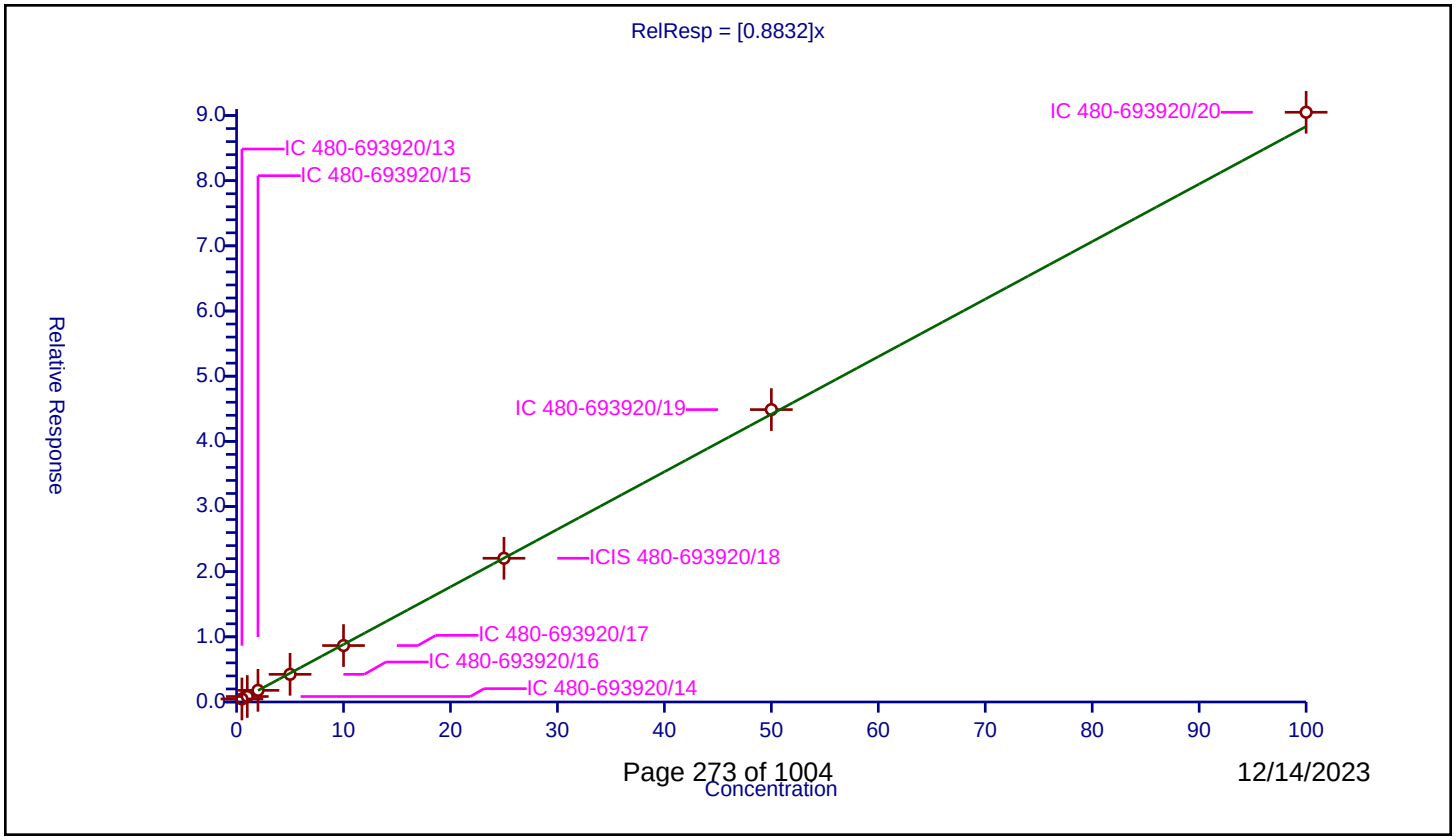
Curve Coefficients

Intercept:	0
Slope:	0.8832

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.464861	25.0	739683.0	0.929723	Y
2	IC 480-693920/14	1.0	0.842868	25.0	687118.0	0.842868	Y
3	IC 480-693920/15	2.0	1.787322	25.0	703273.0	0.893661	Y
4	IC 480-693920/16	5.0	4.243926	25.0	751150.0	0.848785	Y
5	IC 480-693920/17	10.0	8.659924	25.0	739025.0	0.865992	Y
6	ICIS 480-693920/18	25.0	22.055463	25.0	731762.0	0.882219	Y
7	IC 480-693920/19	50.0	44.870378	25.0	764374.0	0.897408	Y
8	IC 480-693920/20	100.0	90.502487	25.0	781881.0	0.905025	Y



Calibration / Bromoform

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

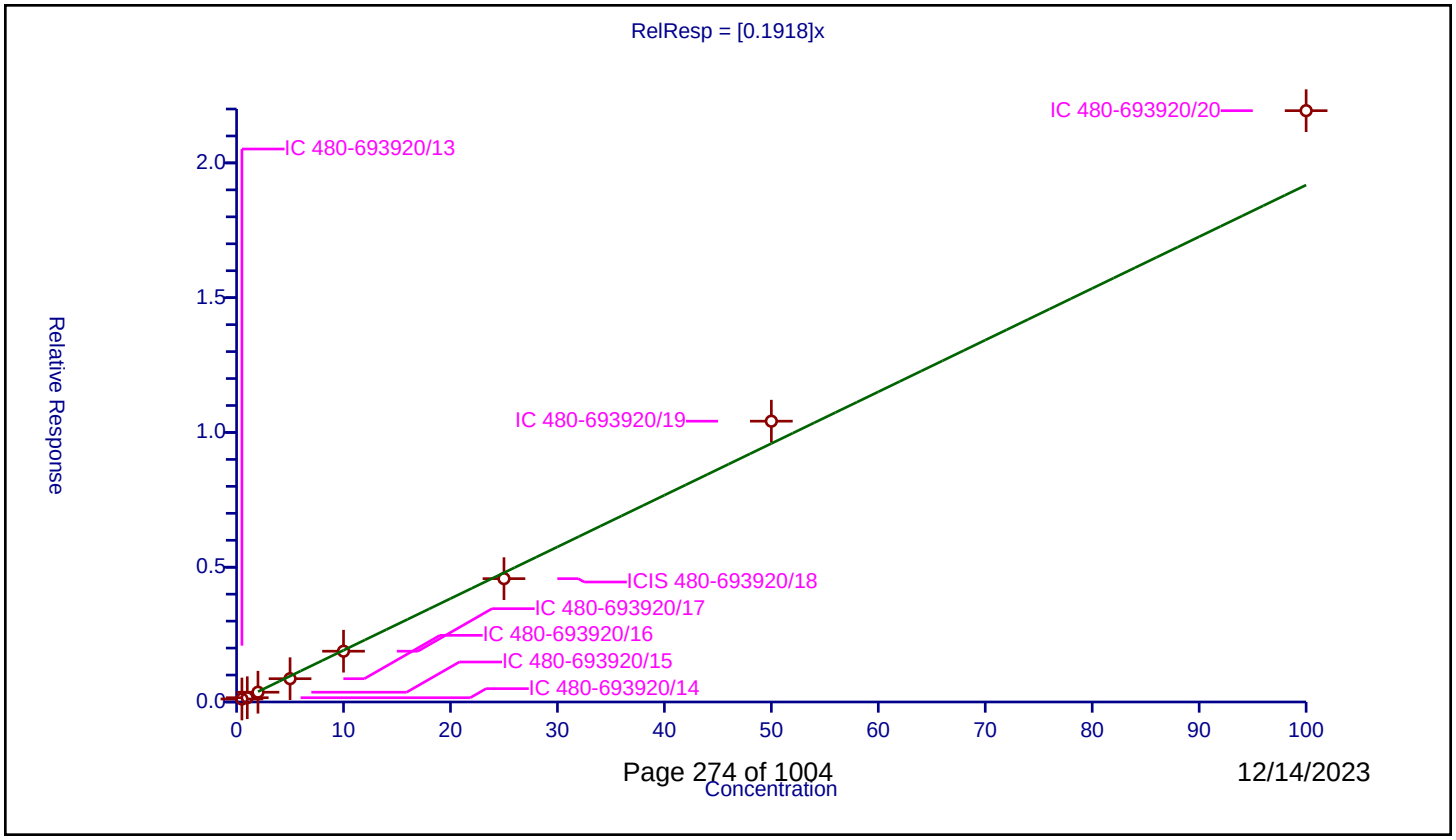
Curve Coefficients

Intercept:	0
Slope:	0.1918

Error Coefficients

Standard Error:	291000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.111162	25.0	739683.0	0.222325	Y
2	IC 480-693920/14	1.0	0.158488	25.0	687118.0	0.158488	Y
3	IC 480-693920/15	2.0	0.362875	25.0	703273.0	0.181437	Y
4	IC 480-693920/16	5.0	0.864308	25.0	751150.0	0.172862	Y
5	IC 480-693920/17	10.0	1.884611	25.0	739025.0	0.188461	Y
6	ICIS 480-693920/18	25.0	4.576385	25.0	731762.0	0.183055	Y
7	IC 480-693920/19	50.0	10.41846	25.0	764374.0	0.208369	Y
8	IC 480-693920/20	100.0	21.938601	25.0	781881.0	0.219386	Y



Calibration / Isopropylbenzene

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

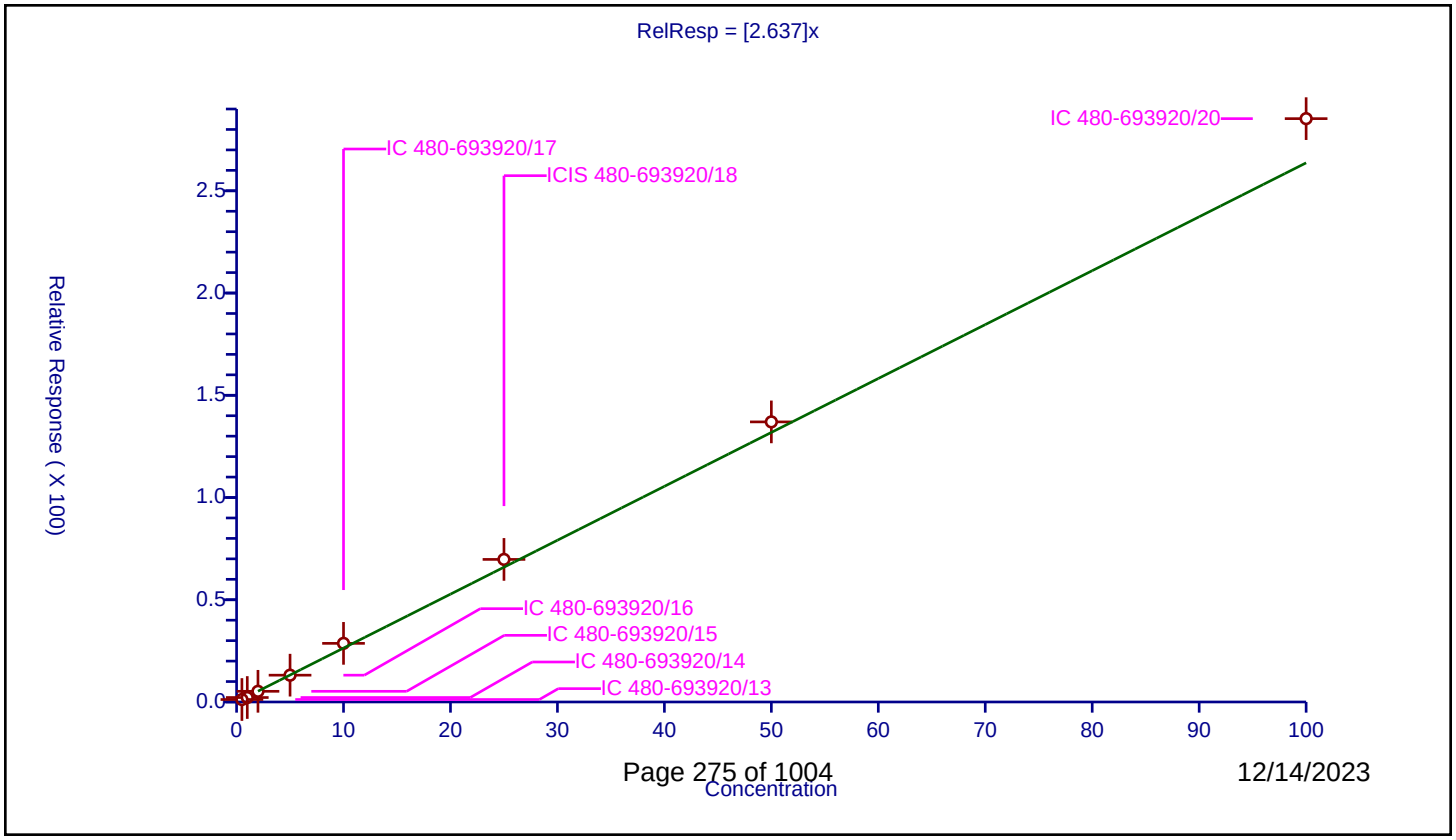
Curve Coefficients

Intercept:	0
Slope:	2.637

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.212142	25.0	387166.0	2.424283	Y
2	IC 480-693920/14	1.0	2.188523	25.0	382701.0	2.188523	Y
3	IC 480-693920/15	2.0	5.218516	25.0	386470.0	2.609258	Y
4	IC 480-693920/16	5.0	13.108349	25.0	409428.0	2.62167	Y
5	IC 480-693920/17	10.0	28.67386	25.0	388134.0	2.867386	Y
6	ICIS 480-693920/18	25.0	69.729042	25.0	393733.0	2.789162	Y
7	IC 480-693920/19	50.0	136.988926	25.0	406986.0	2.739779	Y
8	IC 480-693920/20	100.0	285.294196	25.0	411477.0	2.852942	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

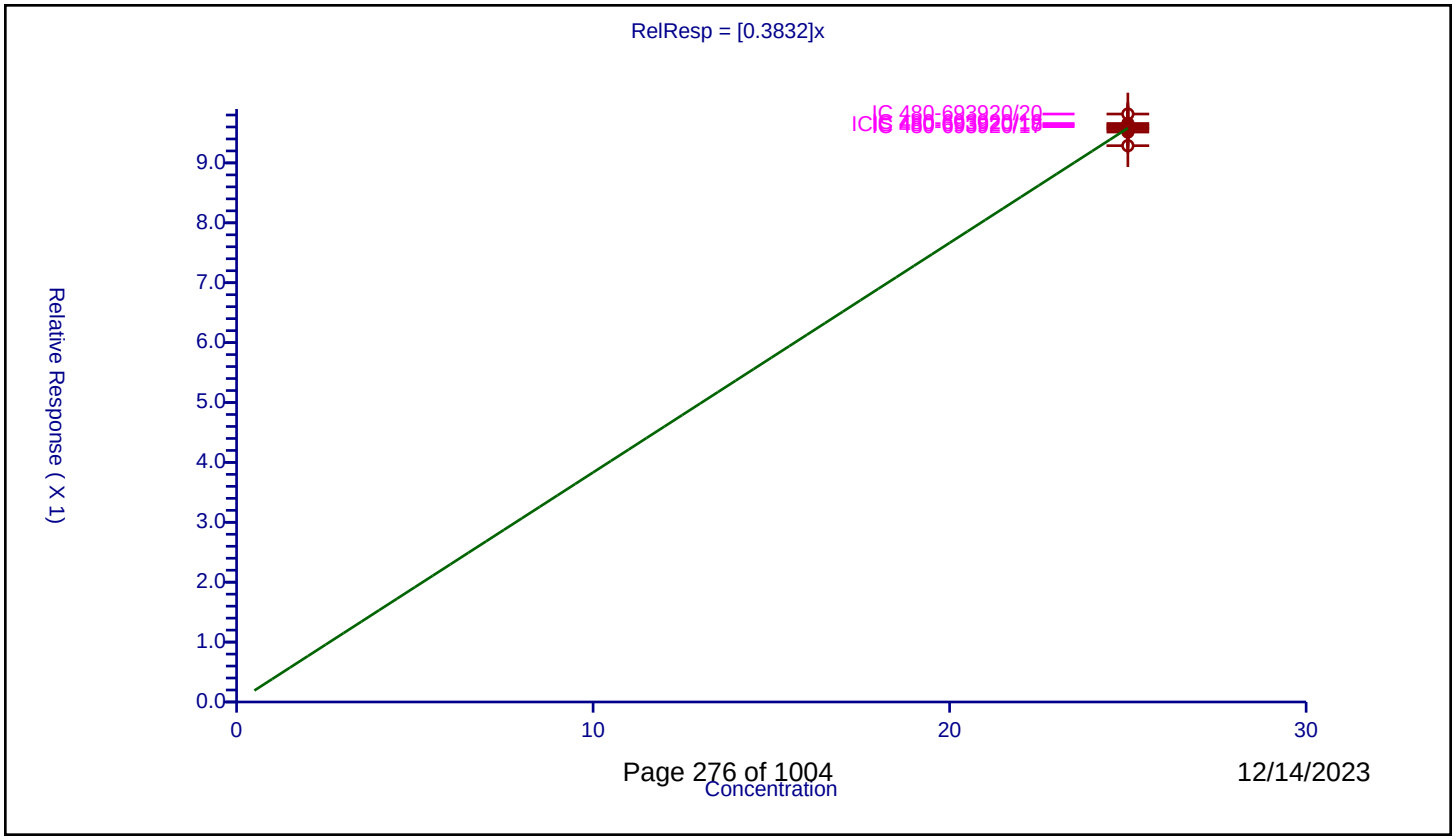
Curve Coefficients

Intercept:	0
Slope:	0.3832

Error Coefficients

Standard Error:	302000
Relative Standard Error:	1.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	25.0	9.287796	25.0	739683.0	0.371512	Y
2	IC 480-693920/14	25.0	9.515287	25.0	687118.0	0.380611	Y
3	IC 480-693920/15	25.0	9.575833	25.0	703273.0	0.383033	Y
4	IC 480-693920/16	25.0	9.658424	25.0	751150.0	0.386337	Y
5	IC 480-693920/17	25.0	9.60546	25.0	739025.0	0.384218	Y
6	ICIS 480-693920/18	25.0	9.632777	25.0	731762.0	0.385311	Y
7	IC 480-693920/19	25.0	9.556153	25.0	764374.0	0.382246	Y
8	IC 480-693920/20	25.0	9.816455	25.0	781881.0	0.392658	Y



Calibration / Bromobenzene

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

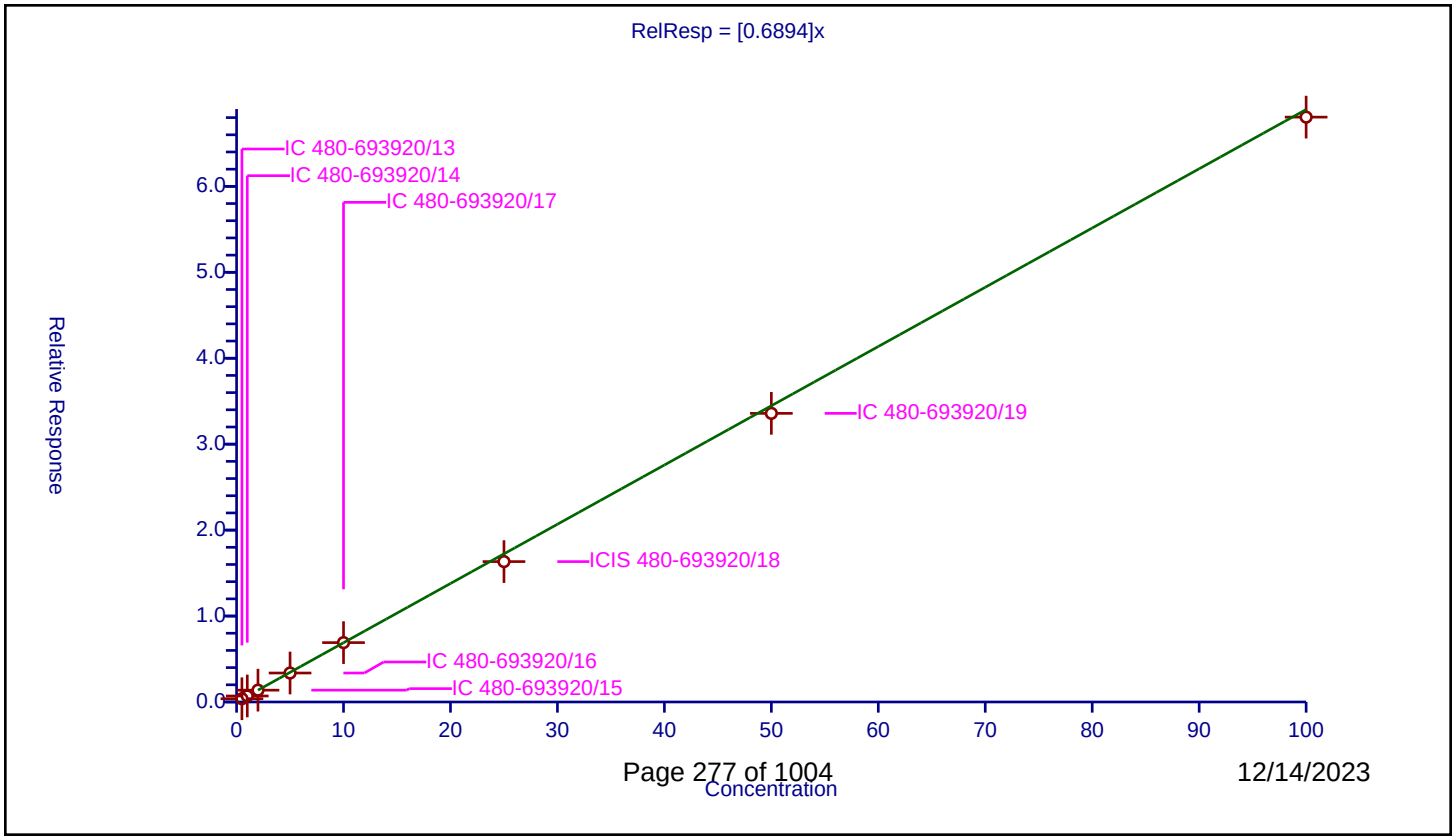
Curve Coefficients

Intercept:	0
Slope:	0.6894

Error Coefficients

Standard Error:	483000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.377551	25.0	387166.0	0.755102	Y
2	IC 480-693920/14	1.0	0.700678	25.0	382701.0	0.700678	Y
3	IC 480-693920/15	2.0	1.377274	25.0	386470.0	0.688637	Y
4	IC 480-693920/16	5.0	3.370006	25.0	409428.0	0.674001	Y
5	IC 480-693920/17	10.0	6.909985	25.0	388134.0	0.690998	Y
6	ICIS 480-693920/18	25.0	16.336896	25.0	393733.0	0.653476	Y
7	IC 480-693920/19	50.0	33.585983	25.0	406986.0	0.67172	Y
8	IC 480-693920/20	100.0	68.057753	25.0	411477.0	0.680578	Y



Calibration / 1,1,2,2-Tetrachloroethane

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

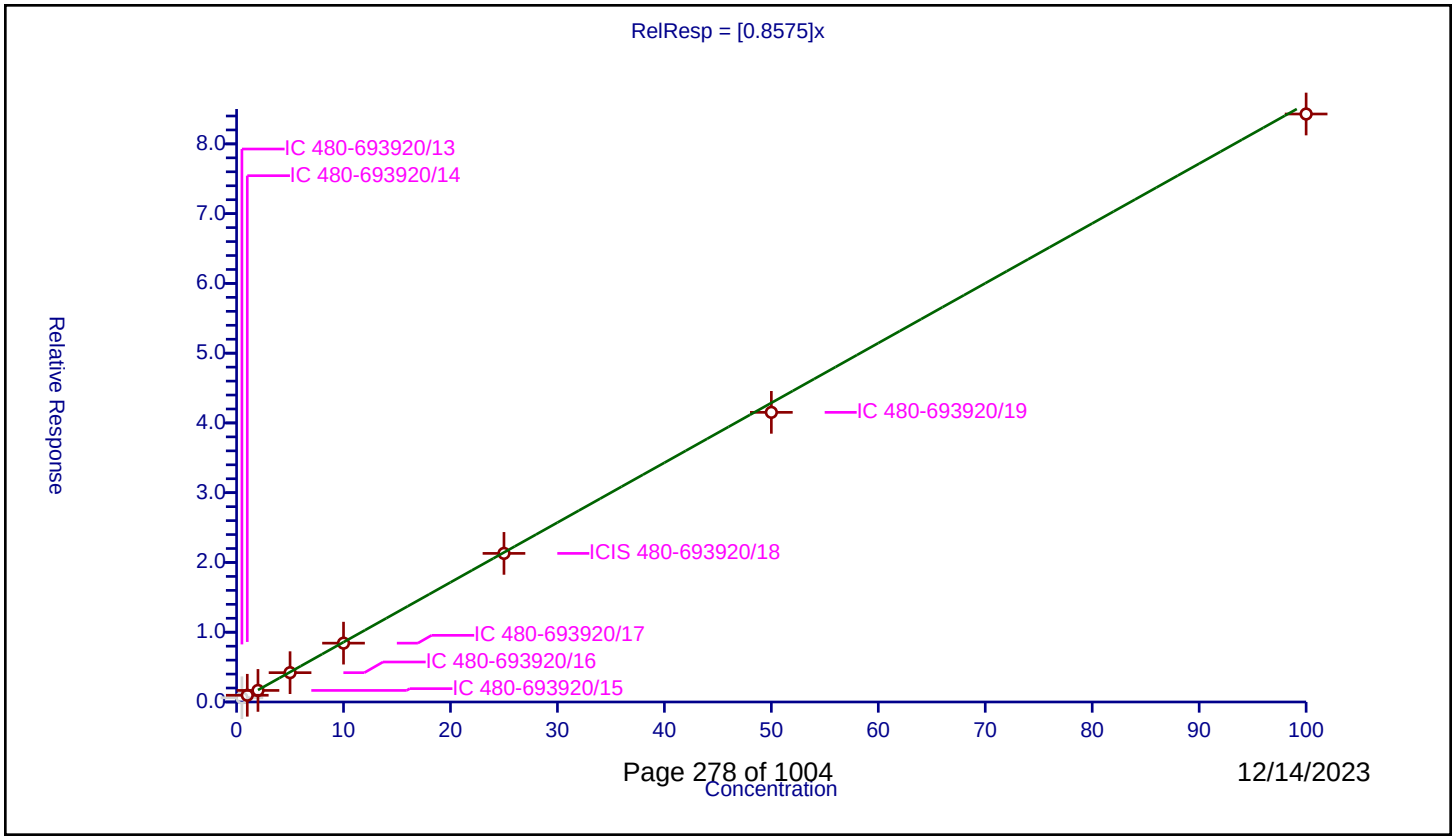
Curve Coefficients

Intercept:	0
Slope:	0.8575

Error Coefficients

Standard Error:	648000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.608331	25.0	387166.0	1.216662	N
2	IC 480-693920/14	1.0	0.964591	25.0	382701.0	0.964591	Y
3	IC 480-693920/15	2.0	1.65705	25.0	386470.0	0.828525	Y
4	IC 480-693920/16	5.0	4.20257	25.0	409428.0	0.840514	Y
5	IC 480-693920/17	10.0	8.433814	25.0	388134.0	0.843381	Y
6	ICIS 480-693920/18	25.0	21.302063	25.0	393733.0	0.852083	Y
7	IC 480-693920/19	50.0	41.518627	25.0	406986.0	0.830373	Y
8	IC 480-693920/20	100.0	84.284784	25.0	411477.0	0.842848	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

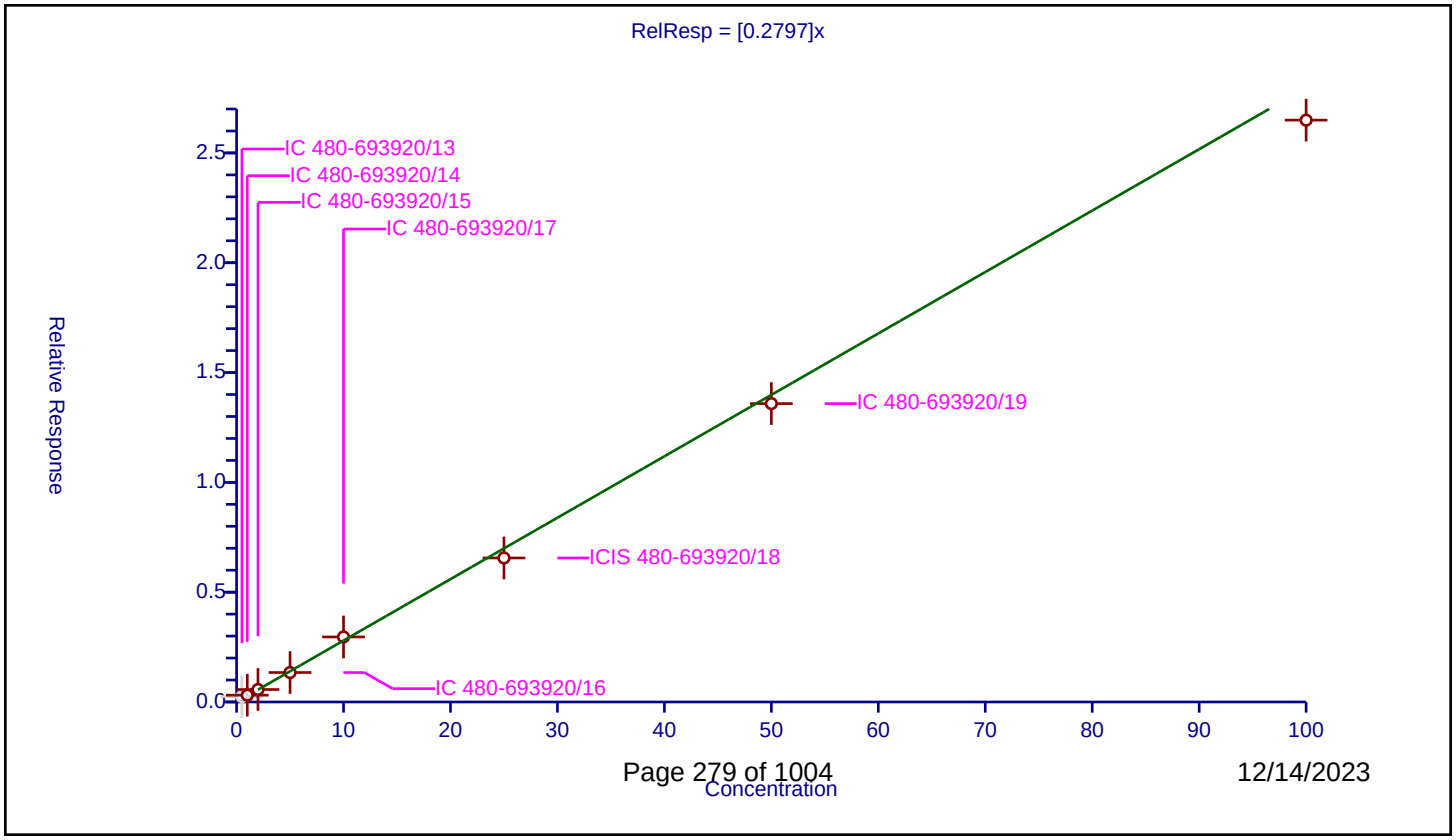
Curve Coefficients

Intercept:	0
Slope:	0.2797

Error Coefficients

Standard Error:	205000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.245696	25.0	387166.0	0.491391	N
2	IC 480-693920/14	1.0	0.310621	25.0	382701.0	0.310621	Y
3	IC 480-693920/15	2.0	0.567638	25.0	386470.0	0.283819	Y
4	IC 480-693920/16	5.0	1.341017	25.0	409428.0	0.268203	Y
5	IC 480-693920/17	10.0	2.960318	25.0	388134.0	0.296032	Y
6	ICIS 480-693920/18	25.0	6.557934	25.0	393733.0	0.262317	Y
7	IC 480-693920/19	50.0	13.586708	25.0	406986.0	0.271734	Y
8	IC 480-693920/20	100.0	26.493704	25.0	411477.0	0.264937	Y



Calibration / N-Propylbenzene

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

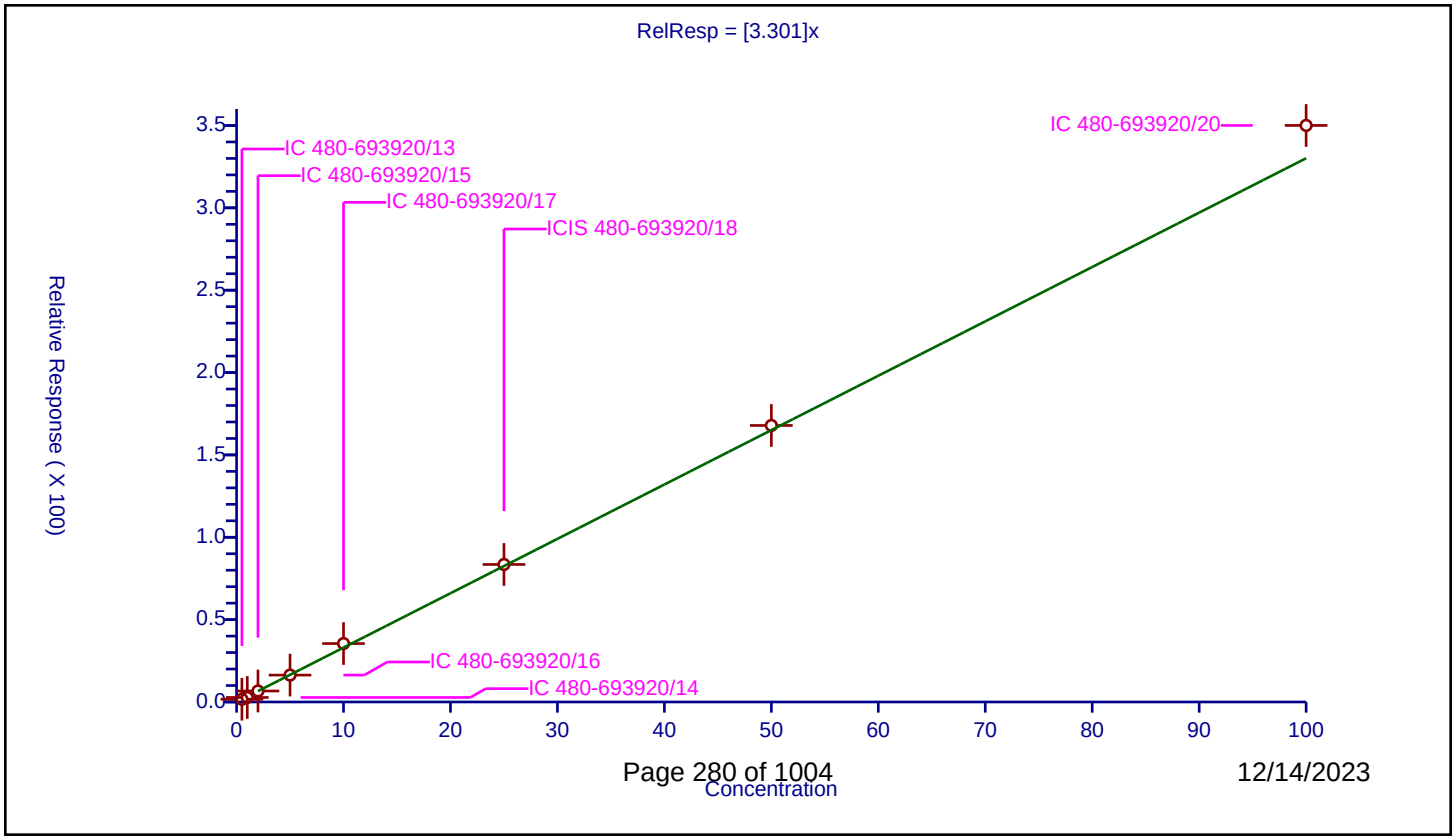
Curve Coefficients

Intercept:	0
Slope:	3.301

Error Coefficients

Standard Error:	2470000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.656073	25.0	387166.0	3.312145	Y
2	IC 480-693920/14	1.0	2.740259	25.0	382701.0	2.740259	Y
3	IC 480-693920/15	2.0	6.68603	25.0	386470.0	3.343015	Y
4	IC 480-693920/16	5.0	16.329123	25.0	409428.0	3.265825	Y
5	IC 480-693920/17	10.0	35.486134	25.0	388134.0	3.548613	Y
6	ICIS 480-693920/18	25.0	83.495668	25.0	393733.0	3.339827	Y
7	IC 480-693920/19	50.0	167.873649	25.0	406986.0	3.357473	Y
8	IC 480-693920/20	100.0	350.019442	25.0	411477.0	3.500194	Y



Calibration / trans-1,4-Dichloro-2-butene

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

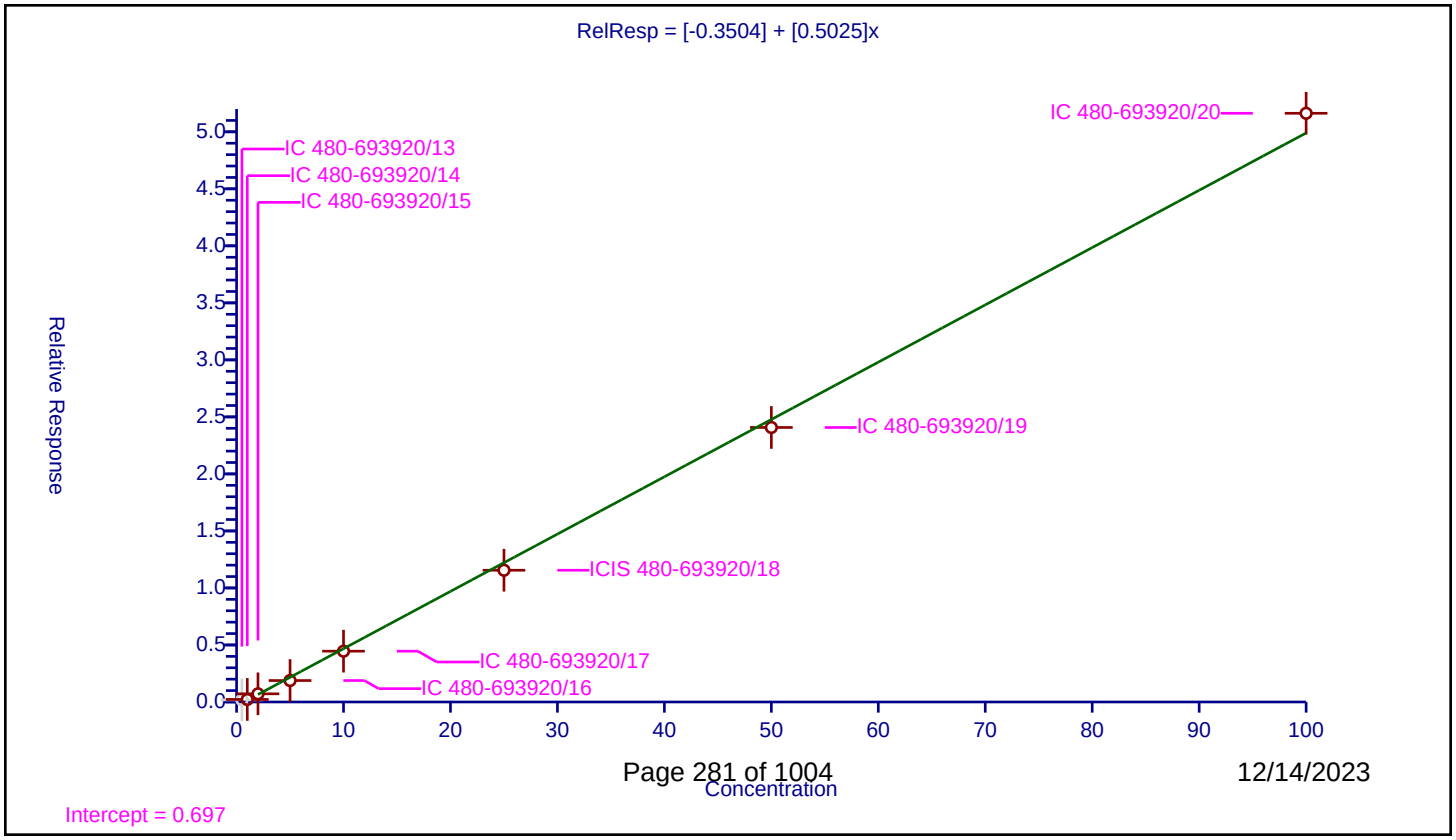
Curve Coefficients

Intercept:	-0.3504
Slope:	0.5025

Error Coefficients

Standard Error:	428000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.183255	25.0	387166.0	0.366509	N
2	IC 480-693920/14	1.0	0.222432	25.0	382701.0	0.222432	Y
3	IC 480-693920/15	2.0	0.715774	25.0	386470.0	0.357887	Y
4	IC 480-693920/16	5.0	1.882321	25.0	409428.0	0.376464	Y
5	IC 480-693920/17	10.0	4.456	25.0	388134.0	0.4456	Y
6	ICIS 480-693920/18	25.0	11.554213	25.0	393733.0	0.462169	Y
7	IC 480-693920/19	50.0	24.072757	25.0	406986.0	0.481455	Y
8	IC 480-693920/20	100.0	51.624817	25.0	411477.0	0.516248	Y



Calibration / 2-Chlorotoluene

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

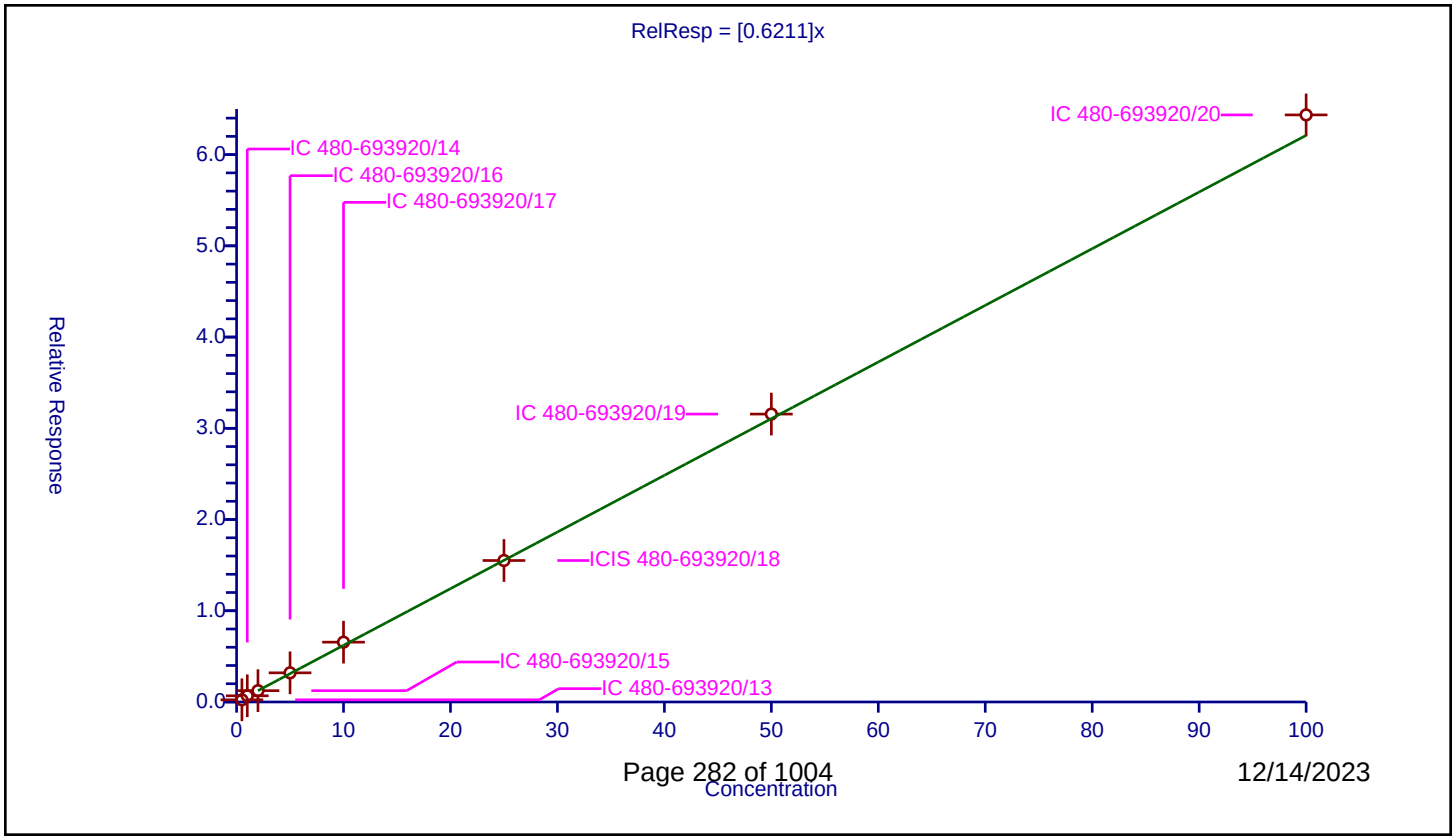
Curve Coefficients

Intercept:	0
Slope:	0.6211

Error Coefficients

Standard Error:	457000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.239238	25.0	387166.0	0.478477	Y
2	IC 480-693920/14	1.0	0.679447	25.0	382701.0	0.679447	Y
3	IC 480-693920/15	2.0	1.241364	25.0	386470.0	0.620682	Y
4	IC 480-693920/16	5.0	3.197204	25.0	409428.0	0.639441	Y
5	IC 480-693920/17	10.0	6.557787	25.0	388134.0	0.655779	Y
6	ICIS 480-693920/18	25.0	15.507527	25.0	393733.0	0.620301	Y
7	IC 480-693920/19	50.0	31.560852	25.0	406986.0	0.631217	Y
8	IC 480-693920/20	100.0	64.355237	25.0	411477.0	0.643552	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

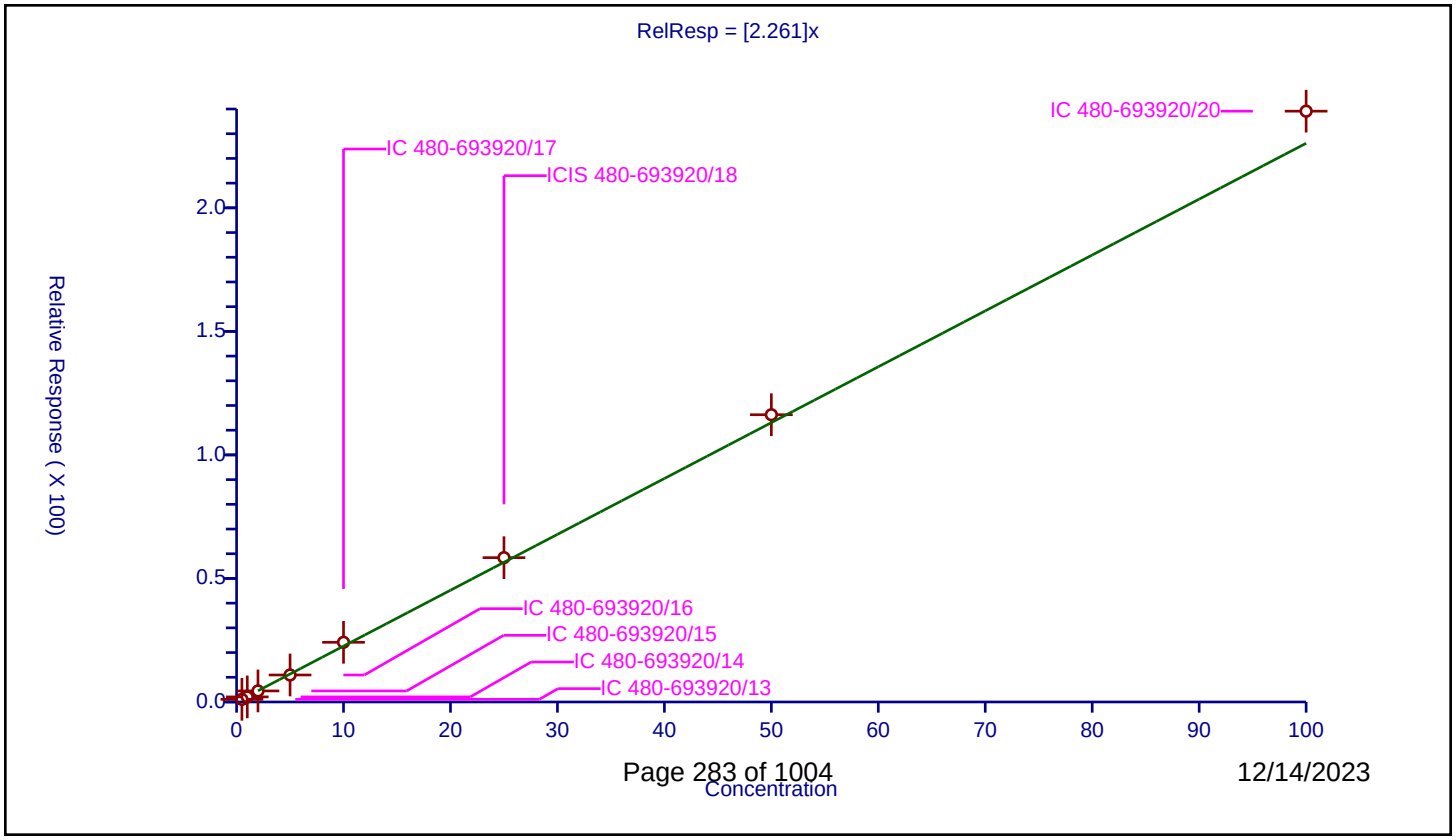
Curve Coefficients

Intercept:	0
Slope:	2.261

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.071181	25.0	387166.0	2.142363	Y
2	IC 480-693920/14	1.0	2.055782	25.0	382701.0	2.055782	Y
3	IC 480-693920/15	2.0	4.473827	25.0	386470.0	2.236914	Y
4	IC 480-693920/16	5.0	10.928112	25.0	409428.0	2.185622	Y
5	IC 480-693920/17	10.0	24.163949	25.0	388134.0	2.416395	Y
6	ICIS 480-693920/18	25.0	58.419157	25.0	393733.0	2.336766	Y
7	IC 480-693920/19	50.0	116.265731	25.0	406986.0	2.325315	Y
8	IC 480-693920/20	100.0	239.130073	25.0	411477.0	2.391301	Y



Calibration / 4-Chlorotoluene

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

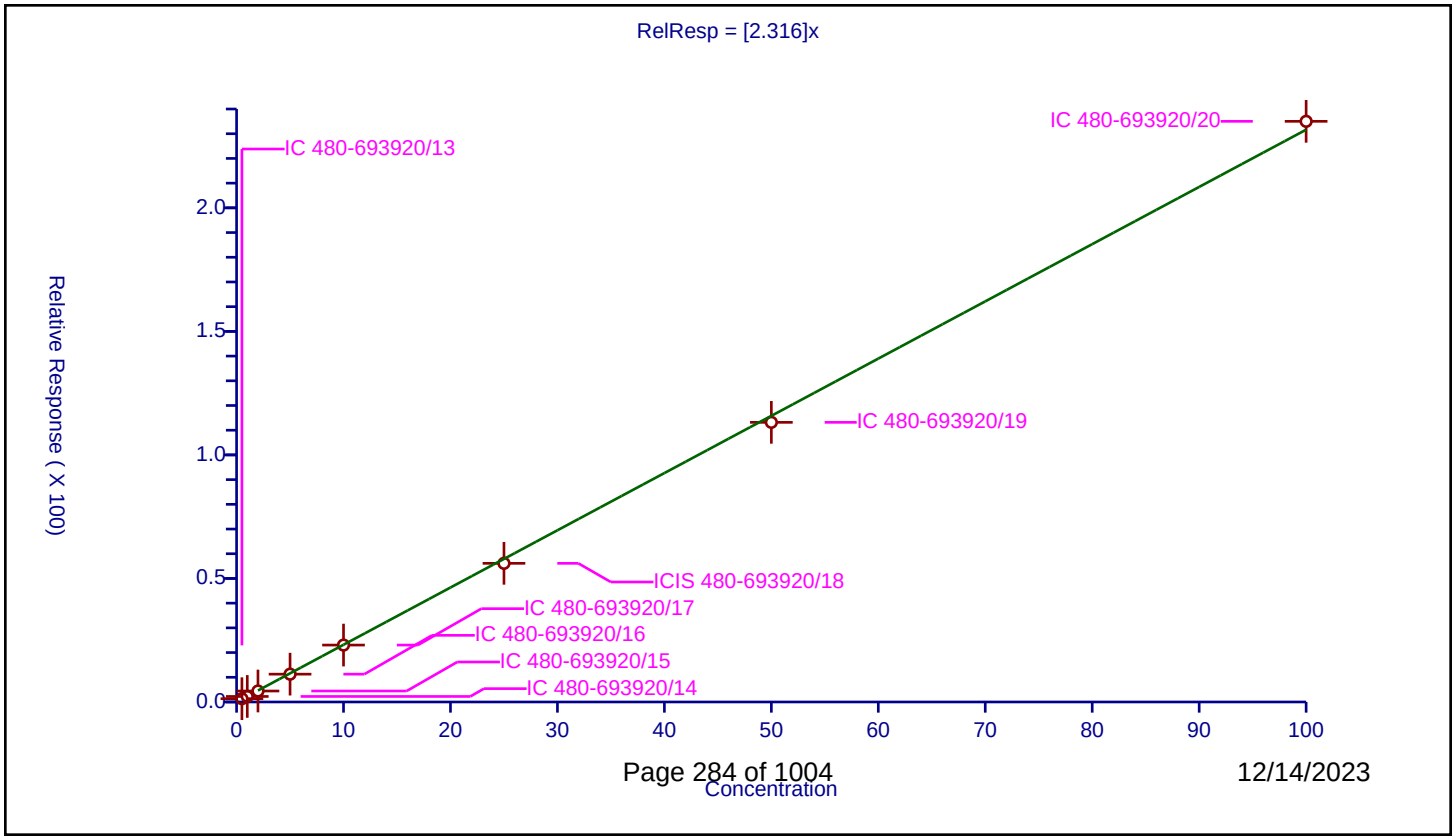
Curve Coefficients

Intercept:	0
Slope:	2.316

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.329856	25.0	387166.0	2.659712	Y
2	IC 480-693920/14	1.0	2.236472	25.0	382701.0	2.236472	Y
3	IC 480-693920/15	2.0	4.441871	25.0	386470.0	2.220936	Y
4	IC 480-693920/16	5.0	11.257474	25.0	409428.0	2.251495	Y
5	IC 480-693920/17	10.0	23.034699	25.0	388134.0	2.30347	Y
6	ICIS 480-693920/18	25.0	56.113534	25.0	393733.0	2.244541	Y
7	IC 480-693920/19	50.0	113.185712	25.0	406986.0	2.263714	Y
8	IC 480-693920/20	100.0	235.009855	25.0	411477.0	2.350099	Y



Calibration / tert-Butylbenzene

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

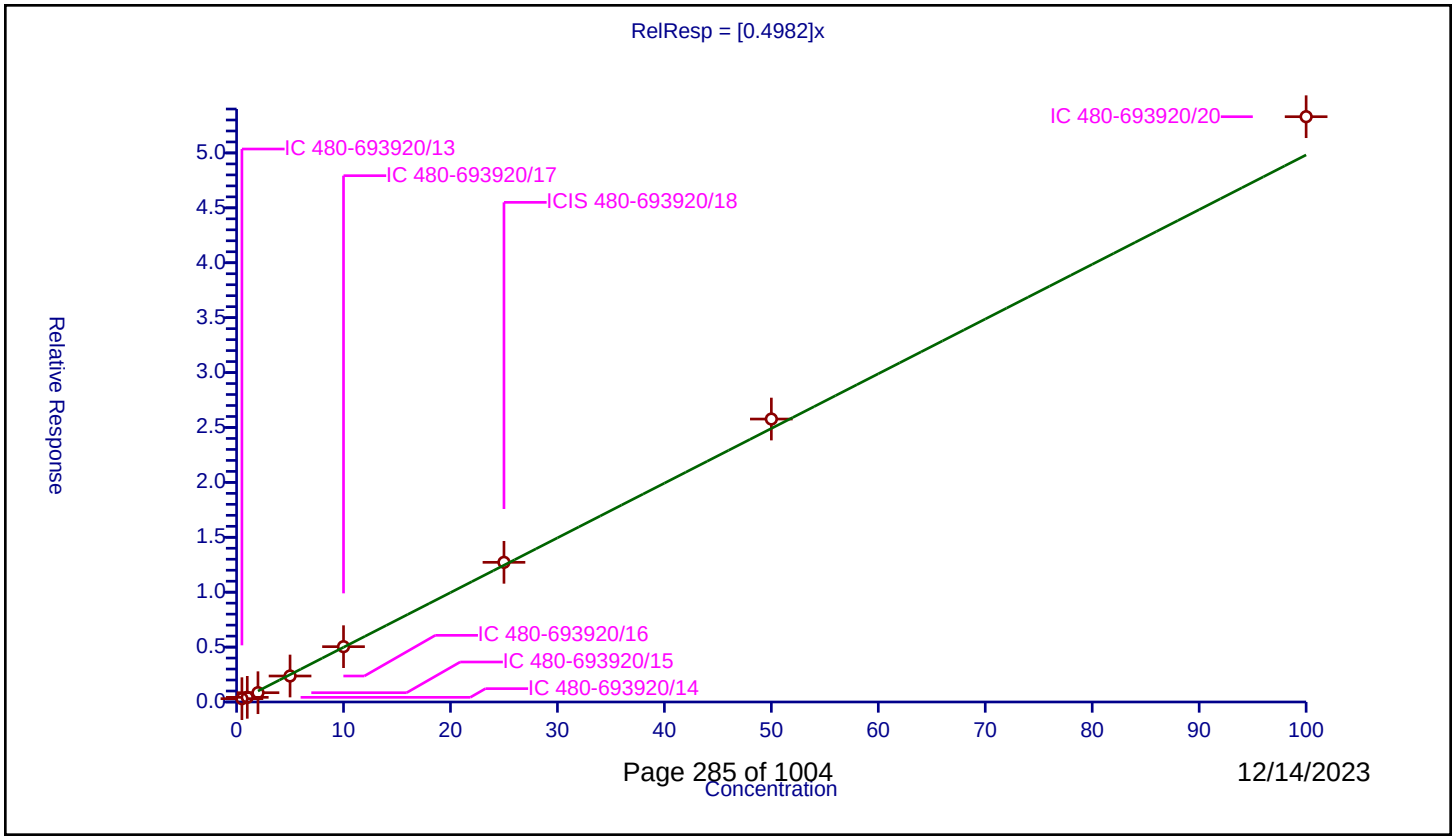
Curve Coefficients

Intercept:	0
Slope:	0.4982

Error Coefficients

Standard Error:	377000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.301679	25.0	387166.0	0.603359	Y
2	IC 480-693920/14	1.0	0.424156	25.0	382701.0	0.424156	Y
3	IC 480-693920/15	2.0	0.847349	25.0	386470.0	0.423675	Y
4	IC 480-693920/16	5.0	2.367144	25.0	409428.0	0.473429	Y
5	IC 480-693920/17	10.0	5.037629	25.0	388134.0	0.503763	Y
6	ICIS 480-693920/18	25.0	12.717819	25.0	393733.0	0.508713	Y
7	IC 480-693920/19	50.0	25.76612	25.0	406986.0	0.515322	Y
8	IC 480-693920/20	100.0	53.301217	25.0	411477.0	0.533012	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

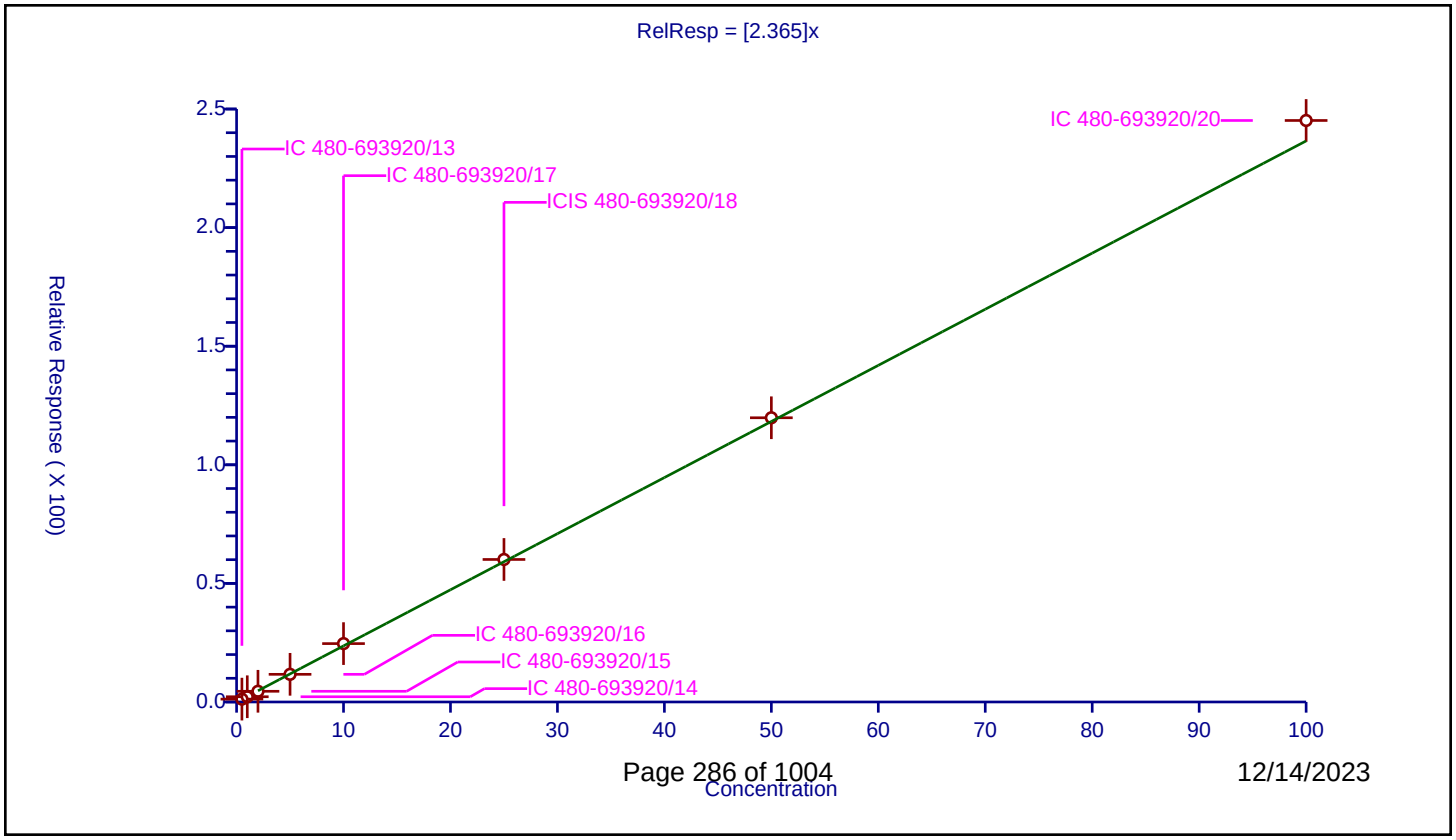
Curve Coefficients

Intercept:	0
Slope:	2.365

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.206782	25.0	387166.0	2.413564	Y
2	IC 480-693920/14	1.0	2.204658	25.0	382701.0	2.204658	Y
3	IC 480-693920/15	2.0	4.517168	25.0	386470.0	2.258584	Y
4	IC 480-693920/16	5.0	11.667986	25.0	409428.0	2.333597	Y
5	IC 480-693920/17	10.0	24.612312	25.0	388134.0	2.461231	Y
6	ICIS 480-693920/18	25.0	60.084943	25.0	393733.0	2.403398	Y
7	IC 480-693920/19	50.0	119.834097	25.0	406986.0	2.396682	Y
8	IC 480-693920/20	100.0	245.163156	25.0	411477.0	2.451632	Y



Calibration / sec-Butylbenzene

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

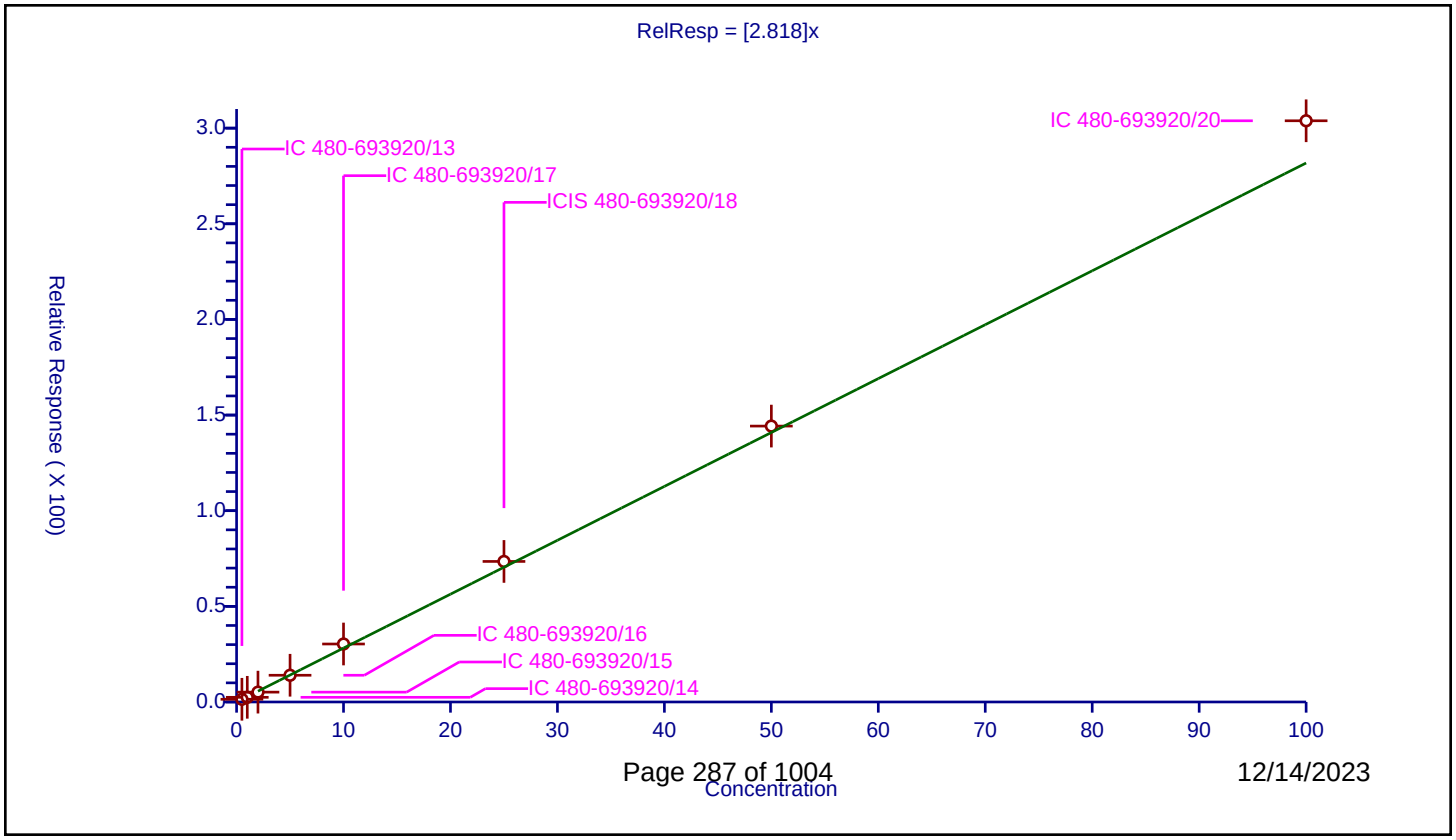
Curve Coefficients

Intercept:	0
Slope:	2.818

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.417028	25.0	387166.0	2.834056	Y
2	IC 480-693920/14	1.0	2.445643	25.0	382701.0	2.445643	Y
3	IC 480-693920/15	2.0	5.147553	25.0	386470.0	2.573777	Y
4	IC 480-693920/16	5.0	13.973641	25.0	409428.0	2.794728	Y
5	IC 480-693920/17	10.0	30.314337	25.0	388134.0	3.031434	Y
6	ICIS 480-693920/18	25.0	73.475617	25.0	393733.0	2.939025	Y
7	IC 480-693920/19	50.0	144.243659	25.0	406986.0	2.884873	Y
8	IC 480-693920/20	100.0	303.849668	25.0	411477.0	3.038497	Y



Calibration / 1,3-Dichlorobenzene

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

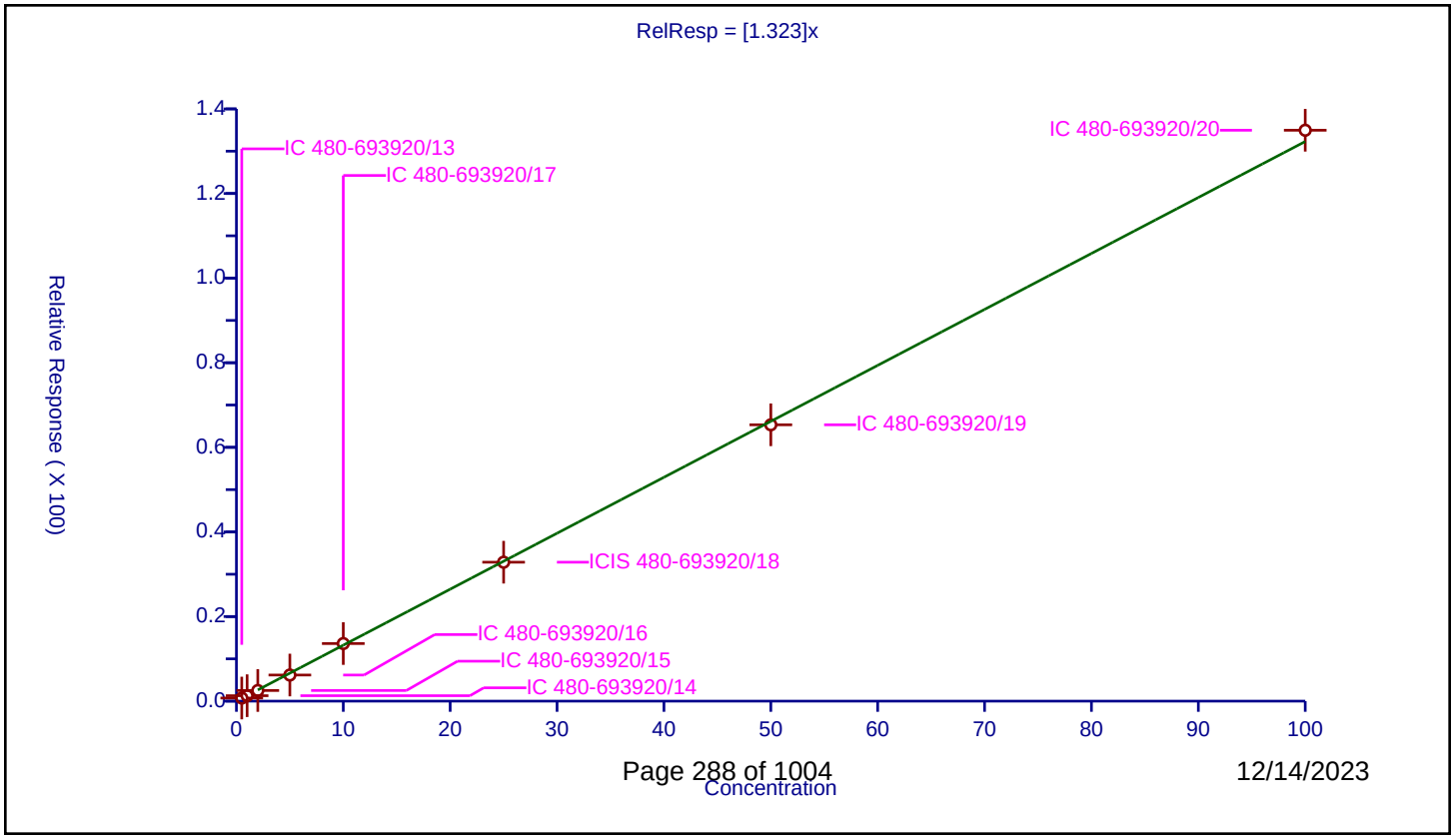
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Standard Error:	955000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.735473	25.0	387166.0	1.470945	Y
2	IC 480-693920/14	1.0	1.290498	25.0	382701.0	1.290498	Y
3	IC 480-693920/15	2.0	2.512355	25.0	386470.0	1.256178	Y
4	IC 480-693920/16	5.0	6.170316	25.0	409428.0	1.234063	Y
5	IC 480-693920/17	10.0	13.613533	25.0	388134.0	1.361353	Y
6	ICIS 480-693920/18	25.0	32.844021	25.0	393733.0	1.313761	Y
7	IC 480-693920/19	50.0	65.324114	25.0	406986.0	1.306482	Y
8	IC 480-693920/20	100.0	134.949766	25.0	411477.0	1.349498	Y



Calibration / 4-Isopropyltoluene

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

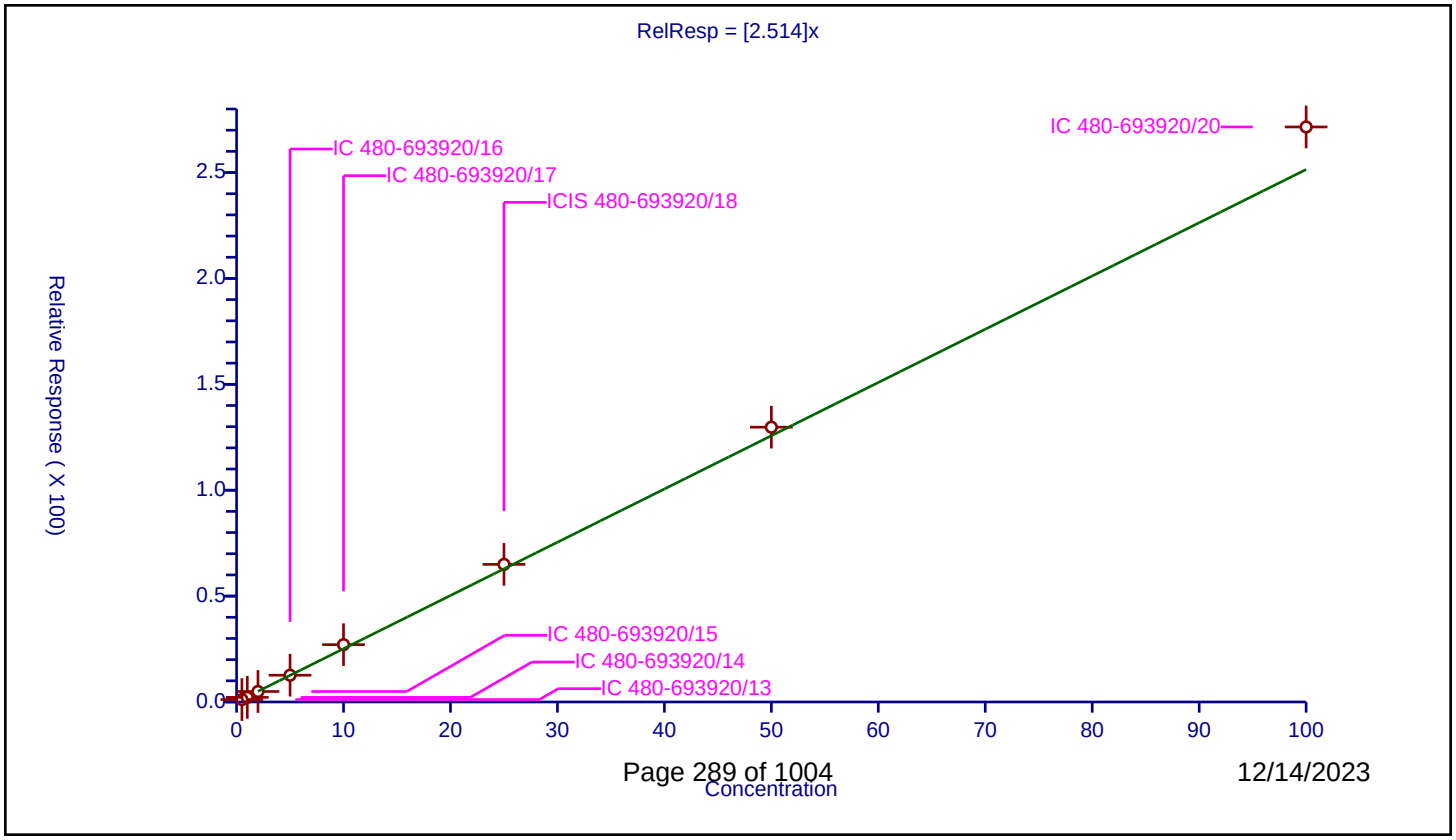
Curve Coefficients

Intercept:	0
Slope:	2.514

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.154931	25.0	387166.0	2.309862	Y
2	IC 480-693920/14	1.0	2.18186	25.0	382701.0	2.18186	Y
3	IC 480-693920/15	2.0	4.951743	25.0	386470.0	2.475871	Y
4	IC 480-693920/16	5.0	12.646118	25.0	409428.0	2.529224	Y
5	IC 480-693920/17	10.0	27.083816	25.0	388134.0	2.708382	Y
6	ICIS 480-693920/18	25.0	64.985409	25.0	393733.0	2.599416	Y
7	IC 480-693920/19	50.0	129.759685	25.0	406986.0	2.595194	Y
8	IC 480-693920/20	100.0	271.528056	25.0	411477.0	2.715281	Y



Calibration / 1,4-Dichlorobenzene

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

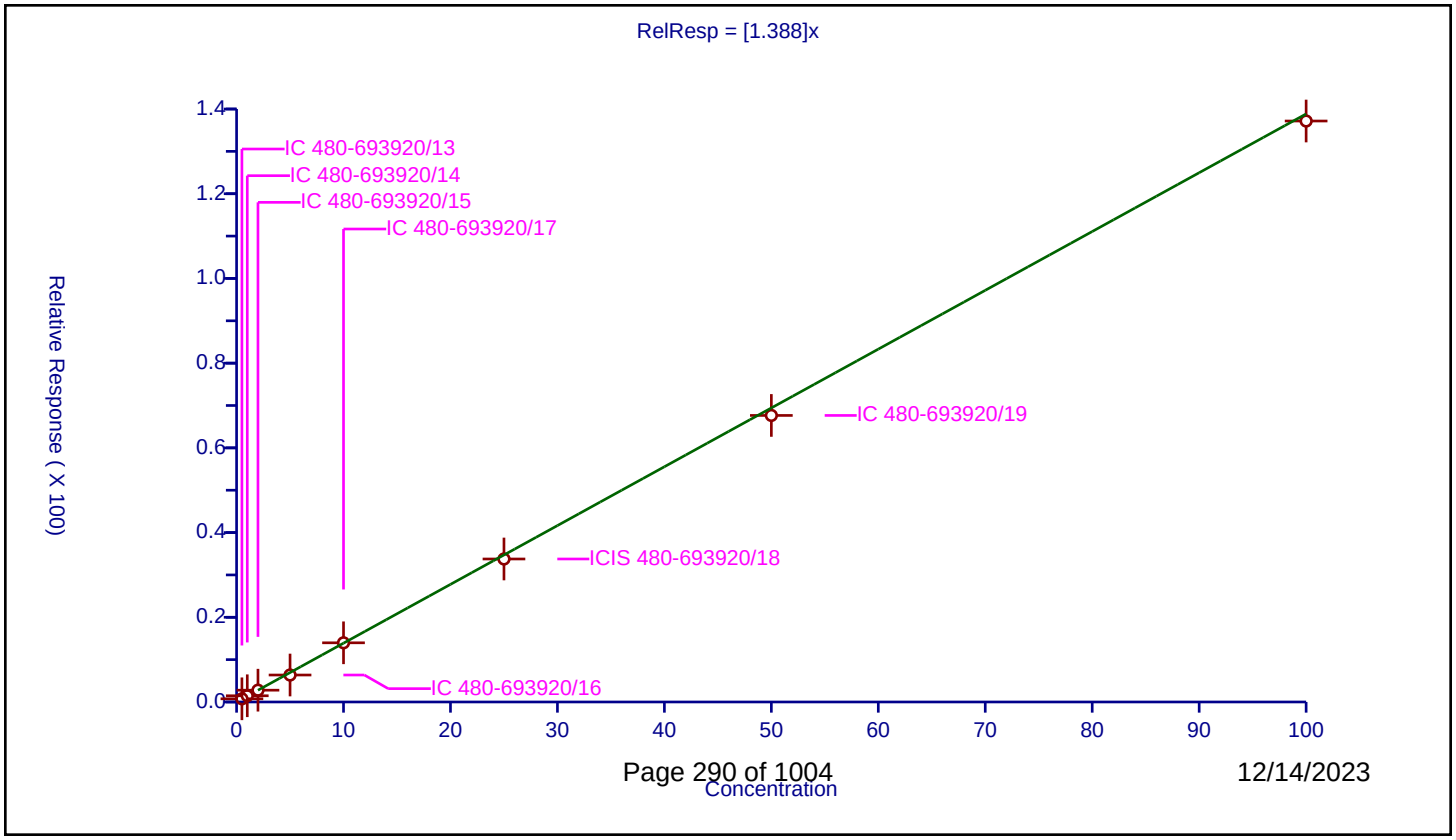
Curve Coefficients

Intercept:	0
Slope:	1.388

Error Coefficients

Standard Error:	975000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.749226	25.0	387166.0	1.498453	Y
2	IC 480-693920/14	1.0	1.468248	25.0	382701.0	1.468248	Y
3	IC 480-693920/15	2.0	2.788832	25.0	386470.0	1.394416	Y
4	IC 480-693920/16	5.0	6.368702	25.0	409428.0	1.27374	Y
5	IC 480-693920/17	10.0	13.97404	25.0	388134.0	1.397404	Y
6	ICIS 480-693920/18	25.0	33.763743	25.0	393733.0	1.35055	Y
7	IC 480-693920/19	50.0	67.651897	25.0	406986.0	1.353038	Y
8	IC 480-693920/20	100.0	137.169028	25.0	411477.0	1.37169	Y



Calibration / n-Butylbenzene

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

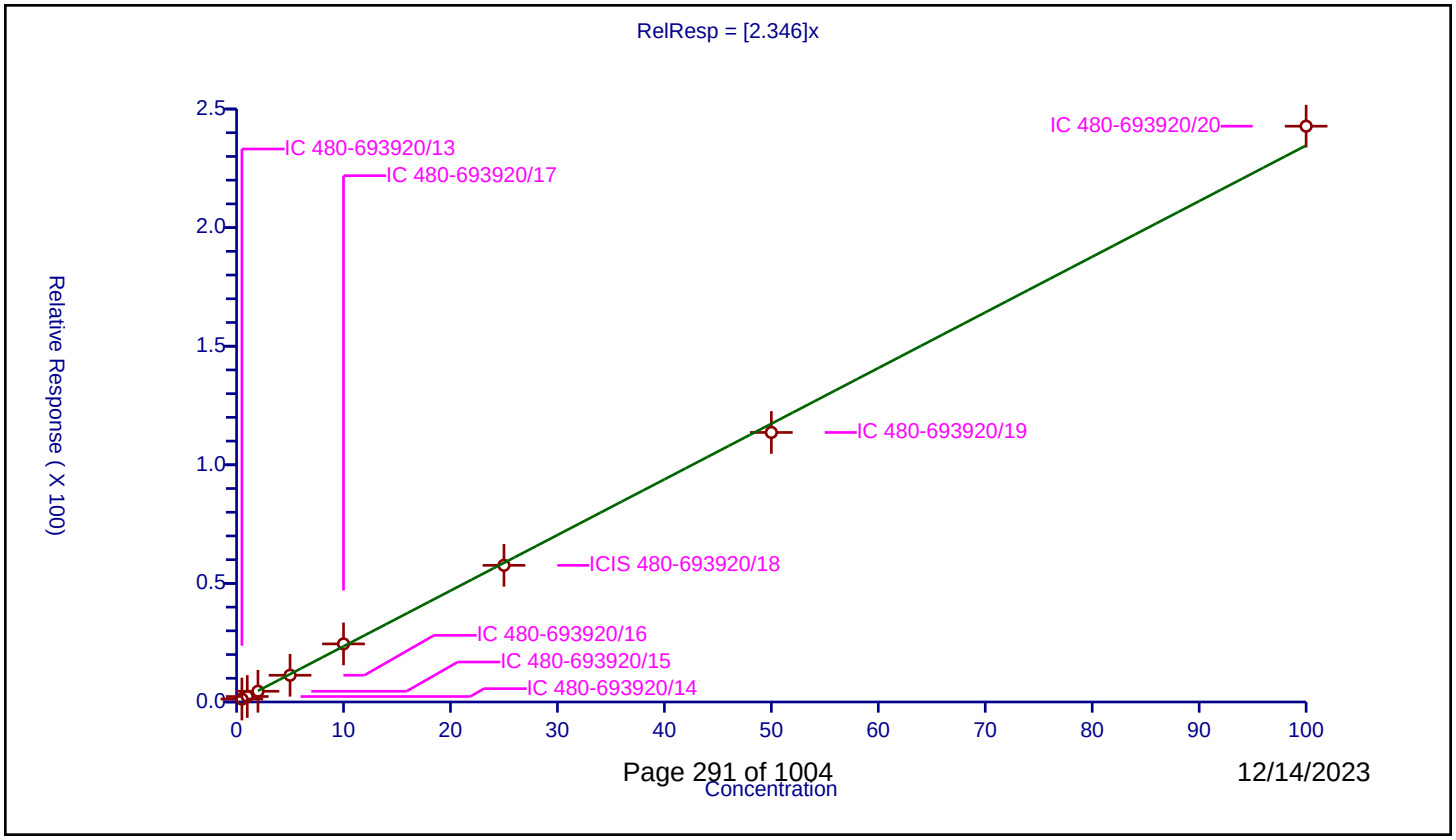
Curve Coefficients

Intercept:	0
Slope:	2.346

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.242167	25.0	387166.0	2.484335	Y
2	IC 480-693920/14	1.0	2.314797	25.0	382701.0	2.314797	Y
3	IC 480-693920/15	2.0	4.526419	25.0	386470.0	2.263209	Y
4	IC 480-693920/16	5.0	11.270236	25.0	409428.0	2.254047	Y
5	IC 480-693920/17	10.0	24.49502	25.0	388134.0	2.449502	Y
6	ICIS 480-693920/18	25.0	57.613091	25.0	393733.0	2.304524	Y
7	IC 480-693920/19	50.0	113.64101	25.0	406986.0	2.27282	Y
8	IC 480-693920/20	100.0	242.761017	25.0	411477.0	2.42761	Y



12/14/2023

Calibration / 1,2-Dichlorobenzene

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

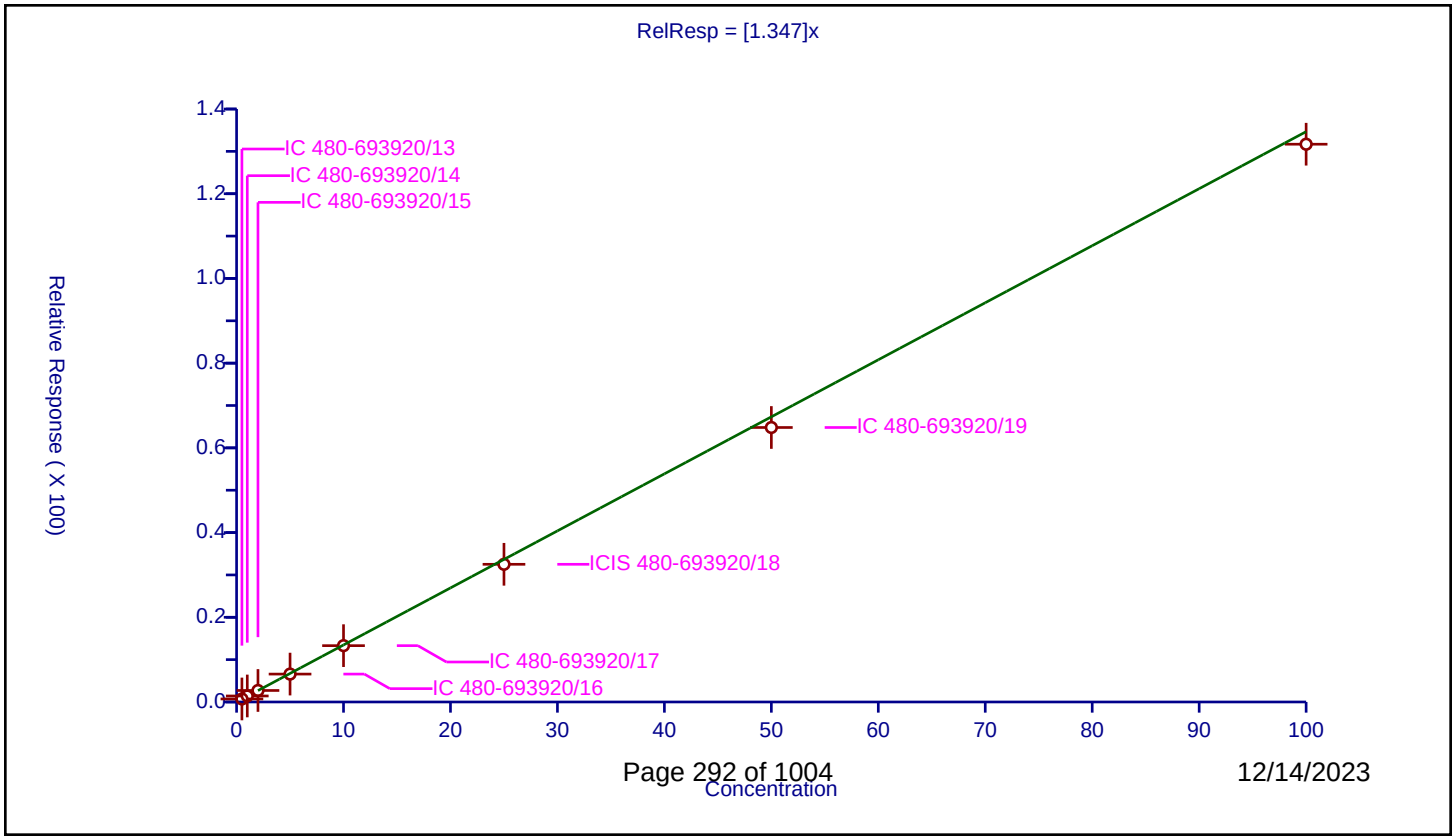
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Standard Error:	936000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.716489	25.0	387166.0	1.432977	Y
2	IC 480-693920/14	1.0	1.420103	25.0	382701.0	1.420103	Y
3	IC 480-693920/15	2.0	2.715282	25.0	386470.0	1.357641	Y
4	IC 480-693920/16	5.0	6.589254	25.0	409428.0	1.317851	Y
5	IC 480-693920/17	10.0	13.303009	25.0	388134.0	1.330301	Y
6	ICIS 480-693920/18	25.0	32.512261	25.0	393733.0	1.30049	Y
7	IC 480-693920/19	50.0	64.809846	25.0	406986.0	1.296197	Y
8	IC 480-693920/20	100.0	131.690167	25.0	411477.0	1.316902	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

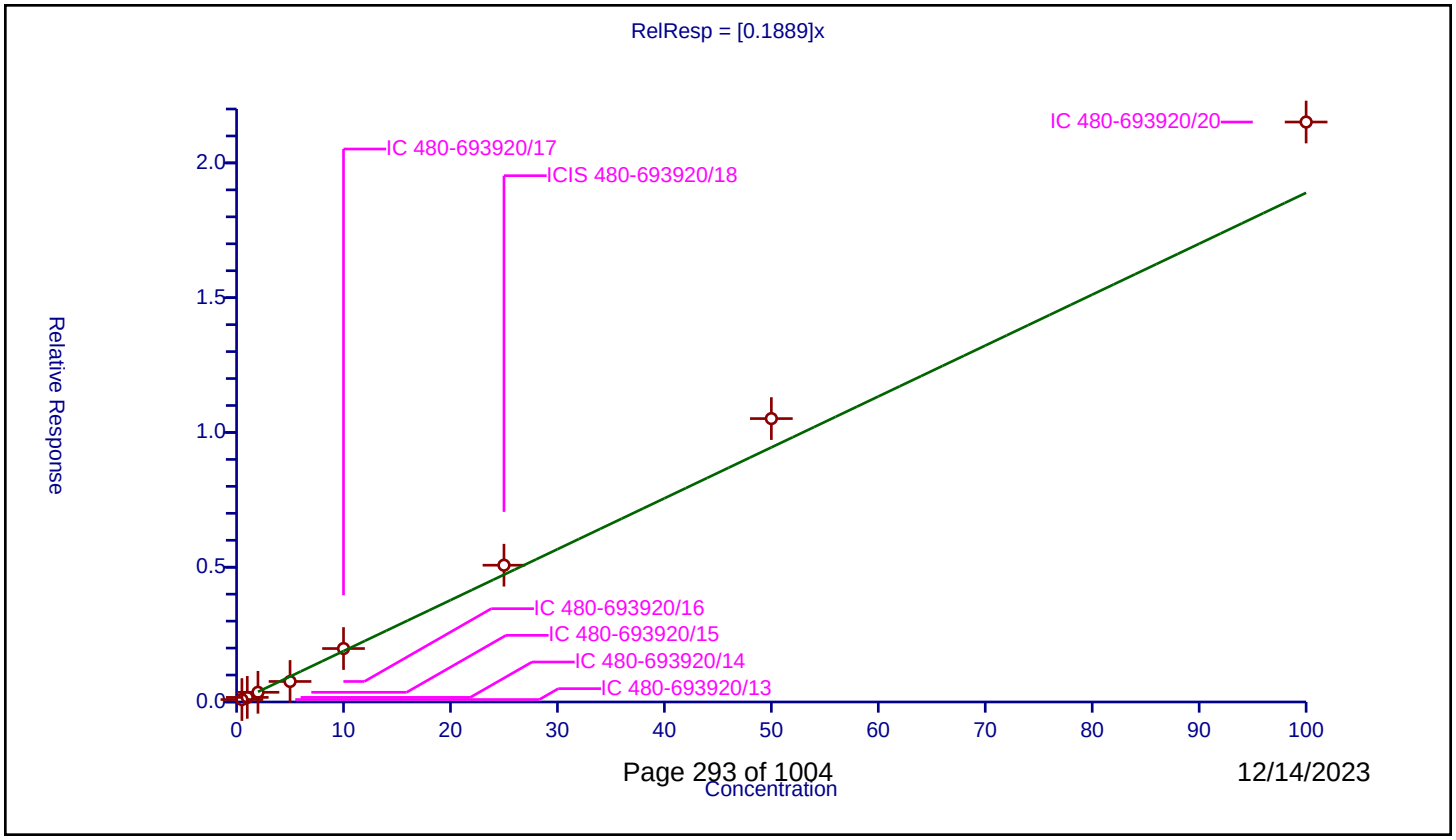
Curve Coefficients

Intercept:	0
Slope:	0.1889

Error Coefficients

Standard Error:	152000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.090723	25.0	387166.0	0.181447	Y
2	IC 480-693920/14	1.0	0.170891	25.0	382701.0	0.170891	Y
3	IC 480-693920/15	2.0	0.359666	25.0	386470.0	0.179833	Y
4	IC 480-693920/16	5.0	0.761733	25.0	409428.0	0.152347	Y
5	IC 480-693920/17	10.0	1.983271	25.0	388134.0	0.198327	Y
6	ICIS 480-693920/18	25.0	5.074505	25.0	393733.0	0.20298	Y
7	IC 480-693920/19	50.0	10.513998	25.0	406986.0	0.21028	Y
8	IC 480-693920/20	100.0	21.517545	25.0	411477.0	0.215175	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

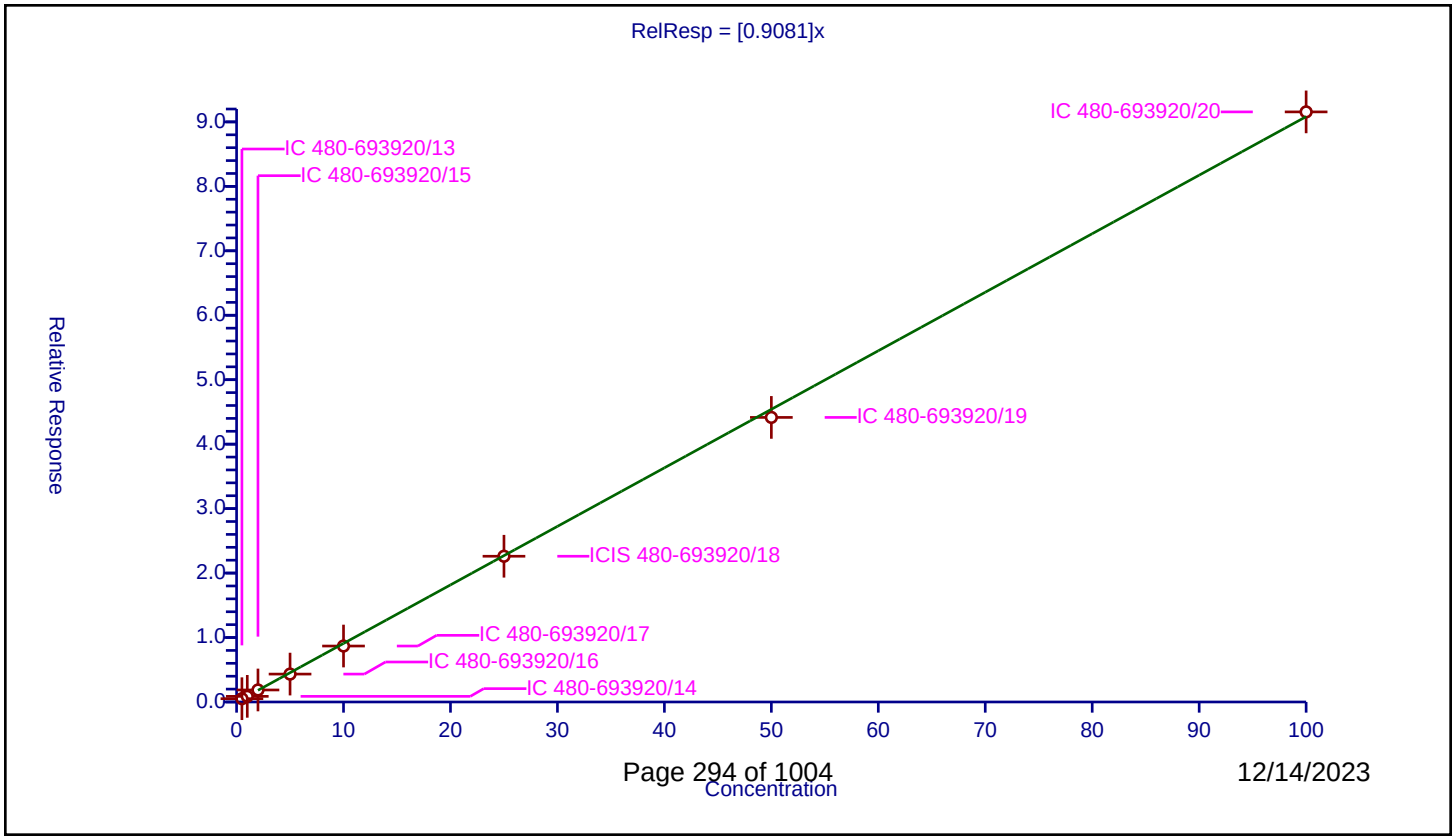
Curve Coefficients

Intercept:	0
Slope:	0.9081

Error Coefficients

Standard Error:	648000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.510375	25.0	387166.0	1.020751	Y
2	IC 480-693920/14	1.0	0.876206	25.0	382701.0	0.876206	Y
3	IC 480-693920/15	2.0	1.862046	25.0	386470.0	0.931023	Y
4	IC 480-693920/16	5.0	4.330676	25.0	409428.0	0.866135	Y
5	IC 480-693920/17	10.0	8.680829	25.0	388134.0	0.868083	Y
6	ICIS 480-693920/18	25.0	22.610817	25.0	393733.0	0.904433	Y
7	IC 480-693920/19	50.0	44.152256	25.0	406986.0	0.883045	Y
8	IC 480-693920/20	100.0	91.552383	25.0	411477.0	0.915524	Y



Calibration / Hexachlorobutadiene

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

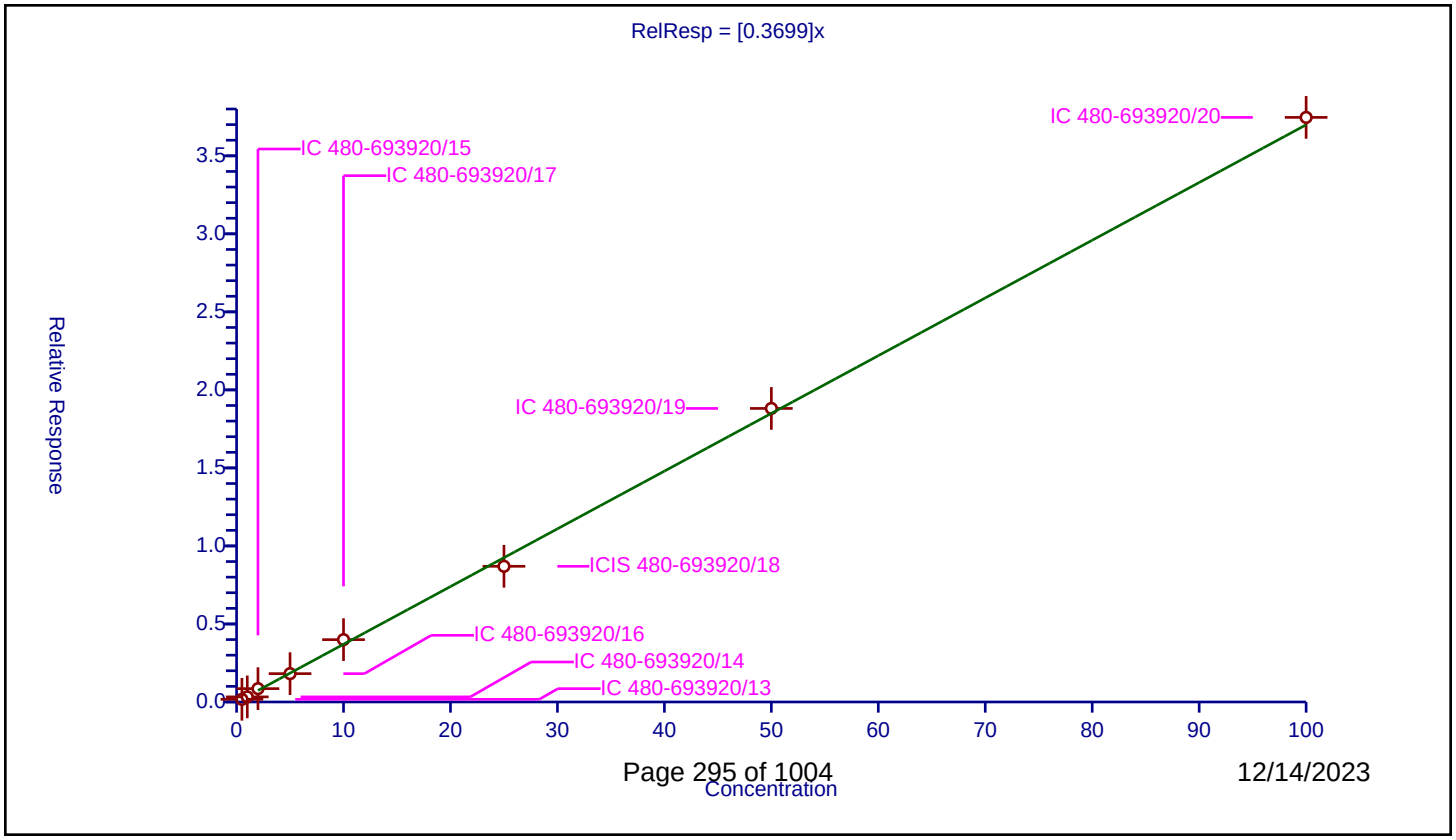
Curve Coefficients

Intercept:	0
Slope:	0.3699

Error Coefficients

Standard Error:	267000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.171309	25.0	387166.0	0.342618	Y
2	IC 480-693920/14	1.0	0.327148	25.0	382701.0	0.327148	Y
3	IC 480-693920/15	2.0	0.855888	25.0	386470.0	0.427944	Y
4	IC 480-693920/16	5.0	1.816009	25.0	409428.0	0.363202	Y
5	IC 480-693920/17	10.0	3.994497	25.0	388134.0	0.39945	Y
6	ICIS 480-693920/18	25.0	8.695296	25.0	393733.0	0.347812	Y
7	IC 480-693920/19	50.0	18.812256	25.0	406986.0	0.376245	Y
8	IC 480-693920/20	100.0	37.462543	25.0	411477.0	0.374625	Y



Calibration / Naphthalene

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

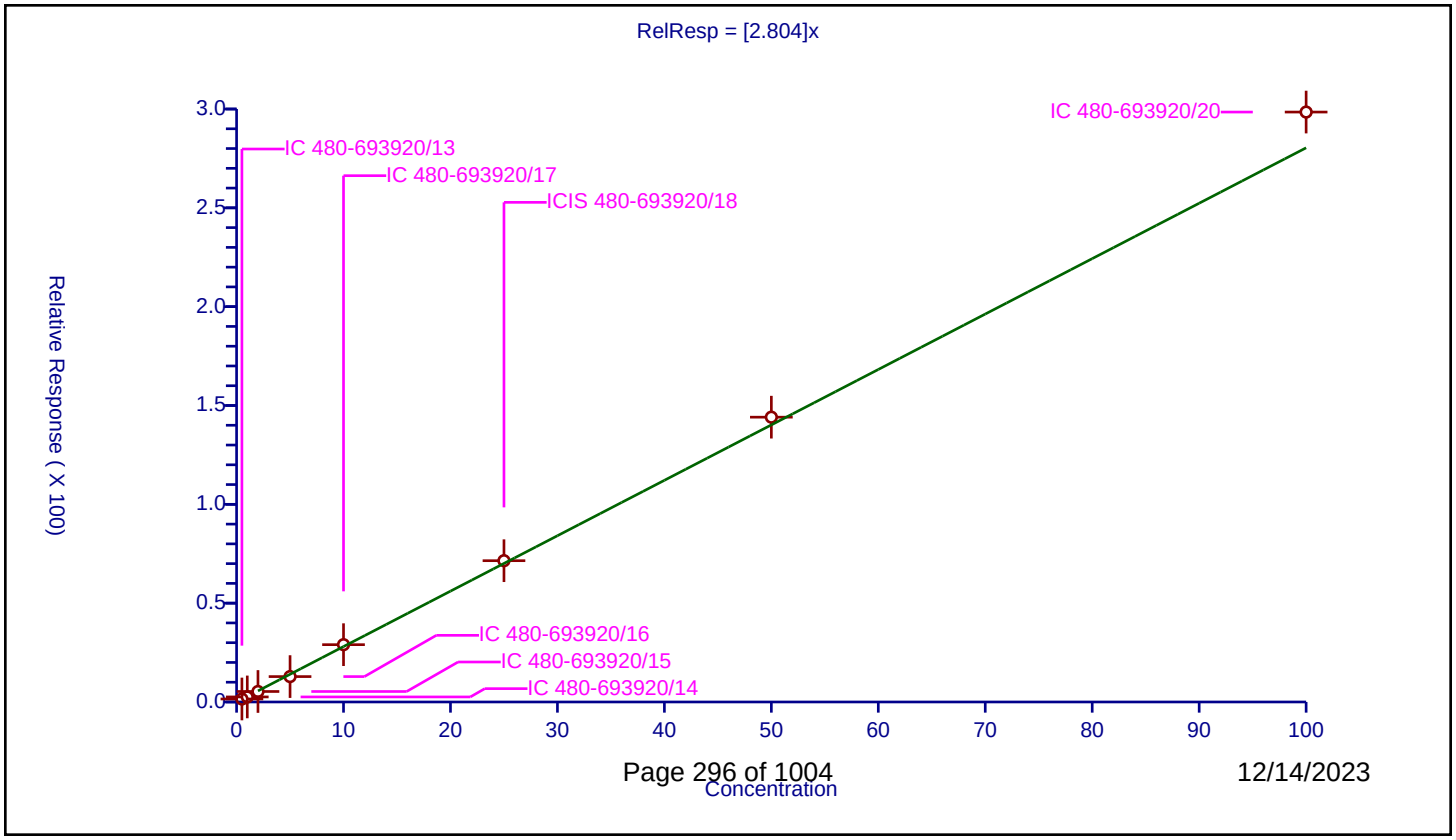
Curve Coefficients

Intercept:	0
Slope:	2.804

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	1.511303	25.0	387166.0	3.022605	Y
2	IC 480-693920/14	1.0	2.55245	25.0	382701.0	2.55245	Y
3	IC 480-693920/15	2.0	5.315354	25.0	386470.0	2.657677	Y
4	IC 480-693920/16	5.0	12.854641	25.0	409428.0	2.570928	Y
5	IC 480-693920/17	10.0	29.000487	25.0	388134.0	2.900049	Y
6	ICIS 480-693920/18	25.0	71.482197	25.0	393733.0	2.859288	Y
7	IC 480-693920/19	50.0	144.095559	25.0	406986.0	2.881911	Y
8	IC 480-693920/20	100.0	298.466561	25.0	411477.0	2.984666	Y



Calibration / 1,2,3-Trichlorobenzene

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

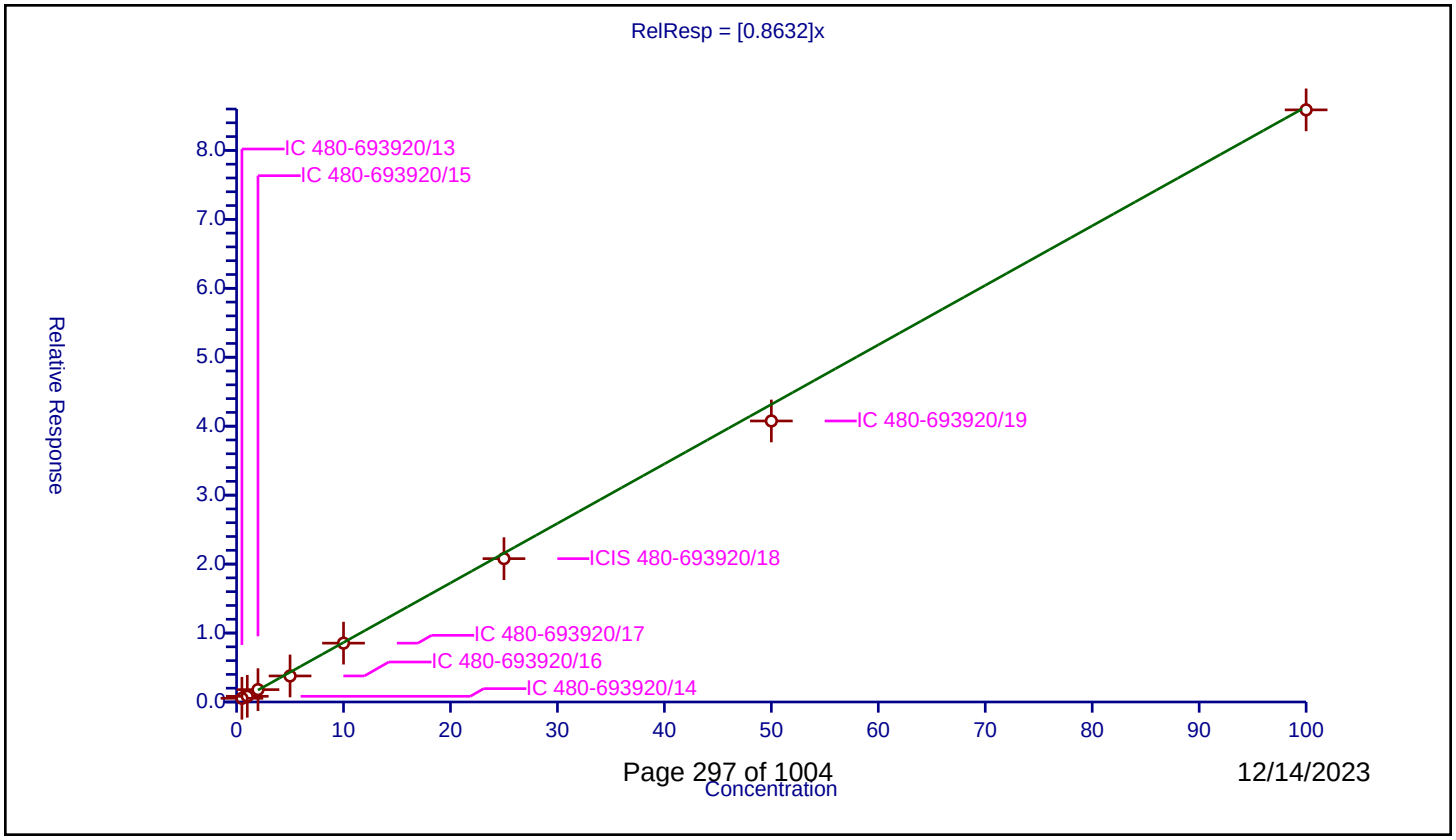
Curve Coefficients

Intercept:	0
Slope:	0.8632

Error Coefficients

Standard Error:	606000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-693920/13	0.5	0.534654	25.0	387166.0	1.069309	Y
2	IC 480-693920/14	1.0	0.82571	25.0	382701.0	0.82571	Y
3	IC 480-693920/15	2.0	1.793736	25.0	386470.0	0.896868	Y
4	IC 480-693920/16	5.0	3.774656	25.0	409428.0	0.754931	Y
5	IC 480-693920/17	10.0	8.533586	25.0	388134.0	0.853359	Y
6	ICIS 480-693920/18	25.0	20.791374	25.0	393733.0	0.831655	Y
7	IC 480-693920/19	50.0	40.759387	25.0	406986.0	0.815188	Y
8	IC 480-693920/20	100.0	85.877339	25.0	411477.0	0.858773	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 480-693920/34 Calibration Date: 12/01/2023 21:27

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3592.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	1.441	1.678	0.1000	29.1	25.0	16.5	50.0
Chloromethane	Ave	3.214	3.361	0.1000	26.1	25.0	4.6	30.0
Butadiene	Ave	2.836	3.016		26.6	25.0	6.4	30.0
Vinyl chloride	Ave	1.691	1.959	0.1000	29.0	25.0	15.9	30.0
Bromomethane	Ave	0.8248	0.8983	0.1000	27.2	25.0	8.9	50.0
Chloroethane	Ave	1.026	1.146	0.1000	27.9	25.0	11.7	50.0
Trichlorofluoromethane	Ave	1.726	1.960	0.1000	28.4	25.0	13.5	30.0
Dichlorofluoromethane	Ave	2.401	2.459		25.6	25.0	2.4	30.0
Ethyl ether	Ave	1.846	1.889		25.6	25.0	2.3	30.0
Acrolein	Lin1		0.2857		295	125	135.8*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9900	1.162	0.1000	29.3	25.0	17.4	30.0
1,1-Dichloroethene	Ave	1.069	1.148	0.1000	26.9	25.0	7.4	30.0
Acetone	Ave	1.267	1.330	0.1000	131	125	5.0	50.0
Iodomethane	Ave	1.960	2.155		27.5	25.0	10.0	30.0
Carbon disulfide	Ave	3.609	4.146	0.1000	28.7	25.0	14.9	30.0
Allyl chloride	Ave	4.345	4.571		26.3	25.0	5.2	30.0
Methyl acetate	Ave	2.899	3.708	0.1000	64.0	50.0	27.9	50.0
Methylene Chloride	Lin1		1.341	0.1000	28.1	25.0	12.2	30.0
2-Methyl-2-propanol	Ave	0.4099	0.4234		258	250	3.3	50.0
Methyl tert-butyl ether	Ave	4.214	4.659	0.1000	27.6	25.0	10.6	30.0
trans-1,2-Dichloroethene	Ave	1.286	1.318	0.1000	25.6	25.0	2.5	30.0
Acrylonitrile	Ave	1.486	1.615		272	250	8.7	30.0
Hexane	Ave	2.711	2.887		26.6	25.0	6.5	30.0
1,1-Dichloroethane	Ave	2.912	2.973	0.2000	25.5	25.0	2.1	30.0
Vinyl acetate	Ave	5.300	4.689		44.2	50.0	-11.5	30.0
2,2-Dichloropropane	Ave	1.219	1.226		25.1	25.0	0.5	30.0
cis-1,2-Dichloroethene	Ave	1.330	1.376	0.1000	25.9	25.0	3.5	30.0
2-Butanone (MEK)	Ave	2.033	2.138	0.1000	131	125	5.2	30.0
Chlorobromomethane	Ave	0.6674	0.6705		25.1	25.0	0.5	30.0
Tetrahydrofuran	Ave	1.413	1.498		53.0	50.0	6.0	30.0
Chloroform	Ave	2.142	2.215	0.2000	25.9	25.0	3.4	30.0
1,1,1-Trichloroethane	Ave	1.700	1.904	0.1000	28.0	25.0	12.0	30.0
Cyclohexane	Ave	3.490	3.936	0.1000	28.2	25.0	12.8	30.0
Carbon tetrachloride	Ave	1.330	1.506	0.1000	28.3	25.0	13.2	30.0
1,1-Dichloropropene	Ave	1.573	1.583		25.2	25.0	0.7	30.0
Benzene	Ave	4.504	4.662	0.5000	25.9	25.0	3.5	30.0
Isobutyl alcohol	Ave	0.1851	0.2320		783	625	25.3	50.0
1,2-Dichloroethane	Ave	2.372	2.272	0.1000	24.0	25.0	-4.2	30.0
n-Heptane	Ave	3.827	4.109		26.8	25.0	7.4	30.0
Trichloroethene	Ave	1.122	1.132	0.2000	25.2	25.0	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 480-693920/34 Calibration Date: 12/01/2023 21:27

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3592.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.908	2.232	0.1000	29.3	25.0	17.0	30.0
1,2-Dichloropropane	Ave	1.347	1.433	0.1000	26.6	25.0	6.4	30.0
Dibromomethane	Ave	0.7434	0.7774	0.1000	26.1	25.0	4.6	30.0
1,4-Dioxane	Ave	0.0059	0.0057		478	500	-4.4	50.0
Bromodichloromethane	Ave	1.387	1.390	0.2000	25.1	25.0	0.2	30.0
2-Chloroethyl vinyl ether	Ave	0.9389	0.9247		24.6	25.0	-1.5	30.0
cis-1,3-Dichloropropene	Ave	1.497	1.428	0.2000	23.8	25.0	-4.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3523	0.3509	0.1000	124	125	-0.4	30.0
Toluene	Ave	0.7838	0.7379	0.4000	23.5	25.0	-5.9	30.0
trans-1,3-Dichloropropene	Ave	0.3760	0.3714	0.1000	24.7	25.0	-1.2	30.0
Ethyl methacrylate	Ave	0.4445	0.4433		24.9	25.0	-0.3	30.0
1,1,2-Trichloroethane	Ave	0.2341	0.2226	0.1000	23.8	25.0	-4.9	30.0
Tetrachloroethene	Ave	0.2904	0.3016	0.2000	26.0	25.0	3.9	30.0
1,3-Dichloropropane	Ave	0.4762	0.4451		23.4	25.0	-6.5	30.0
2-Hexanone	Ave	0.7886	0.7838	0.1000	124	125	-0.6	30.0
Dibromochloromethane	Ave	0.2931	0.2772	0.1000	23.6	25.0	-5.4	30.0
1,2-Dibromoethane	Ave	0.2805	0.2777		24.7	25.0	-1.0	30.0
Chlorobenzene	Ave	0.8539	0.8286	0.5000	24.3	25.0	-3.0	30.0
Ethylbenzene	Ave	1.535	1.482	0.1000	24.1	25.0	-3.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2998	0.3041		25.4	25.0	1.5	30.0
m-Xylene & p-Xylene	Ave	0.5358	0.5351	0.1000	25.0	25.0	-0.1	30.0
o-Xylene	Ave	0.5548	0.5665	0.3000	25.5	25.0	2.1	30.0
Styrene	Ave	0.8832	0.8737	0.3000	24.7	25.0	-1.1	30.0
Bromoform	Ave	0.1918	0.1748	0.1000	22.8	25.0	-8.9	50.0
Isopropylbenzene	Ave	2.637	2.882	0.1000	27.3	25.0	9.3	30.0
Bromobenzene	Ave	0.6894	0.6551		23.8	25.0	-5.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8575	0.8570	0.3000	25.0	25.0	-0.0	30.0
N-Propylbenzene	Ave	3.301	3.424		25.9	25.0	3.7	30.0
1,2,3-Trichloropropane	Ave	0.2797	0.2801		25.0	25.0	0.1	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.4521		23.2	25.0	-7.2	50.0
2-Chlorotoluene	Ave	0.6211	0.6457		26.0	25.0	4.0	30.0
1,3,5-Trimethylbenzene	Ave	2.261	2.341		25.9	25.0	3.5	30.0
4-Chlorotoluene	Ave	2.316	2.285		24.7	25.0	-1.3	30.0
tert-Butylbenzene	Ave	0.4982	0.5156		25.9	25.0	3.5	30.0
1,2,4-Trimethylbenzene	Ave	2.365	2.430		25.7	25.0	2.7	30.0
sec-Butylbenzene	Ave	2.818	2.979		26.4	25.0	5.7	30.0
1,3-Dichlorobenzene	Ave	1.323	1.319	0.6000	24.9	25.0	-0.3	30.0
4-Isopropyltoluene	Ave	2.514	2.644		26.3	25.0	5.1	30.0
1,4-Dichlorobenzene	Ave	1.388	1.337	0.5000	24.1	25.0	-3.7	30.0
n-Butylbenzene	Ave	2.346	2.408		25.7	25.0	2.6	30.0
1,2-Dichlorobenzene	Ave	1.347	1.296	0.4000	24.1	25.0	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 480-693920/34 Calibration Date: 12/01/2023 21:27

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3592.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	0.1889	0.1823	0.0500	24.1	25.0	-3.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9081	0.9254	0.2000	25.5	25.0	1.9	30.0
Hexachlorobutadiene	Ave	0.3699	0.3855		26.1	25.0	4.2	30.0
Naphthalene	Ave	2.804	2.847		25.4	25.0	1.5	30.0
1,2,3-Trichlorobenzene	Ave	0.8632	0.8150		23.6	25.0	-5.6	30.0
Dibromofluoromethane (Surr)	Ave	1.275	1.297		25.4	25.0	1.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.719	1.749		25.4	25.0	1.7	30.0
Toluene-d8 (Surr)	Ave	1.123	1.104		24.6	25.0	-1.7	30.0
4-Bromofluorobenzene (Surr)	Ave	0.3832	0.3746		24.4	25.0	-2.3	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3592.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 01-Dec-2023 21:27:30 ALS Bottle#: 34 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 480-0115340-034
Operator ID: CR Instrument ID: HP5973N
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:14:29 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 11:09:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	97	223883	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.015	-0.006	92	792832	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	94	417872	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	290393	25.0	25.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	65	391634	25.0	25.4	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	875481	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	85	296960	25.0	24.4	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	97	375746	25.0	29.1	
13 Chloromethane	50	1.299	1.293	0.006	99	752470	25.0	26.1	
14 Vinyl chloride	62	1.378	1.372	0.006	58	438672	25.0	29.0	
144 Butadiene	54	1.378	1.384	-0.006	99	675293	25.0	26.6	
15 Bromomethane	94	1.640	1.640	0.000	89	201112	25.0	27.2	
16 Chloroethane	64	1.701	1.706	-0.005	93	256646	25.0	27.9	
17 Dichlorofluoromethane	67	1.901	1.907	-0.006	96	550585	25.0	25.6	
18 Trichlorofluoromethane	101	1.889	1.925	-0.036	96	438702	25.0	28.4	
19 Ethyl ether	59	2.157	2.157	0.000	89	422917	25.0	25.6	
20 Acrolein	56	2.327	2.327	0.000	98	319854	125.0	294.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.358	2.357	0.001	55	260137	25.0	29.3	
22 1,1-Dichloroethene	96	2.358	2.364	-0.006	89	257092	25.0	26.9	
23 Acetone	43	2.473	2.473	0.000	96	1488325	125.0	131.2	
24 Iodomethane	142	2.510	2.510	0.000	100	482359	25.0	27.5	
25 Carbon disulfide	76	2.540	2.540	0.000	97	928283	25.0	28.7	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	86	1023469	25.0	26.3	
28 Methyl acetate	43	2.759	2.759	0.000	99	1660194	50.0	64.0	
30 Methylene Chloride	84	2.850	2.850	0.000	85	300257	25.0	28.1	
31 2-Methyl-2-propanol	59	3.021	3.027	-0.006	94	947999	250.0	258.3	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	89	1043149	25.0	27.6	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	88	295156	25.0	25.6	
34 Acrylonitrile	53	3.124	3.124	0.000	97	3616750	250.0	271.7	
35 Hexane	57	3.258	3.264	-0.006	93	646418	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
36 1,1-Dichloroethane	63	3.477	3.477	0.000	97	665657	25.0	25.5	
39 Vinyl acetate	43	3.532	3.532	0.000	96	2099702	50.0	44.2	
42 2,2-Dichloropropane	77	3.976	3.982	-0.006	73	274396	25.0	25.1	
43 cis-1,2-Dichloroethene	96	4.018	4.018	0.000	86	308138	25.0	25.9	
44 2-Butanone (MEK)	43	4.055	4.055	0.000	95	2393132	125.0	131.5	
47 Chlorobromomethane	128	4.250	4.249	0.001	82	150103	25.0	25.1	
49 Tetrahydrofuran	42	4.262	4.262	0.000	90	670699	50.0	53.0	
50 Chloroform	83	4.329	4.329	0.001	92	495934	25.0	25.9	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	92	426296	25.0	28.0	
52 Cyclohexane	56	4.438	4.438	0.000	94	881250	25.0	28.2	
53 Carbon tetrachloride	117	4.566	4.566	0.000	92	337083	25.0	28.3	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	79	354428	25.0	25.2	
55 Benzene	78	4.779	4.779	0.000	87	1043757	25.0	25.9	
56 Isobutyl alcohol	43	4.821	4.821	0.000	94	1298792	625.0	783.3	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	508765	25.0	24.0	
59 n-Heptane	43	4.967	4.967	0.000	93	919928	25.0	26.8	
60 Trichloroethene	95	5.387	5.387	0.000	92	253483	25.0	25.2	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	499735	25.0	29.3	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	84	320827	25.0	26.6	
64 Dibromomethane	93	5.752	5.758	-0.006	95	174057	25.0	26.1	
66 1,4-Dioxane	88	5.764	5.770	-0.006	28	90119	500.0	478.0	M
67 Dichlorobromomethane	83	5.917	5.910	0.006	93	311165	25.0	25.1	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	78	207019	25.0	24.6	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	78	319675	25.0	23.8	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	1390867	125.0	124.5	
73 Toluene	92	6.604	6.610	-0.006	96	585004	25.0	23.5	
75 trans-1,3-Dichloropropene	75	6.890	6.896	-0.006	85	294452	25.0	24.7	
77 Ethyl methacrylate	69	6.951	6.951	0.000	85	351454	25.0	24.9	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	91	176473	25.0	23.8	
79 Tetrachloroethene	166	7.133	7.133	0.000	90	239117	25.0	26.0	
80 1,3-Dichloropropane	76	7.237	7.236	0.001	85	352912	25.0	23.4	
82 2-Hexanone	43	7.310	7.316	-0.006	96	3106976	125.0	124.2	
83 Chlorodibromomethane	129	7.468	7.468	0.000	88	219767	25.0	23.6	
84 Ethylene Dibromide	107	7.565	7.565	0.000	98	220141	25.0	24.7	
85 Chlorobenzene	112	8.040	8.039	0.001	90	656925	25.0	24.3	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1175265	25.0	24.1	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	90	241132	25.0	25.4	
90 m-Xylene & p-Xylene	106	8.259	8.258	0.001	97	424208	25.0	25.0	
91 o-Xylene	106	8.685	8.684	0.001	98	449161	25.0	25.5	
92 Styrene	104	8.715	8.715	0.000	91	692671	25.0	24.7	
93 Bromoform	173	8.958	8.952	0.006	95	138587	25.0	22.8	
95 Isopropylbenzene	105	9.068	9.074	-0.006	96	1204449	25.0	27.3	
97 Bromobenzene	156	9.421	9.420	0.001	91	273758	25.0	23.8	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.493	0.001	94	358104	25.0	25.0	
100 N-Propylbenzene	91	9.512	9.512	0.000	98	1430619	25.0	25.9	
99 1,2,3-Trichloropropane	110	9.518	9.524	-0.006	85	117034	25.0	25.0	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	65	188903	25.0	23.2	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	269802	25.0	26.0	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	95	978421	25.0	25.9	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	954971	25.0	24.7	
106 tert-Butylbenzene	134	10.029	10.029	0.000	96	215450	25.0	25.9	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	1015604	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
109 sec-Butylbenzene	105	10.242	10.242	0.000	96	1244642	25.0	26.4	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	551193	25.0	24.9	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	98	1104727	25.0	26.3	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	558750	25.0	24.1	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	1006384	25.0	25.7	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	93	541598	25.0	24.1	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.562	0.006	74	76189	25.0	24.1	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	93	386705	25.0	25.5	
120 Hexachlorobutadiene	225	12.365	12.359	0.006	96	161070	25.0	26.1	
121 Naphthalene	128	12.456	12.456	0.000	97	1189602	25.0	25.4	
122 1,2,3-Trichlorobenzene	180	12.657	12.663	-0.006	94	340579	25.0	23.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SS GAS CORP_00548	Amount Added:	12.50	Units: uL	
SS 8260 CORP_00110	Amount Added:	12.50	Units: uL	
N_8260_Surr_00463	Amount Added:	1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added:	1.00	Units: uL	Run Reagent

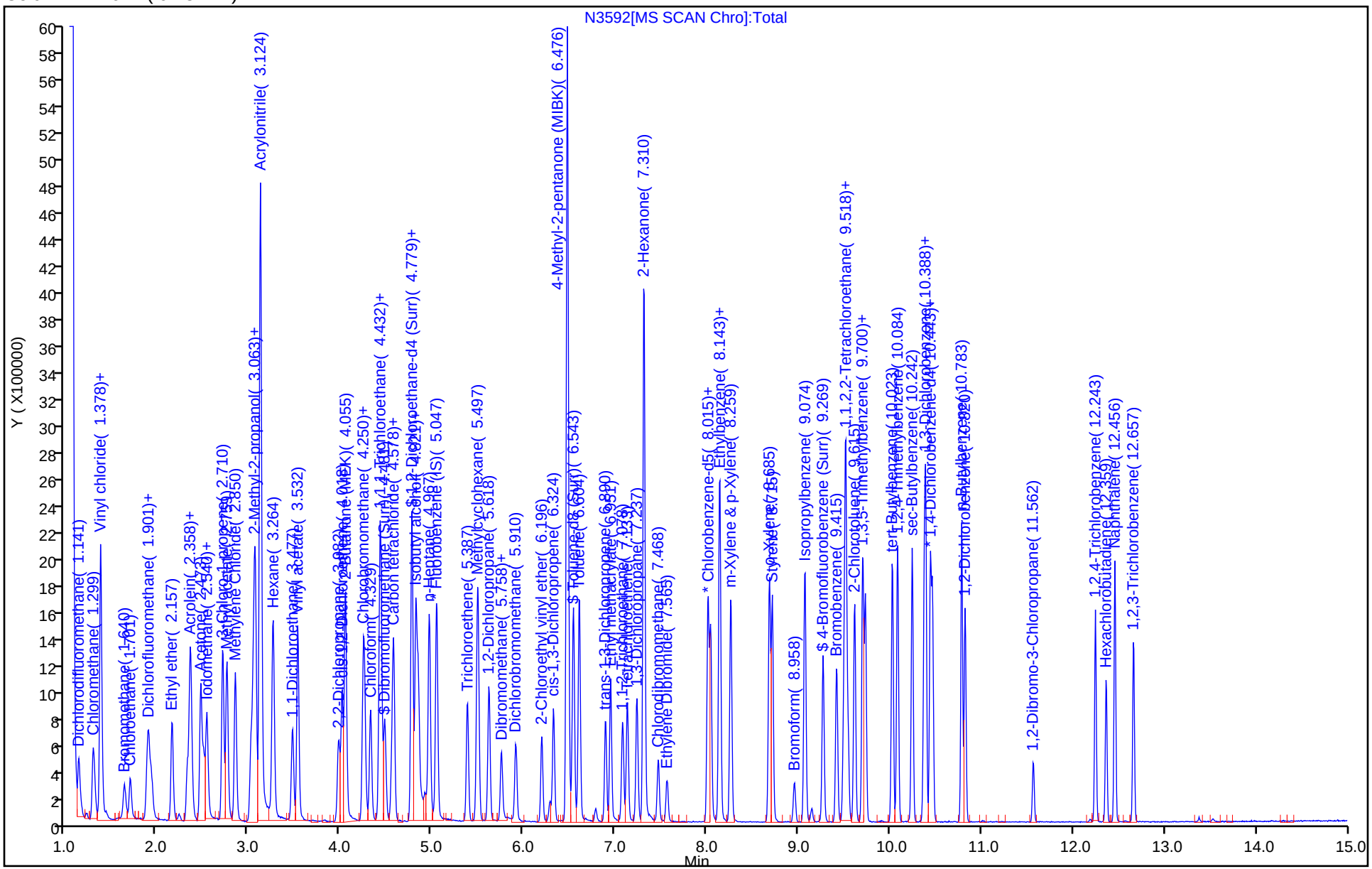
Report Date: 04-Dec-2023 11:15:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3592.d

Injection Date:	01-Dec-2023 21:27:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	ICV			Worklist Smp#:	34
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

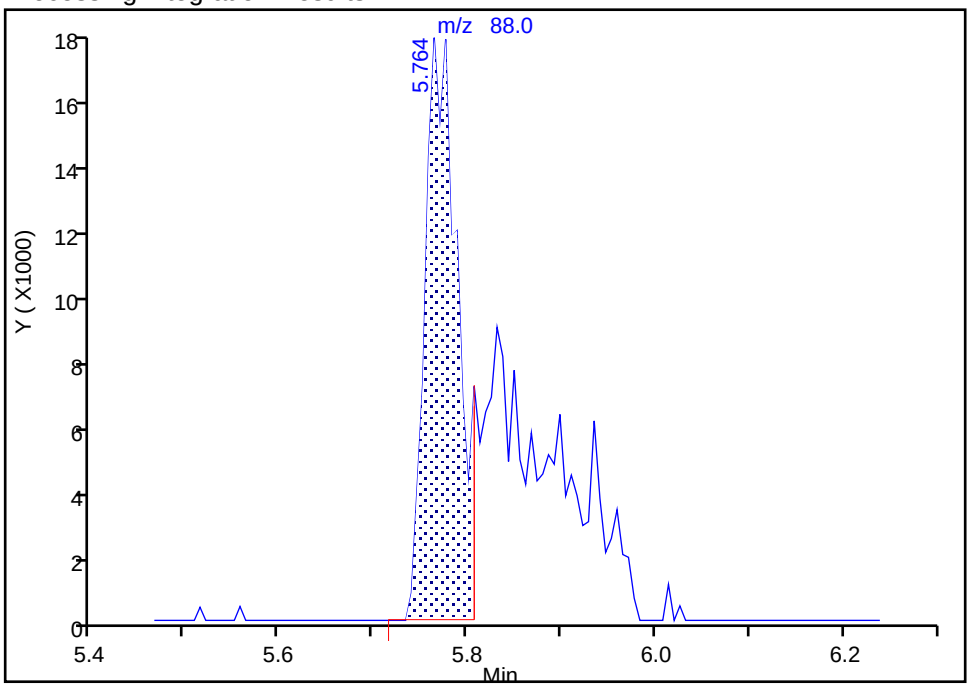
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3592.d
Injection Date: 01-Dec-2023 21:27:30 Instrument ID: HP5973N
Lims ID: ICV
Client ID:
Operator ID: CR ALS Bottle#: 34 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

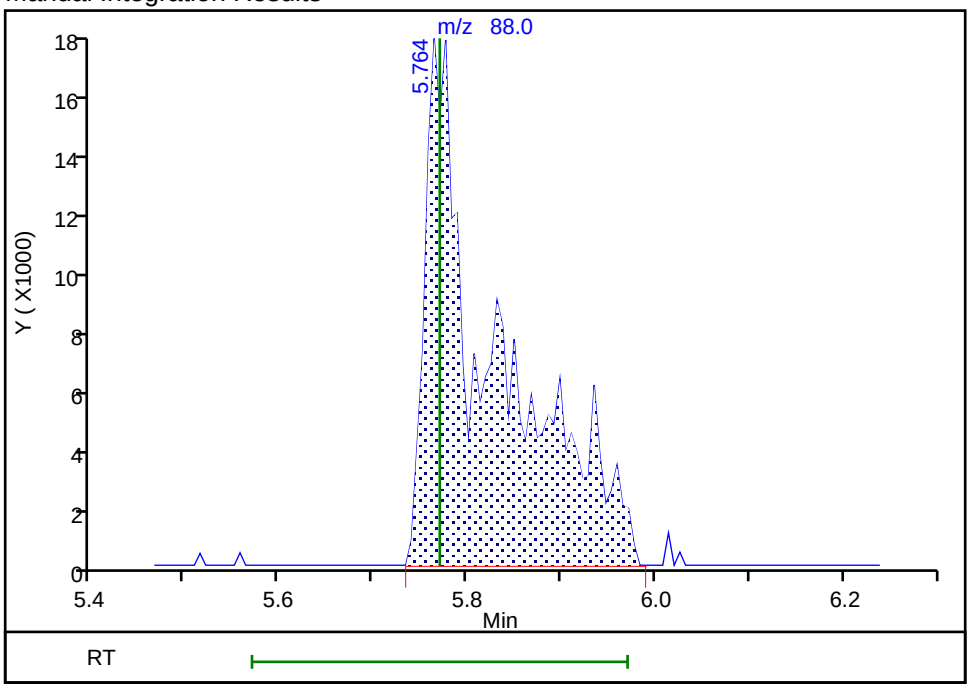
Processing Integration Results

RT: 5.76
Area: 43316
Amount: 229.7577
Amount Units: ug/L



Manual Integration Results

RT: 5.76
Area: 90119
Amount: 478.0111
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 11:08:50 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 480-693920/35 Calibration Date: 12/01/2023 21:49

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3593.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	1.275	1.272		25.0	25.0	-0.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.719	1.763		25.6	25.0	2.5	30.0
Toluene-d8 (Surr)	Ave	1.123	1.136		25.3	25.0	1.2	30.0
4-Bromofluorobenzene (Surr)	Ave	0.3832	0.4015		26.2	25.0	4.8	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d
Lims ID: ICV ADD
Client ID:
Sample Type: ICV
Inject. Date: 01-Dec-2023 21:49:30 ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV ADD
Misc. Info.: 480-0115340-035
Operator ID: CR Instrument ID: HP5973N
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:14:29 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 11:10:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	96	221125	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.015	0.000	93	733638	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	74	412796	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	281285	25.0	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	94	389819	25.0	25.6	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	833735	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	86	294579	25.0	26.2	
12 Chlorodifluoromethane	51	1.159	1.159	0.000	96	748987	25.0	31.5	
141 Ethanol	45	2.151	2.163	-0.012	99	209701	1000.0	883.1	M
81 Propene oxide	58	2.236	2.242	-0.006	95	892279	NC	NC	
26 Isopropyl alcohol	45	2.650	2.650	0.000	99	532091	250.0	228.9	M
29 Acetonitrile	40	2.765	2.765	0.000	99	616568	250.0	242.0	M
37 Isopropyl ether	45	3.495	3.495	0.000	97	2042345	25.0	25.6	
38 2-Chloro-1,3-butadiene	53	3.532	3.532	0.000	91	869713	25.0	27.4	
40 1,1-Dimethoxyethane	75	3.562	3.568	-0.006	92	334068	125.0	123.7	
41 Tert-butyl ethyl ether	59	3.824	3.824	0.000	95	1441797	25.0	25.4	
45 Ethyl acetate	43	4.085	4.091	-0.006	98	1420521	50.0	48.2	
46 Propionitrile	54	4.152	4.152	0.000	98	1220198	250.0	229.5	
48 Methacrylonitrile	67	4.256	4.262	-0.006	95	1629108	250.0	245.7	
146 Isooctane	57	4.779	4.779	0.000	97	1870959	25.0	31.7	
58 Tert-amyl methyl ether	73	4.864	4.864	0.000	80	1074595	25.0	24.4	
140 t-Amyl alcohol	59	4.870	4.876	-0.006	62	806403	250.0	246.1	
1 1,4-Difluorobenzene	114	5.162	5.162	0.000	97	700170	25.0	28.0	
61 n-Butanol	56	5.436	5.436	0.000	95	414156	625.0	616.7	
145 Ethyl acrylate	55	5.521	5.521	0.000	98	600012	25.0	23.5	
65 Methyl methacrylate	41	5.734	5.734	0.000	85	1073129	50.0	49.4	
68 2-Nitropropane	43	6.160	6.160	0.000	99	283252	50.0	45.6	
70 Epichlorohydrin	57	6.282	6.282	0.000	98	798369	250.0	246.9	
149 n-Butyl acetate	43	7.431	7.431	0.000	95	964974	25.0	25.8	
139 1-Chlorohexane	55	8.003	8.003	0.000	82	385715	25.0	25.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
86 3-Chlorobenzotrifluoride	180	8.027	8.028	-0.001	92	369287	25.0	25.5	
87 4-Chlorobenzotrifluoride	180	8.088	8.088	0.000	96	342211	25.0	25.1	
94 2-Chlorobenzotrifluoride	180	9.001	9.001	0.000	94	373462	25.0	24.9	
96 Cyclohexanone	55	9.244	9.244	0.000	97	256391	250.0	220.5	
103 3-Chlorotoluene	126	9.682	9.682	0.000	97	279161	25.0	26.1	
107 Pentachloroethane	167	10.084	10.084	0.000	83	105221	25.0	23.1	
112 Dicyclopentadiene	66	10.437	10.437	0.000	96	1338709	25.0	25.4	
114 1,2,3-Trimethylbenzene	105	10.497	10.497	0.000	98	968371	25.0	25.8	
143 Benzyl chloride	126	10.619	10.619	0.000	99	72164	25.0	23.3	
118 1,3,5-Trichlorobenzene	180	11.696	11.702	-0.006	95	390530	25.0	26.1	
142 2-Methylnaphthalene	142	13.375	13.375	0.000	92	659600	25.0	25.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SS ADD CORP_00088	Amount Added: 12.50	Units: uL	
N_8260_Surr_00463	Amount Added: 1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added: 1.00	Units: uL	Run Reagent

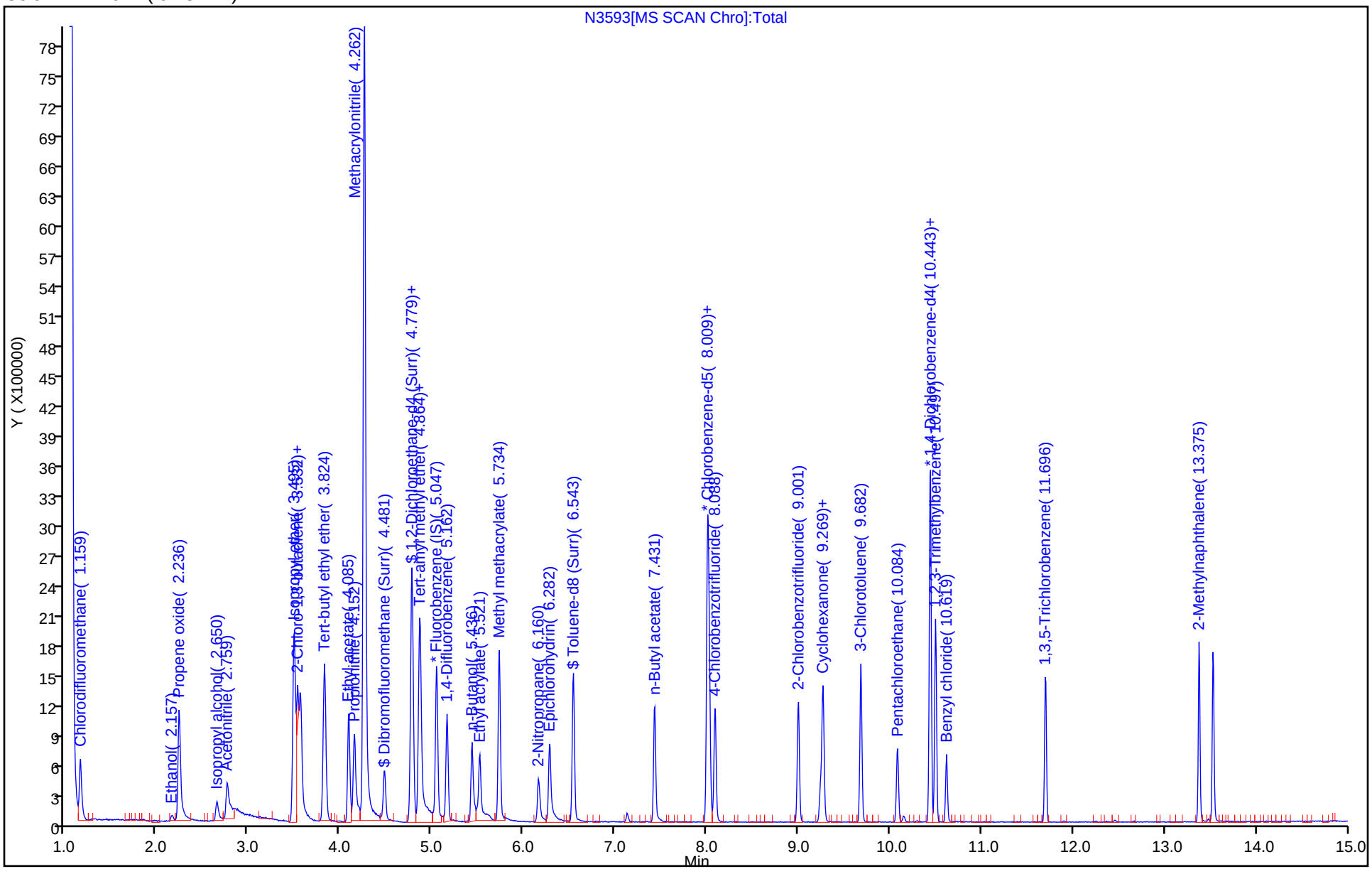
Report Date: 04-Dec-2023 11:16:06 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d

Injection Date:	01-Dec-2023 21:49:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	ICV ADD			Worklist Smp#:	35
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	N-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.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 480-693920/35 Calibration Date: 12/01/2023 21:49

Instrument ID: HP5973N Calib Start Date: 12/01/2023 18:06

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 20:20

Lab File ID: N3593.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Ave	2.690	3.387		31.5	25.0	25.9	30.0
Ethanol	Ave	0.0268	0.0237		883	1000	-11.7	30.0
Isopropyl alcohol	Ave	0.2629	0.2406		229	250	-8.5	30.0
Acetonitrile	Ave	0.2880	0.2788		242	250	-3.2	30.0
Isopropyl ether	Ave	9.017	9.236		25.6	25.0	2.4	30.0
Chloroprene	Lin1		3.933		27.4	25.0	9.7	30.0
1,1-Dimethoxyethane	Ave	0.3054	0.3022		124	125	-1.1	30.0
Tert-butyl ethyl ether	Ave	6.410	6.520		25.4	25.0	1.7	30.0
Ethyl acetate	Ave	3.330	3.212		48.2	50.0	-3.5	30.0
Propionitrile	Ave	0.6010	0.5518		230	250	-8.2	30.0
Methacrylonitrile	Ave	0.7498	0.7367		246	250	-1.7	30.0
Isooctane	Ave	6.664	8.461		31.7	25.0	27.0	30.0
Tert-amyl methyl ether	Ave	4.978	4.860		24.4	25.0	-2.4	30.0
t-Amyl alcohol	Ave	0.3705	0.3647		246	250	-1.6	30.0
1,4-Difluorobenzene	Ave	2.826	3.166		28.0	25.0	12.0	30.0
n-Butanol	Ave	0.0759	0.0749		617	625	-1.3	30.0
Ethyl acrylate	Ave	2.887	2.713		23.5	25.0	-6.0	30.0
Methyl methacrylate	Ave	2.455	2.427		49.4	50.0	-1.2	30.0
2-Nitropropane	Ave	0.3759	0.3431		45.6	50.0	-8.7	30.0
Epichlorohydrin	Ave	0.3656	0.3610		247	250	-1.2	30.0
n-Butyl acetate	Ave	1.275	1.315	0.1000	25.8	25.0	3.1	30.0
1-Chlorohexane	Ave	0.5264	0.5258		25.0	25.0	-0.1	30.0
3-Chlorobenzotrifluoride	Lin1		0.8946		25.5	25.0	1.9	30.0
4-Chlorobenzotrifluoride	Lin1		0.8290		25.1	25.0	0.5	30.0
2-Chlorobenzotrifluoride	Lin1		0.9047		24.9	25.0	-0.6	30.0
Cyclohexanone	Ave	0.0704	0.0621		220	250	-11.8	30.0
3-Chlorotoluene	Lin1		0.6763		26.1	25.0	4.4	30.0
Pentachloroethane	Lin1		0.2549		23.1	25.0	-7.7	30.0
Dicyclopentadiene	Ave	3.187	3.243		25.4	25.0	1.8	30.0
1,2,3-Trimethylbenzene	Ave	2.275	2.346		25.8	25.0	3.1	30.0
Benzyl chloride	Lin1		0.0984		23.3	25.0	-6.7	30.0
1,3,5-Trichlorobenzene	Ave	0.9075	0.9461		26.1	25.0	4.2	30.0
2-Methylnaphthalene	Ave	1.584	1.598		25.2	25.0	0.8	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d
Lims ID: ICV ADD
Client ID:
Sample Type: ICV
Inject. Date: 01-Dec-2023 21:49:30 ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV ADD
Misc. Info.: 480-0115340-035
Operator ID: CR Instrument ID: HP5973N
Sublist:

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:14:29 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: WLL8 Date: 04-Dec-2023 11:10:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	96	221125	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.015	0.000	93	733638	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	74	412796	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	93	281285	25.0	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.779	0.000	94	389819	25.0	25.6	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	833735	25.0	25.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.274	-0.005	86	294579	25.0	26.2	
12 Chlorodifluoromethane	51	1.159	1.159	0.000	96	748987	25.0	31.5	
141 Ethanol	45	2.151	2.163	-0.012	99	209701	1000.0	883.1	M
81 Propene oxide	58	2.236	2.242	-0.006	95	892279	NC	NC	
26 Isopropyl alcohol	45	2.650	2.650	0.000	99	532091	250.0	228.9	M
29 Acetonitrile	40	2.765	2.765	0.000	99	616568	250.0	242.0	M
37 Isopropyl ether	45	3.495	3.495	0.000	97	2042345	25.0	25.6	
38 2-Chloro-1,3-butadiene	53	3.532	3.532	0.000	91	869713	25.0	27.4	
40 1,1-Dimethoxyethane	75	3.562	3.568	-0.006	92	334068	125.0	123.7	
41 Tert-butyl ethyl ether	59	3.824	3.824	0.000	95	1441797	25.0	25.4	
45 Ethyl acetate	43	4.085	4.091	-0.006	98	1420521	50.0	48.2	
46 Propionitrile	54	4.152	4.152	0.000	98	1220198	250.0	229.5	
48 Methacrylonitrile	67	4.256	4.262	-0.006	95	1629108	250.0	245.7	
146 Isooctane	57	4.779	4.779	0.000	97	1870959	25.0	31.7	
58 Tert-amyl methyl ether	73	4.864	4.864	0.000	80	1074595	25.0	24.4	
140 t-Amyl alcohol	59	4.870	4.876	-0.006	62	806403	250.0	246.1	
1 1,4-Difluorobenzene	114	5.162	5.162	0.000	97	700170	25.0	28.0	
61 n-Butanol	56	5.436	5.436	0.000	95	414156	625.0	616.7	
145 Ethyl acrylate	55	5.521	5.521	0.000	98	600012	25.0	23.5	
65 Methyl methacrylate	41	5.734	5.734	0.000	85	1073129	50.0	49.4	
68 2-Nitropropane	43	6.160	6.160	0.000	99	283252	50.0	45.6	
70 Epichlorohydrin	57	6.282	6.282	0.000	98	798369	250.0	246.9	
149 n-Butyl acetate	43	7.431	7.431	0.000	95	964974	25.0	25.8	
139 1-Chlorohexane	55	8.003	8.003	0.000	82	385715	25.0	25.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
86 3-Chlorobenzotrifluoride	180	8.027	8.028	-0.001	92	369287	25.0	25.5	
87 4-Chlorobenzotrifluoride	180	8.088	8.088	0.000	96	342211	25.0	25.1	
94 2-Chlorobenzotrifluoride	180	9.001	9.001	0.000	94	373462	25.0	24.9	
96 Cyclohexanone	55	9.244	9.244	0.000	97	256391	250.0	220.5	
103 3-Chlorotoluene	126	9.682	9.682	0.000	97	279161	25.0	26.1	
107 Pentachloroethane	167	10.084	10.084	0.000	83	105221	25.0	23.1	
112 Dicyclopentadiene	66	10.437	10.437	0.000	96	1338709	25.0	25.4	
114 1,2,3-Trimethylbenzene	105	10.497	10.497	0.000	98	968371	25.0	25.8	
143 Benzyl chloride	126	10.619	10.619	0.000	99	72164	25.0	23.3	
118 1,3,5-Trichlorobenzene	180	11.696	11.702	-0.006	95	390530	25.0	26.1	
142 2-Methylnaphthalene	142	13.375	13.375	0.000	92	659600	25.0	25.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SS ADD CORP_00088	Amount Added: 12.50	Units: uL	
N_8260_Surr_00463	Amount Added: 1.00	Units: uL	Run Reagent
N 8260 IS_00256	Amount Added: 1.00	Units: uL	Run Reagent

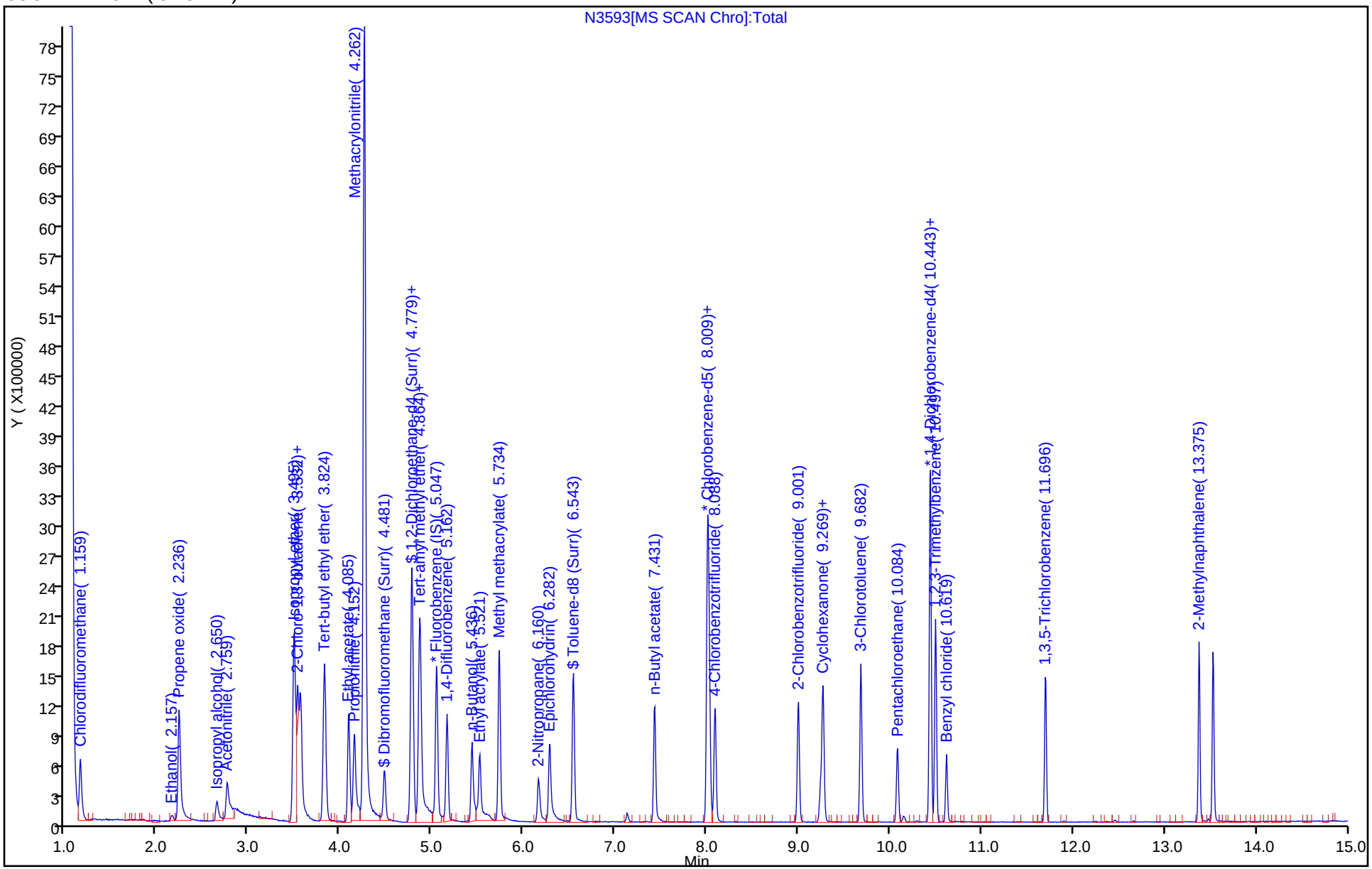
Report Date: 04-Dec-2023 11:16:06 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d

Injection Date:	01-Dec-2023 21:49:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	ICV ADD			Worklist Smp#:	35
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Buffalo

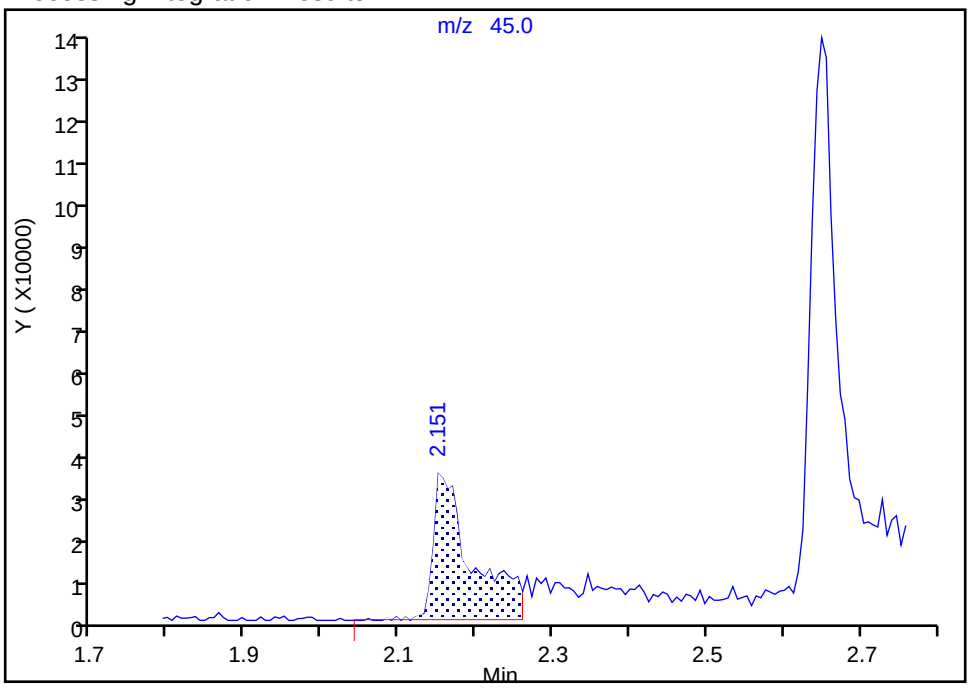
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d
Injection Date: 01-Dec-2023 21:49:30 Instrument ID: HP5973N
Lims ID: ICV ADD
Client ID:
Operator ID: CR ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

141 Ethanol, CAS: 64-17-5

Signal: 1

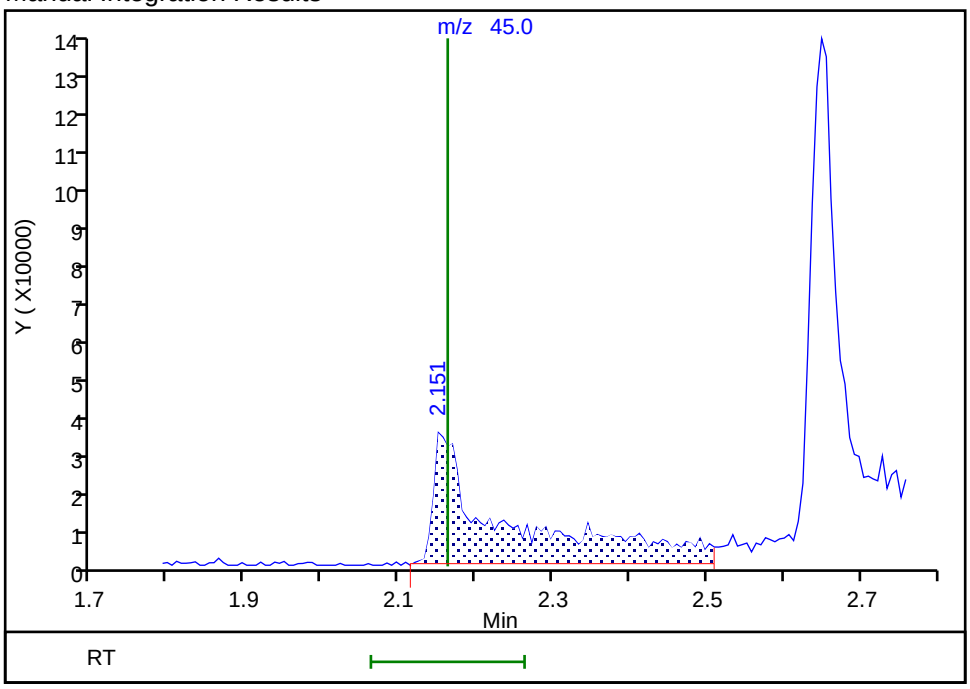
Processing Integration Results

RT: 2.15
Area: 118776
Amount: 500.2041
Amount Units: ug/L



Manual Integration Results

RT: 2.15
Area: 209701
Amount: 883.1187
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 11:10:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

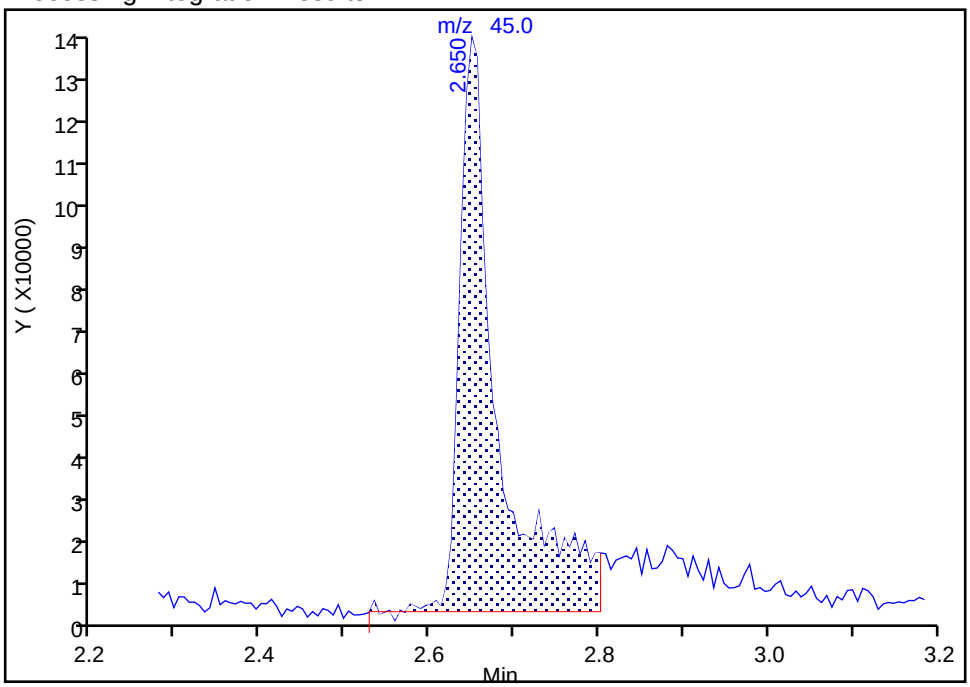
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d
Injection Date: 01-Dec-2023 21:49:30 Instrument ID: HP5973N
Lims ID: ICV ADD
Client ID:
Operator ID: CR ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

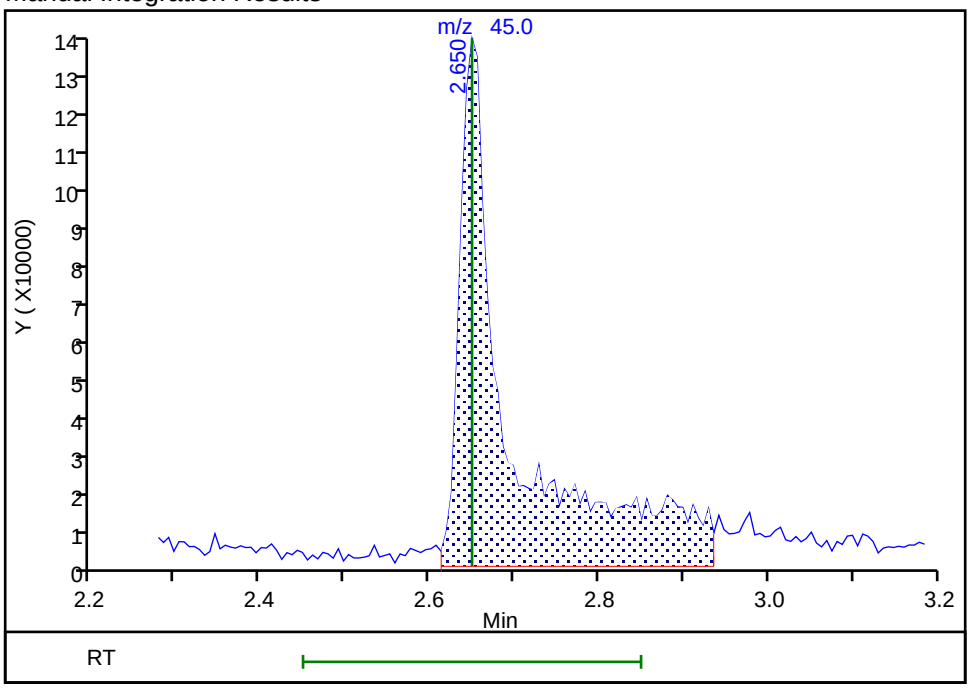
Processing Integration Results

RT: 2.65
Area: 401702
Amount: 172.7776
Amount Units: ug/L



Manual Integration Results

RT: 2.65
Area: 532091
Amount: 228.8597
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 11:10:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Buffalo

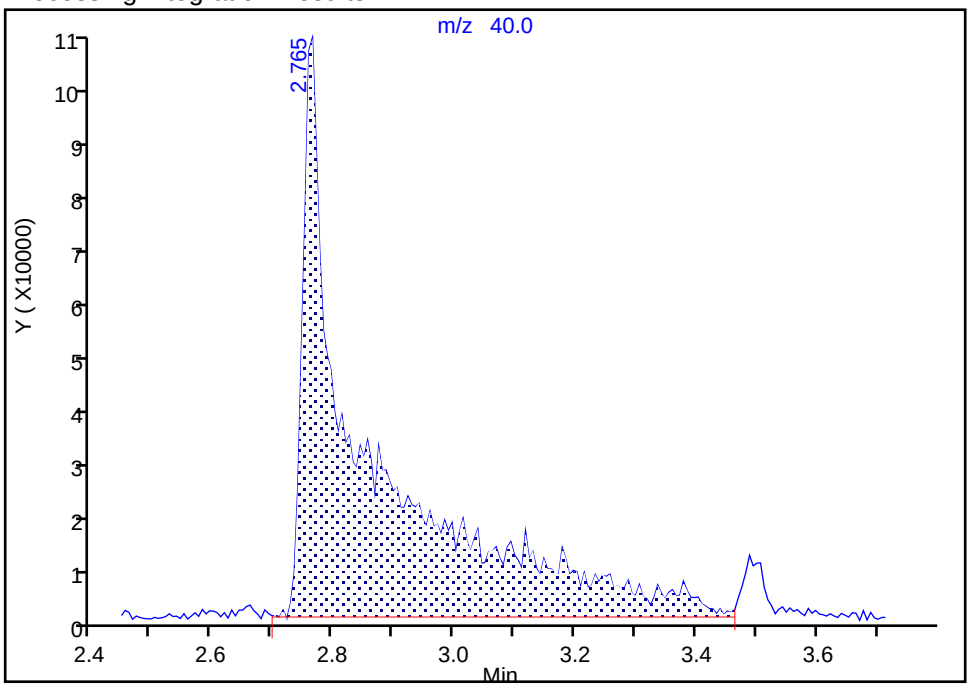
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3593.d
Injection Date: 01-Dec-2023 21:49:30 Instrument ID: HP5973N
Lims ID: ICV ADD
Client ID:
Operator ID: CR ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

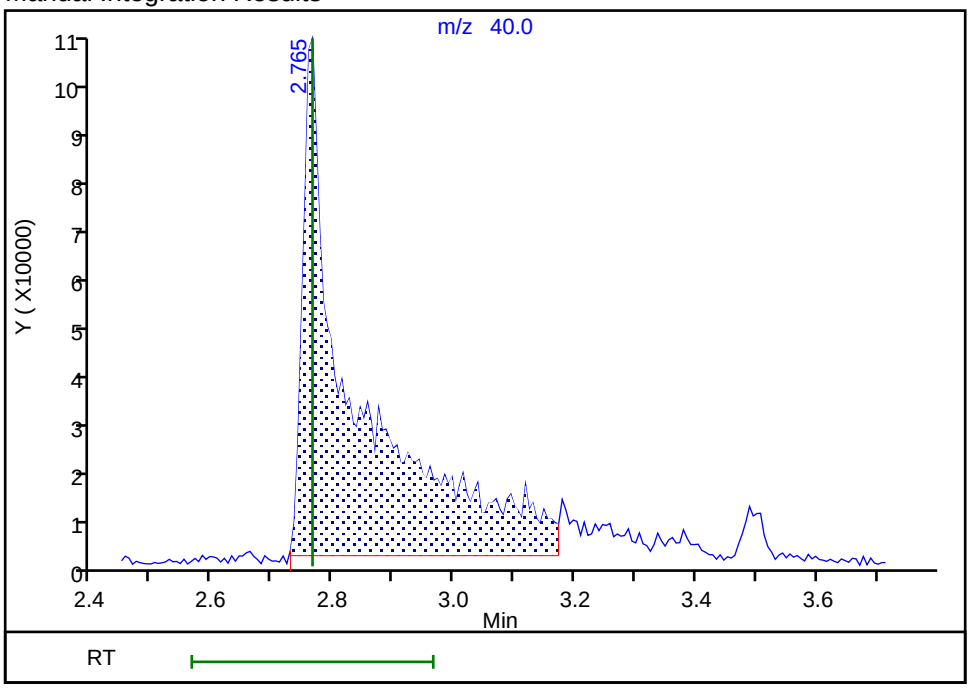
Processing Integration Results

RT: 2.77
Area: 720134
Amount: 282.7025
Amount Units: ug/L



Manual Integration Results

RT: 2.77
Area: 616568
Amount: 242.0457
Amount Units: ug/L



Reviewer: WLL8, 04-Dec-2023 11:10:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694533/4 Calibration Date: 12/07/2023 09:56

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3659.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	1.441	1.322	0.1000	22.9	25.0	-8.2	50.0
Chloromethane	Ave	3.214	2.887	0.1000	22.5	25.0	-10.2	20.0
Butadiene	Ave	2.836	2.633		23.2	25.0	-7.1	20.0
Vinyl chloride	Ave	1.691	1.700	0.1000	25.1	25.0	0.6	20.0
Bromomethane	Ave	0.8248	0.8139	0.1000	24.7	25.0	-1.3	50.0
Chloroethane	Ave	1.026	0.9566	0.1000	23.3	25.0	-6.8	50.0
Dichlorofluoromethane	Ave	2.401	2.253		23.5	25.0	-6.1	20.0
Trichlorofluoromethane	Ave	1.726	1.662	0.1000	24.1	25.0	-3.7	20.0
Ethyl ether	Ave	1.846	1.575		21.3	25.0	-14.7	20.0
Acrolein	Lin1		0.1176		121	125	-3.5	50.0
1,1-Dichloroethene	Ave	1.069	0.9322	0.1000	21.8	25.0	-12.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9900	0.8949	0.1000	22.6	25.0	-9.6	20.0
Acetone	Ave	1.267	1.106	0.1000	109	125	-12.7	50.0
Iodomethane	Ave	1.960	1.689		21.5	25.0	-13.8	20.0
Carbon disulfide	Ave	3.609	3.049	0.1000	21.1	25.0	-15.5	20.0
Allyl chloride	Ave	4.345	4.129		23.8	25.0	-5.0	20.0
Methyl acetate	Ave	2.899	2.650	0.1000	45.7	50.0	-8.6	50.0
Methylene Chloride	Lin1		1.121	0.1000	23.4	25.0	-6.4	20.0
2-Methyl-2-propanol	Ave	0.4099	0.3675		224	250	-10.3	50.0
Methyl tert-butyl ether	Ave	4.214	4.005	0.1000	23.8	25.0	-5.0	20.0
trans-1,2-Dichloroethene	Ave	1.286	1.156	0.1000	22.5	25.0	-10.1	20.0
Acrylonitrile	Ave	1.486	1.318		222	250	-11.3	20.0
Hexane	Ave	2.711	2.352		21.7	25.0	-13.3	20.0
1,1-Dichloroethane	Ave	2.912	2.675	0.2000	23.0	25.0	-8.1	20.0
Vinyl acetate	Ave	5.300	5.241		49.4	50.0	-1.1	20.0
2,2-Dichloropropane	Ave	1.219	1.250		25.6	25.0	2.5	20.0
cis-1,2-Dichloroethene	Ave	1.330	1.241	0.1000	23.3	25.0	-6.6	20.0
2-Butanone (MEK)	Ave	2.033	1.678	0.1000	103	125	-17.4	20.0
Chlorobromomethane	Ave	0.6674	0.6045		22.6	25.0	-9.4	20.0
Tetrahydrofuran	Ave	1.413	1.214		42.9	50.0	-14.1	20.0
Chloroform	Ave	2.142	2.057	0.2000	24.0	25.0	-4.0	20.0
1,1,1-Trichloroethane	Ave	1.700	1.660	0.1000	24.4	25.0	-2.4	20.0
Cyclohexane	Ave	3.490	3.196	0.1000	22.9	25.0	-8.4	20.0
Carbon tetrachloride	Ave	1.330	1.497	0.1000	28.1	25.0	12.6	20.0
1,1-Dichloropropene	Ave	1.573	1.479		23.5	25.0	-6.0	20.0
Benzene	Ave	4.504	4.155	0.5000	23.1	25.0	-7.8	20.0
Isobutyl alcohol	Ave	0.1851	0.1847		624	625	-0.2	50.0
1,2-Dichloroethane	Ave	2.372	2.129	0.1000	22.4	25.0	-10.2	20.0
n-Heptane	Ave	3.827	3.589		23.4	25.0	-6.2	20.0
Trichloroethene	Ave	1.122	1.093	0.2000	24.4	25.0	-2.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694533/4 Calibration Date: 12/07/2023 09:56

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.908	1.887	0.1000	24.7	25.0	-1.1	20.0
1,2-Dichloropropane	Ave	1.347	1.304	0.1000	24.2	25.0	-3.2	20.0
Dibromomethane	Ave	0.7434	0.7012	0.1000	23.6	25.0	-5.7	20.0
1,4-Dioxane	Ave	0.0059	0.0032		271	500	-45.9	50.0
Bromodichloromethane	Ave	1.387	1.384	0.2000	25.0	25.0	-0.2	20.0
2-Chloroethyl vinyl ether	Ave	0.9389	0.9304		24.8	25.0	-0.9	20.0
cis-1,3-Dichloropropene	Ave	1.497	1.549	0.2000	25.9	25.0	3.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3523	0.3077	0.1000	109	125	-12.7	20.0
Toluene	Ave	0.7838	0.7331	0.4000	23.4	25.0	-6.5	20.0
trans-1,3-Dichloropropene	Ave	0.3760	0.4029	0.1000	26.8	25.0	7.2	20.0
Ethyl methacrylate	Ave	0.4445	0.3940		22.2	25.0	-11.4	20.0
1,1,2-Trichloroethane	Ave	0.2341	0.2255	0.1000	24.1	25.0	-3.7	20.0
Tetrachloroethene	Ave	0.2904	0.2811	0.2000	24.2	25.0	-3.2	20.0
1,3-Dichloropropane	Ave	0.4762	0.4466		23.4	25.0	-6.2	20.0
2-Hexanone	Ave	0.7886	0.6832	0.1000	108	125	-13.4	20.0
Dibromochloromethane	Ave	0.2931	0.3030	0.1000	25.8	25.0	3.4	20.0
1,2-Dibromoethane	Ave	0.2805	0.2619		23.3	25.0	-6.6	20.0
Chlorobenzene	Ave	0.8539	0.8000	0.5000	23.4	25.0	-6.3	20.0
Ethylbenzene	Ave	1.535	1.456	0.1000	23.7	25.0	-5.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2998	0.2966		24.7	25.0	-1.0	20.0
m-Xylene & p-Xylene	Ave	0.5358	0.5112	0.1000	23.9	25.0	-4.6	20.0
o-Xylene	Ave	0.5548	0.5325	0.3000	24.0	25.0	-4.0	20.0
Styrene	Ave	0.8832	0.8381	0.3000	23.7	25.0	-5.1	20.0
Bromoform	Ave	0.1918	0.2020	0.1000	26.3	25.0	5.3	50.0
Isopropylbenzene	Ave	2.637	2.729	0.1000	25.9	25.0	3.5	20.0
Bromobenzene	Ave	0.6894	0.6291		22.8	25.0	-8.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8575	0.8315	0.3000	24.2	25.0	-3.0	20.0
N-Propylbenzene	Ave	3.301	3.340		25.3	25.0	1.2	20.0
1,2,3-Trichloropropane	Ave	0.2797	0.2531		22.6	25.0	-9.5	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.4553		23.3	25.0	-6.6	50.0
2-Chlorotoluene	Ave	0.6211	0.6203		25.0	25.0	-0.1	20.0
1,3,5-Trimethylbenzene	Ave	2.261	2.278		25.2	25.0	0.7	20.0
4-Chlorotoluene	Ave	2.316	2.224		24.0	25.0	-4.0	20.0
tert-Butylbenzene	Ave	0.4982	0.4720		23.7	25.0	-5.3	20.0
1,2,4-Trimethylbenzene	Ave	2.365	2.351		24.8	25.0	-0.6	20.0
sec-Butylbenzene	Ave	2.818	2.928		26.0	25.0	3.9	20.0
1,3-Dichlorobenzene	Ave	1.323	1.225	0.6000	23.2	25.0	-7.4	20.0
4-Isopropyltoluene	Ave	2.514	2.581		25.7	25.0	2.7	20.0
1,4-Dichlorobenzene	Ave	1.388	1.276	0.5000	23.0	25.0	-8.1	20.0
n-Butylbenzene	Ave	2.346	2.353		25.1	25.0	0.3	20.0
1,2-Dichlorobenzene	Ave	1.347	1.276	0.4000	23.7	25.0	-5.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694533/4 Calibration Date: 12/07/2023 09:56

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3659.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	0.1889	0.2027	0.0500	26.8	25.0	7.3	50.0
1,2,4-Trichlorobenzene	Ave	0.9081	0.9018	0.2000	24.8	25.0	-0.7	20.0
Hexachlorobutadiene	Ave	0.3699	0.3770		25.5	25.0	1.9	20.0
Naphthalene	Ave	2.804	2.760		24.6	25.0	-1.6	20.0
1,2,3-Trichlorobenzene	Ave	0.8632	0.8179		23.7	25.0	-5.2	20.0
Dibromofluoromethane (Surr)	Ave	1.275	1.160		22.7	25.0	-9.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.719	1.618		23.5	25.0	-5.9	20.0
Toluene-d8 (Surr)	Ave	1.123	1.072		23.9	25.0	-4.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3832	0.3659		23.9	25.0	-4.5	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3659.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Dec-2023 09:56:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0115411-004
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 10:14:59 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 10:14:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	97	231522	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	93	780682	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	407409	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.481	0.000	91	268495	25.0	22.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	66	374716	25.0	23.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	836614	25.0	23.9	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.000	83	285616	25.0	23.9	
11 Dichlorodifluoromethane	85	1.141	1.141	0.000	97	306169	25.0	22.9	
13 Chloromethane	50	1.293	1.293	0.000	99	668440	25.0	22.5	
14 Vinyl chloride	62	1.378	1.378	0.000	97	393649	25.0	25.1	
144 Butadiene	54	1.378	1.378	0.000	99	609665	25.0	23.2	
15 Bromomethane	94	1.640	1.640	0.000	92	188436	25.0	24.7	
16 Chloroethane	64	1.701	1.701	0.000	94	221478	25.0	23.3	
17 Dichlorofluoromethane	67	1.901	1.901	0.000	96	521628	25.0	23.5	
18 Trichlorofluoromethane	101	1.920	1.920	0.000	65	384730	25.0	24.1	
19 Ethyl ether	59	2.157	2.157	0.000	90	364691	25.0	21.3	
20 Acrolein	56	2.321	2.321	0.000	99	136159	125.0	120.7	
22 1,1-Dichloroethene	96	2.358	2.358	0.000	88	215823	25.0	21.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.364	2.364	0.000	83	207189	25.0	22.6	
23 Acetone	43	2.473	2.473	0.000	97	1280453	125.0	109.1	
24 Iodomethane	142	2.510	2.510	0.000	99	390927	25.0	21.5	
25 Carbon disulfide	76	2.540	2.540	0.000	97	705876	25.0	21.1	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	87	956041	25.0	23.8	
28 Methyl acetate	43	2.759	2.759	0.000	99	1226950	50.0	45.7	
30 Methylene Chloride	84	2.850	2.850	0.000	86	259531	25.0	23.4	
31 2-Methyl-2-propanol	59	3.021	3.021	0.000	98	850855	250.0	224.2	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	90	927251	25.0	23.8	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	89	267690	25.0	22.5	
34 Acrylonitrile	53	3.124	3.124	0.000	99	3051944	250.0	221.7	
35 Hexane	57	3.258	3.258	0.000	92	544470	25.0	21.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.471	3.471	0.000	96	619332	25.0	23.0	
39 Vinyl acetate	43	3.532	3.532	0.000	96	2426997	50.0	49.4	
42 2,2-Dichloropropane	77	3.976	3.976	0.000	77	289323	25.0	25.6	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	87	287433	25.0	23.3	
44 2-Butanone (MEK)	43	4.049	4.049	0.000	95	1942687	125.0	103.2	
47 Chlorobromomethane	128	4.244	4.244	0.000	82	139953	25.0	22.6	
49 Tetrahydrofuran	42	4.262	4.262	0.000	91	562023	50.0	42.9	
50 Chloroform	83	4.323	4.323	0.000	93	476200	25.0	24.0	
51 1,1,1-Trichloroethane	97	4.432	4.432	0.000	69	384286	25.0	24.4	
52 Cyclohexane	56	4.432	4.432	0.000	94	739860	25.0	22.9	
53 Carbon tetrachloride	117	4.560	4.560	0.000	93	346515	25.0	28.1	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	78	342377	25.0	23.5	
55 Benzene	78	4.779	4.779	0.000	87	961909	25.0	23.1	
56 Isobutyl alcohol	43	4.821	4.821	0.000	94	1069103	625.0	623.5	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	492909	25.0	22.4	
59 n-Heptane	43	4.967	4.967	0.000	93	830910	25.0	23.4	
60 Trichloroethene	95	5.387	5.387	0.000	93	253107	25.0	24.4	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	436904	25.0	24.7	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	301904	25.0	24.2	
64 Dibromomethane	93	5.752	5.752	0.000	93	162338	25.0	23.6	
66 1,4-Dioxane	88	5.764	5.764	0.000	53	50217	500.0	270.5	
67 Dichlorobromomethane	83	5.910	5.910	0.000	94	320454	25.0	25.0	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	82	215397	25.0	24.8	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	78	358520	25.0	25.9	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	97	1201079	125.0	109.2	
73 Toluene	92	6.610	6.610	0.000	96	572332	25.0	23.4	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	87	314515	25.0	26.8	
77 Ethyl methacrylate	69	6.951	6.951	0.000	84	307590	25.0	22.2	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	93	176056	25.0	24.1	
79 Tetrachloroethene	166	7.133	7.133	0.000	91	219427	25.0	24.2	
80 1,3-Dichloropropane	76	7.237	7.237	0.000	86	348687	25.0	23.4	
82 2-Hexanone	43	7.310	7.310	0.000	96	2666979	125.0	108.3	
83 Chlorodibromomethane	129	7.468	7.468	0.000	88	236558	25.0	25.8	
84 Ethylene Dibromide	107	7.565	7.565	0.000	99	204457	25.0	23.3	
85 Chlorobenzene	112	8.040	8.040	0.000	90	624550	25.0	23.4	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1136333	25.0	23.7	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	90	231583	25.0	24.7	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	399100	25.0	23.9	
91 o-Xylene	106	8.685	8.685	0.000	98	415748	25.0	24.0	
92 Styrene	104	8.715	8.715	0.000	91	654318	25.0	23.7	
93 Bromoform	173	8.958	8.958	0.000	94	157692	25.0	26.3	
95 Isopropylbenzene	105	9.074	9.074	0.000	96	1111786	25.0	25.9	
97 Bromobenzene	156	9.421	9.421	0.000	90	256302	25.0	22.8	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.494	0.000	95	338741	25.0	24.2	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	1360583	25.0	25.3	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	90	103116	25.0	22.6	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	73	185478	25.0	23.3	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	252735	25.0	25.0	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	95	928058	25.0	25.2	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	905964	25.0	24.0	
106 tert-Butylbenzene	134	10.029	10.029	0.000	96	192295	25.0	23.7	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	957861	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	10.242	10.242	0.000	96	1192769	25.0	26.0	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	499101	25.0	23.2	
111 4-Isopropyltoluene	119	10.394	10.394	0.000	97	1051556	25.0	25.7	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	520038	25.0	23.0	
115 n-Butylbenzene	91	10.783	10.783	0.000	97	958633	25.0	25.1	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	95	519830	25.0	23.7	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.568	0.000	73	82572	25.0	26.8	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	367382	25.0	24.8	
120 Hexachlorobutadiene	225	12.365	12.365	0.000	96	153611	25.0	25.5	
121 Naphthalene	128	12.456	12.456	0.000	97	1124354	25.0	24.6	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	96	333228	25.0	23.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added: 12.50	Units: uL	
GAS CORP mix_00598	Amount Added: 12.50	Units: uL	
N 8260 IS_00258	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added: 1.00	Units: uL	Run Reagent

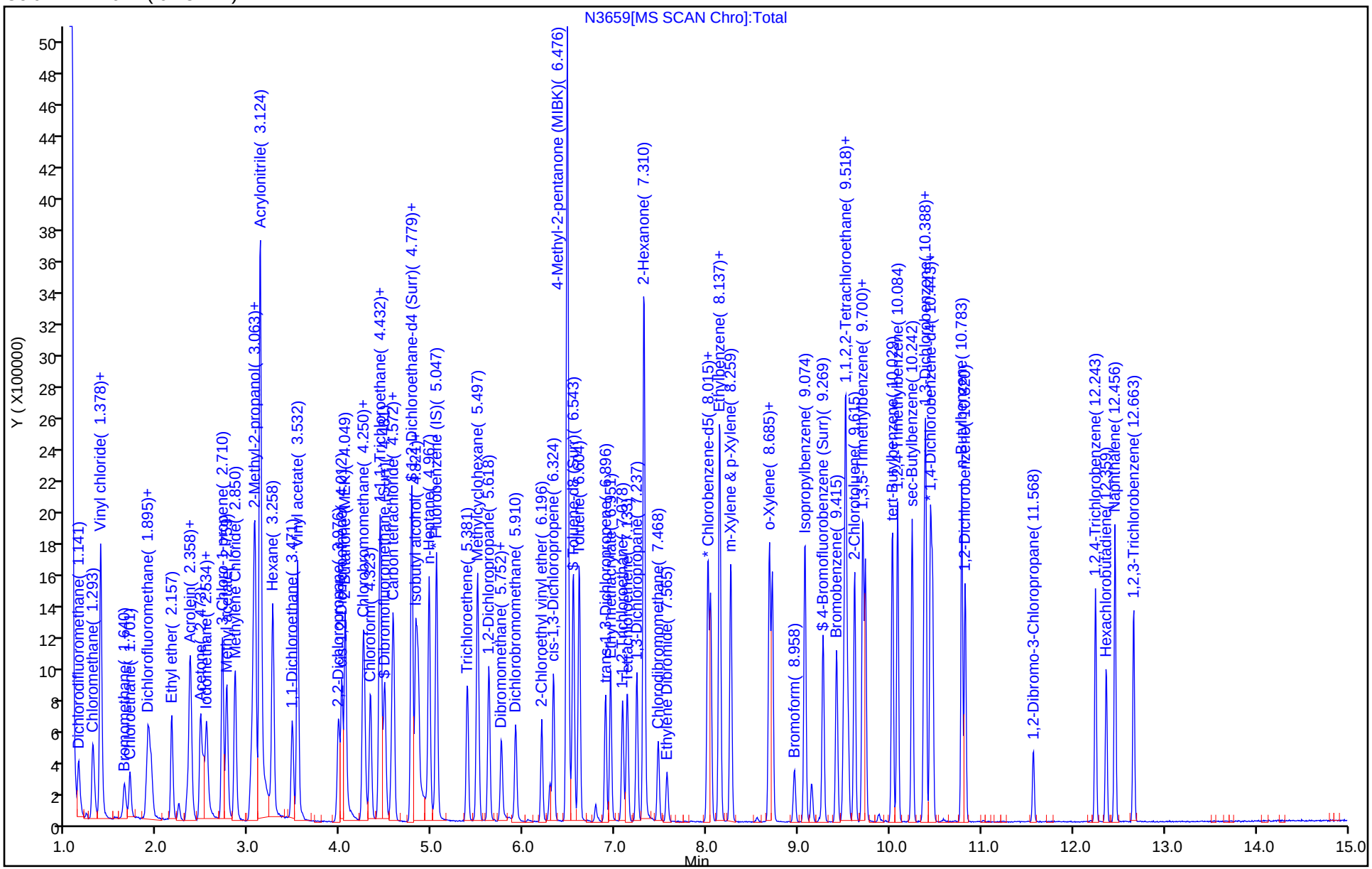
Report Date: 07-Dec-2023 10:15:00 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3659.d

Injection Date:	07-Dec-2023 09:56:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	N-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.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694708/4 Calibration Date: 12/08/2023 10:01

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3719.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	1.441	1.289	0.1000	22.4	25.0	-10.6	50.0
Chloromethane	Ave	3.214	2.948	0.1000	22.9	25.0	-8.3	20.0
Vinyl chloride	Ave	1.691	1.607	0.1000	23.8	25.0	-5.0	20.0
Butadiene	Ave	2.836	2.778		24.5	25.0	-2.0	20.0
Bromomethane	Ave	0.8248	0.7564	0.1000	22.9	25.0	-8.3	50.0
Chloroethane	Ave	1.026	0.9478	0.1000	23.1	25.0	-7.7	50.0
Trichlorofluoromethane	Ave	1.726	1.598	0.1000	23.1	25.0	-7.5	20.0
Dichlorofluoromethane	Ave	2.401	2.154		22.4	25.0	-10.3	20.0
Ethyl ether	Ave	1.846	1.656		22.4	25.0	-10.3	20.0
Acrolein	Lin1		0.1226		126	125	0.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9900	0.9761	0.1000	24.6	25.0	-1.4	20.0
1,1-Dichloroethene	Ave	1.069	0.9860	0.1000	23.1	25.0	-7.8	20.0
Acetone	Ave	1.267	1.383	0.1000	136	125	9.2	50.0
Iodomethane	Ave	1.960	1.852		23.6	25.0	-5.5	20.0
Carbon disulfide	Ave	3.609	3.475	0.1000	24.1	25.0	-3.7	20.0
Allyl chloride	Ave	4.345	4.148		23.9	25.0	-4.5	20.0
Methyl acetate	Ave	2.899	2.766	0.1000	47.7	50.0	-4.6	50.0
Methylene Chloride	Lin1		1.194	0.1000	24.9	25.0	-0.3	20.0
2-Methyl-2-propanol	Ave	0.4099	0.4025		245	250	-1.8	50.0
Methyl tert-butyl ether	Ave	4.214	4.145	0.1000	24.6	25.0	-1.6	20.0
trans-1,2-Dichloroethene	Ave	1.286	1.178	0.1000	22.9	25.0	-8.5	20.0
Acrylonitrile	Ave	1.486	1.391		234	250	-6.4	20.0
Hexane	Ave	2.711	2.617		24.1	25.0	-3.5	20.0
1,1-Dichloroethane	Ave	2.912	2.776	0.2000	23.8	25.0	-4.7	20.0
Vinyl acetate	Ave	5.300	5.506		51.9	50.0	3.9	20.0
2,2-Dichloropropane	Ave	1.219	1.247		25.6	25.0	2.3	20.0
cis-1,2-Dichloroethene	Ave	1.330	1.285	0.1000	24.2	25.0	-3.3	20.0
2-Butanone (MEK)	Ave	2.033	1.919	0.1000	118	125	-5.6	20.0
Chlorobromomethane	Ave	0.6674	0.6220		23.3	25.0	-6.8	20.0
Tetrahydrofuran	Ave	1.413	1.209		42.8	50.0	-14.5	20.0
Chloroform	Ave	2.142	2.033	0.2000	23.7	25.0	-5.1	20.0
1,1,1-Trichloroethane	Ave	1.700	1.689	0.1000	24.8	25.0	-0.6	20.0
Cyclohexane	Ave	3.490	3.209	0.1000	23.0	25.0	-8.0	20.0
Carbon tetrachloride	Ave	1.330	1.454	0.1000	27.3	25.0	9.3	20.0
1,1-Dichloropropene	Ave	1.573	1.534		24.4	25.0	-2.4	20.0
Benzene	Ave	4.504	4.340	0.5000	24.1	25.0	-3.6	20.0
Isobutyl alcohol	Ave	0.1851	0.1961		662	625	5.9	50.0
1,2-Dichloroethane	Ave	2.372	2.169	0.1000	22.9	25.0	-8.6	20.0
n-Heptane	Ave	3.827	3.794		24.8	25.0	-0.9	20.0
Trichloroethene	Ave	1.122	1.129	0.2000	25.1	25.0	0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694708/4 Calibration Date: 12/08/2023 10:01

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3719.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.908	1.826	0.1000	23.9	25.0	-4.3	20.0
1,2-Dichloropropane	Ave	1.347	1.386	0.1000	25.7	25.0	2.9	20.0
Dibromomethane	Ave	0.7434	0.7252	0.1000	24.4	25.0	-2.4	20.0
1,4-Dioxane	Ave	0.0059	0.0042		353	500	-29.4	50.0
Bromodichloromethane	Ave	1.387	1.438	0.2000	25.9	25.0	3.7	20.0
2-Chloroethyl vinyl ether	Ave	0.9389	0.9583		25.5	25.0	2.1	20.0
cis-1,3-Dichloropropene	Ave	1.497	1.609	0.2000	26.9	25.0	7.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3523	0.3231	0.1000	115	125	-8.3	20.0
Toluene	Ave	0.7838	0.7799	0.4000	24.9	25.0	-0.5	20.0
trans-1,3-Dichloropropene	Ave	0.3760	0.4189	0.1000	27.9	25.0	11.4	20.0
Ethyl methacrylate	Ave	0.4445	0.4298		24.2	25.0	-3.3	20.0
1,1,2-Trichloroethane	Ave	0.2341	0.2276	0.1000	24.3	25.0	-2.8	20.0
Tetrachloroethene	Ave	0.2904	0.2913	0.2000	25.1	25.0	0.3	20.0
1,3-Dichloropropane	Ave	0.4762	0.4867		25.6	25.0	2.2	20.0
2-Hexanone	Ave	0.7886	0.7275	0.1000	115	125	-7.8	20.0
Dibromochloromethane	Ave	0.2931	0.2961	0.1000	25.3	25.0	1.0	20.0
1,2-Dibromoethane	Ave	0.2805	0.2914		26.0	25.0	3.9	20.0
Chlorobenzene	Ave	0.8539	0.8096	0.5000	23.7	25.0	-5.2	20.0
Ethylbenzene	Ave	1.535	1.479	0.1000	24.1	25.0	-3.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2998	0.2915		24.3	25.0	-2.8	20.0
m-Xylene & p-Xylene	Ave	0.5358	0.5466	0.1000	25.5	25.0	2.0	20.0
o-Xylene	Ave	0.5548	0.5361	0.3000	24.2	25.0	-3.4	20.0
Styrene	Ave	0.8832	0.8685	0.3000	24.6	25.0	-1.7	20.0
Bromoform	Ave	0.1918	0.1892	0.1000	24.7	25.0	-1.4	50.0
Isopropylbenzene	Ave	2.637	2.823	0.1000	26.8	25.0	7.1	20.0
Bromobenzene	Ave	0.6894	0.6729		24.4	25.0	-2.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8575	0.8350	0.3000	24.3	25.0	-2.6	20.0
N-Propylbenzene	Ave	3.301	3.411		25.8	25.0	3.3	20.0
1,2,3-Trichloropropane	Ave	0.2797	0.2665		23.8	25.0	-4.7	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.3855		19.9	25.0	-20.5	50.0
2-Chlorotoluene	Ave	0.6211	0.6448		26.0	25.0	3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.261	2.407		26.6	25.0	6.4	20.0
4-Chlorotoluene	Ave	2.316	2.281		24.6	25.0	-1.5	20.0
tert-Butylbenzene	Ave	0.4982	0.4958		24.9	25.0	-0.5	20.0
1,2,4-Trimethylbenzene	Ave	2.365	2.411		25.5	25.0	1.9	20.0
sec-Butylbenzene	Ave	2.818	2.952		26.2	25.0	4.7	20.0
1,3-Dichlorobenzene	Ave	1.323	1.275	0.6000	24.1	25.0	-3.6	20.0
4-Isopropyltoluene	Ave	2.514	2.648		26.3	25.0	5.3	20.0
1,4-Dichlorobenzene	Ave	1.388	1.291	0.5000	23.2	25.0	-7.0	20.0
n-Butylbenzene	Ave	2.346	2.394		25.5	25.0	2.0	20.0
1,2-Dichlorobenzene	Ave	1.347	1.248	0.4000	23.2	25.0	-7.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 480-694708/4 Calibration Date: 12/08/2023 10:01

Instrument ID: HP5973N Calib Start Date: 12/01/2023 13:37

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 12/01/2023 16:14

Lab File ID: N3719.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	0.1889	0.2017	0.0500	26.7	25.0	6.7	50.0
1,2,4-Trichlorobenzene	Ave	0.9081	0.9191	0.2000	25.3	25.0	1.2	20.0
Hexachlorobutadiene	Ave	0.3699	0.3994		27.0	25.0	8.0	20.0
Naphthalene	Ave	2.804	2.867		25.6	25.0	2.2	20.0
1,2,3-Trichlorobenzene	Ave	0.8632	0.8540		24.7	25.0	-1.1	20.0
Dibromofluoromethane (Surr)	Ave	1.275	1.165		22.9	25.0	-8.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.719	1.609		23.4	25.0	-6.4	20.0
Toluene-d8 (Surr)	Ave	1.123	1.107		24.6	25.0	-1.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3832	0.3708		24.2	25.0	-3.3	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3719.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Dec-2023 10:01:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 480-0115432-004
Operator ID: CR Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 10:36:26 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 10:36:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	97	232884	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.015	0.000	92	792621	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	94	397998	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.475	4.475	0.000	93	271318	25.0	22.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	64	374628	25.0	23.4	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	877244	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.000	85	293879	25.0	24.2	
11 Dichlorodifluoromethane	85	1.135	1.135	0.000	97	300148	25.0	22.4	
13 Chloromethane	50	1.293	1.293	0.000	99	686522	25.0	22.9	
14 Vinyl chloride	62	1.372	1.372	0.000	97	374166	25.0	23.8	
144 Butadiene	54	1.378	1.378	0.000	97	647004	25.0	24.5	
15 Bromomethane	94	1.640	1.640	0.000	89	176153	25.0	22.9	
16 Chloroethane	64	1.701	1.701	0.000	93	220726	25.0	23.1	
18 Trichlorofluoromethane	101	1.883	1.883	0.000	96	372047	25.0	23.1	
17 Dichlorofluoromethane	67	1.901	1.901	0.000	96	501607	25.0	22.4	
19 Ethyl ether	59	2.157	2.157	0.000	90	385616	25.0	22.4	
20 Acrolein	56	2.321	2.321	0.000	98	142736	125.0	125.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.352	2.352	0.000	75	227315	25.0	24.6	
22 1,1-Dichloroethene	96	2.358	2.358	0.000	89	229629	25.0	23.1	
23 Acetone	43	2.467	2.467	0.000	97	1610540	125.0	136.5	
24 Iodomethane	142	2.504	2.504	0.000	99	431372	25.0	23.6	
25 Carbon disulfide	76	2.534	2.534	0.000	97	809339	25.0	24.1	
27 3-Chloro-1-propene	41	2.704	2.704	0.000	86	966004	25.0	23.9	
28 Methyl acetate	43	2.753	2.753	0.000	99	1288315	50.0	47.7	
30 Methylene Chloride	84	2.844	2.844	0.000	86	278019	25.0	24.9	
31 2-Methyl-2-propanol	59	3.021	3.021	0.000	97	937254	250.0	245.5	
32 Methyl tert-butyl ether	73	3.051	3.051	0.000	91	965388	25.0	24.6	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	87	274223	25.0	22.9	
34 Acrylonitrile	53	3.118	3.118	0.000	97	3239406	250.0	233.9	
35 Hexane	57	3.258	3.258	0.000	92	609362	25.0	24.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.471	3.471	0.000	96	646518	25.0	23.8	
39 Vinyl acetate	43	3.526	3.526	0.000	96	2564388	50.0	51.9	
42 2,2-Dichloropropane	77	3.982	3.982	0.000	79	290378	25.0	25.6	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	87	299298	25.0	24.2	
44 2-Butanone (MEK)	43	4.049	4.049	0.000	95	2234526	125.0	118.0	
47 Chlorobromomethane	128	4.244	4.244	0.000	82	144848	25.0	23.3	
49 Tetrahydrofuran	42	4.262	4.262	0.000	90	562910	50.0	42.8	
50 Chloroform	83	4.323	4.323	0.000	92	473370	25.0	23.7	
51 1,1,1-Trichloroethane	97	4.426	4.426	0.000	94	393429	25.0	24.8	
52 Cyclohexane	56	4.432	4.432	0.000	95	747411	25.0	23.0	
53 Carbon tetrachloride	117	4.560	4.560	0.000	94	338497	25.0	27.3	
54 1,1-Dichloropropene	75	4.572	4.572	0.000	79	357346	25.0	24.4	
55 Benzene	78	4.779	4.779	0.000	87	1010818	25.0	24.1	
56 Isobutyl alcohol	43	4.821	4.821	0.000	95	1141835	625.0	662.0	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	93	505045	25.0	22.9	
59 n-Heptane	43	4.967	4.967	0.000	95	883463	25.0	24.8	
60 Trichloroethene	95	5.381	5.381	0.000	93	262900	25.0	25.1	
62 Methylcyclohexane	83	5.497	5.497	0.000	89	425280	25.0	23.9	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	322849	25.0	25.7	
64 Dibromomethane	93	5.752	5.752	0.000	93	168895	25.0	24.4	
66 1,4-Dioxane	88	5.764	5.764	0.000	54	66576	500.0	353.2	
67 Dichlorobromomethane	83	5.910	5.910	0.000	94	334850	25.0	25.9	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	83	223163	25.0	25.5	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	78	374669	25.0	26.9	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	97	1280579	125.0	114.6	
73 Toluene	92	6.604	6.604	0.000	97	618167	25.0	24.9	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	87	332055	25.0	27.9	
77 Ethyl methacrylate	69	6.951	6.951	0.000	84	340682	25.0	24.2	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	93	180410	25.0	24.3	
79 Tetrachloroethene	166	7.133	7.133	0.000	88	230886	25.0	25.1	
80 1,3-Dichloropropane	76	7.237	7.237	0.000	85	385769	25.0	25.6	
82 2-Hexanone	43	7.316	7.316	0.000	96	2883013	125.0	115.3	
83 Chlorodibromomethane	129	7.468	7.468	0.000	89	234714	25.0	25.3	
84 Ethylene Dibromide	107	7.565	7.565	0.000	95	230941	25.0	26.0	
85 Chlorobenzene	112	8.040	8.040	0.000	90	641691	25.0	23.7	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1171931	25.0	24.1	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	93	231071	25.0	24.3	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	433263	25.0	25.5	
91 o-Xylene	106	8.685	8.685	0.000	98	424963	25.0	24.2	
92 Styrene	104	8.715	8.715	0.000	91	688408	25.0	24.6	
93 Bromoform	173	8.958	8.958	0.000	95	149940	25.0	24.7	
95 Isopropylbenzene	105	9.074	9.074	0.000	96	1123461	25.0	26.8	
97 Bromobenzene	156	9.421	9.421	0.000	90	267826	25.0	24.4	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.494	0.000	94	332309	25.0	24.3	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	1357545	25.0	25.8	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	88	106065	25.0	23.8	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	70	153447	25.0	19.9	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	256630	25.0	26.0	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	94	957979	25.0	26.6	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	907885	25.0	24.6	
106 tert-Butylbenzene	134	10.023	10.023	0.000	96	197320	25.0	24.9	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	959500	25.0	25.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	10.242	10.242	0.000	96	1174709	25.0	26.2	
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	507292	25.0	24.1	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	97	1053766	25.0	26.3	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	513821	25.0	23.2	
115 n-Butylbenzene	91	10.783	10.783	0.000	98	952931	25.0	25.5	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	95	496607	25.0	23.2	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.568	0.000	70	80260	25.0	26.7	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	365816	25.0	25.3	
120 Hexachlorobutadiene	225	12.359	12.359	0.000	95	158955	25.0	27.0	
121 Naphthalene	128	12.456	12.456	0.000	97	1140964	25.0	25.6	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	94	339885	25.0	24.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added:	12.50	Units: uL	
GAS CORP mix_00598	Amount Added:	12.50	Units: uL	
N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

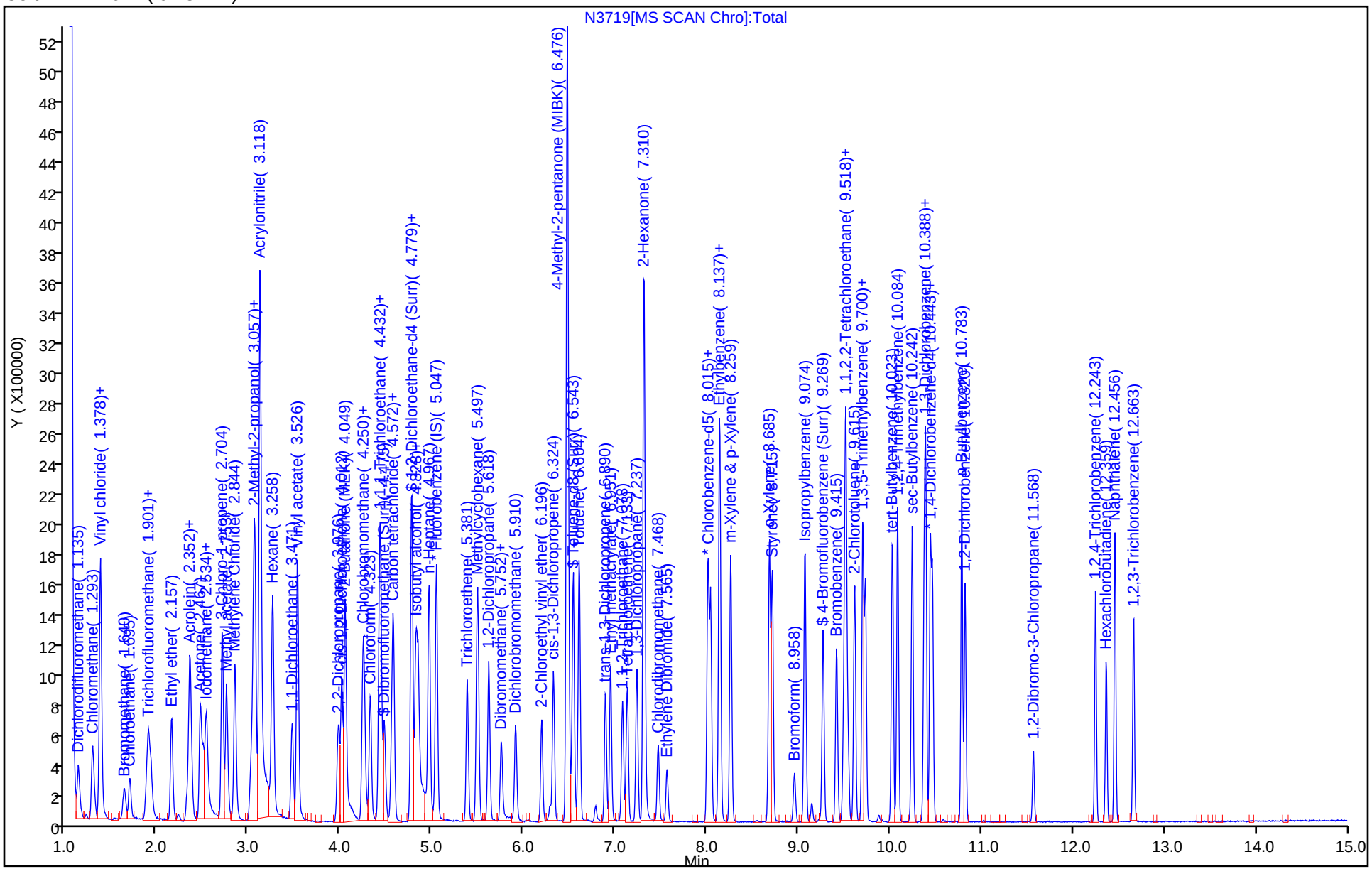
Report Date: 08-Dec-2023 10:36:27 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3719.d

Injection Date:	08-Dec-2023 10:01:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3569.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 01-Dec-2023 12:48:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0115340-011
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 04-Dec-2023 11:16:09 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: F2FA Date: 01-Dec-2023 12:59:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.552	4.552	0.000	83	118370	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

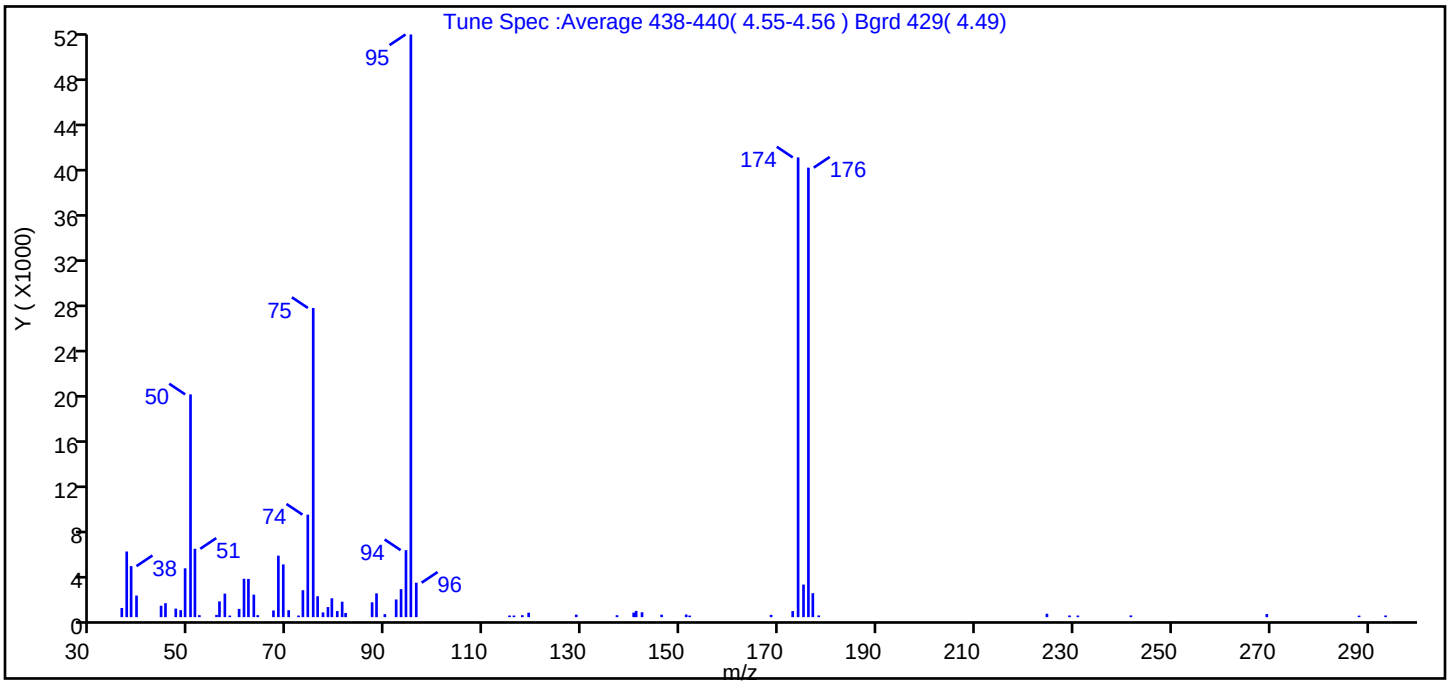
BFB_WRK_00152 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3569.d
Injection Date: 01-Dec-2023 12:48:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: CR ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	38.2
75	30 to 60% of m/z 95	53.1
96	5 to 9% of m/z 95	5.9
173	Less than 2% of m/z 174	1.0 (1.3)
174	50 to 120% of m/z 95	78.9
175	5 to 9% of m/z 174	5.6 (7.1)
176	Greater than 95% but less than 101% of m/z 174	77.1 (97.8)
177	5 to 9% of m/z 176	4.1 (5.3)

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3569.d\N-8260.rslt\spectra.d
Injection Date: 01-Dec-2023 12:48:30
Spectrum: Tune Spec :Average 438-440(4.55-4.56) Bgrd 429(4.49)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	811	62.00	3381	87.00	1310	151.00	232
37.00	5809	63.00	1993	88.00	2107	152.00	139
38.00	4513	64.00	175	90.00	266	168.00	201
39.00	1911	67.00	591	92.00	1564	173.00	534
44.00	1008	68.00	5441	93.00	2476	174.00	40680
45.00	1238	69.00	4667	94.00	5928	175.00	2882
47.00	754	70.00	612	95.00	51560	176.00	39776
48.00	619	72.00	143	96.00	3047	177.00	2119
49.00	4319	73.00	2382	115.00	145	178.00	151
50.00	19712	74.00	9069	116.00	143	225.00	300
51.00	6049	75.00	27360	118.00	174	229.00	150
52.00	176	76.00	1849	119.00	393	231.00	142
55.00	200	77.00	420	129.00	223	242.00	153
56.00	1395	78.00	893	137.00	171	269.00	274
57.00	2082	79.00	1670	140.00	400	288.00	135
58.00	140	80.00	541	141.00	553	294.00	149
60.00	729	81.00	1366	142.00	432		
61.00	3395	82.00	370	146.00	217		

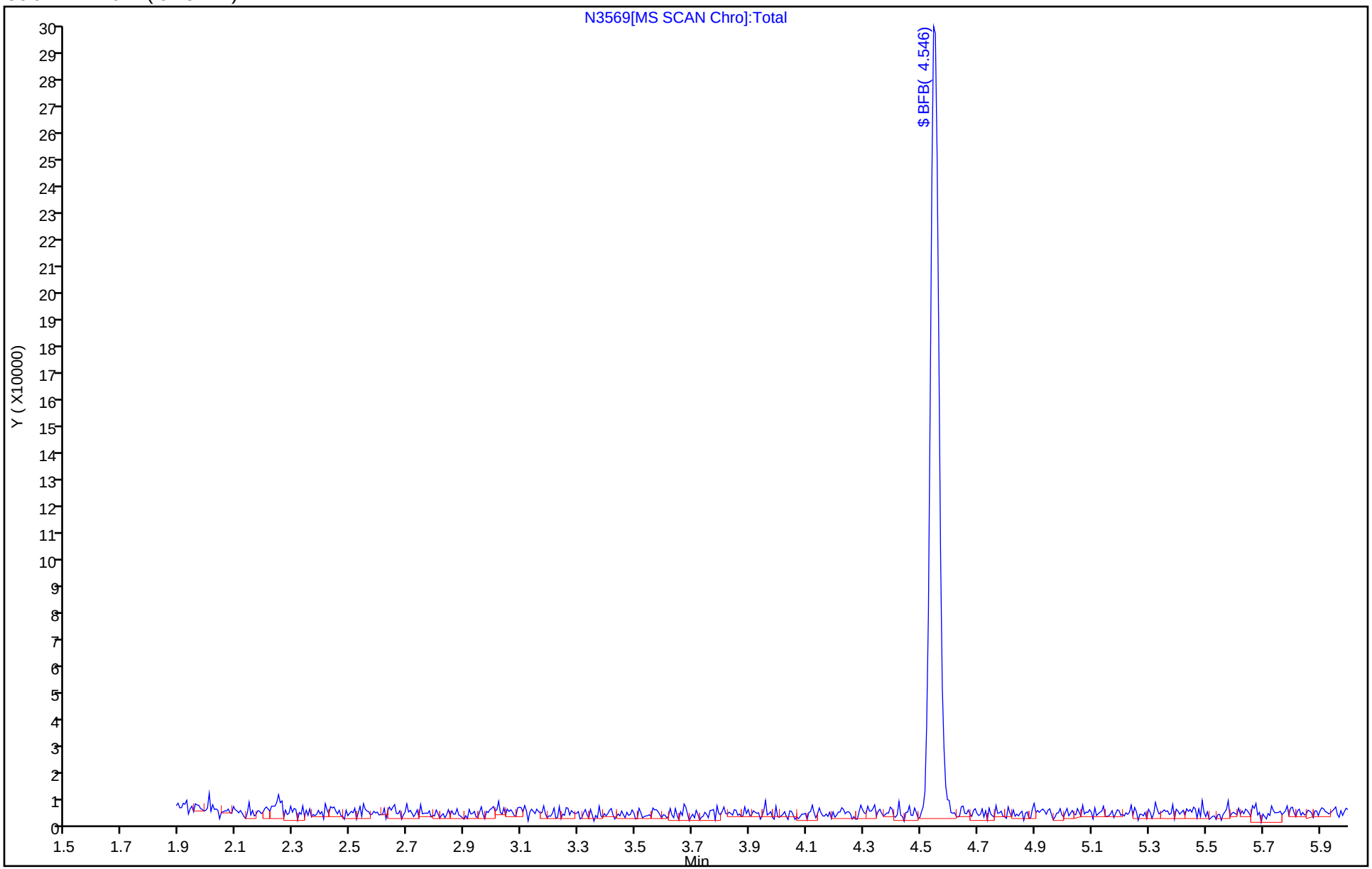
Report Date: 04-Dec-2023 11:16:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3569.d

Injection Date:	01-Dec-2023 12:48:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	BFB			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3658.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Dec-2023 09:29:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0115411-003
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 09:40:47 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 09:40:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.540	4.540	0.000	82	149741	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

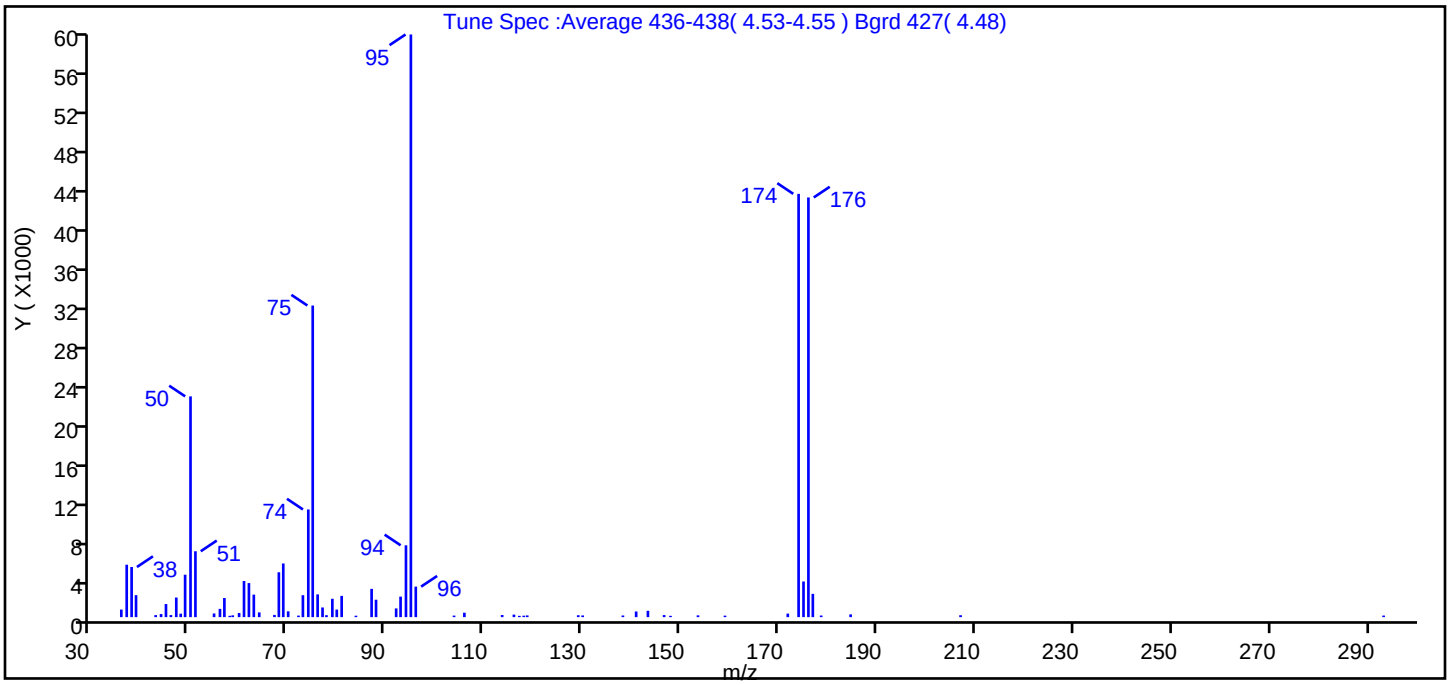
BFB_WRK_00152 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3658.d
Injection Date: 07-Dec-2023 09:29:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: CR ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	37.9
75	30 to 60% of m/z 95	53.5
96	5 to 9% of m/z 95	5.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	72.6
175	5 to 9% of m/z 174	6.1 (8.4)
176	Greater than 95% but less than 101% of m/z 174	72.0 (99.1)
177	5 to 9% of m/z 176	4.0 (5.6)

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3658.d\N-8260.rslt\spectra.d
Injection Date: 07-Dec-2023 09:29:30
Spectrum: Tune Spec :Average 436-438(4.53-4.55) Bgrd 427(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	775	60.00	422	81.00	2173	138.00	169
37.00	5357	61.00	3692	84.00	148	141.00	578
38.00	5122	62.00	3479	87.00	2889	143.00	648
39.00	2246	63.00	2300	88.00	1779	147.00	212
43.00	207	64.00	484	92.00	892	148.00	136
44.00	316	67.00	227	93.00	2097	154.00	183
45.00	1338	68.00	4584	94.00	7339	159.00	154
46.00	213	69.00	5484	95.00	59520	172.00	362
47.00	2004	70.00	594	96.00	3117	174.00	43240
48.00	354	72.00	160	104.00	159	175.00	3643
49.00	4336	73.00	2241	106.00	452	176.00	42872
50.00	22552	74.00	10999	114.00	219	177.00	2380
51.00	6731	75.00	31832	116.00	260	179.00	166
55.00	375	76.00	2327	117.00	134	185.00	283
56.00	845	77.00	990	118.00	149	207.00	195
57.00	1955	78.00	202	119.00	176	293.00	162
58.00	136	79.00	1875	129.00	197		
59.00	184	80.00	773	130.00	174		

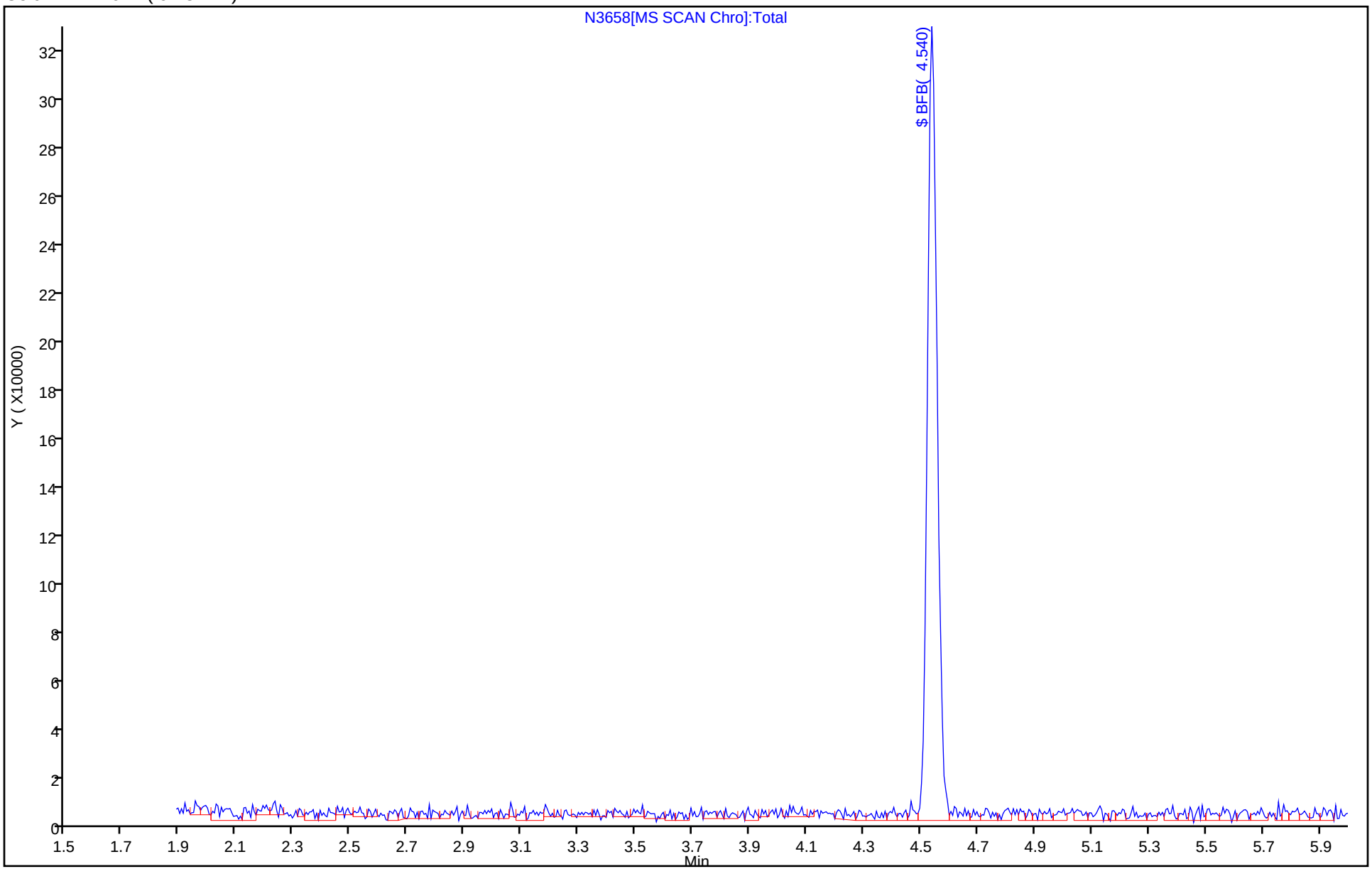
Report Date: 07-Dec-2023 09:40:47 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3658.d

Injection Date:	07-Dec-2023 09:29:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	BFB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3718.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Dec-2023 09:36:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0115432-003
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 09:46:25 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 09:46:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
$ 4 BFB	95	4.546	4.546	0.000	82	168984	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

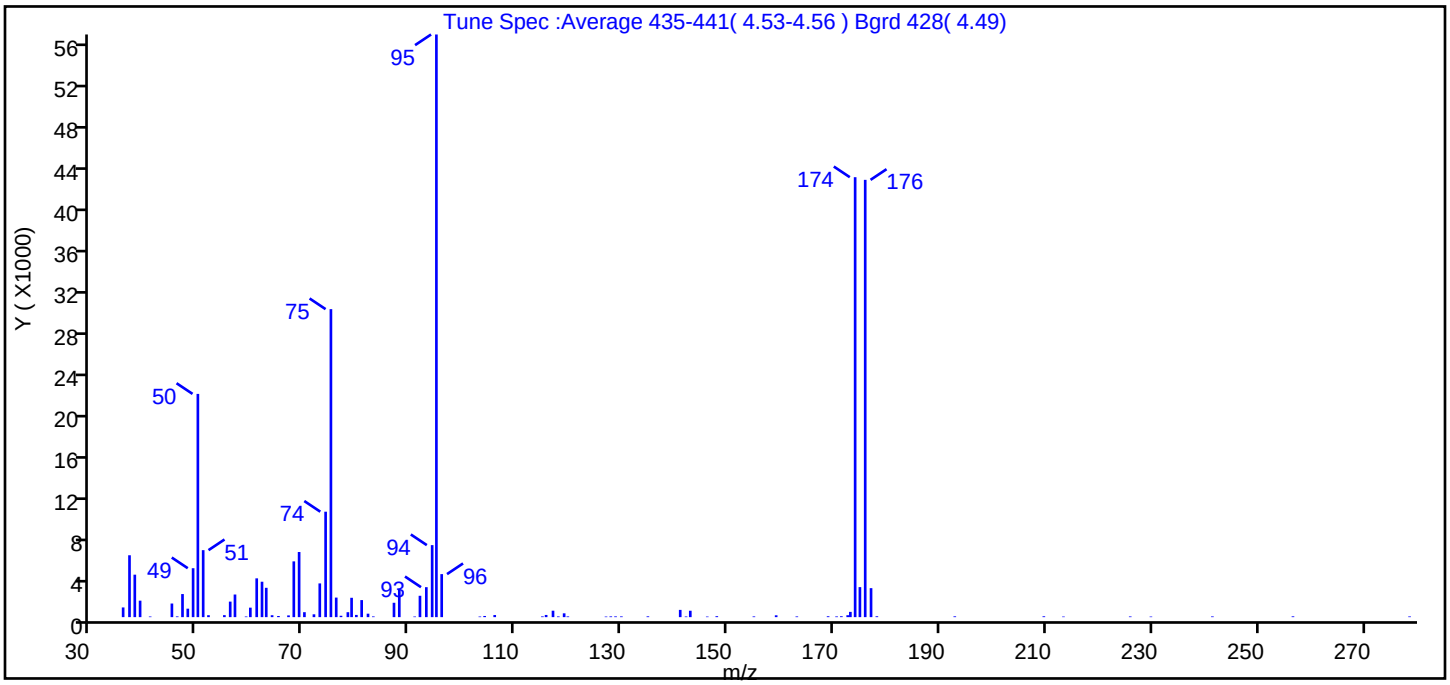
BFB_WRK_00152 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3718.d
Injection Date: 08-Dec-2023 09:36:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: CR ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	38.3
75	30 to 60% of m/z 95	52.9
96	5 to 9% of m/z 95	7.4
173	Less than 2% of m/z 174	1.2 (1.6)
174	50 to 120% of m/z 95	75.5
175	5 to 9% of m/z 174	5.2 (6.8)
176	Greater than 95% but less than 101% of m/z 174	75.0 (99.4)
177	5 to 9% of m/z 176	5.0 (6.6)

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3718.d\N-8260.rslt\spectra.d
Injection Date: 08-Dec-2023 09:36:30
Spectrum: Tune Spec :Average 435-441(4.53-4.56) Bgrd 428(4.49)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	936	65.00	110	94.00	6947	155.00	70
37.00	5970	67.00	168	95.00	56208	159.00	177
38.00	4097	68.00	5380	96.00	4151	163.00	69
39.00	1590	69.00	6283	103.00	60	169.00	85
41.00	61	70.00	478	104.00	112	170.00	70
45.00	1314	72.00	274	106.00	202	171.00	87
46.00	71	73.00	3254	115.00	71	173.00	186
47.00	2227	74.00	10172	116.00	211	173.00	508
48.00	817	75.00	29712	117.00	622	174.00	42440
49.00	4720	76.00	1887	118.00	68	175.00	2897
50.00	21536	77.00	133	119.00	368	176.00	42184
51.00	6462	78.00	476	120.00	69	177.00	2797
52.00	187	79.00	1868	127.00	57	178.00	84
55.00	194	80.00	214	128.00	73	193.00	78
56.00	1498	81.00	1645	129.00	73	210.00	82
57.00	2183	82.00	334	130.00	71	213.00	57
59.00	63	83.00	69	135.00	78	226.00	67
60.00	915	87.00	1387	141.00	700	230.00	57
61.00	3742	88.00	2653	142.00	63	241.00	70
62.00	3417	91.00	60	143.00	618	257.00	78
63.00	2830	92.00	2061	146.00	57	279.00	68
64.00	185	93.00	2891	148.00	92		

Manual Integration/User Assign Peak Report

Eurofins Buffalo

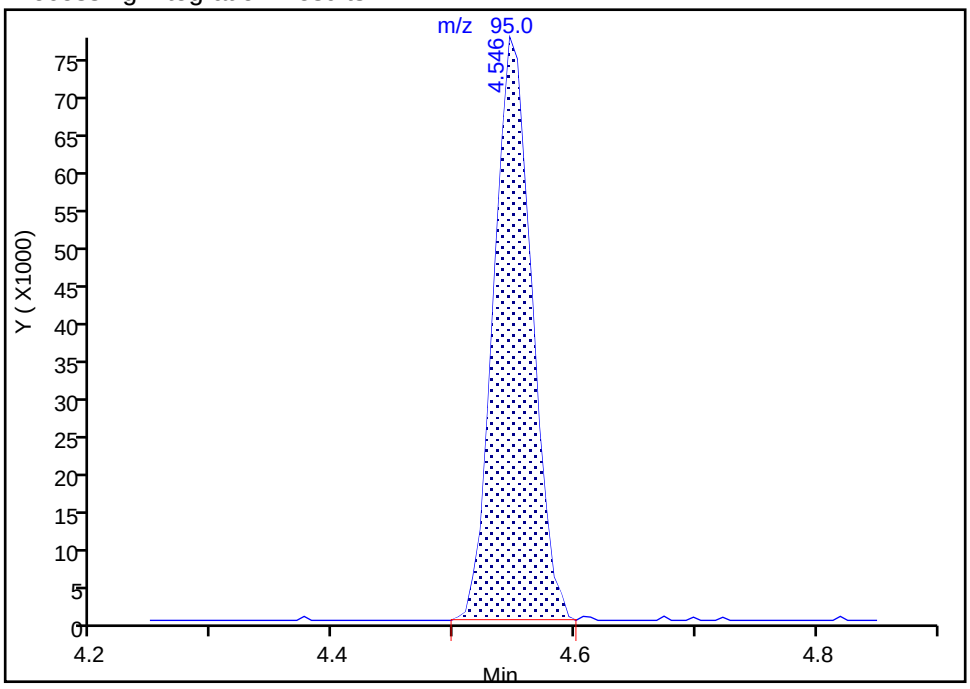
Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3718.d
Injection Date: 08-Dec-2023 09:36:30 Instrument ID: HP5973N
Lims ID: BFB
Client ID:
Operator ID: CR ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: N-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

$ 4 BFB, CAS: 460-00-4

Signal: 1

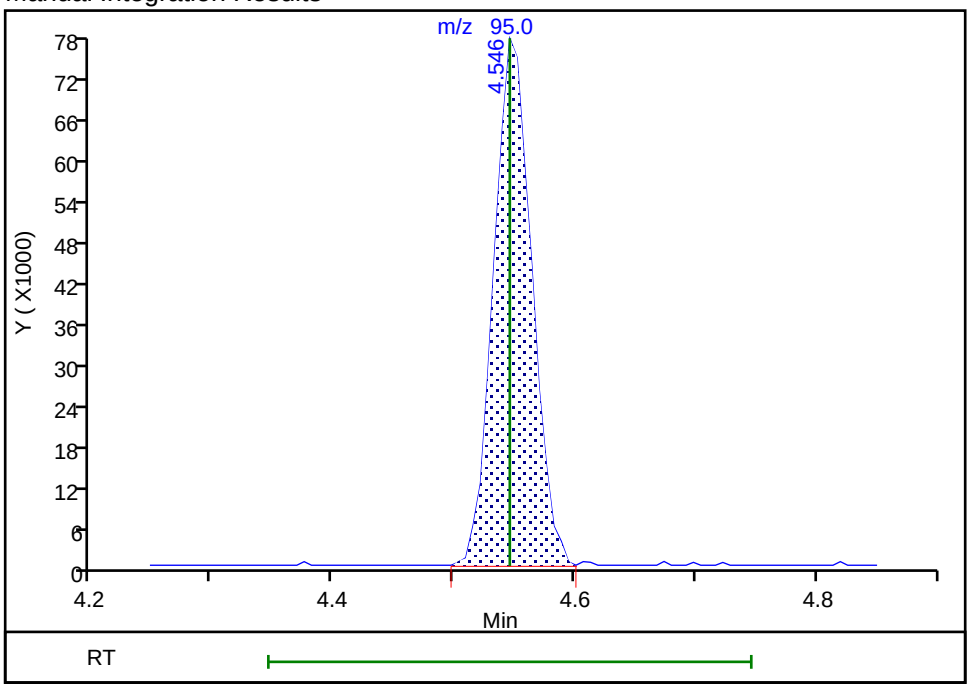
Processing Integration Results

RT: 4.55
Area: 168984
Amount: 0
Amount Units: ug/L



Manual Integration Results

RT: 4.55
Area: 168984
Amount: 0
Amount Units: ug/L



Reviewer: F2FA, 08-Dec-2023 09:46:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

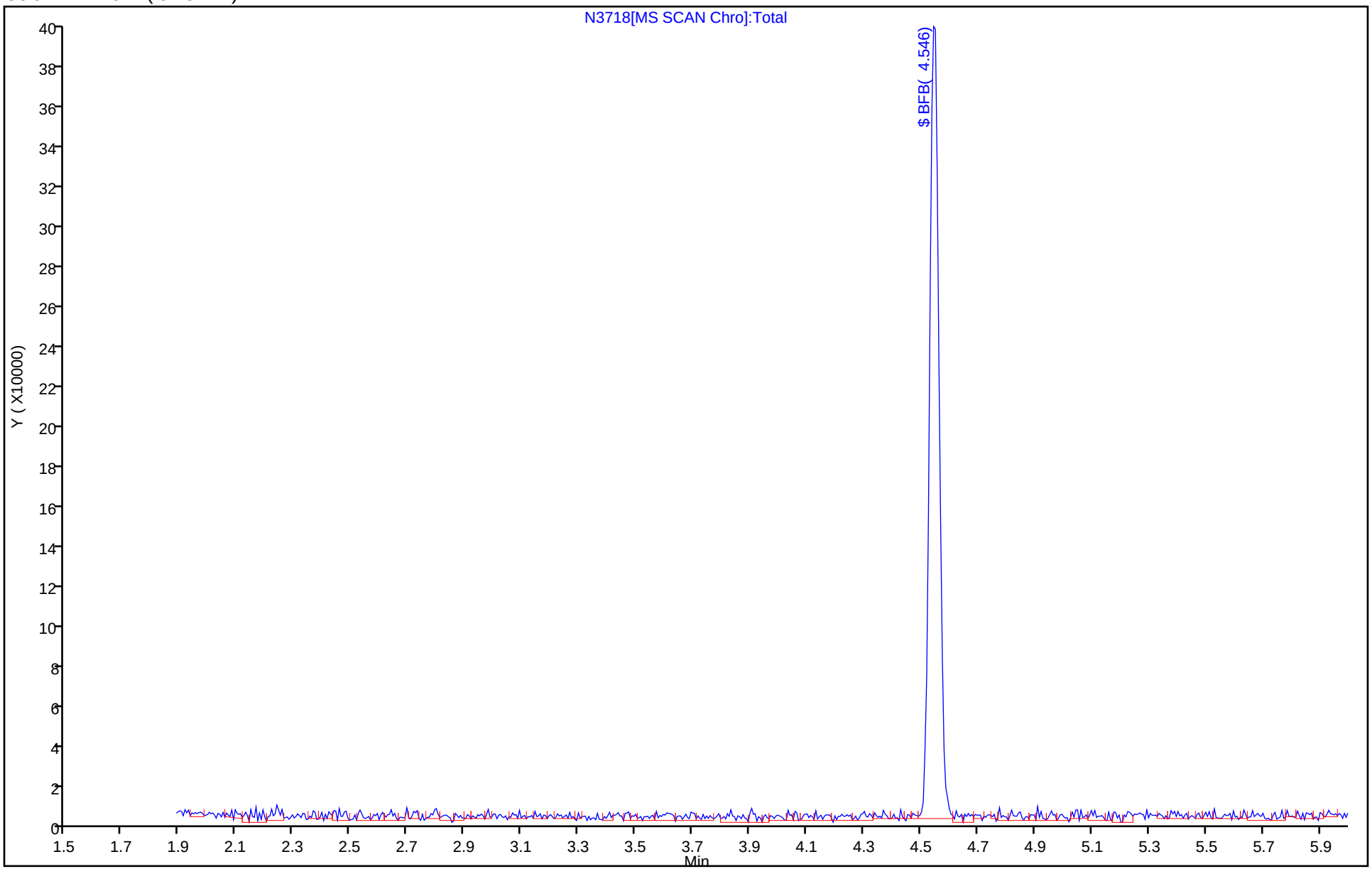
Report Date: 08-Dec-2023 09:46:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3718.d

Injection Date:	08-Dec-2023 09:36:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	BFB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-694533/8

Matrix: Water | Lab File ID: N3663.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 11:37

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.: 694533 | 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)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3663.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Dec-2023 11:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0115411-008
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 11:56:11 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 11:56:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.053	5.046	0.007	97	221133	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	93	720300	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	382068	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.480	0.007	92	268885	25.0	23.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	95	369557	25.0	24.3	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	97	820655	25.0	25.4	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.269	0.001	85	277758	25.0	25.2	
11 Dichlorodifluoromethane	85		1.141					ND	
12 Chlorodifluoromethane	51		1.159					ND	
13 Chloromethane	50		1.293					ND	
14 Vinyl chloride	62		1.378					ND	
144 Butadiene	54		1.378					ND	
15 Bromomethane	94		1.640					ND	
16 Chloroethane	64		1.701					ND	
17 Dichlorofluoromethane	67		1.901					ND	
18 Trichlorofluoromethane	101		1.920					ND	
141 Ethanol	45		2.157					ND	
19 Ethyl ether	59		2.157					ND	
81 Propene oxide	58		2.236					ND	
20 Acrolein	56		2.321					ND	
22 1,1-Dichloroethene	96		2.358					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.364					ND	
23 Acetone	43		2.473					ND	
24 Iodomethane	142		2.510					ND	
25 Carbon disulfide	76		2.540					ND	
26 Isopropyl alcohol	45		2.649					ND	
27 3-Chloro-1-propene	41		2.710					ND	7
29 Acetonitrile	40		2.759					ND	
28 Methyl acetate	43		2.759					ND	
30 Methylene Chloride	84	2.850	2.850	0.000	80	3659		0.001514	
31 2-Methyl-2-propanol	59		3.021					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		3.057					ND	
33 trans-1,2-Dichloroethene	96		3.069					ND	
34 Acrylonitrile	53		3.124					ND	
35 Hexane	57		3.258					ND	
36 1,1-Dichloroethane	63		3.471					ND	
37 Isopropyl ether	45		3.489					ND	
38 2-Chloro-1,3-butadiene	53		3.531					ND	
39 Vinyl acetate	43		3.532					ND	
40 1,1-Dimethoxyethane	75		3.562					ND	
41 Tert-butyl ethyl ether	59		3.823					ND	
42 2,2-Dichloropropane	77		3.976					ND	
43 cis-1,2-Dichloroethene	96		4.012					ND	
44 2-Butanone (MEK)	43		4.049					ND	
45 Ethyl acetate	43		4.085					ND	7
46 Propionitrile	54		4.152					ND	
47 Chlorobromomethane	128		4.244					ND	
48 Methacrylonitrile	67		4.255					ND	
49 Tetrahydrofuran	42		4.262					ND	
50 Chloroform	83		4.323					ND	
51 1,1,1-Trichloroethane	97		4.432					ND	
52 Cyclohexane	56		4.432					ND	
53 Carbon tetrachloride	117		4.560					ND	
54 1,1-Dichloropropene	75		4.578					ND	
146 Isooctane	57		4.779					ND	
55 Benzene	78		4.779					ND	
56 Isobutyl alcohol	43		4.821					ND	
57 1,2-Dichloroethane	62		4.846					ND	
58 Tert-amyl methyl ether	73		4.864					ND	
140 t-Amyl alcohol	59		4.870					ND	
59 n-Heptane	43		4.967					ND	
1 1,4-Difluorobenzene	114		5.162					ND	
60 Trichloroethene	95		5.387					ND	
61 n-Butanol	56		5.436					ND	
62 Methylcyclohexane	83		5.497					ND	
145 Ethyl acrylate	55		5.521					ND	
63 1,2-Dichloropropane	63		5.618					ND	
65 Methyl methacrylate	41		5.728					ND	
64 Dibromomethane	93		5.752					ND	
66 1,4-Dioxane	88		5.764					ND	
67 Dichlorobromomethane	83		5.910					ND	
68 2-Nitropropane	43		6.160					ND	
69 2-Chloroethyl vinyl ether	63		6.196					ND	
70 Epichlorohydrin	57		6.281					ND	
71 cis-1,3-Dichloropropene	75		6.324					ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.476					ND	U
73 Toluene	92		6.610					ND	
74 2-Methylthiophene	97		6.744					ND	
75 trans-1,3-Dichloropropene	75		6.896					ND	
76 3-Methylthiophene	97		6.908					ND	
77 Ethyl methacrylate	69		6.951					ND	
78 1,1,2-Trichloroethane	83		7.078					ND	
79 Tetrachloroethene	166		7.133					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.237					ND	
82 2-Hexanone	43		7.310					ND	
149 n-Butyl acetate	43		7.431					ND	
83 Chlorodibromomethane	129		7.468					ND	
84 Ethylene Dibromide	107		7.565					ND	
139 1-Chlorohexane	55		8.003					ND	U
86 3-Chlorobenzotrifluoride	180		8.027					ND	
85 Chlorobenzene	112		8.040					ND	
87 4-Chlorobenzotrifluoride	180		8.088					ND	
88 Ethylbenzene	91		8.137					ND	
89 1,1,1,2-Tetrachloroethane	131		8.143					ND	
90 m-Xylene & p-Xylene	106		8.259					ND	
91 o-Xylene	106		8.685					ND	
92 Styrene	104		8.715					ND	
93 Bromoform	173		8.958					ND	
94 2-Chlorobenzotrifluoride	180		9.001					ND	
95 Isopropylbenzene	105		9.074					ND	
96 Cyclohexanone	55		9.238					ND	U
97 Bromobenzene	156		9.421					ND	
98 1,1,2,2-Tetrachloroethane	83		9.494					ND	
100 N-Propylbenzene	91		9.512					ND	
99 1,2,3-Trichloropropane	110		9.524					ND	
101 trans-1,4-Dichloro-2-butene	53		9.542					ND	
102 2-Chlorotoluene	126		9.615					ND	
103 3-Chlorotoluene	126		9.682					ND	
104 1,3,5-Trimethylbenzene	105		9.700					ND	
105 4-Chlorotoluene	91		9.731					ND	
106 tert-Butylbenzene	134		10.029					ND	
107 Pentachloroethane	167		10.083					ND	
108 1,2,4-Trimethylbenzene	105		10.084					ND	
109 sec-Butylbenzene	105		10.242					ND	
110 1,3-Dichlorobenzene	146		10.376					ND	7
111 4-Isopropyltoluene	119		10.394					ND	
112 Dicyclopentadiene	66		10.436					ND	U
113 1,4-Dichlorobenzene	146		10.467					ND	7
114 1,2,3-Trimethylbenzene	105		10.497					ND	
143 Benzyl chloride	126		10.619					ND	
115 n-Butylbenzene	91		10.783					ND	
116 1,2-Dichlorobenzene	146		10.820					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.568					ND	
118 1,3,5-Trichlorobenzene	180		11.702					ND	
119 1,2,4-Trichlorobenzene	180		12.243					ND	
120 Hexachlorobutadiene	225		12.365					ND	
121 Naphthalene	128		12.456					ND	
122 1,2,3-Trichlorobenzene	180		12.663					ND	
142 2-Methylnaphthalene	142		13.375					ND	U
138 1-Bromopropane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
133 Halothane	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 Total BTEX	1		30.000					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 124 1,2-Dichloroethene, Total	1		30.000					ND	7
S 126 Xylenes, Total	1		30.000					ND	7
S 151 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

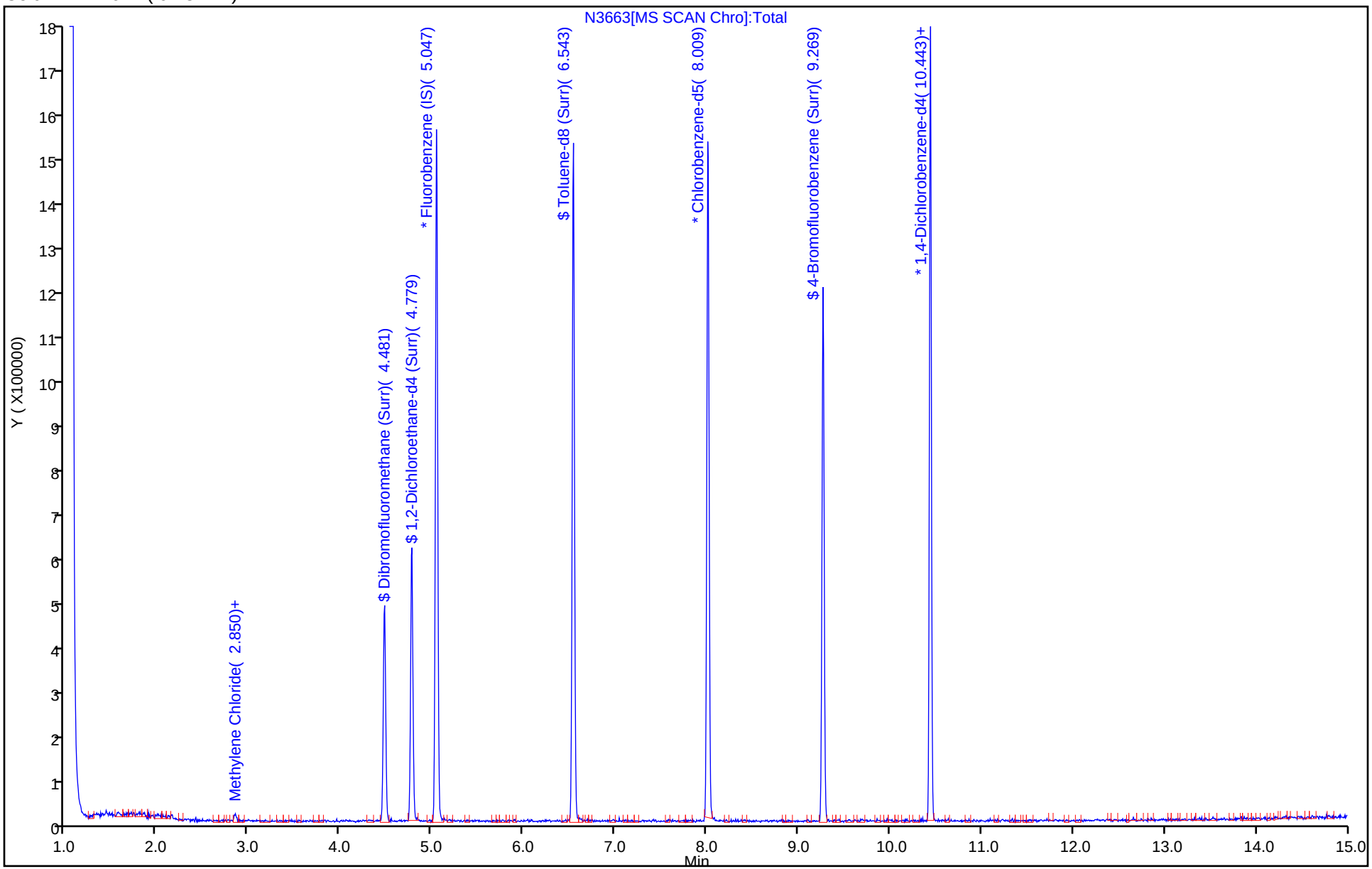
Report Date: 07-Dec-2023 11:56:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3663.d

Injection Date:	07-Dec-2023 11:37:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3663.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Dec-2023 11:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0115411-008
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 11:56:11 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 11:56:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.9	95.40
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.3	97.20
$ 6 Toluene-d8 (Surr)	25.0	25.4	101.43
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.2	100.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-694708/8

Matrix: Water | Lab File ID: N3723.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 11:31

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.: 694708 | 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)	95		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3723.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Dec-2023 11:31:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0115432-008
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 13:26:30 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 13:26:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	96	219726	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	93	708515	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	376349	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.006	91	258110	25.0	23.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	94	359335	25.0	23.8	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	799897	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.275	-0.007	84	264937	25.0	24.4	
11 Dichlorodifluoromethane	85		1.135					ND	
12 Chlorodifluoromethane	51		1.153					ND	
13 Chloromethane	50		1.293					ND	
14 Vinyl chloride	62		1.372					ND	
144 Butadiene	54		1.378					ND	
15 Bromomethane	94		1.640					ND	
16 Chloroethane	64		1.701					ND	
18 Trichlorofluoromethane	101		1.883					ND	
17 Dichlorofluoromethane	67		1.901					ND	
19 Ethyl ether	59		2.157					ND	
141 Ethanol	45		2.157					ND	
81 Propene oxide	58		2.236					ND	
20 Acrolein	56		2.321					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.352					ND	
22 1,1-Dichloroethene	96		2.358					ND	
23 Acetone	43		2.467					ND	
24 Iodomethane	142		2.504					ND	
25 Carbon disulfide	76		2.534					ND	7
26 Isopropyl alcohol	45		2.650					ND	
27 3-Chloro-1-propene	41		2.704					ND	
28 Methyl acetate	43		2.753					ND	
29 Acetonitrile	40		2.759					ND	
30 Methylene Chloride	84		2.844					ND	
31 2-Methyl-2-propanol	59		3.021					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		3.051					ND	
33 trans-1,2-Dichloroethene	96		3.069					ND	
34 Acrylonitrile	53		3.118					ND	
35 Hexane	57		3.258					ND	
36 1,1-Dichloroethane	63		3.471					ND	
37 Isopropyl ether	45		3.489					ND	
39 Vinyl acetate	43		3.526					ND	
38 2-Chloro-1,3-butadiene	53		3.532					ND	
40 1,1-Dimethoxyethane	75		3.562					ND	
41 Tert-butyl ethyl ether	59		3.824					ND	
42 2,2-Dichloropropane	77		3.982					ND	
43 cis-1,2-Dichloroethene	96		4.012					ND	
44 2-Butanone (MEK)	43		4.049					ND	
45 Ethyl acetate	43		4.085					ND	7
46 Propionitrile	54		4.152					ND	
47 Chlorobromomethane	128		4.244					ND	
49 Tetrahydrofuran	42		4.262					ND	
48 Methacrylonitrile	67		4.262					ND	
50 Chloroform	83		4.323					ND	
51 1,1,1-Trichloroethane	97		4.426					ND	
52 Cyclohexane	56		4.432					ND	
53 Carbon tetrachloride	117		4.560					ND	
54 1,1-Dichloropropene	75		4.572					ND	
55 Benzene	78		4.779					ND	
146 Isooctane	57		4.779					ND	
56 Isobutyl alcohol	43		4.821					ND	
57 1,2-Dichloroethane	62		4.846					ND	
58 Tert-amyl methyl ether	73		4.864					ND	
140 t-Amyl alcohol	59		4.870					ND	
59 n-Heptane	43		4.967					ND	
1 1,4-Difluorobenzene	114		5.162					ND	
60 Trichloroethene	95		5.381					ND	
61 n-Butanol	56		5.436					ND	
62 Methylcyclohexane	83		5.497					ND	
145 Ethyl acrylate	55		5.521					ND	
63 1,2-Dichloropropane	63		5.618					ND	
65 Methyl methacrylate	41		5.734					ND	
64 Dibromomethane	93		5.752					ND	
66 1,4-Dioxane	88		5.764					ND	
67 Dichlorobromomethane	83		5.910					ND	
68 2-Nitropropane	43		6.160					ND	
69 2-Chloroethyl vinyl ether	63		6.196					ND	
70 Epichlorohydrin	57		6.282					ND	
71 cis-1,3-Dichloropropene	75		6.324					ND	
72 4-Methyl-2-pentanone (MIBK)	58		6.476					ND	U
73 Toluene	92		6.604					ND	
74 2-Methylthiophene	97		6.744					ND	
75 trans-1,3-Dichloropropene	75		6.896					ND	
76 3-Methylthiophene	97		6.902					ND	
77 Ethyl methacrylate	69		6.951					ND	
78 1,1,2-Trichloroethane	83		7.078					ND	
79 Tetrachloroethene	166		7.133					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
80 1,3-Dichloropropane	76		7.237					ND	
82 2-Hexanone	43		7.316					ND	
149 n-Butyl acetate	43		7.431					ND	
83 Chlorodibromomethane	129		7.468					ND	
84 Ethylene Dibromide	107		7.565					ND	
139 1-Chlorohexane	55		8.009					ND	U
86 3-Chlorobenzotrifluoride	180		8.028					ND	
85 Chlorobenzene	112		8.040					ND	
87 4-Chlorobenzotrifluoride	180		8.088					ND	
88 Ethylbenzene	91		8.137					ND	
89 1,1,1,2-Tetrachloroethane	131		8.143					ND	
90 m-Xylene & p-Xylene	106		8.259					ND	
91 o-Xylene	106		8.685					ND	
92 Styrene	104		8.715					ND	
93 Bromoform	173		8.958					ND	
94 2-Chlorobenzotrifluoride	180		9.001					ND	
95 Isopropylbenzene	105		9.074					ND	
96 Cyclohexanone	55		9.238					ND	U
97 Bromobenzene	156		9.421					ND	
98 1,1,2,2-Tetrachloroethane	83		9.494					ND	
100 N-Propylbenzene	91		9.512					ND	
99 1,2,3-Trichloropropane	110		9.524					ND	
101 trans-1,4-Dichloro-2-butene	53		9.542					ND	
102 2-Chlorotoluene	126		9.615					ND	
103 3-Chlorotoluene	126		9.682					ND	
104 1,3,5-Trimethylbenzene	105		9.700					ND	
105 4-Chlorotoluene	91		9.731					ND	
106 tert-Butylbenzene	134		10.023					ND	
108 1,2,4-Trimethylbenzene	105		10.084					ND	
107 Pentachloroethane	167		10.084					ND	
109 sec-Butylbenzene	105		10.242					ND	
110 1,3-Dichlorobenzene	146		10.376					ND	7
111 4-Isopropyltoluene	119		10.388					ND	
112 Dicyclopentadiene	66		10.437					ND	
113 1,4-Dichlorobenzene	146		10.467					ND	7
114 1,2,3-Trimethylbenzene	105		10.498					ND	
143 Benzyl chloride	126		10.619					ND	
115 n-Butylbenzene	91		10.783					ND	
116 1,2-Dichlorobenzene	146		10.820					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.568					ND	7
118 1,3,5-Trichlorobenzene	180		11.702					ND	
119 1,2,4-Trichlorobenzene	180		12.243					ND	
120 Hexachlorobutadiene	225		12.359					ND	
121 Naphthalene	128		12.456					ND	
122 1,2,3-Trichlorobenzene	180		12.663					ND	
142 2-Methylnaphthalene	142		13.375					ND	U
138 1-Bromopropane	1		0.000					ND	
131 Aziridine TIC	1		0.000					ND	
133 Halothane	1		0.000					ND	
136 Ethylene oxide TIC	1		0.000					ND	
S 123 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 Total BTEX	1		30.000					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 124 1,2-Dichloroethene, Total	1		30.000					ND	7
S 126 Xylenes, Total	1		30.000					ND	7
S 151 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

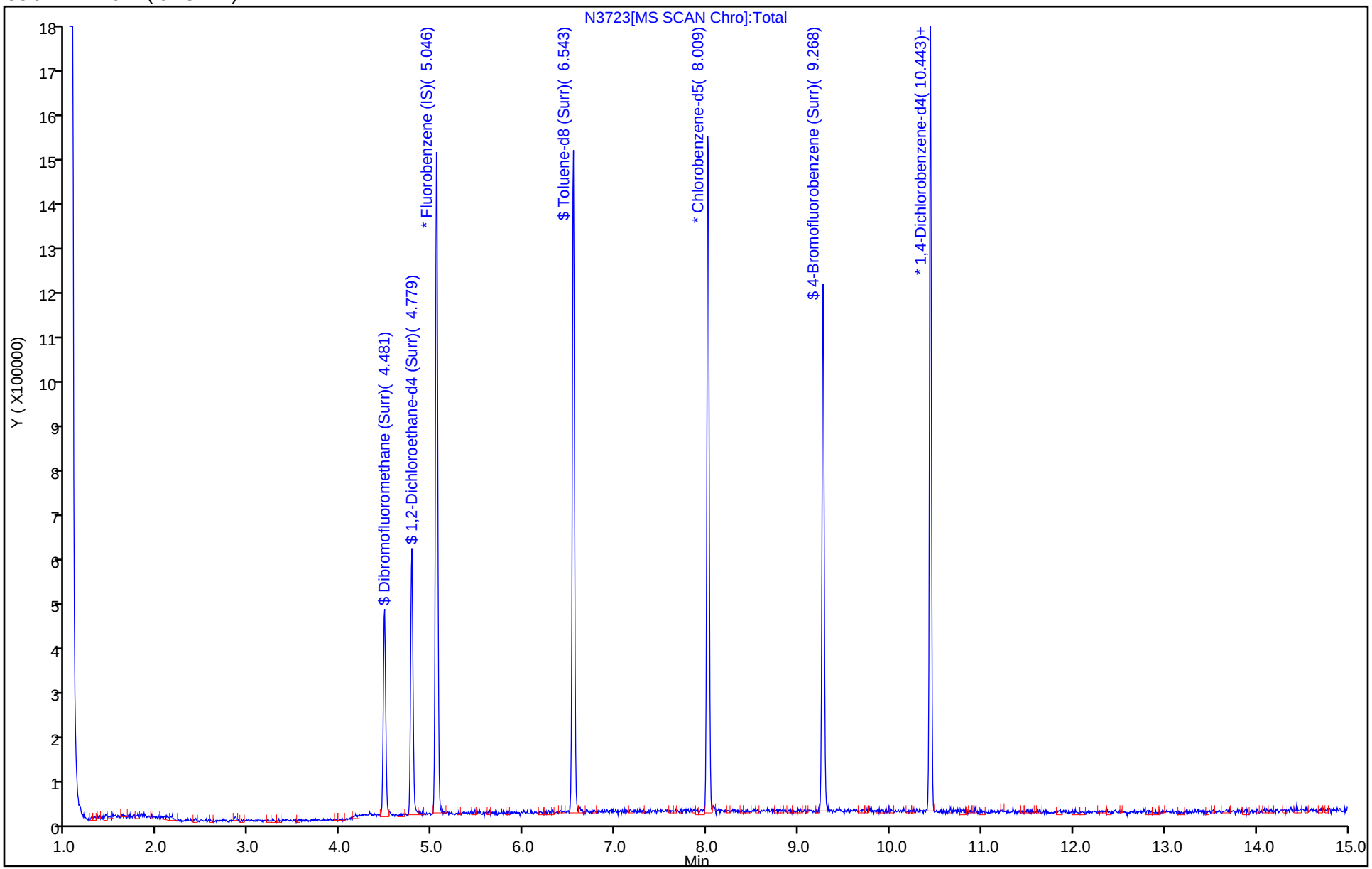
Report Date: 08-Dec-2023 13:26:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3723.d

Injection Date:	08-Dec-2023 11:31:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3723.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Dec-2023 11:31:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0115432-008
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 13:26:30 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 13:26:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.0	92.16
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.8	95.11
$ 6 Toluene-d8 (Surr)	25.0	25.1	100.50
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.4	97.57

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-694533/6

Matrix: Water | Lab File ID: N3661.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 10:52

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.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	23.8		1.0	0.41
108-88-3	Toluene	24.0		1.0	0.51
100-41-4	Ethylbenzene	24.3		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	25.3		2.0	0.66
95-47-6	o-Xylene	25.3		1.0	0.76
1330-20-7	Xylenes, Total	50.6		2.0	0.66
STL00431	Total BTEX	123		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)	95		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3661.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Dec-2023 10:52:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0115411-006
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 09:31:32 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 11:45:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	97	226189	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	91	766254	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.000	94	407307	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	91	274195	25.0	23.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	64	368897	25.0	23.7	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	829077	25.0	24.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	85	290107	25.0	24.7	
11 Dichlorodifluoromethane	85	1.135	1.141	-0.006	97	310614	25.0	23.8	
13 Chloromethane	50	1.299	1.293	0.006	99	688000	25.0	23.7	
14 Vinyl chloride	62	1.378	1.378	0.000	55	383066	25.0	25.0	
144 Butadiene	54	1.378	1.378	0.000	96	639203	25.0	24.9	
15 Bromomethane	94	1.640	1.640	0.000	91	180814	25.0	24.2	
16 Chloroethane	64	1.700	1.701	-0.001	92	220122	25.0	23.7	
17 Dichlorofluoromethane	67	1.901	1.901	0.000	96	535089	25.0	24.6	
18 Trichlorofluoromethane	101	1.877	1.920	-0.043	95	399404	25.0	25.6	
19 Ethyl ether	59	2.157	2.157	0.000	88	363341	25.0	21.8	
20 Acrolein	56	2.321	2.321	0.000	98	125137	125.0	113.4	
22 1,1-Dichloroethene	96	2.357	2.358	-0.001	90	222663	25.0	23.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.364	2.364	0.000	59	216716	25.0	24.2	
23 Acetone	43	2.479	2.473	0.006	97	1363219	125.0	118.9	
24 Iodomethane	142	2.503	2.510	-0.007	99	392798	25.0	22.2	
25 Carbon disulfide	76	2.540	2.540	0.000	97	723168	25.0	22.1	
27 3-Chloro-1-propene	41	2.710	2.710	0.000	86	936805	25.0	23.8	
28 Methyl acetate	43	2.759	2.759	0.000	99	1329419	50.0	50.7	
30 Methylene Chloride	84	2.844	2.850	-0.006	86	275678	25.0	25.5	
31 2-Methyl-2-propanol	59	3.027	3.021	0.006	96	1036949	250.0	279.6	
32 Methyl tert-butyl ether	73	3.057	3.057	0.000	92	942433	25.0	24.7	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	90	275822	25.0	23.7	
34 Acrylonitrile	53	3.124	3.124	0.000	97	3223061	250.0	239.7	
35 Hexane	57	3.258	3.258	0.000	93	550352	25.0	22.4	
36 1,1-Dichloroethane	63	3.471	3.471	0.000	96	642522	25.0	24.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.532	3.532	0.000	96	2455715	50.0	51.2	
42 2,2-Dichloropropane	77	3.982	3.976	0.006	79	298753	25.0	27.1	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	87	289378	25.0	24.1	
44 2-Butanone (MEK)	43	4.055	4.049	0.006	96	2161029	125.0	117.5	
47 Chlorobromomethane	128	4.243	4.244	-0.001	81	140583	25.0	23.3	
49 Tetrahydrofuran	42	4.262	4.262	0.000	91	601966	50.0	47.1	
50 Chloroform	83	4.322	4.323	-0.001	93	477707	25.0	24.7	
51 1,1,1-Trichloroethane	97	4.426	4.432	-0.006	95	394345	25.0	25.6	
52 Cyclohexane	56	4.438	4.432	0.006	94	756859	25.0	24.0	
53 Carbon tetrachloride	117	4.566	4.560	0.006	93	342265	25.0	28.5	
54 1,1-Dichloropropene	75	4.578	4.578	0.000	79	346786	25.0	24.4	
55 Benzene	78	4.779	4.779	0.000	86	968150	25.0	23.8	
56 Isobutyl alcohol	43	4.821	4.821	0.000	95	1343471	625.0	802.0	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	487251	25.0	22.7	
59 n-Heptane	43	4.967	4.967	0.000	94	784097	25.0	22.6	
60 Trichloroethene	95	5.387	5.388	0.000	92	248056	25.0	24.4	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	440154	25.0	25.5	
63 1,2-Dichloropropane	63	5.618	5.619	0.000	85	309821	25.0	25.4	
64 Dibromomethane	93	5.752	5.753	0.000	92	165704	25.0	24.6	
66 1,4-Dioxane	88	5.764	5.765	0.000	87	65117	500.0	357.4	
67 Dichlorobromomethane	83	5.910	5.911	0.000	93	322072	25.0	25.7	
69 2-Chloroethyl vinyl ether	63	6.196	6.197	0.000	81	210823	25.0	24.8	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	81	362712	25.0	26.8	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	1265210	125.0	117.2	
73 Toluene	92	6.604	6.610	-0.006	96	577465	25.0	24.0	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	86	312326	25.0	27.1	
77 Ethyl methacrylate	69	6.951	6.951	0.000	84	323299	25.0	23.7	
78 1,1,2-Trichloroethane	83	7.078	7.079	0.000	92	177179	25.0	24.7	
79 Tetrachloroethene	166	7.133	7.133	0.000	91	228387	25.0	25.7	
80 1,3-Dichloropropane	76	7.236	7.237	-0.001	86	349517	25.0	23.9	
82 2-Hexanone	43	7.316	7.310	0.006	96	2827106	125.0	117.0	
83 Chlorodibromomethane	129	7.468	7.468	0.000	87	232937	25.0	25.9	
84 Ethylene Dibromide	107	7.565	7.565	0.000	99	216637	25.0	25.2	
85 Chlorobenzene	112	8.039	8.040	-0.001	90	631852	25.0	24.1	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1142107	25.0	24.3	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	93	238095	25.0	25.9	
90 m-Xylene & p-Xylene	106	8.265	8.259	0.006	97	414750	25.0	25.3	
91 o-Xylene	106	8.684	8.685	-0.001	98	430944	25.0	25.3	
92 Styrene	104	8.715	8.715	0.000	91	672768	25.0	24.9	
93 Bromoform	173	8.952	8.959	-0.006	93	154698	25.0	26.3	
95 Isopropylbenzene	105	9.074	9.074	0.000	97	1146978	25.0	26.7	
97 Bromobenzene	156	9.420	9.421	-0.001	92	256764	25.0	22.9	
98 1,1,2,2-Tetrachloroethane	83	9.493	9.494	-0.001	95	340600	25.0	24.4	
100 N-Propylbenzene	91	9.512	9.512	0.000	98	1393837	25.0	25.9	
99 1,2,3-Trichloropropane	110	9.518	9.524	-0.006	86	109732	25.0	24.1	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.543	0.000	79	167282	25.0	21.1	
102 2-Chlorotoluene	126	9.615	9.616	0.000	94	259049	25.0	25.6	
104 1,3,5-Trimethylbenzene	105	9.700	9.701	0.000	95	966975	25.0	26.2	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	915562	25.0	24.3	
106 tert-Butylbenzene	134	10.029	10.029	0.000	96	200917	25.0	24.8	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	978626	25.0	25.4	
109 sec-Butylbenzene	105	10.242	10.242	0.000	96	1211518	25.0	26.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	519640	25.0	24.1	
111 4-Isopropyltoluene	119	10.388	10.394	-0.006	98	1094870	25.0	26.7	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	91	538324	25.0	23.8	
115 n-Butylbenzene	91	10.783	10.784	0.000	98	988131	25.0	25.8	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	96	530977	25.0	24.2	
117 1,2-Dibromo-3-Chloropropane	75	11.568	11.568	0.000	73	83077	25.0	27.0	
119 1,2,4-Trichlorobenzene	180	12.243	12.244	0.000	95	373318	25.0	25.2	
120 Hexachlorobutadiene	225	12.359	12.365	-0.006	96	172757	25.0	28.7	
121 Naphthalene	128	12.456	12.457	0.000	96	1158615	25.0	25.4	
122 1,2,3-Trichlorobenzene	180	12.663	12.664	0.000	94	351657	25.0	25.0	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added: 12.50	Units: uL	
GAS CORP mix_00598	Amount Added: 12.50	Units: uL	
N 8260 IS_00258	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added: 1.00	Units: uL	Run Reagent

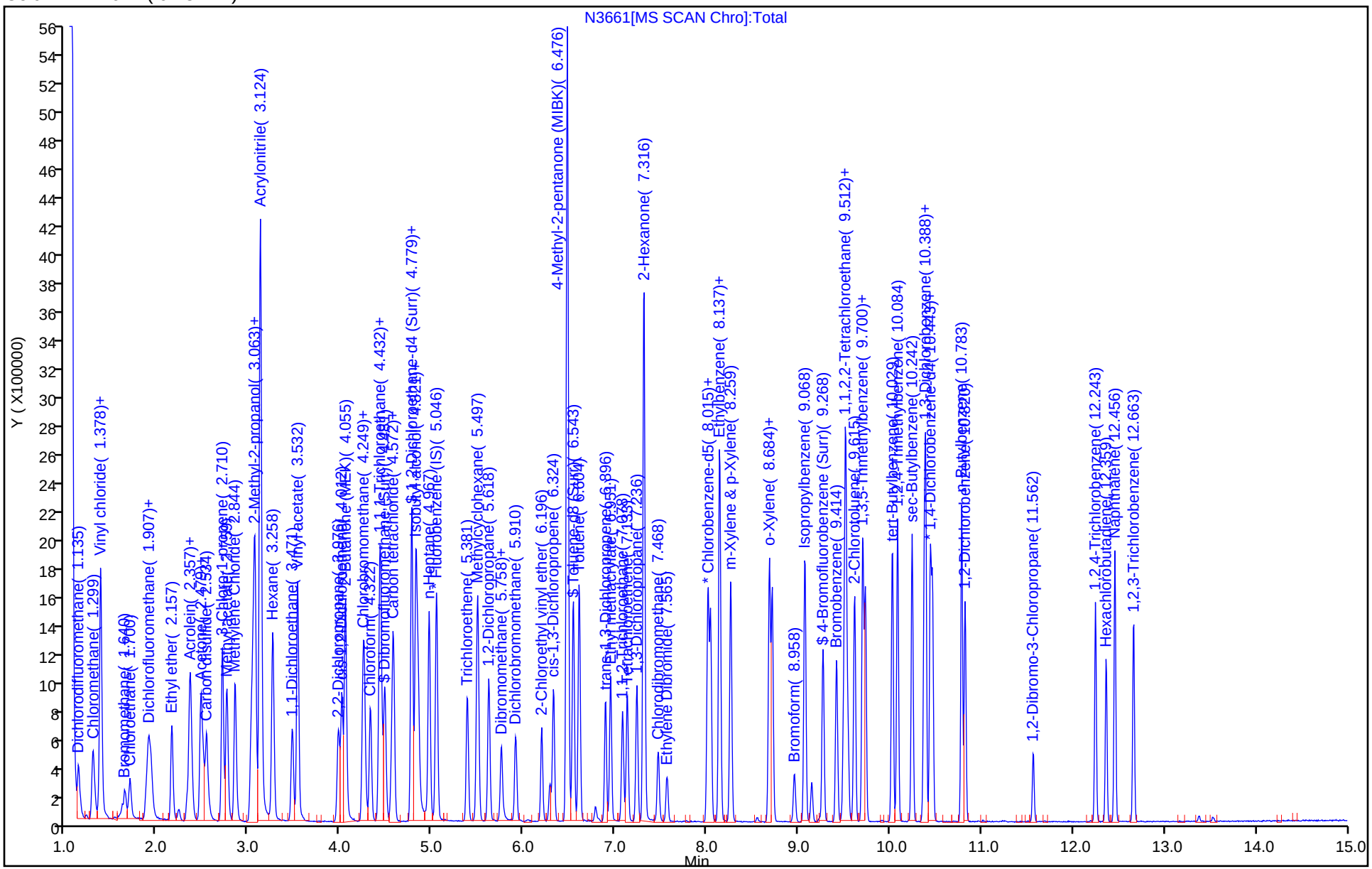
Report Date: 07-Dec-2023 11:45:38 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3661.d

Injection Date:	07-Dec-2023 10:52:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3661.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Dec-2023 10:52:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0115411-006
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 07-Dec-2023 09:31:32 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: F2FA Date: 07-Dec-2023 11:45:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.8	95.11
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.7	94.86
$ 6 Toluene-d8 (Surr)	25.0	24.1	96.32
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.7	98.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-694708/6

Matrix: Water | Lab File ID: N3721.d

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 10:46

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.: 694708 | 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	25.0		1.0	0.51
100-41-4	Ethylbenzene	24.3		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	25.6		2.0	0.66
95-47-6	o-Xylene	25.5		1.0	0.76
1330-20-7	Xylenes, Total	51.1		2.0	0.66
STL00431	Total BTEX	126		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)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3721.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Dec-2023 10:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0115432-006
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 09:02:28 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 11:05:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.047	-0.001	97	217349	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	91	761026	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	95	378317	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.475	4.475	0.000	93	258058	25.0	23.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	64	357340	25.0	23.9	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	825648	25.0	24.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.275	-0.007	83	278097	25.0	23.8	
11 Dichlorodifluoromethane	85	1.135	1.135	0.000	97	311661	25.0	24.9	
13 Chloromethane	50	1.293	1.293	0.000	99	701467	25.0	25.1	
14 Vinyl chloride	62	1.372	1.372	0.000	98	372366	25.0	25.3	
144 Butadiene	54	1.384	1.378	0.006	100	652836	25.0	26.5	
15 Bromomethane	94	1.627	1.640	-0.013	93	151538	25.0	21.1	
16 Chloroethane	64	1.682	1.701	-0.019	93	175597	25.0	19.7	
18 Trichlorofluoromethane	101	1.913	1.883	0.030	96	379010	25.0	25.3	
17 Dichlorofluoromethane	67	1.901	1.901	0.000	97	525221	25.0	25.2	
19 Ethyl ether	59	2.157	2.157	0.000	90	399515	25.0	24.9	
20 Acrolein	56	2.327	2.321	0.006	99	128790	125.0	121.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.351	2.352	-0.001	58	232107	25.0	27.0	
22 1,1-Dichloroethene	96	2.351	2.358	-0.007	89	239421	25.0	25.8	
23 Acetone	43	2.479	2.467	0.012	97	1736851	125.0	157.7	
24 Iodomethane	142	2.504	2.504	0.000	100	429875	25.0	25.2	
25 Carbon disulfide	76	2.534	2.534	0.000	97	822727	25.0	26.2	
27 3-Chloro-1-propene	41	2.704	2.704	0.000	86	961978	25.0	25.5	
28 Methyl acetate	43	2.759	2.753	0.006	99	1397988	50.0	55.5	
30 Methylene Chloride	84	2.850	2.844	0.006	85	274746	25.0	26.4	
31 2-Methyl-2-propanol	59	3.033	3.021	0.012	98	1139531	250.0	319.8	
32 Methyl tert-butyl ether	73	3.057	3.051	0.006	90	953169	25.0	26.0	
33 trans-1,2-Dichloroethene	96	3.069	3.069	0.000	89	282716	25.0	25.3	
34 Acrylonitrile	53	3.124	3.118	0.006	97	3359501	250.0	260.0	
35 Hexane	57	3.258	3.258	0.000	93	603814	25.0	25.6	
36 1,1-Dichloroethane	63	3.471	3.471	0.000	96	644898	25.0	25.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 Vinyl acetate	43	3.532	3.526	0.006	96	2537384	50.0	55.1	
42 2,2-Dichloropropane	77	3.976	3.982	-0.006	74	296711	25.0	28.0	
43 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	86	306048	25.0	26.5	
44 2-Butanone (MEK)	43	4.055	4.049	0.006	95	2341804	125.0	132.5	
47 Chlorobromomethane	128	4.237	4.244	-0.007	81	144538	25.0	24.9	
49 Tetrahydrofuran	42	4.262	4.262	0.000	92	633402	50.0	51.5	
50 Chloroform	83	4.323	4.323	-0.001	93	472620	25.0	25.4	
51 1,1,1-Trichloroethane	97	4.432	4.426	0.006	94	395551	25.0	26.8	
52 Cyclohexane	56	4.432	4.432	0.000	94	758055	25.0	25.0	
53 Carbon tetrachloride	117	4.560	4.560	0.000	94	334752	25.0	29.0	
54 1,1-Dichloropropene	75	4.578	4.572	0.006	80	351365	25.0	25.7	
55 Benzene	78	4.779	4.779	0.000	87	1003622	25.0	25.6	
56 Isobutyl alcohol	43	4.827	4.821	0.006	93	1492356	625.0	927.1	
57 1,2-Dichloroethane	62	4.846	4.846	0.000	94	487613	25.0	23.6	
59 n-Heptane	43	4.967	4.967	0.000	93	742236	25.0	22.3	
60 Trichloroethene	95	5.381	5.381	0.000	94	259851	25.0	26.6	
62 Methylcyclohexane	83	5.497	5.497	0.000	90	436915	25.0	26.3	
63 1,2-Dichloropropane	63	5.618	5.618	0.000	85	313052	25.0	26.7	
64 Dibromomethane	93	5.752	5.752	0.000	95	170693	25.0	26.4	
66 1,4-Dioxane	88	5.783	5.764	0.019	85	125269	500.0	692.2	
67 Dichlorobromomethane	83	5.910	5.910	0.000	94	318191	25.0	26.4	
69 2-Chloroethyl vinyl ether	63	6.196	6.196	0.000	81	217768	25.0	26.7	
71 cis-1,3-Dichloropropene	75	6.324	6.324	0.000	79	362795	25.0	27.9	
72 4-Methyl-2-pentanone (MIBK)	58	6.476	6.476	0.000	96	1264525	125.0	117.9	
73 Toluene	92	6.604	6.604	0.000	96	595984	25.0	25.0	
75 trans-1,3-Dichloropropene	75	6.896	6.896	0.000	86	317353	25.0	27.7	
77 Ethyl methacrylate	69	6.951	6.951	0.000	83	335388	25.0	24.8	
78 1,1,2-Trichloroethane	83	7.078	7.078	0.000	93	170722	25.0	24.0	
79 Tetrachloroethene	166	7.133	7.133	0.000	91	227767	25.0	25.8	
80 1,3-Dichloropropane	76	7.237	7.236	0.000	86	360854	25.0	24.9	
82 2-Hexanone	43	7.310	7.316	-0.006	96	2877741	125.0	119.9	
83 Chlorodibromomethane	129	7.468	7.468	0.000	88	220334	25.0	24.7	
84 Ethylene Dibromide	107	7.565	7.565	0.000	97	214020	25.0	25.1	
85 Chlorobenzene	112	8.040	8.039	0.000	89	628685	25.0	24.2	
88 Ethylbenzene	91	8.137	8.137	0.000	98	1137166	25.0	24.3	
89 1,1,1,2-Tetrachloroethane	131	8.143	8.143	0.000	90	233708	25.0	25.6	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	417897	25.0	25.6	
91 o-Xylene	106	8.684	8.684	-0.001	98	430936	25.0	25.5	
92 Styrene	104	8.715	8.715	0.000	91	661698	25.0	24.6	
93 Bromoform	173	8.958	8.958	0.000	94	141883	25.0	24.3	
95 Isopropylbenzene	105	9.074	9.074	0.000	96	1100060	25.0	27.6	
97 Bromobenzene	156	9.414	9.420	-0.007	89	262335	25.0	25.1	
98 1,1,2,2-Tetrachloroethane	83	9.494	9.494	0.000	97	323719	25.0	24.9	
100 N-Propylbenzene	91	9.512	9.512	0.000	99	1327413	25.0	26.6	
99 1,2,3-Trichloropropane	110	9.524	9.524	0.000	95	99039	25.0	23.4	
101 trans-1,4-Dichloro-2-butene	53	9.542	9.542	0.000	78	146837	25.0	20.0	
102 2-Chlorotoluene	126	9.615	9.615	0.000	94	252557	25.0	26.9	
104 1,3,5-Trimethylbenzene	105	9.700	9.700	0.000	96	933427	25.0	27.3	
105 4-Chlorotoluene	91	9.731	9.731	0.000	98	911986	25.0	26.0	
106 tert-Butylbenzene	134	10.023	10.023	0.000	96	197491	25.0	26.2	
108 1,2,4-Trimethylbenzene	105	10.084	10.084	0.000	98	961729	25.0	26.9	
109 sec-Butylbenzene	105	10.242	10.242	0.000	96	1186290	25.0	27.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 1,3-Dichlorobenzene	146	10.376	10.376	0.000	96	527498	25.0	26.4	
111 4-Isopropyltoluene	119	10.388	10.388	0.000	97	1065526	25.0	28.0	
113 1,4-Dichlorobenzene	146	10.467	10.467	0.000	92	524936	25.0	25.0	
115 n-Butylbenzene	91	10.783	10.783	0.000	97	988554	25.0	27.8	
116 1,2-Dichlorobenzene	146	10.820	10.820	0.000	95	511820	25.0	25.1	
117 1,2-Dibromo-3-Chloropropane	75	11.562	11.568	-0.006	71	83565	25.0	29.2	
119 1,2,4-Trichlorobenzene	180	12.243	12.243	0.000	94	374252	25.0	27.2	
120 Hexachlorobutadiene	225	12.359	12.359	0.000	96	174138	25.0	31.1	
121 Naphthalene	128	12.456	12.456	0.000	97	1174859	25.0	27.7	
122 1,2,3-Trichlorobenzene	180	12.663	12.663	0.000	94	363960	25.0	27.9	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added:	12.50	Units: uL	
GAS CORP mix_00598	Amount Added:	12.50	Units: uL	
N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

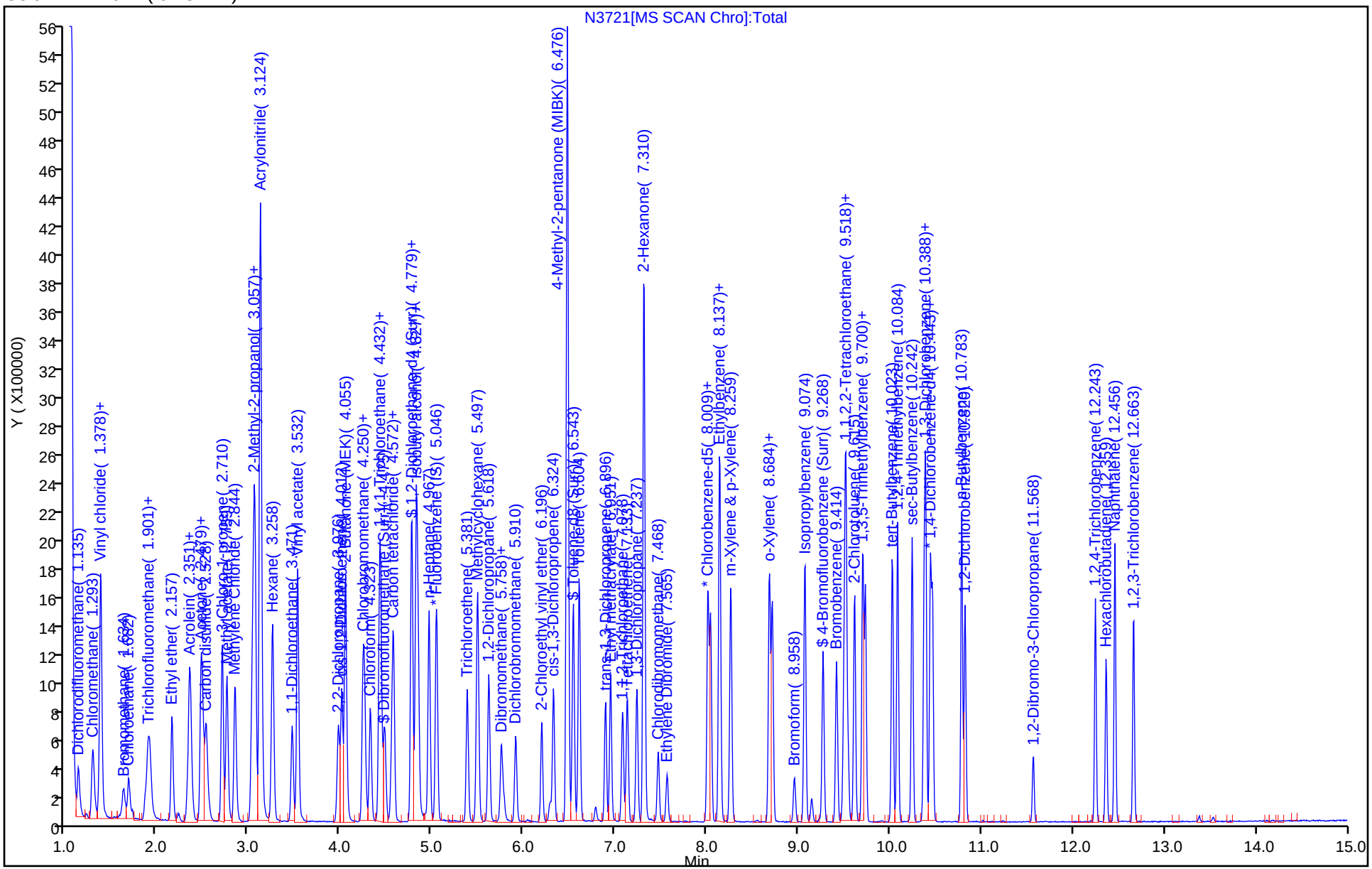
Report Date: 08-Dec-2023 11:05:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3721.d

Injection Date:	08-Dec-2023 10:46:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3721.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Dec-2023 10:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0115432-006
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 09:02:28 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 11:05:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.3	93.15
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.9	95.62
$ 6 Toluene-d8 (Surr)	25.0	24.1	96.58
$ 7 4-Bromofluorobenzene (Surr)	25.0	23.8	95.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 MS | Lab Sample ID: 480-215449-7 MS

Matrix: Water | Lab File ID: N3746.d

Analysis Method: 8260C | Date Collected: 12/05/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 20:20

Soil Aliquot Vol: | Dilution Factor: 10

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.: 694708 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	768		10	4.1
108-88-3	Toluene	268		10	5.1
100-41-4	Ethylbenzene	646		10	7.4
179601-23-1	m-Xylene & p-Xylene	303		20	6.6
95-47-6	o-Xylene	366		10	7.6
1330-20-7	Xylenes, Total	669		20	6.6
STL00431	Total BTEX	2350		20	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3746.d
Lims ID: 480-215449-E-7 MS
Client ID:
Sample Type: MS
Inject. Date: 08-Dec-2023 20:20:30 ALS Bottle#: 31 Worklist Smp#: 53
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7 MS
Misc. Info.: 480-0115432-053
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 08:12:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 08:12:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	97	203437	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	92	716300	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	94	359503	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.475	4.475	0.000	92	249328	25.0	24.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	49	339641	25.0	24.3	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	96	789740	25.0	24.5	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.275	-0.006	91	270716	25.0	24.7	
55 Benzene	78	4.779	4.779	0.000	90	2813788	25.0	76.8	
73 Toluene	92	6.610	6.604	0.006	96	602410	25.0	26.8	
88 Ethylbenzene	91	8.137	8.137	0.000	98	2842672	25.0	64.6	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	465511	25.0	30.3	
91 o-Xylene	106	8.685	8.684	0.000	97	581906	25.0	36.6	
S 125 Total BTEX	1				0			235.1	
S 126 Xylenes, Total	1				0			66.9	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added: 12.50	Units: uL	
GAS CORP mix_00598	Amount Added: 12.50	Units: uL	
N 8260 IS_00258	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added: 1.00	Units: uL	Run Reagent

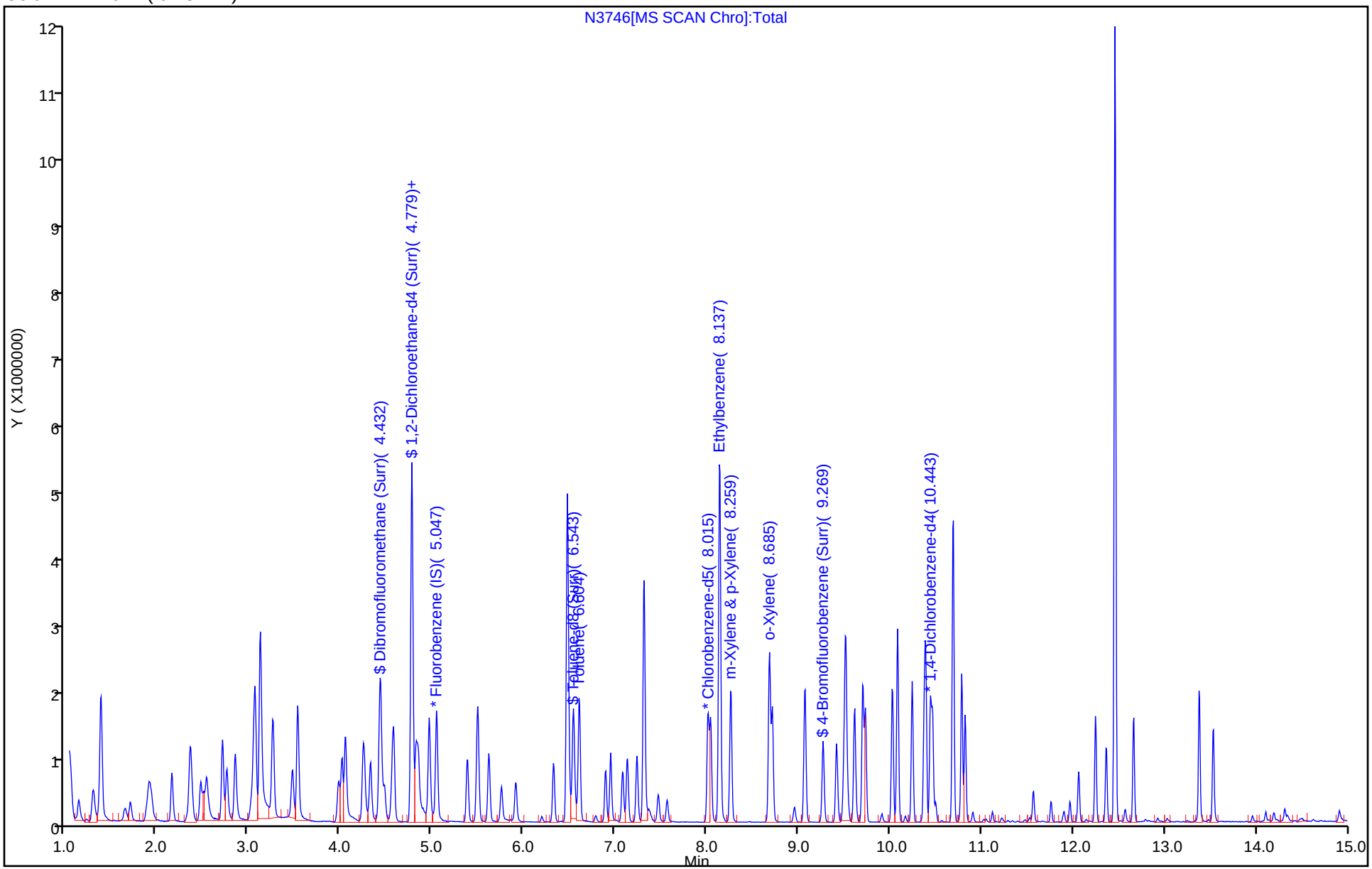
Report Date: 11-Dec-2023 08:12:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3746.d

Injection Date:	08-Dec-2023 20:20:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-E-7 MS			Worklist Smp#:	53
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	31
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3746.d
Lims ID: 480-215449-E-7 MS
Client ID:
Sample Type: MS
Inject. Date: 08-Dec-2023 20:20:30 ALS Bottle#: 31 Worklist Smp#: 53
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7 MS
Misc. Info.: 480-0115432-053
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 08:12:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 08:12:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	24.0	96.16
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	24.3	97.10
$ 6 Toluene-d8 (Surr)	25.0	24.5	98.15
$ 7 4-Bromofluorobenzene (Surr)	25.0	24.7	98.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 MS MS | Lab Sample ID: 480-215449-8 MS

Matrix: Water | Lab File ID: N3684.d

Analysis Method: 8260C | Date Collected: 12/05/2023 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 19:38

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.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	52.9		1.0	0.41
108-88-3	Toluene	28.7		1.0	0.51
100-41-4	Ethylbenzene	38.3		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	33.7		2.0	0.66
95-47-6	o-Xylene	42.6		1.0	0.76
1330-20-7	Xylenes, Total	76.3		2.0	0.66
STL00431	Total BTEX	196		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)	92		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	95		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3684.d
Lims ID: 480-215449-D-8 MS
Client ID: MW-48S_20231205 MS
Sample Type: MS
Inject. Date: 07-Dec-2023 19:38:30 ALS Bottle#: 29 Worklist Smp#: 50
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8 MS
Misc. Info.: 480-0115411-050
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 08:41:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.046	5.046	0.000	97	221537	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.015	8.009	0.006	92	745477	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	94	394223	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.475	4.475	0.001	92	267218	25.0	23.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	52	352137	25.0	23.1	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	96	840590	25.0	25.1	
$ 7 4-Bromofluorobenzene (Surr)	174	9.268	9.269	0.000	85	290926	25.0	25.5	
55 Benzene	78	4.779	4.779	0.000	90	2109778	25.0	52.9	
73 Toluene	92	6.604	6.610	-0.006	97	671637	25.0	28.7	
88 Ethylbenzene	91	8.137	8.143	0.000	98	1751772	25.0	38.3	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	96	538067	25.0	33.7	
91 o-Xylene	106	8.684	8.685	-0.001	98	704981	25.0	42.6	
S 125 Total BTEX	1				0			196.2	
S 126 Xylenes, Total	1				0			76.3	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added:	12.50	Units: uL	
GAS CORP mix_00598	Amount Added:	12.50	Units: uL	
N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

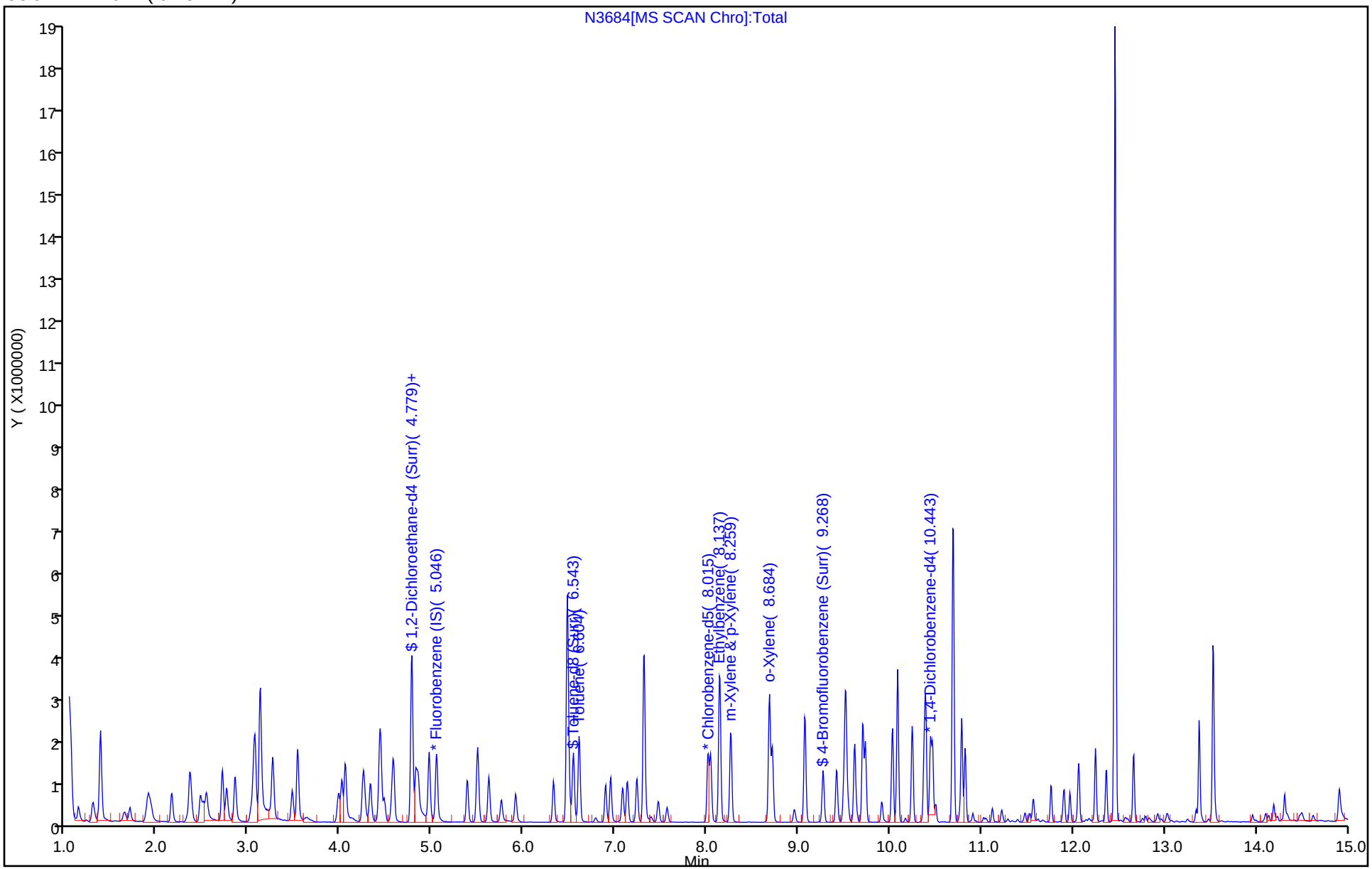
Report Date: 08-Dec-2023 08:41:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3684.d

Injection Date:	07-Dec-2023 19:38:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-8 MS			Worklist Smp#:	50
Client ID:	MW-48S_20231205 MS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3684.d
Lims ID: 480-215449-D-8 MS
Client ID: MW-48S_20231205 MS
Sample Type: MS
Inject. Date: 07-Dec-2023 19:38:30 ALS Bottle#: 29 Worklist Smp#: 50
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8 MS
Misc. Info.: 480-0115411-050
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 08:41:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.7	94.64
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.1	92.45
$ 6 Toluene-d8 (Surr)	25.0	25.1	100.38
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.5	101.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 MSD | Lab Sample ID: 480-215449-7 MSD

Matrix: Water | Lab File ID: N3747.d

Analysis Method: 8260C | Date Collected: 12/05/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/08/2023 20:43

Soil Aliquot Vol: | Dilution Factor: 10

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.: 694708 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	721		10	4.1
108-88-3	Toluene	254		10	5.1
100-41-4	Ethylbenzene	608		10	7.4
179601-23-1	m-Xylene & p-Xylene	287		20	6.6
95-47-6	o-Xylene	356		10	7.6
1330-20-7	Xylenes, Total	643		20	6.6
STL00431	Total BTEX	2230		20	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		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\HP5973N\20231208-115432.b\N3747.d
Lims ID: 480-215449-E-7 MSD
Client ID:
Sample Type: MSD
Inject. Date: 08-Dec-2023 20:43:30 ALS Bottle#: 32 Worklist Smp#: 54
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7 MSD
Misc. Info.: 480-0115432-054
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 08:12:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 08:13:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.047	0.000	96	207164	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	91	729205	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	94	370482	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.006	91	252915	25.0	23.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.773	4.773	0.000	50	337479	25.0	23.7	
$ 6 Toluene-d8 (Surr)	98	6.543	6.543	0.000	95	762842	25.0	23.3	
$ 7 4-Bromofluorobenzene (Surr)	174	9.269	9.275	-0.006	84	281133	25.0	25.1	
55 Benzene	78	4.779	4.779	0.000	90	2691214	25.0	72.1	
73 Toluene	92	6.610	6.604	0.006	95	580949	25.0	25.4	
88 Ethylbenzene	91	8.143	8.137	0.006	98	2724435	25.0	60.8	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	448635	25.0	28.7	
91 o-Xylene	106	8.685	8.684	0.000	98	576820	25.0	35.6	
S 125 Total BTEX	1				0			222.7	
S 126 Xylenes, Total	1				0			64.4	

QC Flag Legend
Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added:	12.50	Units: uL	
GAS CORP mix_00598	Amount Added:	12.50	Units: uL	
N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

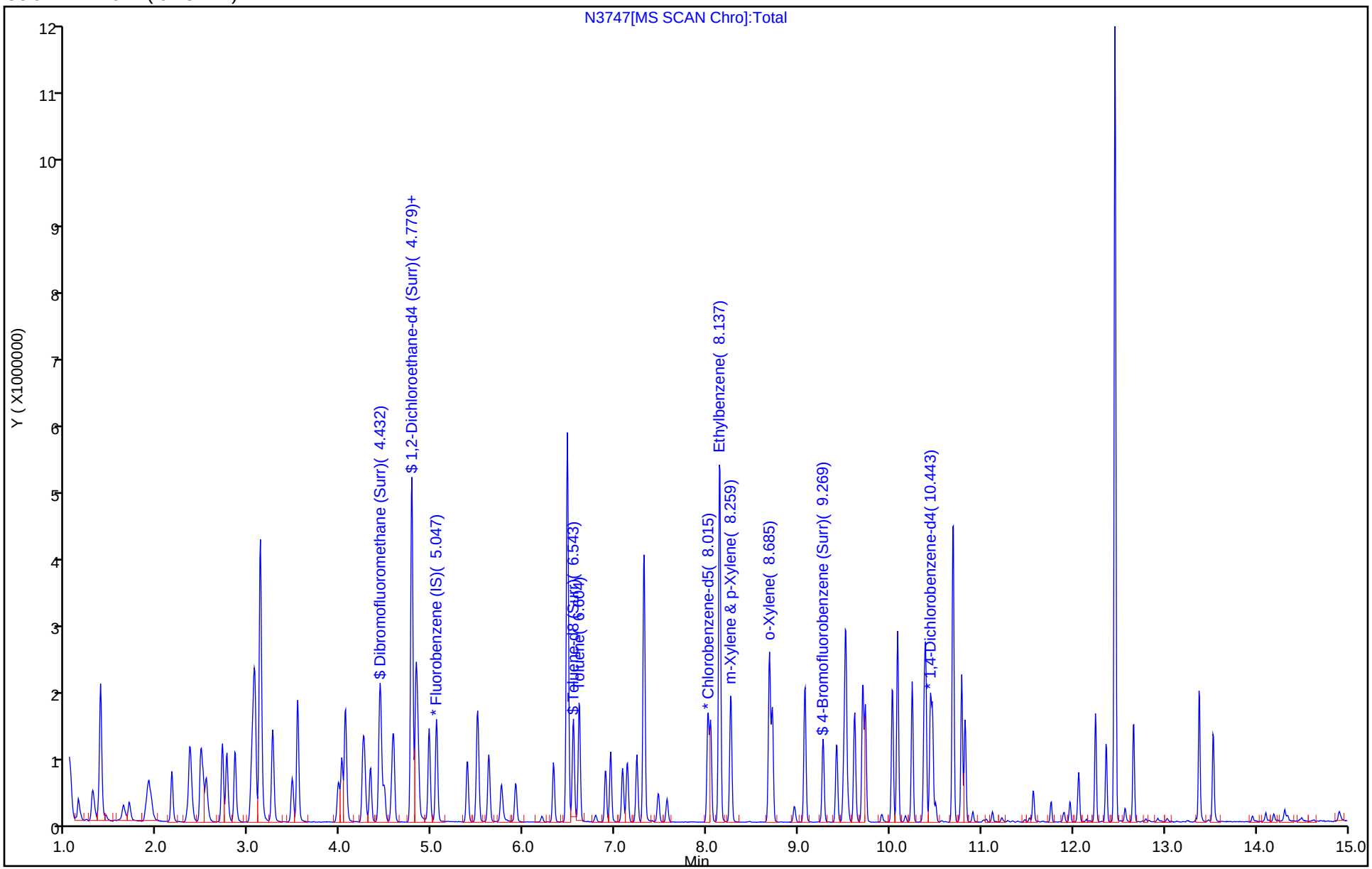
Report Date: 11-Dec-2023 08:13:06 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3747.d

Injection Date:	08-Dec-2023 20:43:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-E-7 MSD			Worklist Smp#:	54
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	32
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N3747.d
Lims ID: 480-215449-E-7 MSD
Client ID:
Sample Type: MSD
Inject. Date: 08-Dec-2023 20:43:30 ALS Bottle#: 32 Worklist Smp#: 54
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 480-215449-E-7 MSD
Misc. Info.: 480-0115432-054
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231208-115432.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 11-Dec-2023 08:12:49 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: F2FA Date: 11-Dec-2023 08:13:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.9	95.78
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.7	94.75
$ 6 Toluene-d8 (Surr)	25.0	23.3	93.13
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.1	100.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 MSD MSD | Lab Sample ID: 480-215449-8 MSD

Matrix: Water | Lab File ID: N3685.d

Analysis Method: 8260C | Date Collected: 12/05/2023 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/07/2023 20:00

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.: 694533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	51.1		1.0	0.41
108-88-3	Toluene	27.0		1.0	0.51
100-41-4	Ethylbenzene	37.5		1.0	0.74
179601-23-1	m-Xylene & p-Xylene	32.2		2.0	0.66
95-47-6	o-Xylene	41.4		1.0	0.76
1330-20-7	Xylenes, Total	73.6		2.0	0.66
STL00431	Total BTEX	189		2.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-123

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3685.d
Lims ID: 480-215449-D-8 MSD
Client ID: MW-48S_20231205 MSD
Sample Type: MSD
Inject. Date: 07-Dec-2023 20:00:30 ALS Bottle#: 30 Worklist Smp#: 51
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8 MSD
Misc. Info.: 480-0115411-051
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 08:42:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.047	5.046	0.000	96	224014	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.009	8.009	0.000	93	747102	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.443	10.442	0.001	95	396036	25.0	25.0	
$ 148 Dibromofluoromethane (Surr)	113	4.481	4.475	0.007	91	264406	25.0	23.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.779	4.773	0.006	54	361328	25.0	23.5	
$ 6 Toluene-d8 (Surr)	98	6.543	6.537	0.006	95	826364	25.0	24.6	
$ 7 4-Bromofluorobenzene (Surr)	174	9.275	9.269	0.007	89	290570	25.0	25.4	
55 Benzene	78	4.779	4.779	0.000	90	2062244	25.0	51.1	
73 Toluene	92	6.610	6.610	0.000	96	633115	25.0	27.0	
88 Ethylbenzene	91	8.137	8.143	0.000	98	1721668	25.0	37.5	
90 m-Xylene & p-Xylene	106	8.259	8.259	0.000	97	515674	25.0	32.2	
91 o-Xylene	106	8.684	8.685	-0.001	98	686529	25.0	41.4	
S 125 Total BTEX	1				0			189.3	
S 126 Xylenes, Total	1				0			73.6	

QC Flag Legend
Processing Flags

Reagents:

8260 CORP mix_00246	Amount Added:	12.50	Units: uL	
GAS CORP mix_00598	Amount Added:	12.50	Units: uL	
N 8260 IS_00258	Amount Added:	1.00	Units: uL	Run Reagent
N_8260_Surr_00461	Amount Added:	1.00	Units: uL	Run Reagent

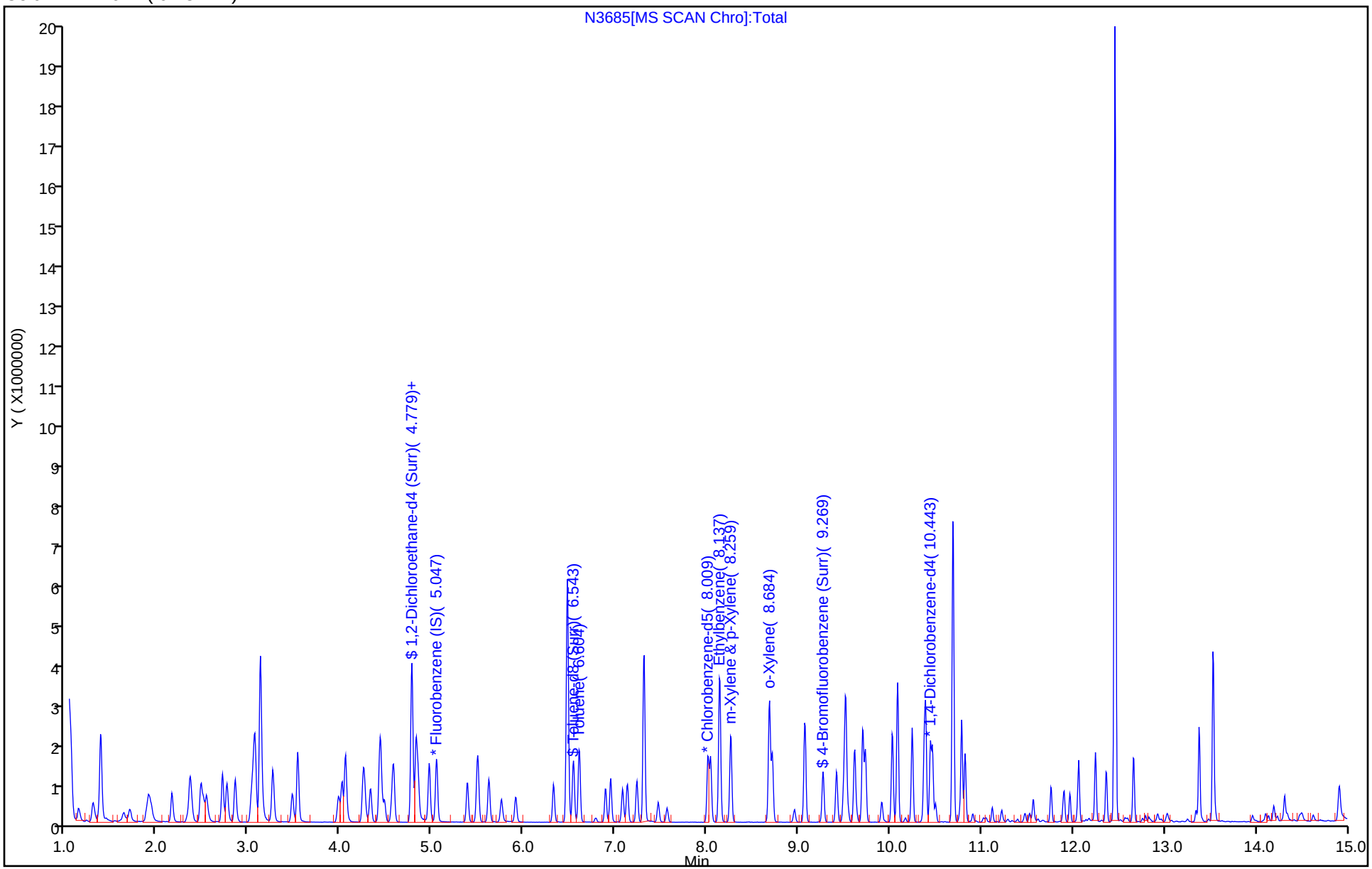
Report Date: 08-Dec-2023 08:42:04 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3685.d

Injection Date:	07-Dec-2023 20:00:30	Instrument ID:	HP5973N	Operator ID:	CR
Lims ID:	480-215449-D-8 MSD			Worklist Smp#:	51
Client ID:	MW-48S_20231205 MSD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	N-8260	Limit Group:	MV - 8260C ICAL		

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N3685.d
Lims ID: 480-215449-D-8 MSD
Client ID: MW-48S_20231205 MSD
Sample Type: MSD
Inject. Date: 07-Dec-2023 20:00:30 ALS Bottle#: 30 Worklist Smp#: 51
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-215449-D-8 MSD
Misc. Info.: 480-0115411-051
Operator ID: CR Instrument ID: HP5973N

Method: \\chromfs\Buffalo\ChromData\HP5973N\20231207-115411.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Dec-2023 07:50:33 Calib Date: 01-Dec-2023 20:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973N\20231201-115340.b\N3589.d

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: F2FA Date: 08-Dec-2023 08:42:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 148 Dibromofluoromethane (Surr)	25.0	23.2	92.60
$ 5 1,2-Dichloroethane-d4 (Surr)	25.0	23.5	93.81
$ 6 Toluene-d8 (Surr)	25.0	24.6	98.47
$ 7 4-Bromofluorobenzene (Surr)	25.0	25.4	101.48

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: HP5973N Start Date: 12/01/2023 12:48

Analysis Batch Number: 693920 End Date: 12/01/2023 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-693920/11		12/01/2023 12:48	1	N3569.d	ZB-624 (20) 0.18(mm)
IC 480-693920/13		12/01/2023 13:37	1	N3571.d	ZB-624 (20) 0.18(mm)
IC 480-693920/14		12/01/2023 13:59	1	N3572.d	ZB-624 (20) 0.18(mm)
IC 480-693920/15		12/01/2023 14:21	1	N3573.d	ZB-624 (20) 0.18(mm)
IC 480-693920/16		12/01/2023 14:44	1	N3574.d	ZB-624 (20) 0.18(mm)
IC 480-693920/17		12/01/2023 15:06	1	N3575.d	ZB-624 (20) 0.18(mm)
ICIS 480-693920/18		12/01/2023 15:29	1	N3576.d	ZB-624 (20) 0.18(mm)
IC 480-693920/19		12/01/2023 15:51	1	N3577.d	ZB-624 (20) 0.18(mm)
IC 480-693920/20		12/01/2023 16:14	1	N3578.d	ZB-624 (20) 0.18(mm)
ZZZZZ		12/01/2023 16:59	1		ZB-624 (20) 0.18(mm)
IC 480-693920/25		12/01/2023 18:06	1		ZB-624 (20) 0.18(mm)
IC 480-693920/26		12/01/2023 18:29	1		ZB-624 (20) 0.18(mm)
IC 480-693920/27		12/01/2023 18:51	1		ZB-624 (20) 0.18(mm)
IC 480-693920/28		12/01/2023 19:14	1		ZB-624 (20) 0.18(mm)
IC 480-693920/29		12/01/2023 19:36	1		ZB-624 (20) 0.18(mm)
IC 480-693920/30		12/01/2023 19:58	1		ZB-624 (20) 0.18(mm)
IC 480-693920/31		12/01/2023 20:20	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/01/2023 21:05	1		ZB-624 (20) 0.18(mm)
ICV 480-693920/34		12/01/2023 21:27	1	N3592.d	ZB-624 (20) 0.18(mm)
ICV 480-693920/35		12/01/2023 21:49	1	N3593.d	ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: HP5973N Start Date: 12/07/2023 09:29

Analysis Batch Number: 694533 End Date: 12/07/2023 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-694533/3		12/07/2023 09:29	1	N3658.d	ZB-624 (20) 0.18(mm)
CCVIS 480-694533/4		12/07/2023 09:56	1	N3659.d	ZB-624 (20) 0.18(mm)
CCV 480-694533/5		12/07/2023 10:30	1		ZB-624 (20) 0.18(mm)
LCS 480-694533/6		12/07/2023 10:52	1	N3661.d	ZB-624 (20) 0.18(mm)
RL 480-694533/7		12/07/2023 11:14	1		ZB-624 (20) 0.18(mm)
MB 480-694533/8		12/07/2023 11:37	1	N3663.d	ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 12:11	20		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 12:34	125		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 12:57	80		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 13:19	80		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 13:41	100		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 14:03	50		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 14:26	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 14:48	1		ZB-624 (20) 0.18(mm)
480-215449-1	MW-C11_20231204	12/07/2023 15:11	1	N3672.d	ZB-624 (20) 0.18(mm)
480-215449-2	MW-C12_20231204	12/07/2023 15:33	1	N3673.d	ZB-624 (20) 0.18(mm)
480-215449-3	MW-C16_20231204	12/07/2023 15:55	5	N3674.d	ZB-624 (20) 0.18(mm)
480-215449-4	MW-13S_20231204	12/07/2023 16:17	1	N3675.d	ZB-624 (20) 0.18(mm)
480-215449-5	MW-22S_20231204	12/07/2023 16:39	1	N3676.d	ZB-624 (20) 0.18(mm)
480-215449-6	MW-23S_20231205	12/07/2023 17:02	2	N3677.d	ZB-624 (20) 0.18(mm)
480-215449-7	MW-46S_20231205	12/07/2023 17:24	5	N3678.d	ZB-624 (20) 0.18(mm)
480-215449-8	MW-48S_20231205	12/07/2023 17:46	1	N3679.d	ZB-624 (20) 0.18(mm)
480-215449-9	DUP-1_202312	12/07/2023 18:08	5	N3680.d	ZB-624 (20) 0.18(mm)
480-215449-10	TRIP BLANK	12/07/2023 18:31	1	N3681.d	ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 18:54	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/07/2023 19:16	1		ZB-624 (20) 0.18(mm)
480-215449-8 MS	MW-48S_20231205 MS MS	12/07/2023 19:38	1	N3684.d	ZB-624 (20) 0.18(mm)
480-215449-8 MSD	MW-48S_20231205 MSD MSD	12/07/2023 20:00	1	N3685.d	ZB-624 (20) 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: HP5973N Start Date: 12/08/2023 09:36

Analysis Batch Number: 694708 End Date: 12/08/2023 20:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-694708/3		12/08/2023 09:36	1	N3718.d	ZB-624 (20) 0.18(mm)
CCVIS 480-694708/4		12/08/2023 10:01	1	N3719.d	ZB-624 (20) 0.18(mm)
CCV 480-694708/5		12/08/2023 10:23	1		ZB-624 (20) 0.18(mm)
LCS 480-694708/6		12/08/2023 10:46	1	N3721.d	ZB-624 (20) 0.18(mm)
RL 480-694708/7		12/08/2023 11:08	1		ZB-624 (20) 0.18(mm)
MB 480-694708/8		12/08/2023 11:31	1	N3723.d	ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 12:04	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 12:27	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 12:49	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 13:12	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 13:35	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 13:57	10		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 14:20	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 14:43	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 15:05	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 15:28	1		ZB-624 (20) 0.18(mm)
480-215449-7 DL	MW-46S_20231205 DL	12/08/2023 15:51	10	N3734.d	ZB-624 (20) 0.18(mm)
480-215449-9 DL	DUP-1_202312 DL	12/08/2023 16:13	10	N3735.d	ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 17:21	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 17:43	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 18:06	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 18:28	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 18:51	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 19:13	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 19:36	1		ZB-624 (20) 0.18(mm)
ZZZZZ		12/08/2023 19:58	1		ZB-624 (20) 0.18(mm)
480-215449-7 MS	MW-46S_20231205 MS	12/08/2023 20:20	10	N3746.d	ZB-624 (20) 0.18(mm)
480-215449-7 MSD	MW-46S_20231205 MSD	12/08/2023 20:43	10	N3747.d	ZB-624 (20) 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Batch Number: 693920 Batch Start Date: 12/01/23 12:48 Batch Analyst: Hill, Leah C

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260 CORP mix 00245	BFB_WRK 00152	GAS CORP mix 00597	N 8260 IS 00256
BFB 480-693920/11		8260C		1 uL	1 uL		1 uL		
IC 480-693920/13		8260C		5 mL	5 mL	0.5 uL		0.5 uL	1 uL
IC 480-693920/14		8260C		5 mL	5 mL	1 uL		1 uL	1 uL
IC 480-693920/15		8260C		5 mL	5 mL	2 uL		2 uL	1 uL
IC 480-693920/16		8260C		5 mL	5 mL	5 uL		5 uL	1 uL
IC 480-693920/17		8260C		5 mL	5 mL	5 uL		5 uL	1 uL
ICIS 480-693920/18		8260C		5 mL	5 mL	12.5 uL		12.5 uL	1 uL
IC 480-693920/19		8260C		5 mL	5 mL	25 uL		25 uL	1 uL
IC 480-693920/20		8260C		5 mL	5 mL	50 uL		50 uL	1 uL
ICV 480-693920/34		8260C		5 mL	5 mL				1 uL
ICV 480-693920/35		8260C		5 mL	5 mL				1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	N_8260_Surr 00463	SS 8260 CORP 00110	SS ADD CORP 00088	SS GAS CORP 00548		
BFB 480-693920/11		8260C							
IC 480-693920/13		8260C		1 uL					
IC 480-693920/14		8260C		1 uL					
IC 480-693920/15		8260C		1 uL					
IC 480-693920/16		8260C		1 uL					
IC 480-693920/17		8260C		1 uL					
ICIS 480-693920/18		8260C		1 uL					
IC 480-693920/19		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.: 480-215449-1

SDG No.:

Batch Number: 693920 Batch Start Date: 12/01/23 12:48 Batch Analyst: Hill, Leah C

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	N_8260_Surr 00463	SS 8260 CORP 00110	SS ADD CORP 00088	SS GAS CORP 00548		
IC 480-693920/20		8260C		1 uL					
ICV 480-693920/34		8260C		1 uL	12.5 uL		12.5 uL		
ICV 480-693920/35		8260C		1 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.: 480-215449-1

SDG No.:

Batch Number: 694533 Batch Start Date: 12/07/23 09:29 Batch Analyst: Repka, Carly

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00246	BFB_WRK 00152	GAS CORP mix 00598
BFB 480-694533/3		8260C		1 uL	1 uL			1 uL	
CCVIS 480-694533/4		8260C		5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-694533/6		8260C		5 mL	5 mL		12.5 uL		12.5 uL
MB 480-694533/8		8260C		5 mL	5 mL				
480-215449-D-1	MW-C11_20231204	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-2	MW-C12_20231204	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-3	MW-C16_20231204	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-4	MW-13S_20231204	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-5	MW-22S_20231204	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-6	MW-23S_20231205	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-7	MW-46S_20231205	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-8	MW-48S_20231205	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-9	DUP-1_202312	8260C	T	5 mL	5 mL	<2 SU			
480-215449-A-10	TRIP BLANK	8260C	T	5 mL	5 mL	<2 SU			
480-215449-D-8 MS	MW-48S_20231205 MS	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-215449-D-8 MSD	MW-48S_20231205 MSD	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	N 8260 IS 00258	N_8260_Surr 00461	AnalysisComment			
BFB 480-694533/3		8260C							
CCVIS 480-694533/4		8260C		1 uL	1 uL				
LCS 480-694533/6		8260C		1 uL	1 uL				
MB 480-694533/8		8260C		1 uL	1 uL				
480-215449-D-1	MW-C11_20231204	8260C	T	1 uL	1 uL				
480-215449-D-2	MW-C12_20231204	8260C	T	1 uL	1 uL				
480-215449-D-3	MW-C16_20231204	8260C	T	1 uL	1 uL	foam			
480-215449-D-4	MW-13S_20231204	8260C	T	1 uL	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.: 480-215449-1

SDG No.:

Batch Number: 694533 Batch Start Date: 12/07/23 09:29 Batch Analyst: Repka, Carly

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	N 8260 IS 00258	N_8260_Surr 00461	AnalysisComment			
480-215449-D-5	MW-22S_20231204	8260C	T	1 uL	1 uL				
480-215449-D-6	MW-23S_20231205	8260C	T	1 uL	1 uL	matrix			
480-215449-D-7	MW-46S_20231205	8260C	T	1 uL	1 uL	rr 10x DL			
480-215449-D-8	MW-48S_20231205	8260C	T	1 uL	1 uL				
480-215449-D-9	DUP-1_202312	8260C	T	1 uL	1 uL	rr 10x DL			
480-215449-A-10	TRIP BLANK	8260C	T	1 uL	1 uL				
480-215449-D-8 MS	MW-48S_20231205 MS	8260C	T	1 uL	1 uL				
480-215449-D-8 MSD	MW-48S_20231205 MSD	8260C	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.: 480-215449-1

SDG No.:

Batch Number: 694708 Batch Start Date: 12/08/23 09:36 Batch Analyst: Gruning, Anton T

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00246	BFB_WRK 00152	GAS CORP mix 00598
BFB 480-694708/3		8260C		1 uL	1 uL			1 uL	
CCVIS 480-694708/4		8260C		5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-694708/6		8260C		5 mL	5 mL		12.5 uL		12.5 uL
MB 480-694708/8		8260C		5 mL	5 mL				
480-215449-E-7	MW-46S_20231205	8260C	T	5 mL	5 mL	<2 SU			
480-215449-E-9	DUP-1_202312	8260C	T	5 mL	5 mL	<2 SU			
480-215449-E-7 MS	MW-46S_20231205	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-215449-E-7 MSD	MW-46S_20231205	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	N 8260 IS 00258	N_8260_Surr 00461	AnalysisComment			
BFB 480-694708/3		8260C							
CCVIS 480-694708/4		8260C		1 uL	1 uL				
LCS 480-694708/6		8260C		1 uL	1 uL				
MB 480-694708/8		8260C		1 uL	1 uL				
480-215449-E-7	MW-46S_20231205	8260C	T	1 uL	1 uL	target			
480-215449-E-9	DUP-1_202312	8260C	T	1 uL	1 uL	target			
480-215449-E-7 MS	MW-46S_20231205	8260C	T	1 uL	1 uL	target			
480-215449-E-7 MSD	MW-46S_20231205	8260C	T	1 uL	1 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.: 480-215449-1

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_20231204	480-215449-1	93	102	98
MW-C12_20231204	480-215449-2	97	104	106
MW-C16_20231204	480-215449-3	77	84	100
MW-13S_20231204	480-215449-4	100	109	109
MW-22S_20231204	480-215449-5	104	110	118
MW-23S_20231205	480-215449-6	107	116	124
MW-46S_20231205	480-215449-7	108	119	112
MW-48S_20231205	480-215449-8	105	110	120
DUP-1_202312	480-215449-9	108	119	118
	MB 460-949013/1-A	94	91	86
	LCS 460-949013/2-A	92	100	109
	LCSD 460-949013/3-A	93	99	119
MW-48S_20231205 MS MS	480-215449-8 MS	115	123	127
MW-48S_20231205 MSD MSD	480-215449-8 MSD	110	119	110

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	51-145
FBP = 2-Fluorobiphenyl	46-139
TPHL = Terphenyl-d14 (Surr)	13-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A29339.D

Lab ID: LCS 460-949013/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	80.0	75.8	95	57-132	
Acenaphthylene	80.0	72.9	91	54-120	
Anthracene	80.0	75.1	94	65-120	
Chrysene	80.0	80.3	100	63-127	
Fluoranthene	80.0	75.0	94	65-130	
Fluorene	80.0	76.0	95	63-133	
Naphthalene	80.0	71.8	90	43-120	
Phenanthrene	80.0	75.5	94	65-120	
Pyrene	80.0	84.2	105	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A29340.D

Lab ID: LCSD 460-949013/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	75.2	94	1	30	57-132	
Acenaphthylene	80.0	73.0	91	0	30	54-120	
Anthracene	80.0	75.7	95	1	30	65-120	
Chrysene	80.0	82.7	103	3	30	63-127	
Fluoranthene	80.0	74.1	93	1	30	65-130	
Fluorene	80.0	75.4	94	1	30	63-133	
Naphthalene	80.0	72.5	91	1	30	43-120	
Phenanthrene	80.0	76.6	96	1	30	65-120	
Pyrene	80.0	93.9	117	11	30	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A29355.D

Lab ID: 480-215449-8 MS Client ID: MW-48S_20231205 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	80.0	21	108	108	57-132	
Acenaphthylene	80.0	10 U	82.6	103	54-120	
Anthracene	80.0	10 U	85.8	107	65-120	
Chrysene	80.0	2.0 U	90.1	113	63-127	
Fluoranthene	80.0	10 U	84.5	106	65-130	
Fluorene	80.0	2.3 J	86.6	105	63-133	
Naphthalene	80.0	27	109	103	43-120	
Phenanthrene	80.0	2.8 J	87.5	106	65-120	
Pyrene	80.0	10 U	96.7	121	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A29356.D

Lab ID: 480-215449-8 MSD Client ID: MW-48S_20231205 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	107	108	0	30	57-132	
Acenaphthylene	80.0	82.0	103	1	30	54-120	
Anthracene	80.0	84.8	106	1	30	65-120	
Chrysene	80.0	89.6	112	1	30	63-127	
Fluoranthene	80.0	81.4	102	4	30	65-130	
Fluorene	80.0	84.8	103	2	30	63-133	
Naphthalene	80.0	97.9	88	11	30	43-120	
Phenanthrene	80.0	86.9	105	1	30	65-120	
Pyrene	80.0	94.1	118	3	30	56-144	

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.: 480-215449-1

SDG No.:

Lab File ID: A29341.D Lab Sample ID: MB 460-949013/1-A

Matrix: Water Date Extracted: 12/09/2023 10:47

Instrument ID: CBNAMS16 Date Analyzed: 12/09/2023 17:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-949013/2-A	A29339.D	12/09/2023 16:50
	LCSD 460-949013/3-A	A29340.D	12/09/2023 17:13
MW-C11_20231204	480-215449-1	A29348.D	12/09/2023 20:02
MW-C12_20231204	480-215449-2	A29349.D	12/09/2023 20:23
MW-C16_20231204	480-215449-3	A29350.D	12/09/2023 20:44
MW-13S_20231204	480-215449-4	A29351.D	12/09/2023 21:05
MW-22S_20231204	480-215449-5	A29352.D	12/09/2023 21:26
MW-23S_20231205	480-215449-6	A29353.D	12/09/2023 21:47
MW-48S_20231205	480-215449-8	A29354.D	12/09/2023 22:08
MW-48S_20231205 MS MS	480-215449-8 MS	A29355.D	12/09/2023 22:29
MW-48S_20231205 MSD MSD	480-215449-8 MSD	A29356.D	12/09/2023 22:50
DUP-1_202312	480-215449-9	A29364.D	12/10/2023 01:38
MW-46S_20231205	480-215449-7	A29365.D	12/10/2023 01:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab File ID: A28057.D DFTPP Injection Date: 10/17/2023

Instrument ID: CBNAMS16 DFTPP Injection Time: 05:57

Analysis Batch No.: 938666

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.0	(0.0) 1
69	Present	54.0	
70	Less than 2% of m/z 69	0.3	(0.6) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	7.2	
365	Greater than 1% of Base Peak	4.3	
441	Less than 150% of m/z 443	26.4	(86.9) 3
442	Present	156.5	
443	15-24% of m/z 442	30.4	(19.5) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD24 460-938666/3	A28060.D	10/17/2023	6:54
	STD16 460-938666/4	A28062.D	10/17/2023	7:36
	STD4 460-938666/5	A28064.D	10/17/2023	8:19
	STD2 460-938666/6	A28066.D	10/17/2023	9:01
	STD1 460-938666/7	A28068.D	10/17/2023	9:43
	STD04 460-938666/8	A28070.D	10/17/2023	10:25
	STD02 460-938666/9	A28072.D	10/17/2023	11:08
	STD01 460-938666/10	A28074.D	10/17/2023	11:50
	ICIS 460-938666/11	A28076.D	10/17/2023	12:32
	ICV 460-938666/12	A28078.D	10/17/2023	13:14

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

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-938666/11 Date Analyzed: 10/17/2023 12:32

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A28076.D Heated Purge: (Y/N) N

Calibration ID: 94770

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		337710	4.41	1240114	5.62	620271	7.29
UPPER LIMIT		675420	4.91	2480228	6.12	1240542	7.79
LOWER LIMIT		168855	3.91	620057	5.12	310136	6.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-938666/12		346243	4.40	1286527	5.62	633070	7.29

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.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-938666/11 Date Analyzed: 10/17/2023 12:32

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A28076.D Heated Purge: (Y/N) N

Calibration ID: 94770

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1048852	8.69	889799	11.31	940535	13.19
UPPER LIMIT		2097704	9.19	1779598	11.81	1881070	13.69
LOWER LIMIT		524426	8.19	444900	10.81	470268	12.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-938666/12		1032697	8.69	846074	11.31	905485	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.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949020/2 Date Analyzed: 12/09/2023 15:46

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A29336.D Heated Purge: (Y/N) N

Calibration ID: 94770

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		356433	4.11	1369904	5.34	711657	7.00
UPPER LIMIT		712866	4.61	2739808	5.84	1423314	7.50
LOWER LIMIT		178217	3.61	684952	4.84	355829	6.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-949013/2-A		346650	4.11	1348936	5.34	687482	7.00
LCSD 460-949013/3-A		394438	4.11	1548946	5.33	820821	7.00
MB 460-949013/1-A		365247	4.11	1448304	5.33	784497	7.00
480-215449-1	MW-C11_20231204	379698	4.11	1519175	5.33	810778	7.00
480-215449-2	MW-C12_20231204	347655	4.11	1361823	5.34	724897	7.00
480-215449-3	MW-C16_20231204	343516	4.11	1354320	5.33	709799	7.00
480-215449-4	MW-13S_20231204	348935	4.11	1377955	5.33	730117	7.00
480-215449-5	MW-22S_20231204	375674	4.11	1497543	5.33	802244	7.00
480-215449-6	MW-23S_20231205	334604	4.11	1326134	5.33	696293	7.00
480-215449-8	MW-48S_20231205	386207	4.11	1573783	5.33	855511	7.00
480-215449-8 MS	MW-48S_20231205 MS MS	355178	4.11	1377615	5.33	711999	7.00
480-215449-8 MSD	MW-48S_20231205 MSD MSD	371169	4.11	1449621	5.33	732055	7.00
480-215449-9	DUP-1_202312	310159	4.11	1184894	5.33	596418	7.00
480-215449-7	MW-46S_20231205	316094	4.11	1207678	5.33	611790	7.00

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.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949020/2 Date Analyzed: 12/09/2023 15:46

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): A29336.D Heated Purge: (Y/N) N

Calibration ID: 94770

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1202047	8.40	831835	10.96	855044	12.73
UPPER LIMIT		2404094	8.90	1663670	11.46	1710088	13.23
LOWER LIMIT		601024	7.90	415918	10.46	427522	12.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-949013/2-A		1169195	8.40	825628	10.96	854077	12.72
LCSD 460-949013/3-A		1393970	8.40	870972	10.96	854669	12.72
MB 460-949013/1-A		1468697	8.40	1009790	10.96	879133	12.72
480-215449-1	MW-C11_20231204	1465169	8.40	979980	10.96	903938	12.72
480-215449-2	MW-C12_20231204	1320157	8.40	875024	10.96	811627	12.72
480-215449-3	MW-C16_20231204	1253500	8.39	812162	10.95	816046	12.72
480-215449-4	MW-13S_20231204	1303546	8.40	846930	10.95	830048	12.72
480-215449-5	MW-22S_20231204	1414809	8.39	917676	10.95	889566	12.72
480-215449-6	MW-23S_20231205	1244244	8.40	892851	10.95	866395	12.72
480-215449-8	MW-48S_20231205	1569395	8.39	1042948	10.95	911687	12.72
480-215449-8 MS	MW-48S_20231205 MS MS	1200759	8.40	829749	10.96	840394	12.72
480-215449-8 MSD	MW-48S_20231205 MSD MSD	1205451	8.40	825561	10.96	885139	12.72
480-215449-9	DUP-1_202312	1031753	8.39	719091	10.95	843190	12.72
480-215449-7	MW-46S_20231205	1059417	8.39	749350	10.95	900850	12.72

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.: 480-215449-1

SDG No.:

Client Sample ID: MW-C11_20231204 | Lab Sample ID: 480-215449-1

Matrix: Water | Lab File ID: A29348.D

Analysis Method: 8270E | Date Collected: 12/04/2023 11:25

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:02

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.: 949020 | 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	102		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	93		51-145
1718-51-0	Terphenyl-d14 (Surr)	98		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29348.D
Lims ID: 480-215449-A-1-A
Client ID: MW-C11_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:02:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-014
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:22:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.107	4.111	-0.004	96	379698	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	87	736589	9.30	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1519175	8.00	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1524539	10.2	
* 64 Acenaphthene-d10	164	7.001	7.003	-0.002	96	810778	8.00	
* 88 Phenanthrene-d10	188	8.397	8.399	-0.002	99	1465169	8.00	
$ 97 Terphenyl-d14	244	9.911	9.917	-0.006	97	1332719	9.83	
* 103 Chrysene-d12	240	10.956	10.964	-0.008	99	979980	8.00	
* 110 Perylene-d12	264	12.716	12.725	-0.009	99	903938	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

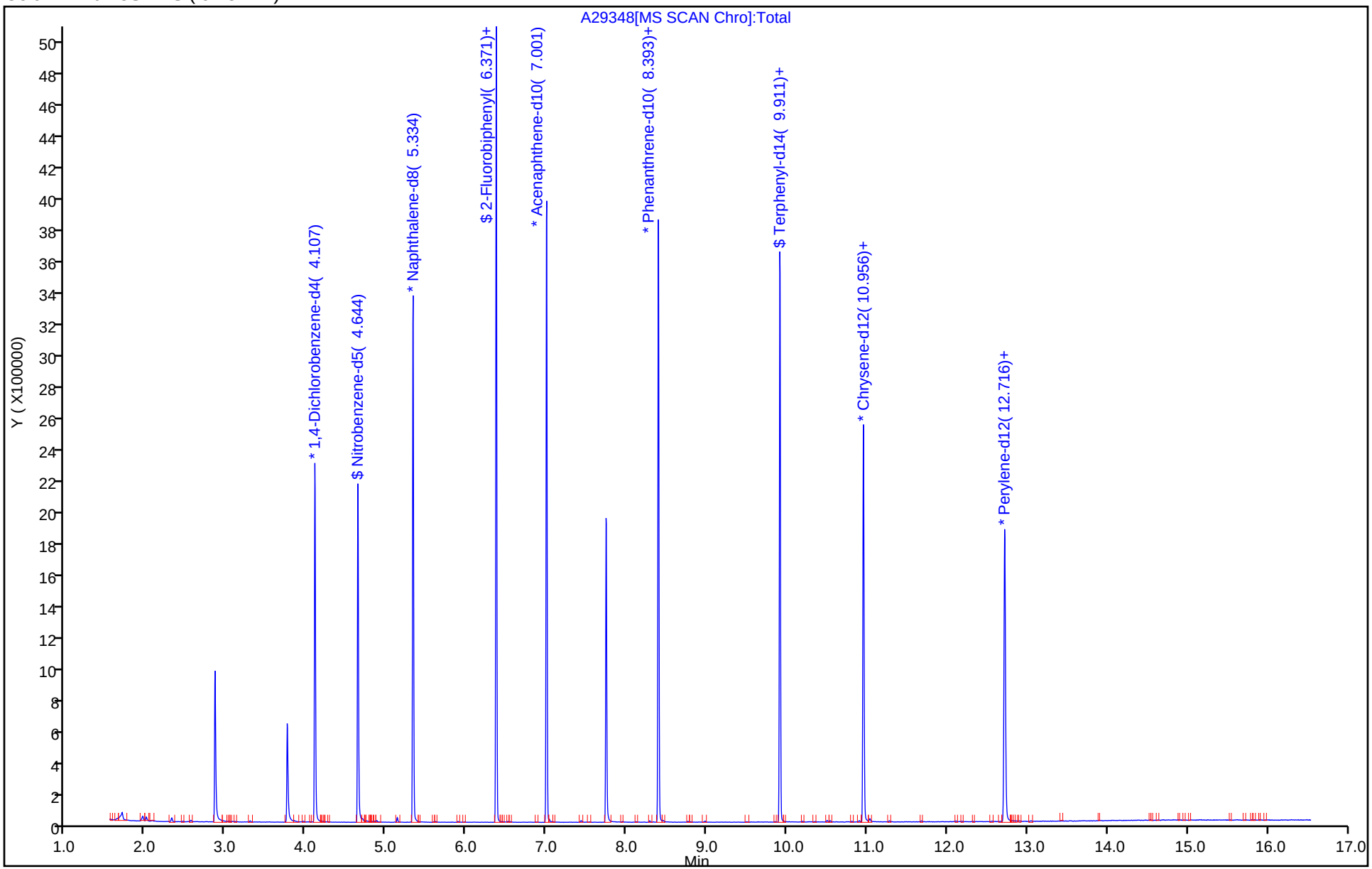
Report Date: 11-Dec-2023 10:00:57 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29348.D

Injection Date:	09-Dec-2023 20:02:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1	Worklist Smp#:	14
Client ID:	MW-C11_20231204				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29348.D
Lims ID: 480-215449-A-1-A
Client ID: MW-C11_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:02:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-014
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:22:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	9.30	92.97
$ 53 2-Fluorobiphenyl	10.0	10.2	102.14
$ 97 Terphenyl-d14	10.0	9.83	98.28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-C12_20231204 | Lab Sample ID: 480-215449-2

Matrix: Water | Lab File ID: A29349.D

Analysis Method: 8270E | Date Collected: 12/04/2023 12:15

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	97		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	14		10	0.91
91-20-3	Naphthalene	2.6		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	104		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	97		51-145
1718-51-0	Terphenyl-d14 (Surr)	106		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D
Lims ID: 480-215449-A-2-A
Client ID: MW-C12_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:23:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-015
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:22:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.111	4.111	0.000	96	347655	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	88	686411	9.66	
* 38 Naphthalene-d8	136	5.335	5.336	-0.001	99	1361823	8.00	
39 Naphthalene	128	5.357	5.355	0.002	99	64913	0.3300	
$ 53 2-Fluorobiphenyl	172	6.370	6.376	-0.006	97	1391009	10.4	
* 64 Acenaphthene-d10	164	7.000	7.003	-0.003	96	724897	8.00	
66 Acenaphthene	154	7.032	7.035	-0.003	96	1360586	12.1	
73 Fluorene	166	7.518	7.522	-0.004	96	234640	1.79	
* 88 Phenanthrene-d10	188	8.395	8.399	-0.004	99	1320157	8.00	
$ 97 Terphenyl-d14	244	9.913	9.917	-0.004	97	1286966	10.6	
* 103 Chrysene-d12	240	10.955	10.964	-0.009	99	875024	8.00	
* 110 Perylene-d12	264	12.715	12.725	-0.010	99	811627	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

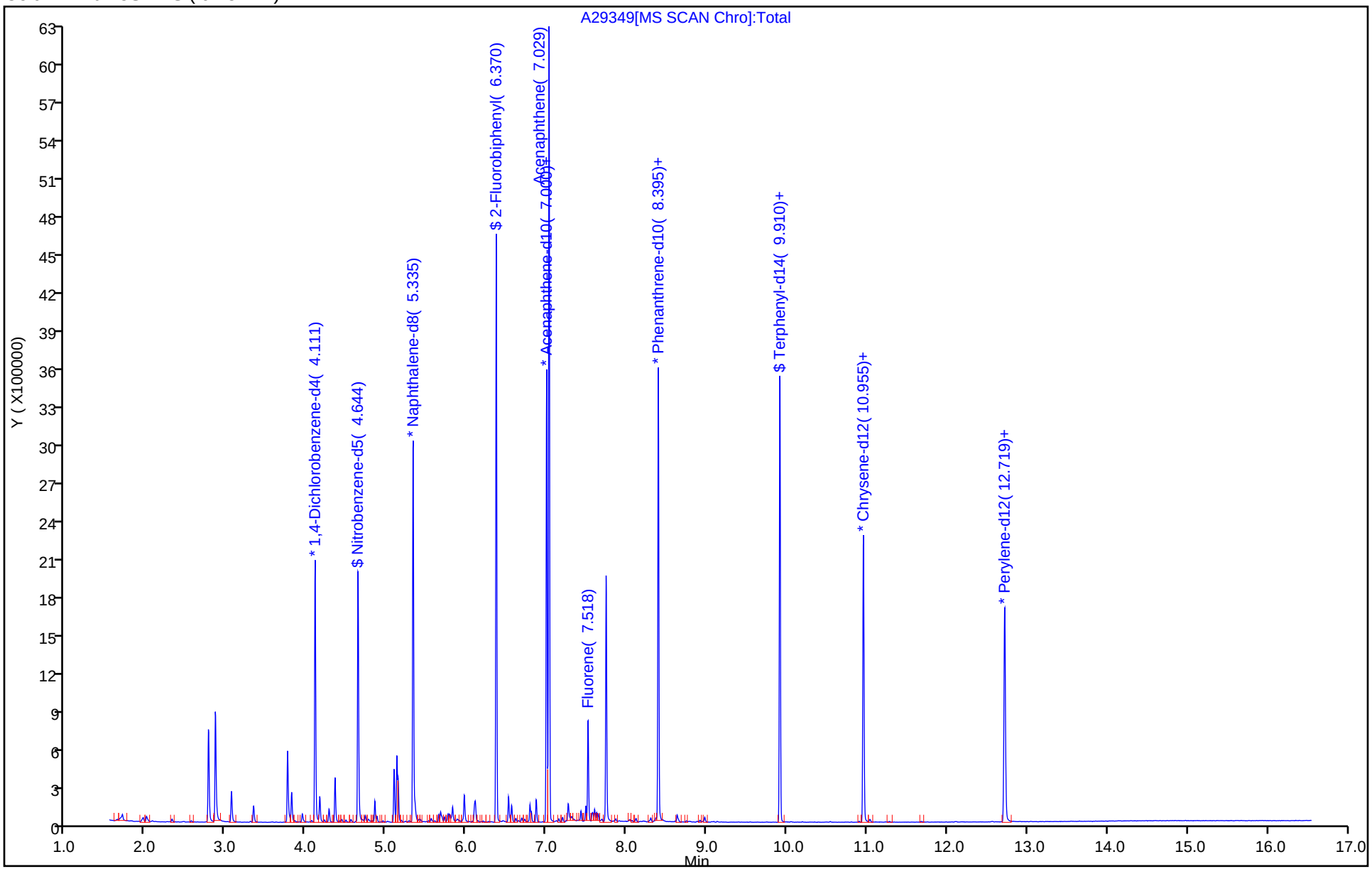
Report Date: 11-Dec-2023 10:01:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D

Injection Date:	09-Dec-2023 20:23:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2	Worklist Smp#:	15
Client ID:	MW-C12_20231204				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D
Lims ID: 480-215449-A-2-A
Client ID: MW-C12_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:23:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-015
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:22:51

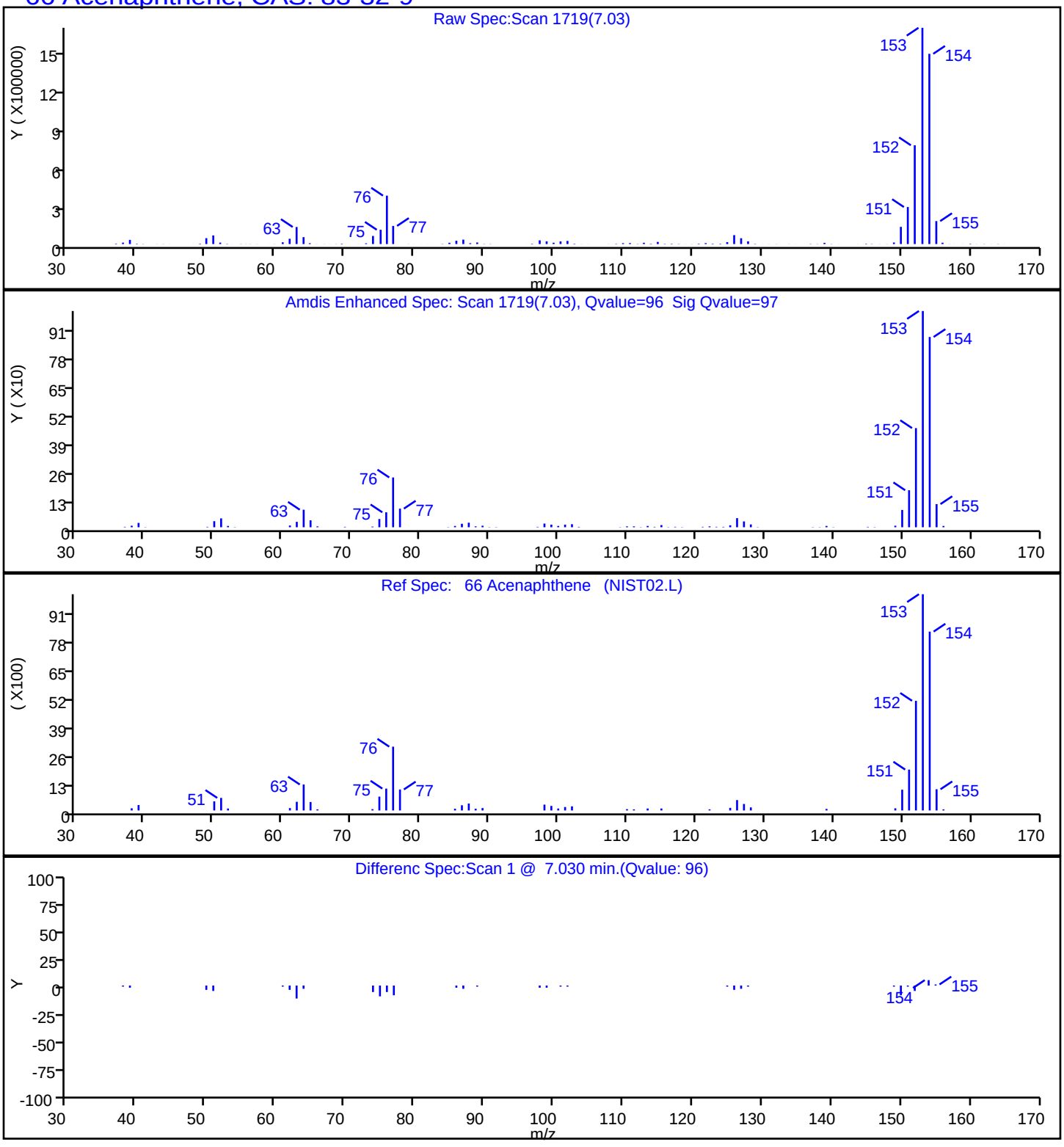
Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	9.66	96.65
$ 53 2-Fluorobiphenyl	10.0	10.4	104.24
$ 97 Terphenyl-d14	10.0	10.6	106.29

Report Date: 11-Dec-2023 10:01:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D				
Injection Date:	09-Dec-2023 20:23:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

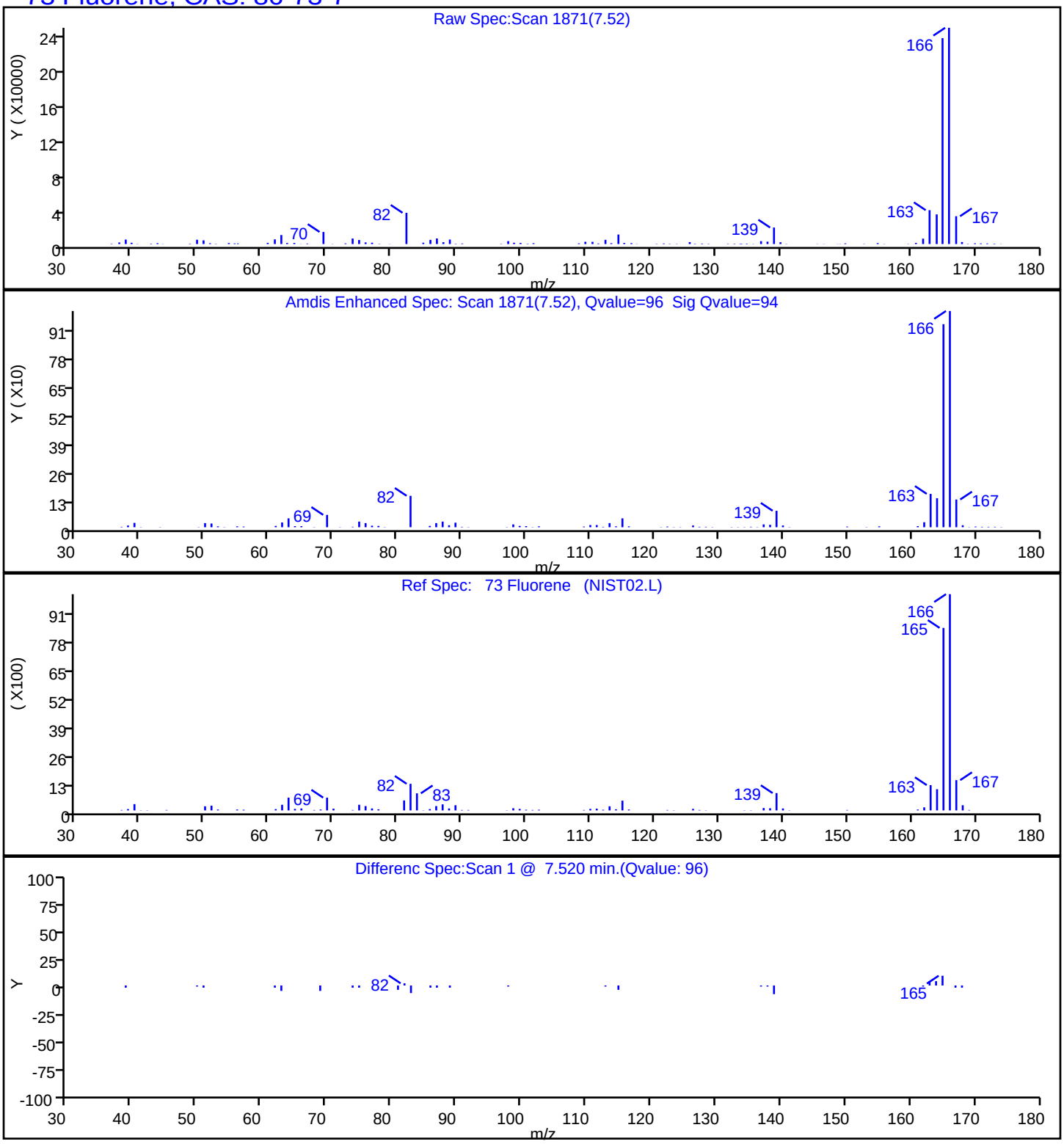
66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D				
Injection Date:	09-Dec-2023 20:23:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7



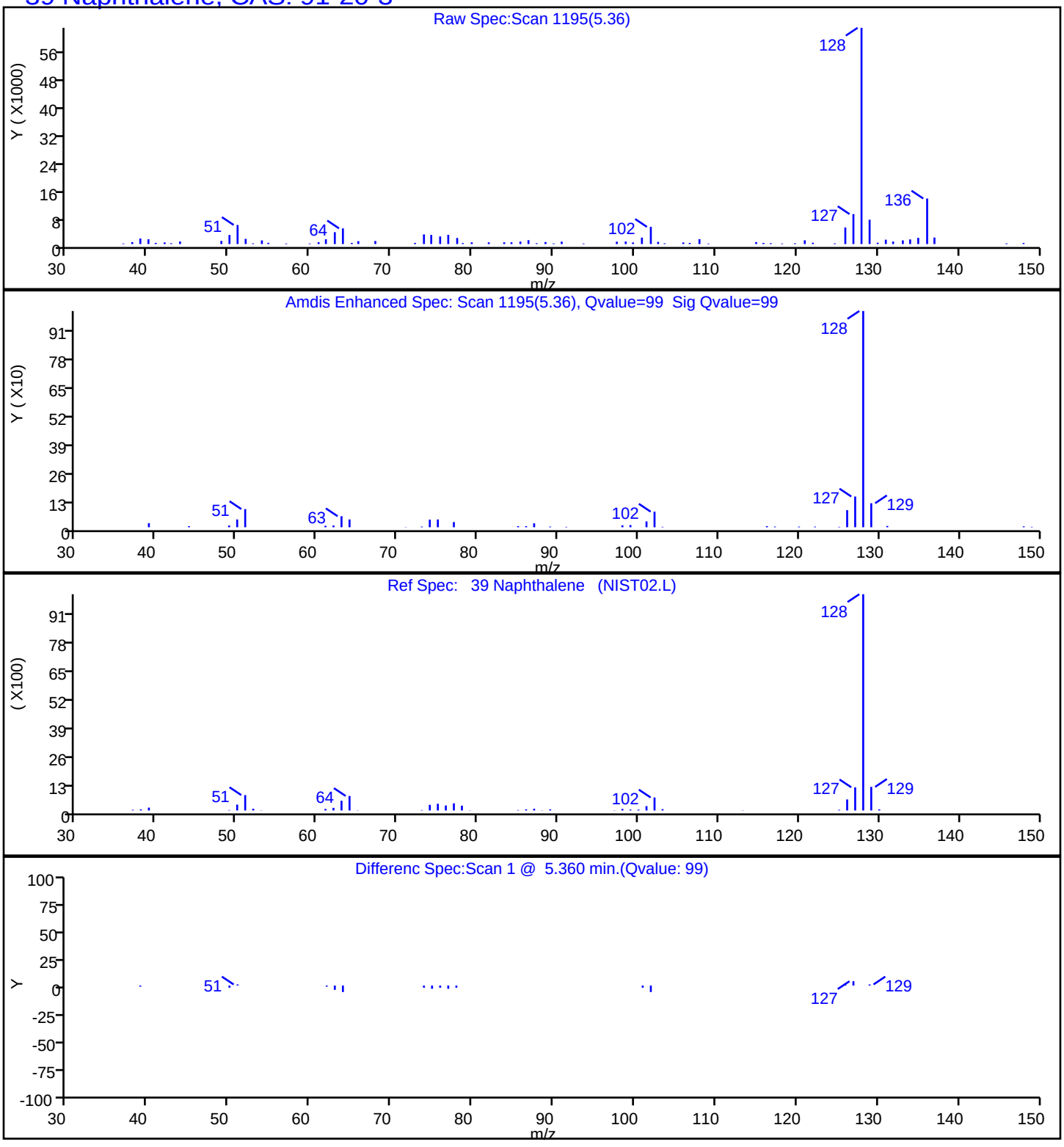
Report Date: 11-Dec-2023 10:01:21 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D

Injection Date:	09-Dec-2023 20:23:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



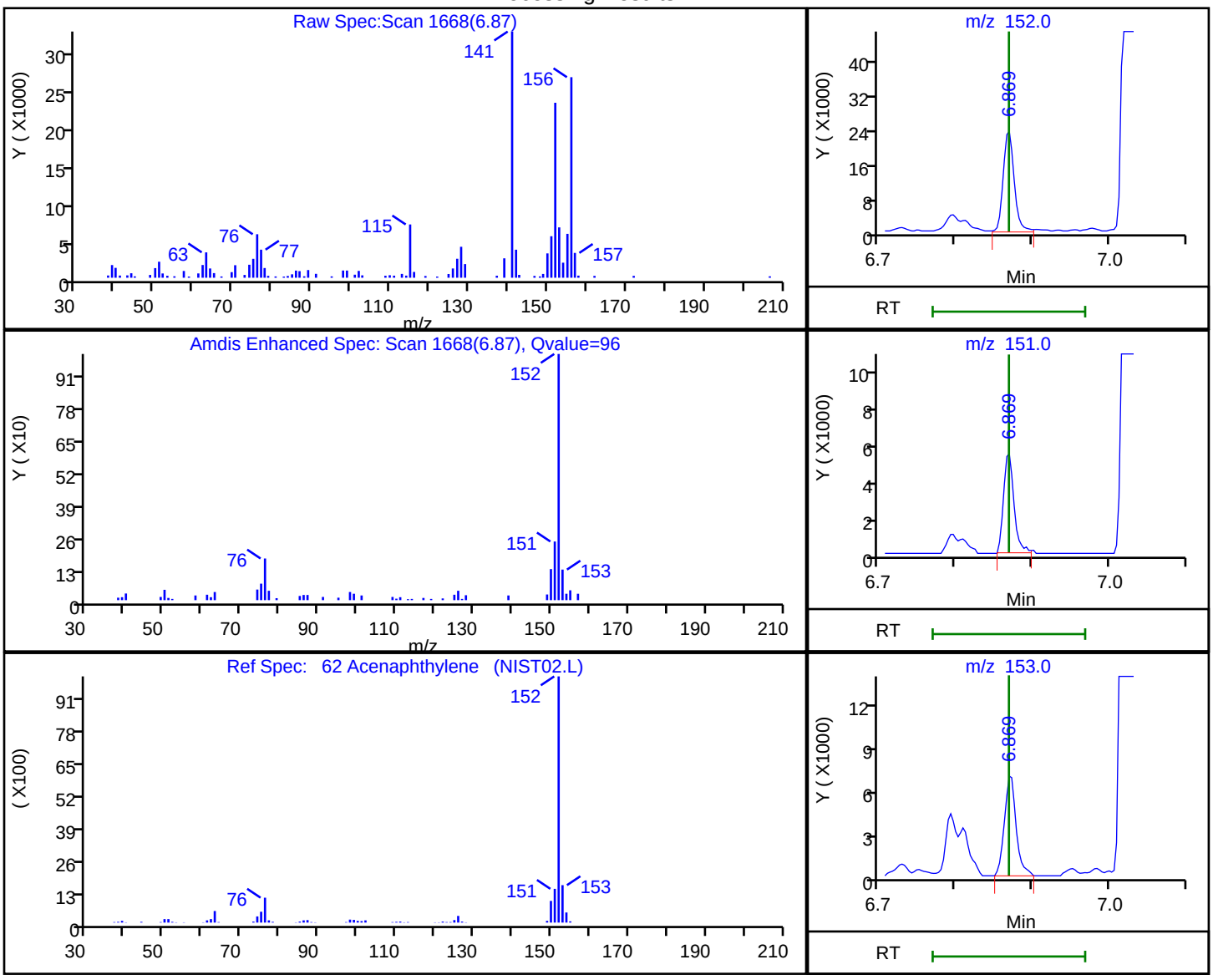
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29349.D				
Injection Date:	09-Dec-2023 20:23:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	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
6.87	152.00	22883	0.119951
6.87	151.00	5297	
6.87	153.00	7146	

Reviewer: U6BX, 10-Dec-2023 17:22:48 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-C16_20231204 | Lab Sample ID: 480-215449-3

Matrix: Water | Lab File ID: A29350.D

Analysis Method: 8270E | Date Collected: 12/04/2023 10:25

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:44

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10		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)	77		51-145
1718-51-0	Terphenyl-d14 (Surr)	100		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29350.D
Lims ID: 480-215449-A-3-A
Client ID: MW-C16_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:44:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-016
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:34:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.107	4.111	-0.004	97	343516	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	87	1085541	15.4	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1354320	8.00	
$ 53 2-Fluorobiphenyl	172	6.372	6.376	-0.004	97	2189161	16.8	
* 64 Acenaphthene-d10	164	6.999	7.003	-0.004	96	709799	8.00	
66 Acenaphthene	154	7.031	7.035	-0.004	96	140537	1.28	
* 88 Phenanthrene-d10	188	8.393	8.399	-0.006	99	1253500	8.00	
$ 97 Terphenyl-d14	244	9.912	9.917	-0.005	97	2238051	19.9	
* 103 Chrysene-d12	240	10.954	10.964	-0.010	99	812162	8.00	
* 110 Perylene-d12	264	12.716	12.725	-0.009	98	816046	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

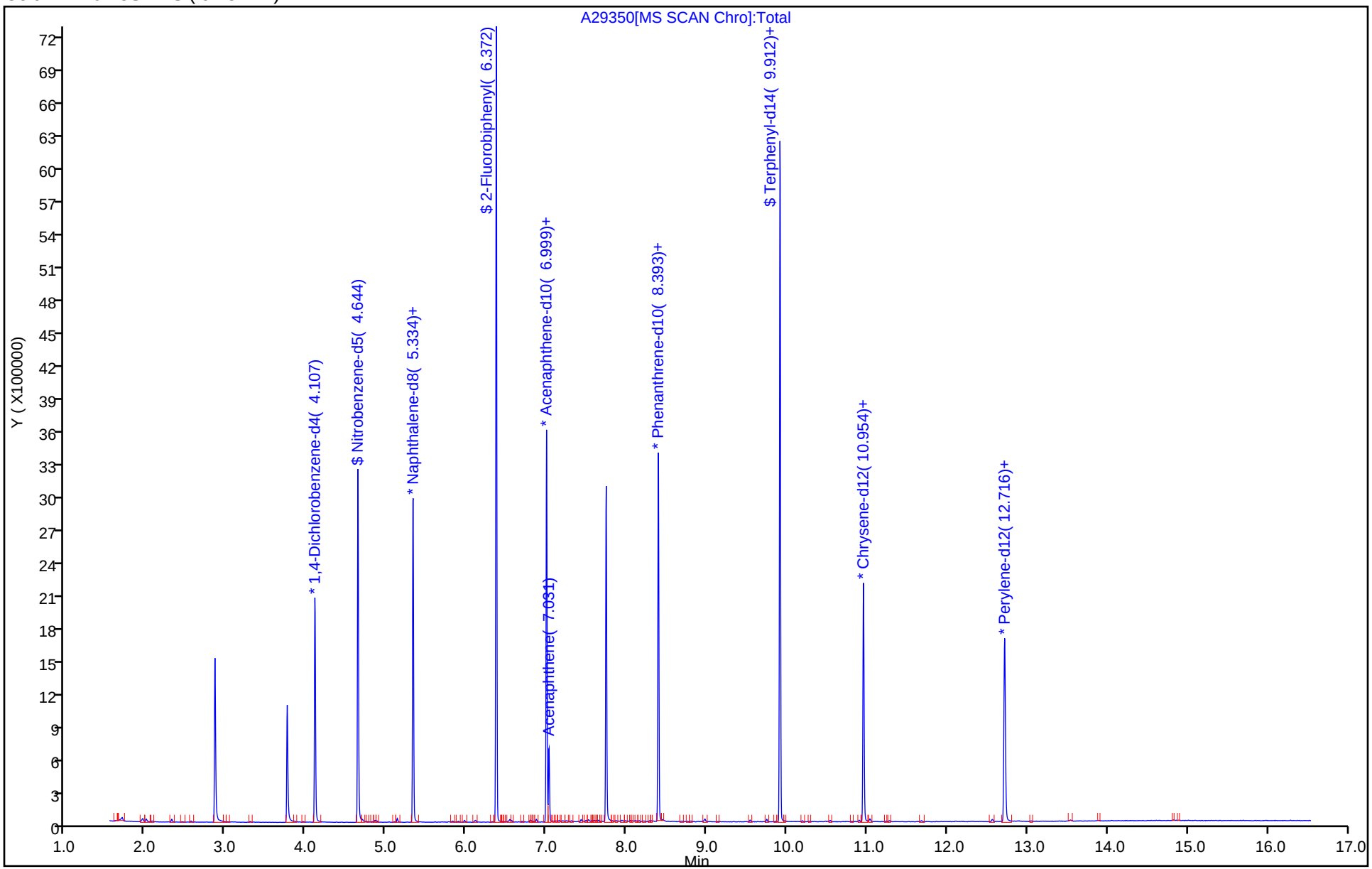
Report Date: 11-Dec-2023 10:01:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29350.D

Injection Date:	09-Dec-2023 20:44:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3	Worklist Smp#:	16
Client ID:	MW-C16_20231204				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29350.D
Lims ID: 480-215449-A-3-A
Client ID: MW-C16_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 20:44:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-016
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:34:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	20.0	15.4	76.85
$ 53 2-Fluorobiphenyl	20.0	16.8	83.77
$ 97 Terphenyl-d14	20.0	19.9	99.57

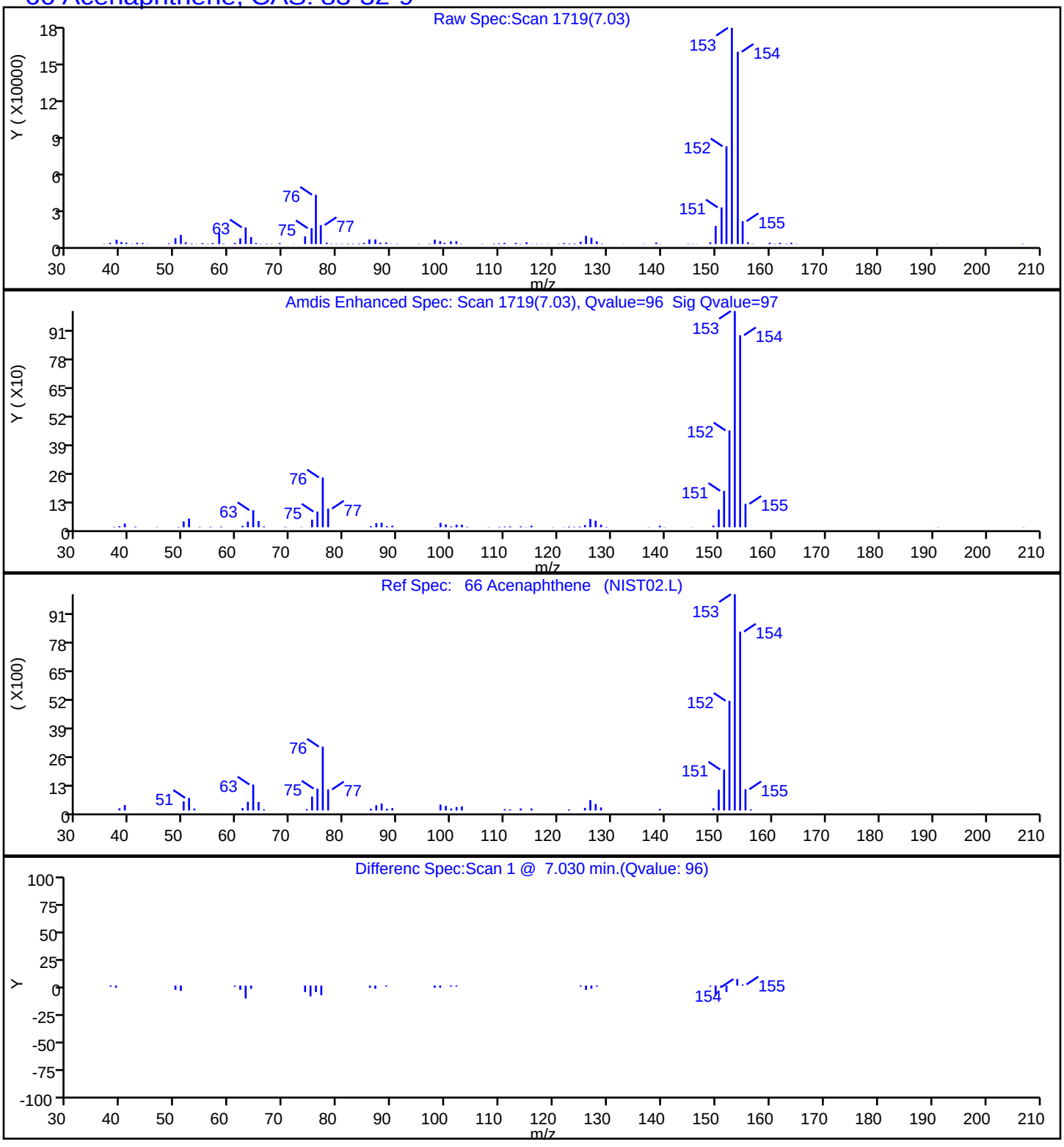
Report Date: 11-Dec-2023 10:01:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29350.D

Injection Date:	09-Dec-2023 20:44:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-13S_20231204 | Lab Sample ID: 480-215449-4

Matrix: Water | Lab File ID: A29351.D

Analysis Method: 8270E | Date Collected: 12/04/2023 13:45

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 21:05

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.: 949020 | 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	109		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	100		51-145
1718-51-0	Terphenyl-d14 (Surr)	109		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29351.D
Lims ID: 480-215449-A-4-A
Client ID: MW-13S_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 21:05:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-017
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.107	4.111	-0.004	96	348935	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	87	715941	9.96	
* 38 Naphthalene-d8	136	5.333	5.336	-0.003	99	1377955	8.00	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1460300	10.9	
* 64 Acenaphthene-d10	164	7.000	7.003	-0.003	96	730117	8.00	
* 88 Phenanthrene-d10	188	8.396	8.399	-0.003	99	1303546	8.00	
$ 97 Terphenyl-d14	244	9.910	9.917	-0.007	97	1279020	10.9	
* 103 Chrysene-d12	240	10.952	10.964	-0.012	99	846930	8.00	
* 110 Perylene-d12	264	12.716	12.725	-0.009	99	830048	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

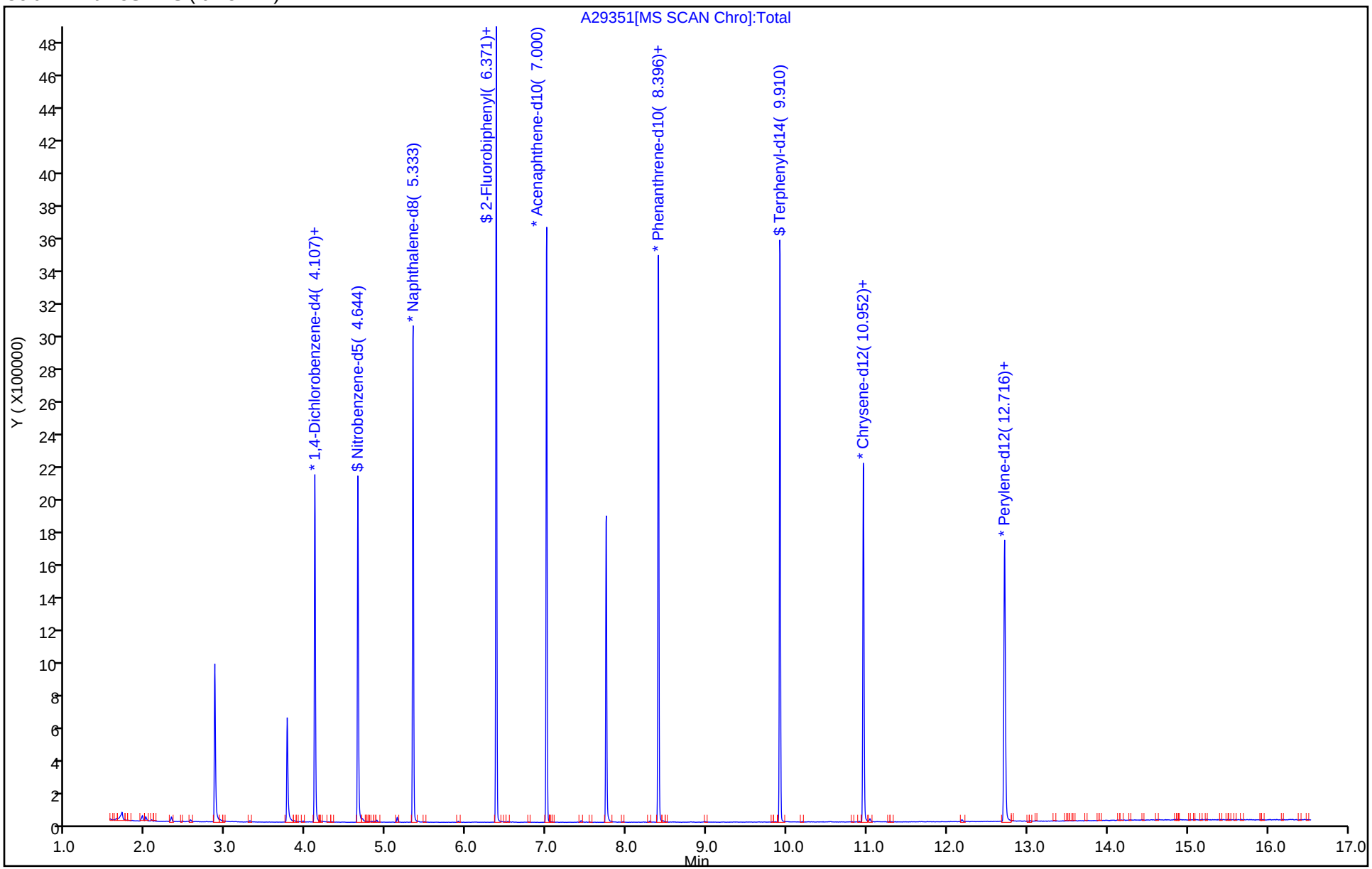
Report Date: 11-Dec-2023 10:01:42 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29351.D

Injection Date:	09-Dec-2023 21:05:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-4-A	Lab Sample ID:	460-215449-4	Worklist Smp#:	17
Client ID:	MW-13S_20231204				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29351.D				
Lims ID:	480-215449-A-4-A				
Client ID:	MW-13S_20231204				
Sample Type:	Client				
Inject. Date:	09-Dec-2023 21:05:30	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169925-017				
Operator ID:		Instrument ID:	CBNAMS16		
Method:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m				
Limit Group:	SV 8270E ICAL				
Last Update:	11-Dec-2023 09:56:12	Calib Date:	17-Oct-2023 12:32:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1677				

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	9.96	99.63
$ 53 2-Fluorobiphenyl	10.0	10.9	108.65
$ 97 Terphenyl-d14	10.0	10.9	109.14

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-22S_20231204 | Lab Sample ID: 480-215449-5

Matrix: Water | Lab File ID: A29352.D

Analysis Method: 8270E | Date Collected: 12/04/2023 14:45

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 21:26

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.: 949020 | 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	110		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	104		51-145
1718-51-0	Terphenyl-d14 (Surr)	118		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29352.D
Lims ID: 480-215449-A-5-A
Client ID: MW-22S_20231204
Sample Type: Client
Inject. Date: 09-Dec-2023 21:26:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-018
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.107	4.111	-0.004	96	375674	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	87	809203	10.4	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1497543	8.00	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1627441	11.0	
* 64 Acenaphthene-d10	164	7.001	7.003	-0.002	96	802244	8.00	
* 88 Phenanthrene-d10	188	8.393	8.399	-0.006	99	1414809	8.00	
$ 97 Terphenyl-d14	244	9.910	9.917	-0.007	97	1502287	11.8	
* 103 Chrysene-d12	240	10.952	10.964	-0.012	99	917676	8.00	
* 110 Perylene-d12	264	12.716	12.725	-0.009	99	889566	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

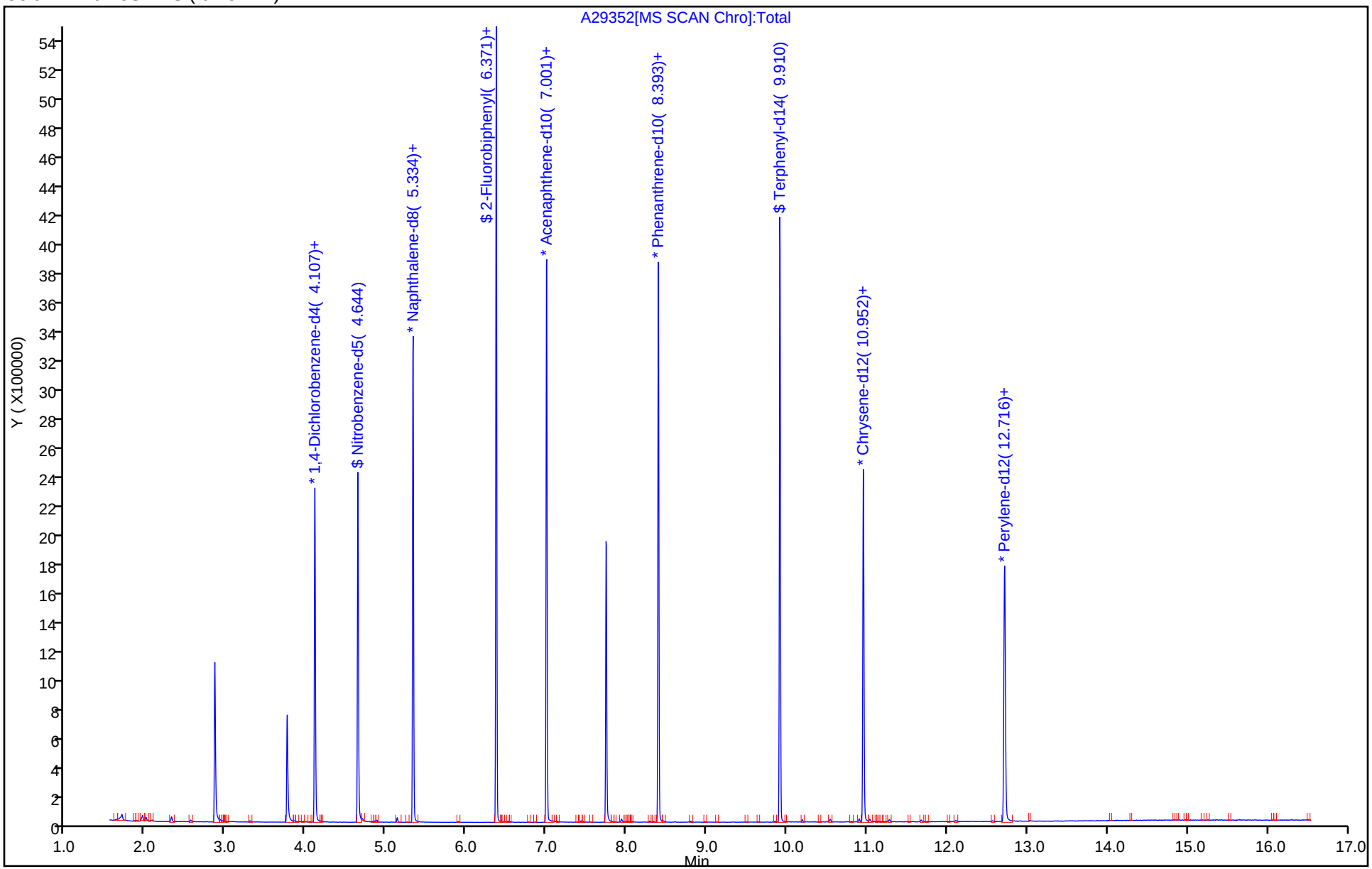
Report Date: 11-Dec-2023 10:02:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29352.D

Injection Date:	09-Dec-2023 21:26:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5	Worklist Smp#:	18
Client ID:	MW-22S_20231204				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29352.D				
Lims ID:	480-215449-A-5-A				
Client ID:	MW-22S_20231204				
Sample Type:	Client				
Inject. Date:	09-Dec-2023 21:26:30	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169925-018				
Operator ID:		Instrument ID:	CBNAMS16		
Method:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m				
Limit Group:	SV 8270E ICAL				
Last Update:	11-Dec-2023 09:56:12	Calib Date:	17-Oct-2023 12:32:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1677				

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	10.4	103.61
$ 53 2-Fluorobiphenyl	10.0	11.0	110.20
$ 97 Terphenyl-d14	10.0	11.8	118.31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-23S_20231205 | Lab Sample ID: 480-215449-6

Matrix: Water | Lab File ID: A29353.D

Analysis Method: 8270E | Date Collected: 12/05/2023 09:05

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 21:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.8	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	116		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	107		51-145
1718-51-0	Terphenyl-d14 (Surr)	124		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29353.D
Lims ID: 480-215449-A-6-A
Client ID: MW-23S_20231205
Sample Type: Client
Inject. Date: 09-Dec-2023 21:47:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-019
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.111	4.111	0.000	96	334604	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	88	743477	10.7	
* 38 Naphthalene-d8	136	5.331	5.336	-0.005	99	1326134	8.00	
$ 53 2-Fluorobiphenyl	172	6.370	6.376	-0.006	97	1481442	11.6	
* 64 Acenaphthene-d10	164	6.997	7.003	-0.006	97	696293	8.00	
66 Acenaphthene	154	7.029	7.035	-0.006	96	64609	0.5983	
* 88 Phenanthrene-d10	188	8.395	8.399	-0.004	99	1244244	8.00	
$ 97 Terphenyl-d14	244	9.913	9.917	-0.004	97	1533130	12.4	
* 103 Chrysene-d12	240	10.952	10.964	-0.012	99	892851	8.00	
* 110 Perylene-d12	264	12.717	12.725	-0.008	99	866395	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

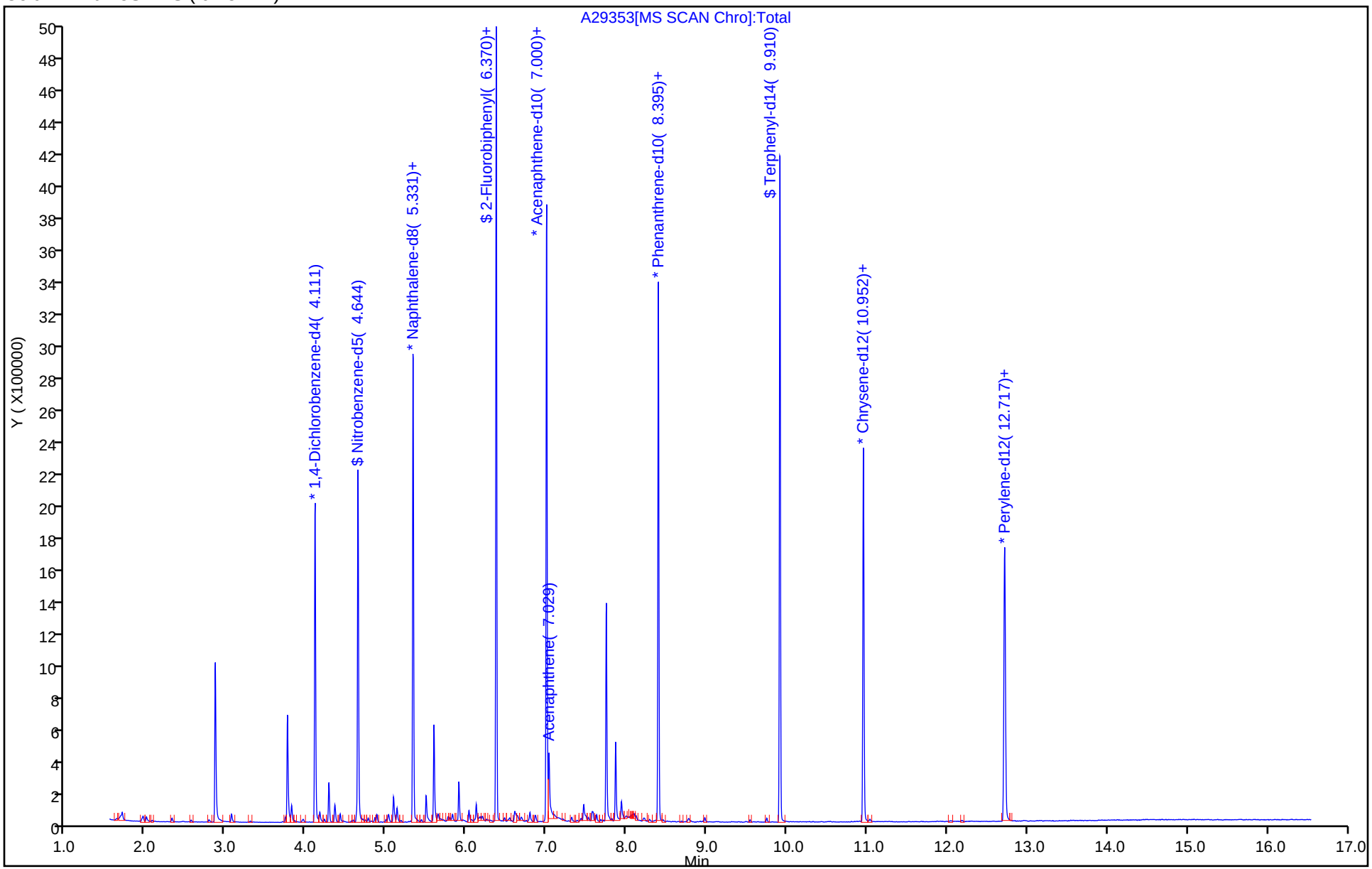
Report Date: 11-Dec-2023 10:02:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29353.D

Injection Date:	09-Dec-2023 21:47:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6	Worklist Smp#:	19
Client ID:	MW-23S_20231205				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29353.D
Lims ID: 480-215449-A-6-A
Client ID: MW-23S_20231205
Sample Type: Client
Inject. Date: 09-Dec-2023 21:47:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-019
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	10.7	107.50
$ 53 2-Fluorobiphenyl	10.0	11.6	115.57
$ 97 Terphenyl-d14	10.0	12.4	124.09

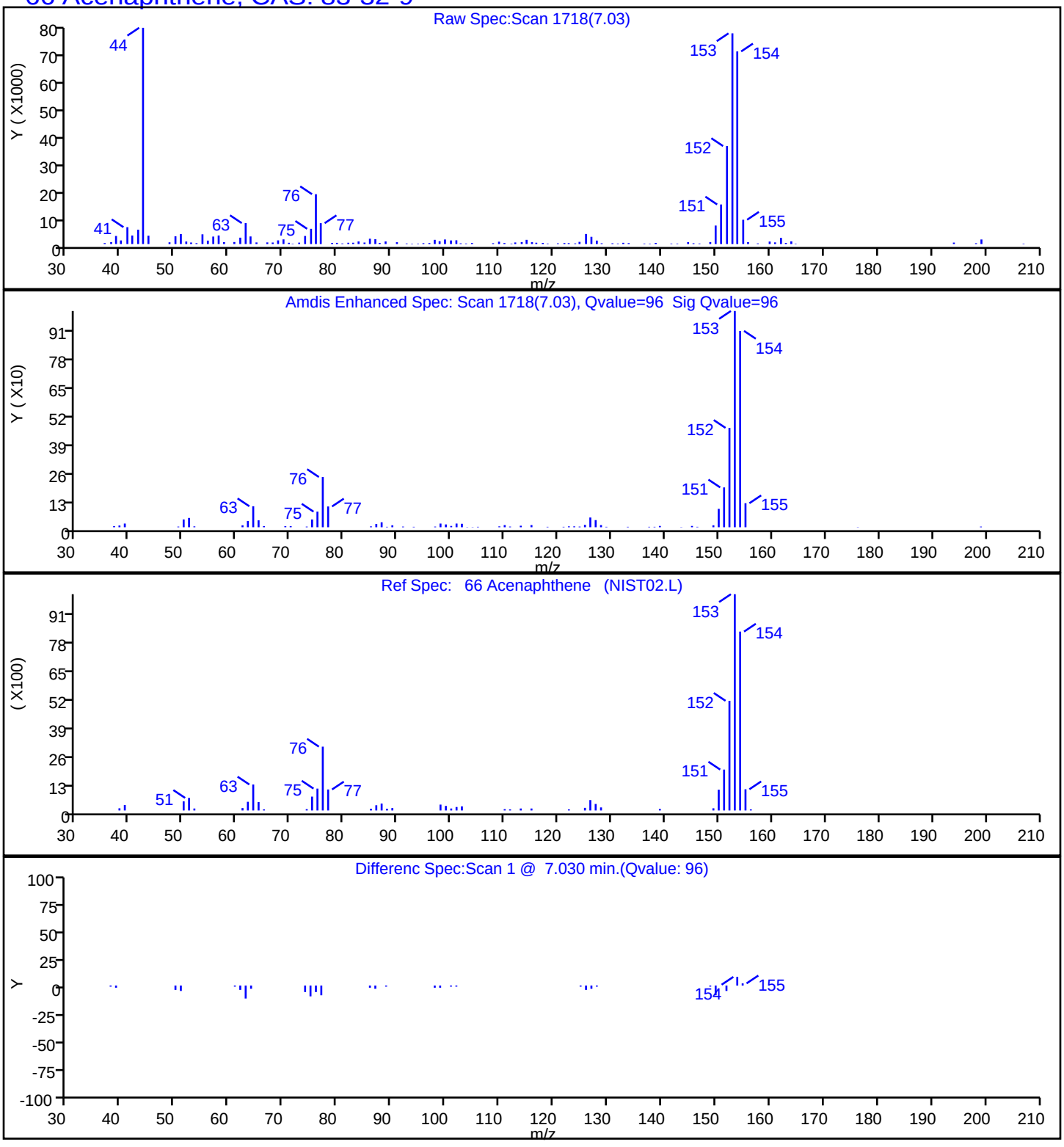
Report Date: 11-Dec-2023 10:02:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29353.D

Injection Date:	09-Dec-2023 21:47:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 | Lab Sample ID: 480-215449-7

Matrix: Water | Lab File ID: A29365.D

Analysis Method: 8270E | Date Collected: 12/05/2023 11:05

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/10/2023 01:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	46	J	50	5.4
208-96-8	Acenaphthylene	50	U	50	4.1
120-12-7	Anthracene	50	U	50	6.5
218-01-9	Chrysene	10	U	10	4.5
206-44-0	Fluoranthene	50	U	50	4.2
86-73-7	Fluorene	14	J	50	4.6
91-20-3	Naphthalene	180		10	2.7
85-01-8	Phenanthrene	13	J	50	6.4
129-00-0	Pyrene	50	U	50	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	119		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	108		51-145
1718-51-0	Terphenyl-d14 (Surr)	112		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D
Lims ID: 480-215449-A-7-A
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 10-Dec-2023 01:59:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 5.0000
Sample Info: 460-0169925-031
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:26:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.108	4.111	-0.003	96	316094	8.00	
$ 27 Nitrobenzene-d5	82	4.645	4.648	-0.003	87	136510	2.17	
* 38 Naphthalene-d8	136	5.332	5.336	-0.004	99	1207678	8.00	
39 Naphthalene	128	5.352	5.355	-0.003	99	792773	4.54	
$ 53 2-Fluorobiphenyl	172	6.372	6.376	-0.004	97	268784	2.39	
62 Acenaphthylene	152	6.867	6.869	-0.002	97	14725	0.0915	
* 64 Acenaphthene-d10	164	6.998	7.003	-0.005	96	611790	8.00	
66 Acenaphthene	154	7.027	7.035	-0.008	96	109364	1.15	
73 Fluorene	166	7.517	7.522	-0.005	94	37539	0.3385	
* 88 Phenanthrene-d10	188	8.393	8.399	-0.006	99	1059417	8.00	
89 Phenanthrene	178	8.418	8.422	-0.004	98	48748	0.3241	
95 Pyrene	202	9.746	9.750	-0.004	93	19443	0.1458	
$ 97 Terphenyl-d14	244	9.909	9.917	-0.008	97	233283	2.25	
* 103 Chrysene-d12	240	10.952	10.964	-0.012	99	749350	8.00	
* 110 Perylene-d12	264	12.717	12.725	-0.009	99	900850	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

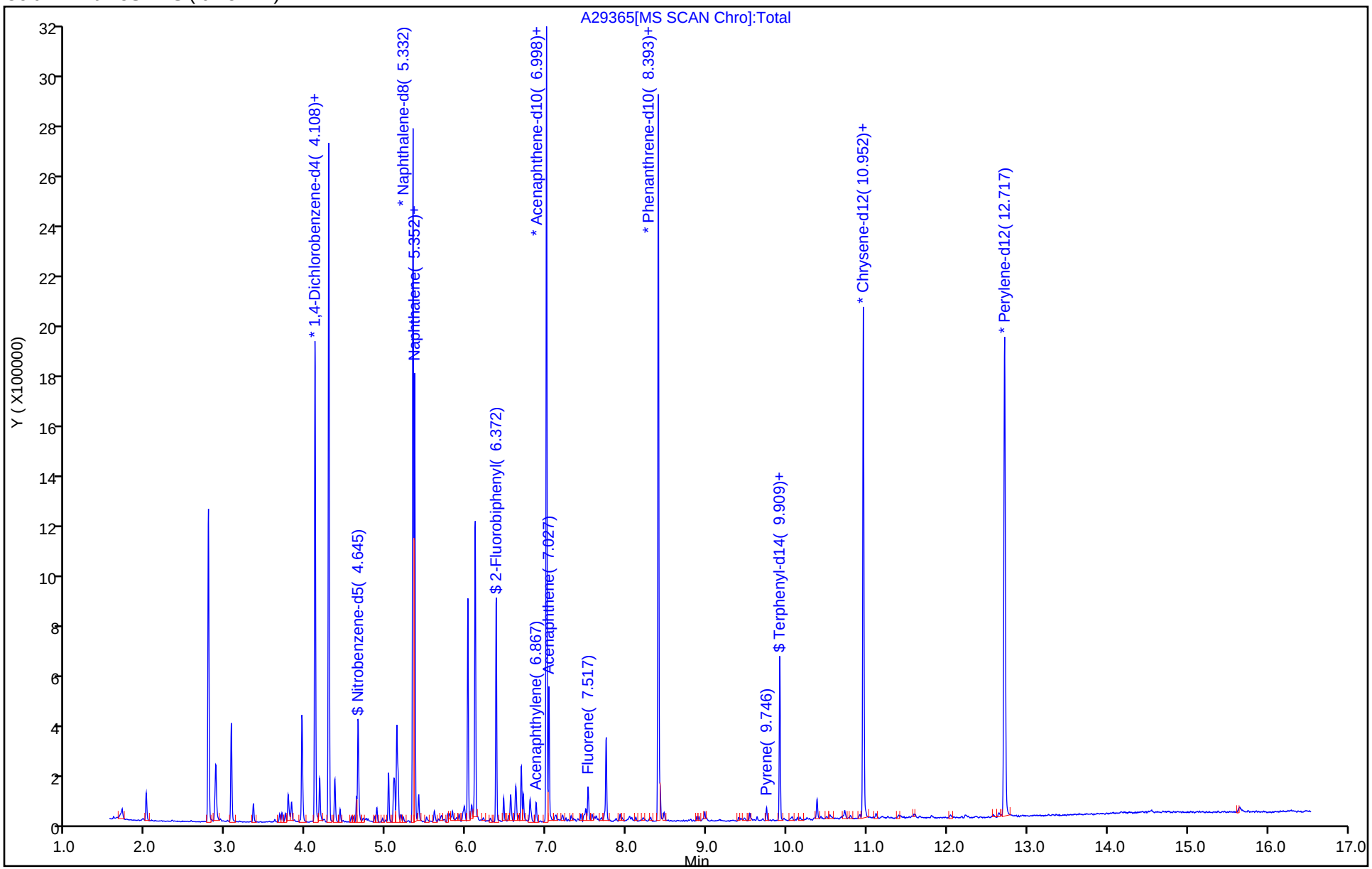
Report Date: 11-Dec-2023 10:10:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D

Injection Date:	10-Dec-2023 01:59:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7	Worklist Smp#:	31
Client ID:	MW-46S_20231205				
Injection Vol:	5.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	31
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D				
Lims ID:	480-215449-A-7-A				
Client ID:	MW-46S_20231205				
Sample Type:	Client				
Inject. Date:	10-Dec-2023 01:59:30	ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Sample Info:	460-0169925-031				
Operator ID:		Instrument ID:	CBNAMS16		
Method:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m				
Limit Group:	SV 8270E ICAL				
Last Update:	11-Dec-2023 09:56:12	Calib Date:	17-Oct-2023 12:32:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1677				

First Level Reviewer: U6BX Date: 10-Dec-2023 17:26:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	2.17	108.37
$ 53 2-Fluorobiphenyl	10.0	2.39	119.33
$ 97 Terphenyl-d14	10.0	2.25	112.49

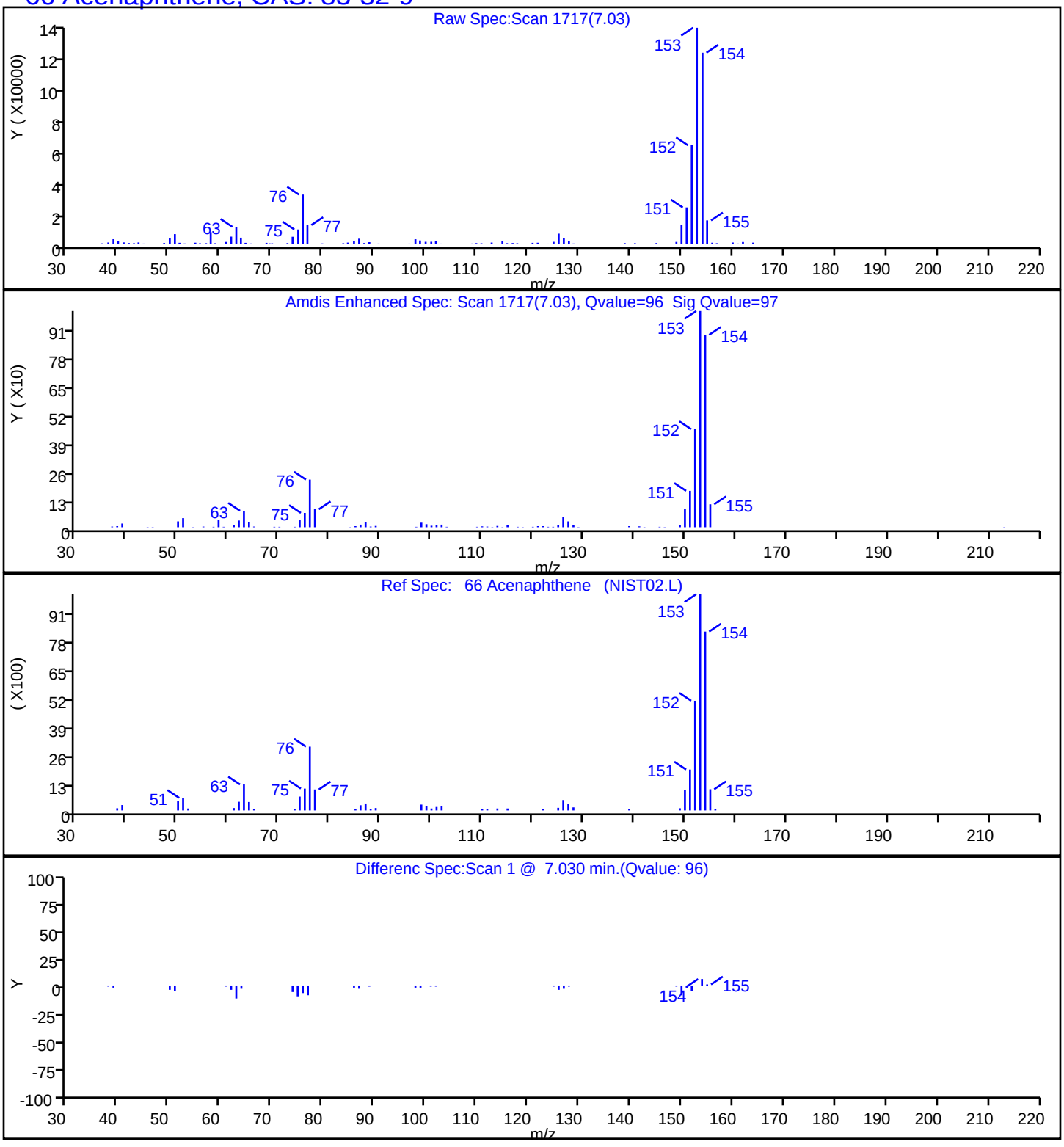
Report Date: 11-Dec-2023 10:10:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D

Injection Date:	10-Dec-2023 01:59:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

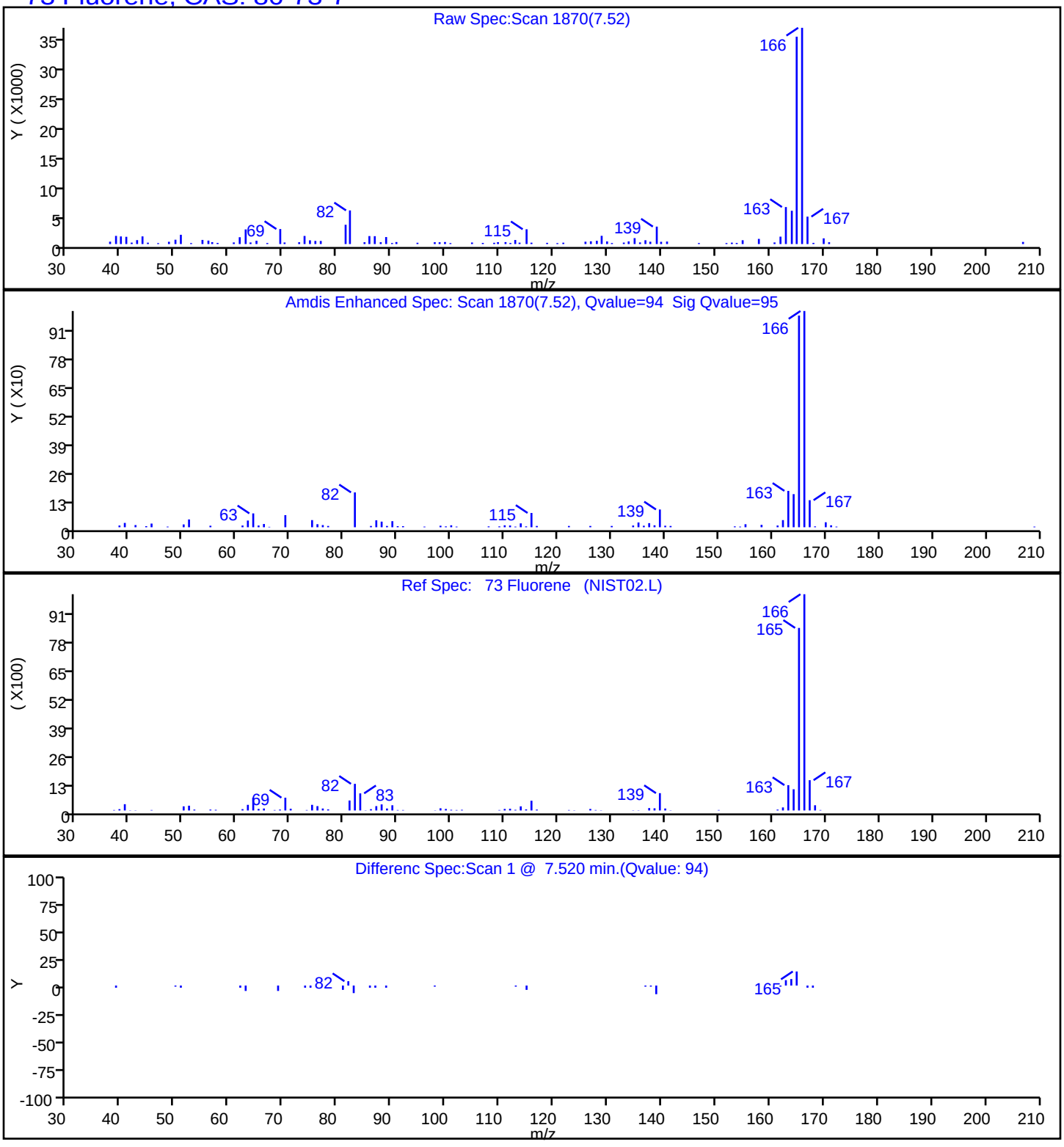


Report Date: 11-Dec-2023 10:10:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D				
Injection Date:	10-Dec-2023 01:59:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7



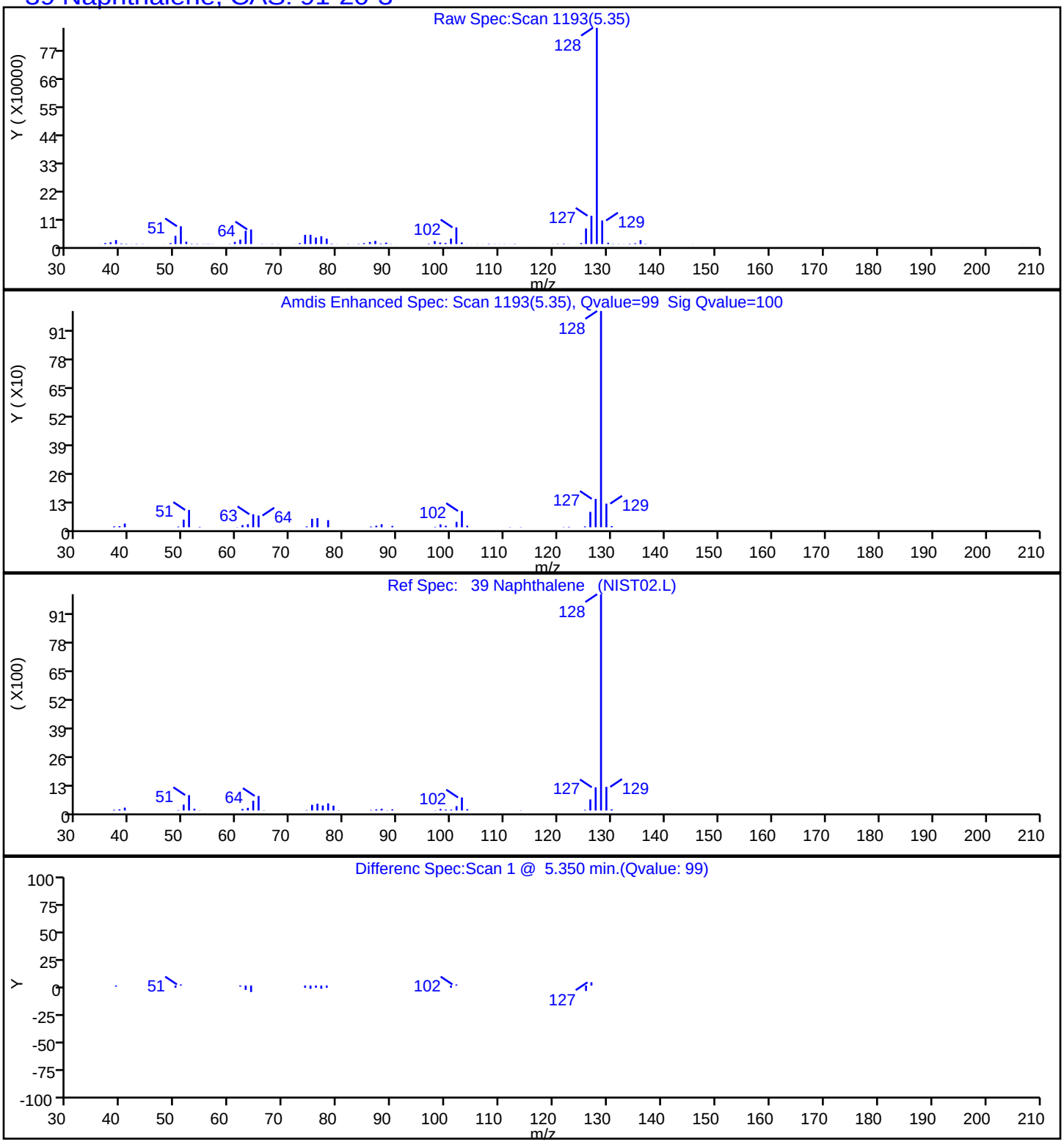
Report Date: 11-Dec-2023 10:10:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D

Injection Date:	10-Dec-2023 01:59:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

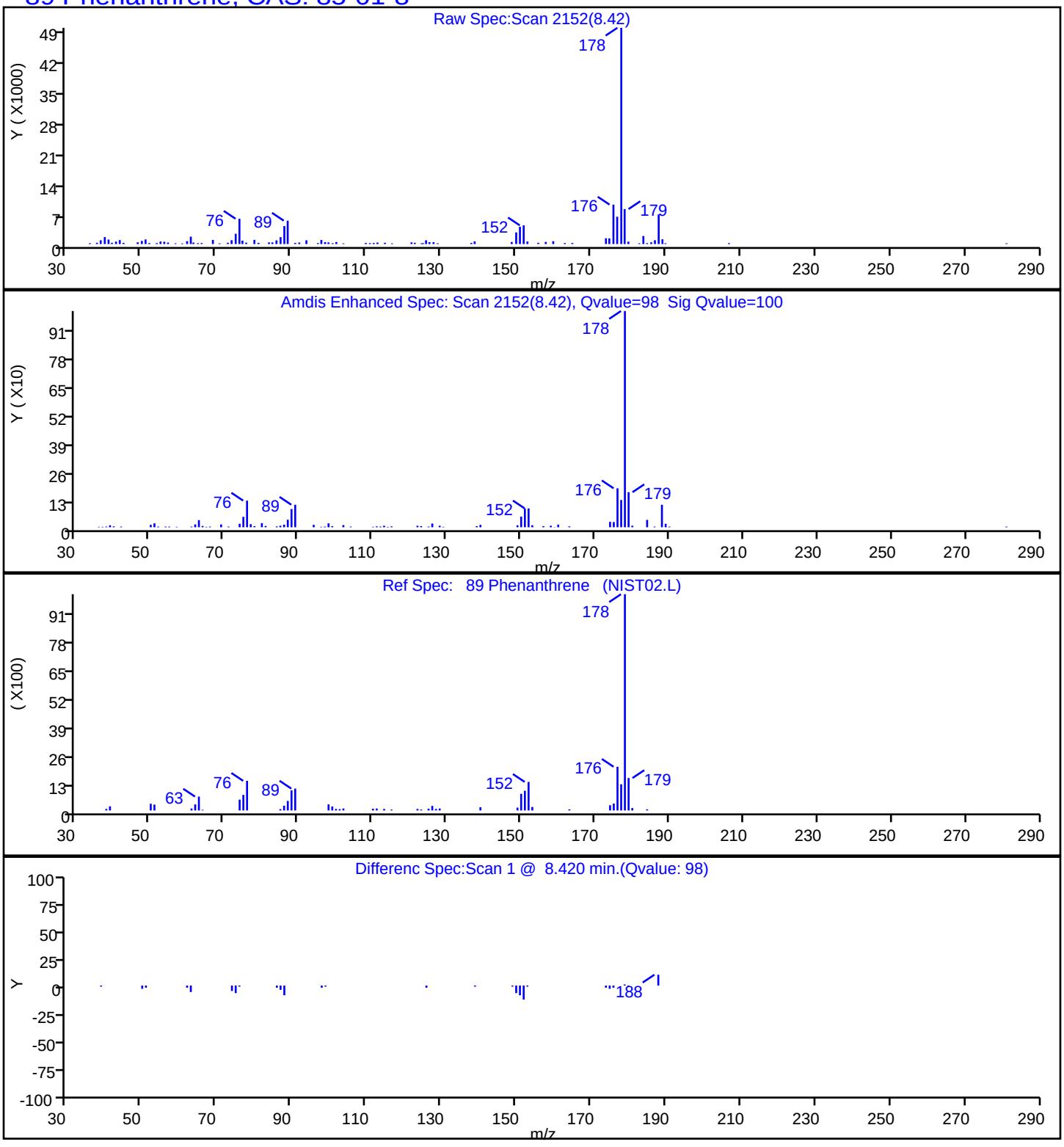
39 Naphthalene, CAS: 91-20-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29365.D				
Injection Date:	10-Dec-2023 01:59:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 | Lab Sample ID: 480-215449-8

Matrix: Water | Lab File ID: A29354.D

Analysis Method: 8270E | Date Collected: 12/05/2023 10:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 22:08

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	21		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	2.3	J	10	0.91
91-20-3	Naphthalene	27		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	110		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	105		51-145
1718-51-0	Terphenyl-d14 (Surr)	120		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D
Lims ID: 480-215449-A-8-A
Client ID: MW-48S_20231205
Sample Type: Client
Inject. Date: 09-Dec-2023 22:08:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-020
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.862	2.862	0.000	95	331168	4.85	
$ 6 Phenol-d5	99	3.763	3.765	-0.002	0	264521	3.21	
10 Benzonitrile	103	3.945	3.871	0.074	58	12019	NC	
* 14 1,4-Dichlorobenzene-d4	152	4.108	4.111	-0.003	96	386207	8.00	
$ 27 Nitrobenzene-d5	82	4.645	4.648	-0.003	87	861829	10.5	
* 38 Naphthalene-d8	136	5.332	5.336	-0.004	99	1573783	8.00	
39 Naphthalene	128	5.351	5.355	-0.004	99	774532	3.41	
46 2-Methylnaphthalene	142	6.016	6.020	-0.004	87	177742	1.27	
47 1-Methylnaphthalene	142	6.109	6.113	-0.004	94	465086	3.61	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1725973	11.0	
54 1,1'-Biphenyl	154	6.464	6.465	-0.001	96	19548	0.1077	
58 1,3-Dimethylnaphthalene	156	6.685	6.689	-0.004	96	86855	0.8044	
* 64 Acenaphthene-d10	164	6.998	7.003	-0.005	96	855511	8.00	
66 Acenaphthene	154	7.030	7.035	-0.005	96	352691	2.66	
73 Fluorene	166	7.517	7.522	-0.005	93	44360	0.2860	
$ 80 2,4,6-Tribromophenol	330	7.744	7.749	-0.005	93	350597	14.8	
77 1-Naphthylamine	143	7.744	7.795	-0.056	80	84304	NC	
86 2-Naphthylamine	143	8.394	8.393	-0.004	42	406	NC	
* 88 Phenanthrene-d10	188	8.394	8.399	-0.005	99	1569395	8.00	
89 Phenanthrene	178	8.416	8.422	-0.006	98	78951	0.3543	
$ 97 Terphenyl-d14	244	9.913	9.917	-0.004	97	1727957	12.0	
* 103 Chrysene-d12	240	10.952	10.964	-0.012	99	1042948	8.00	
* 110 Perylene-d12	264	12.717	12.725	-0.008	98	911687	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

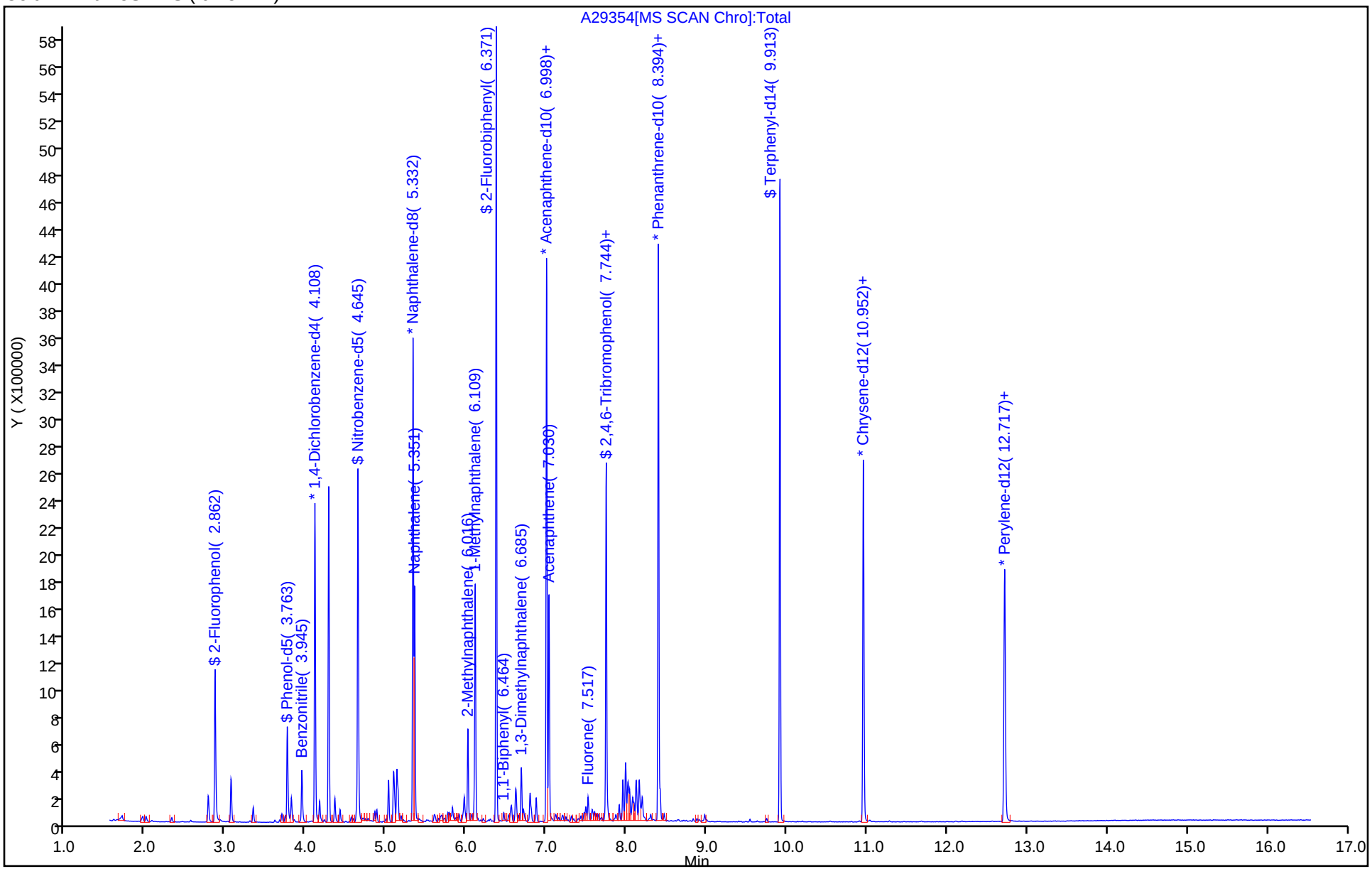
Report Date: 11-Dec-2023 10:03:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D

Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8	Worklist Smp#:	20
Client ID:	MW-48S_20231205				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D
Lims ID: 480-215449-A-8-A
Client ID: MW-48S_20231205
Sample Type: Client
Inject. Date: 09-Dec-2023 22:08:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-020
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.85	48.52
$ 6 Phenol-d5	10.0	3.21	32.10
$ 27 Nitrobenzene-d5	10.0	10.5	105.00
$ 53 2-Fluorobiphenyl	10.0	11.0	109.59
$ 80 2,4,6-Tribromophenol	10.0	14.8	148.11
$ 97 Terphenyl-d14	10.0	12.0	119.73

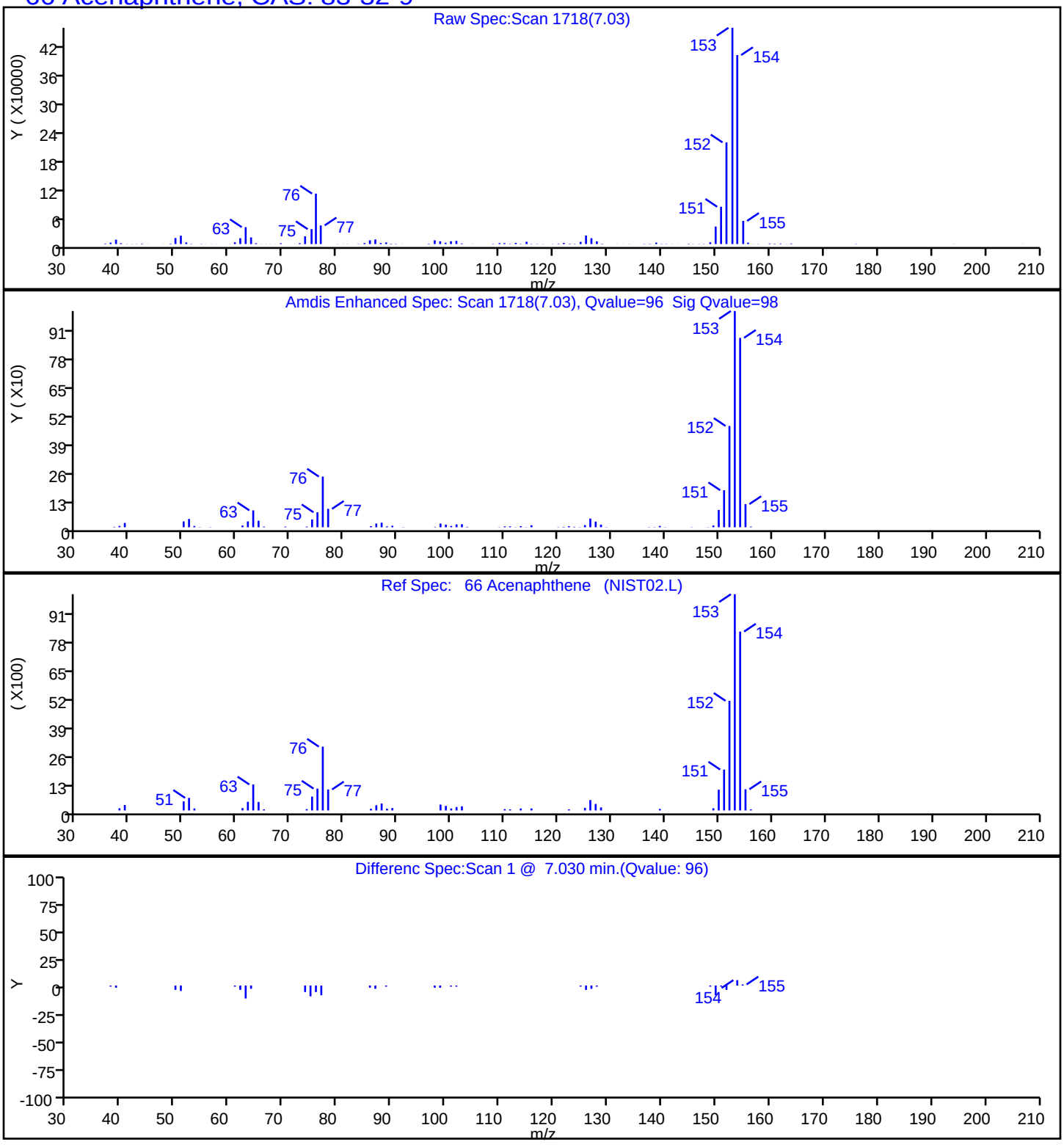
Report Date: 11-Dec-2023 10:03:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D

Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

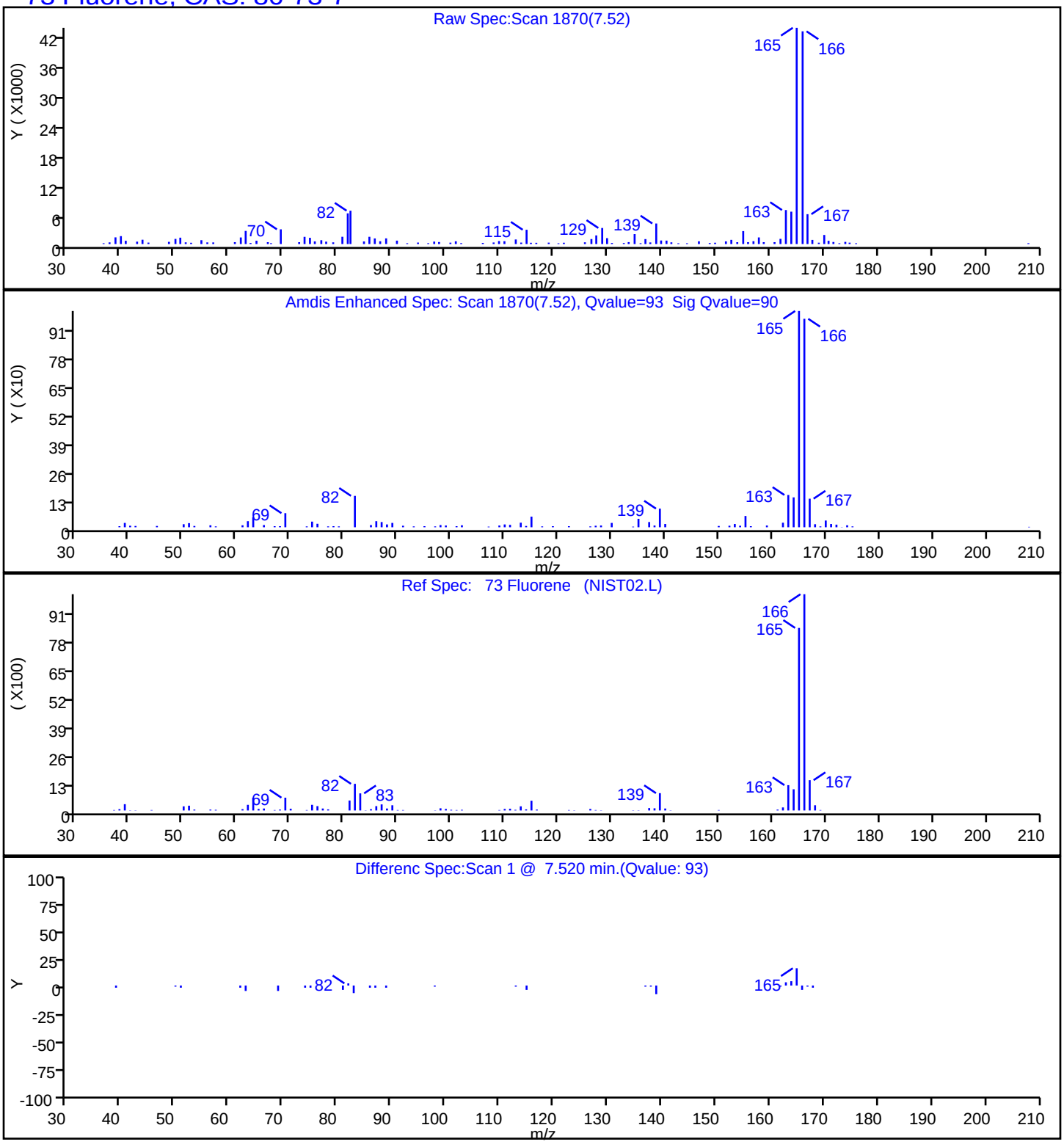


Report Date: 11-Dec-2023 10:03:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D				
Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7



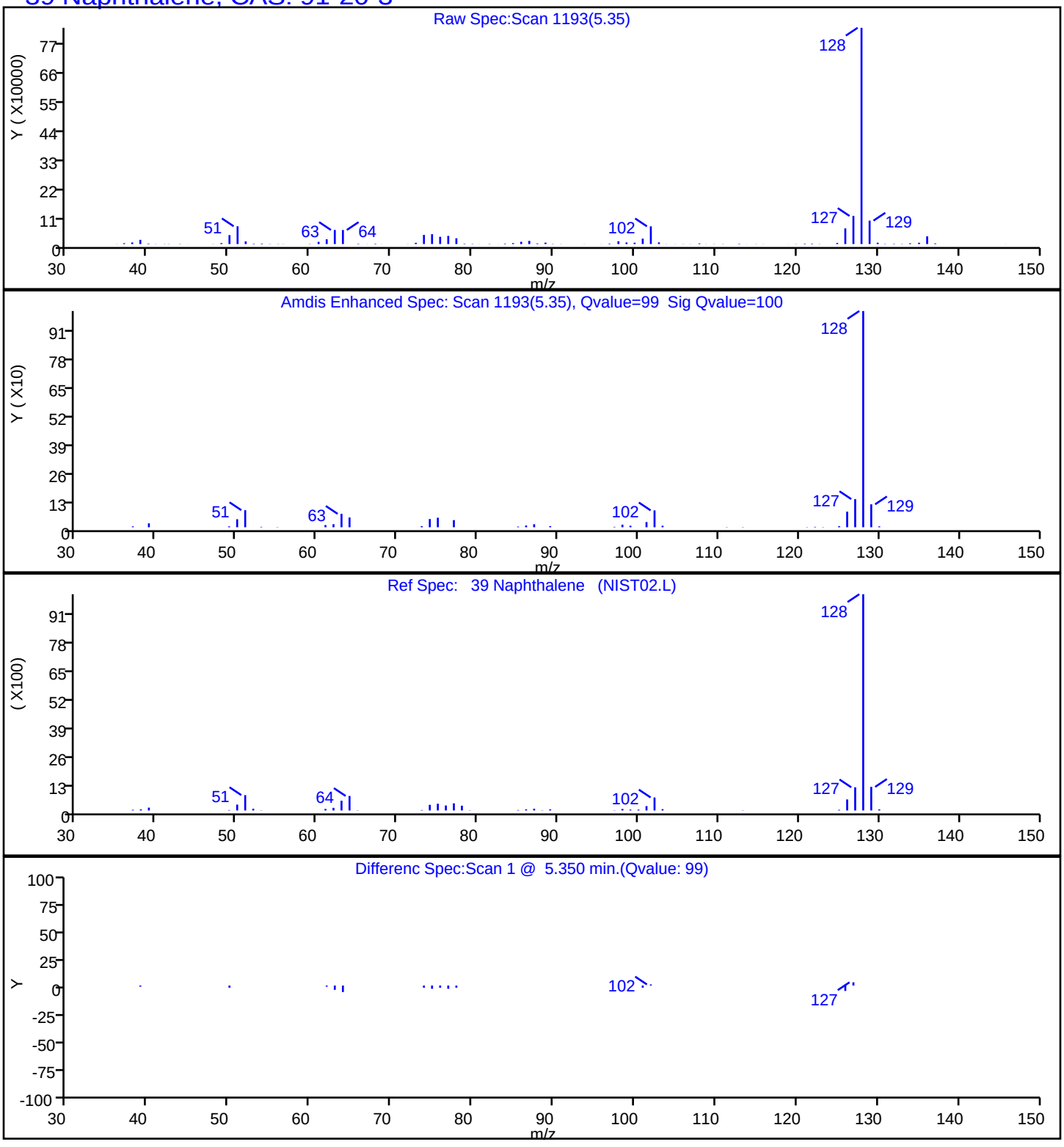
Report Date: 11-Dec-2023 10:03:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D

Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

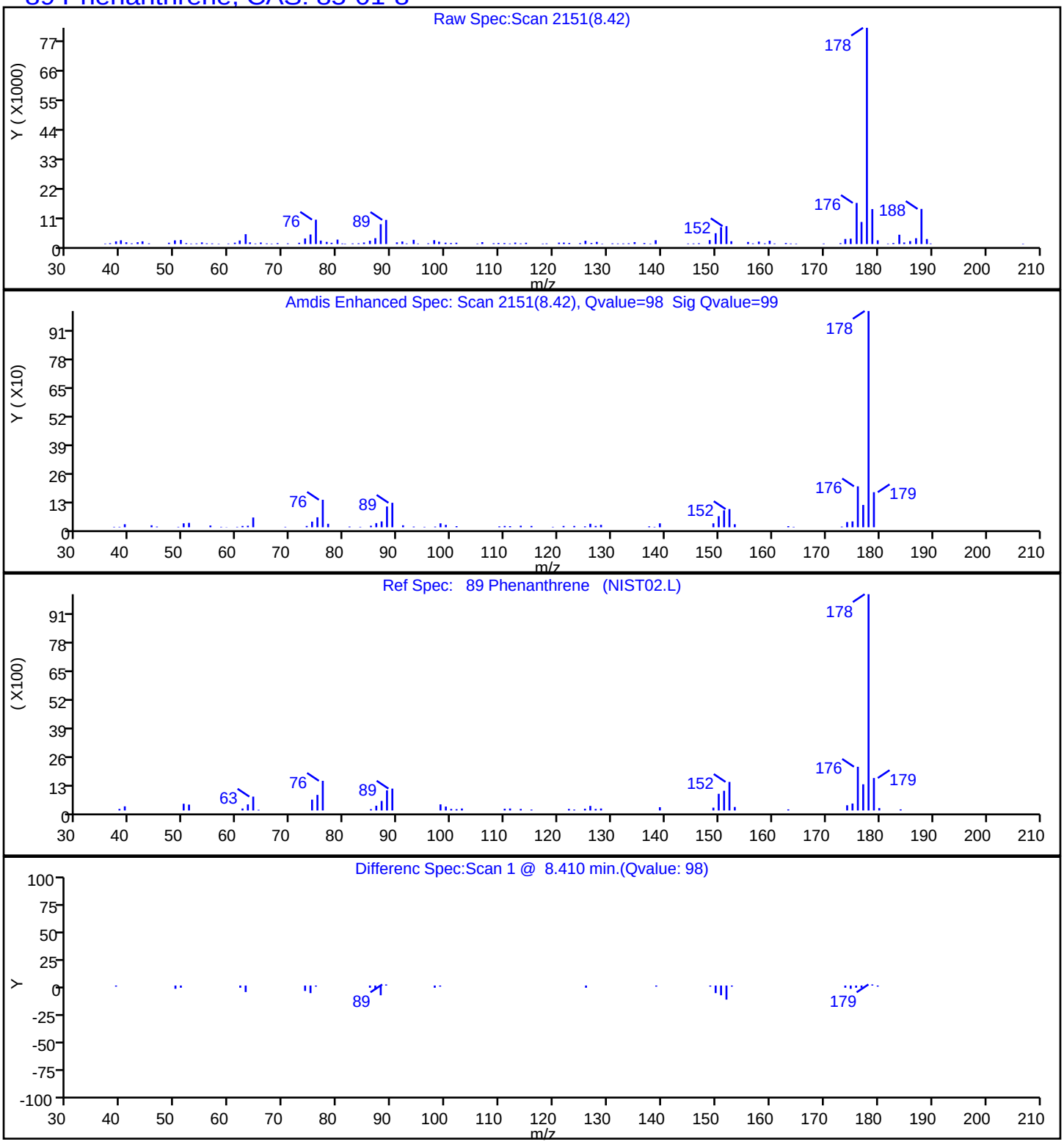
39 Naphthalene, CAS: 91-20-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D				
Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



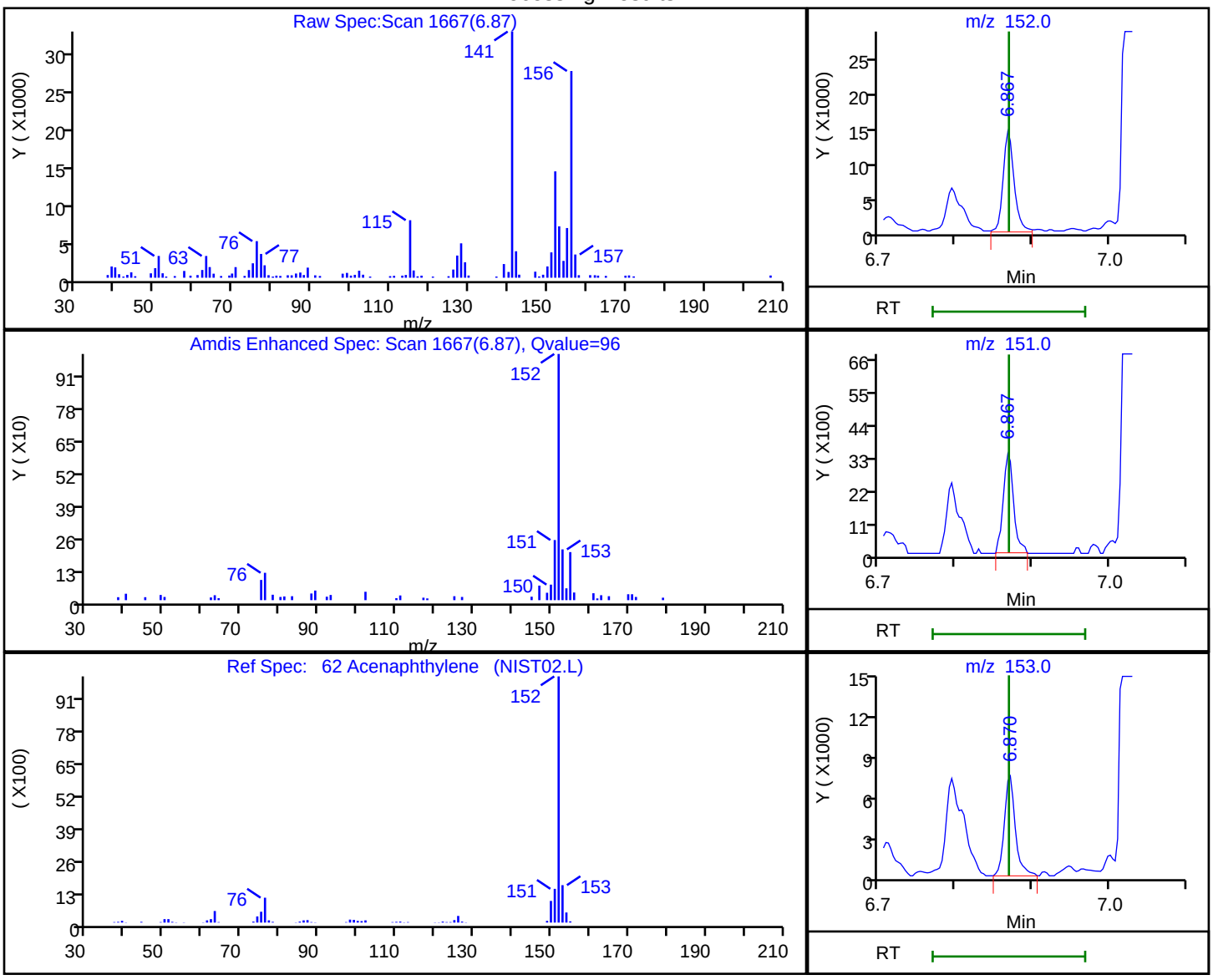
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29354.D				
Injection Date:	09-Dec-2023 22:08:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	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
6.87	152.00	13889	0.061690
6.87	151.00	3214	
6.87	153.00	7174	

Reviewer: U6BX, 10-Dec-2023 17:23:28 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: DUP-1_202312 | Lab Sample ID: 480-215449-9

Matrix: Water | Lab File ID: A29364.D

Analysis Method: 8270E | Date Collected: 12/05/2023 00:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/10/2023 01:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	47	J	50	5.4
208-96-8	Acenaphthylene	4.2	J	50	4.1
120-12-7	Anthracene	50	U	50	6.5
218-01-9	Chrysene	10	U	10	4.5
206-44-0	Fluoranthene	50	U	50	4.2
86-73-7	Fluorene	14	J	50	4.6
91-20-3	Naphthalene	190		10	2.7
85-01-8	Phenanthrene	14	J	50	6.4
129-00-0	Pyrene	50	U	50	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	119		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	108		51-145
1718-51-0	Terphenyl-d14 (Surr)	118		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D
Lims ID: 480-215449-A-9-A
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 10-Dec-2023 01:38:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 5.0000
Sample Info: 460-0169925-030
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:26:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.108	4.111	-0.003	96	310159	8.00	
$ 27 Nitrobenzene-d5	82	4.645	4.648	-0.003	88	133323	2.16	
* 38 Naphthalene-d8	136	5.333	5.336	-0.003	99	1184894	8.00	
39 Naphthalene	128	5.352	5.355	-0.003	99	799513	4.67	
$ 53 2-Fluorobiphenyl	172	6.372	6.376	-0.004	98	261412	2.38	
62 Acenaphthylene	152	6.868	6.869	-0.001	98	16400	0.1045	
* 64 Acenaphthene-d10	164	6.999	7.003	-0.004	96	596418	8.00	
66 Acenaphthene	154	7.028	7.035	-0.007	95	109797	1.19	
73 Fluorene	166	7.517	7.522	-0.005	94	36680	0.3393	
* 88 Phenanthrene-d10	188	8.394	8.399	-0.005	99	1031753	8.00	
89 Phenanthrene	178	8.416	8.422	-0.006	98	49504	0.3379	
95 Pyrene	202	9.744	9.750	-0.006	95	20402	0.1595	
$ 97 Terphenyl-d14	244	9.910	9.917	-0.007	97	234968	2.36	
* 103 Chrysene-d12	240	10.954	10.964	-0.010	99	719091	8.00	
* 110 Perylene-d12	264	12.716	12.725	-0.009	99	843190	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

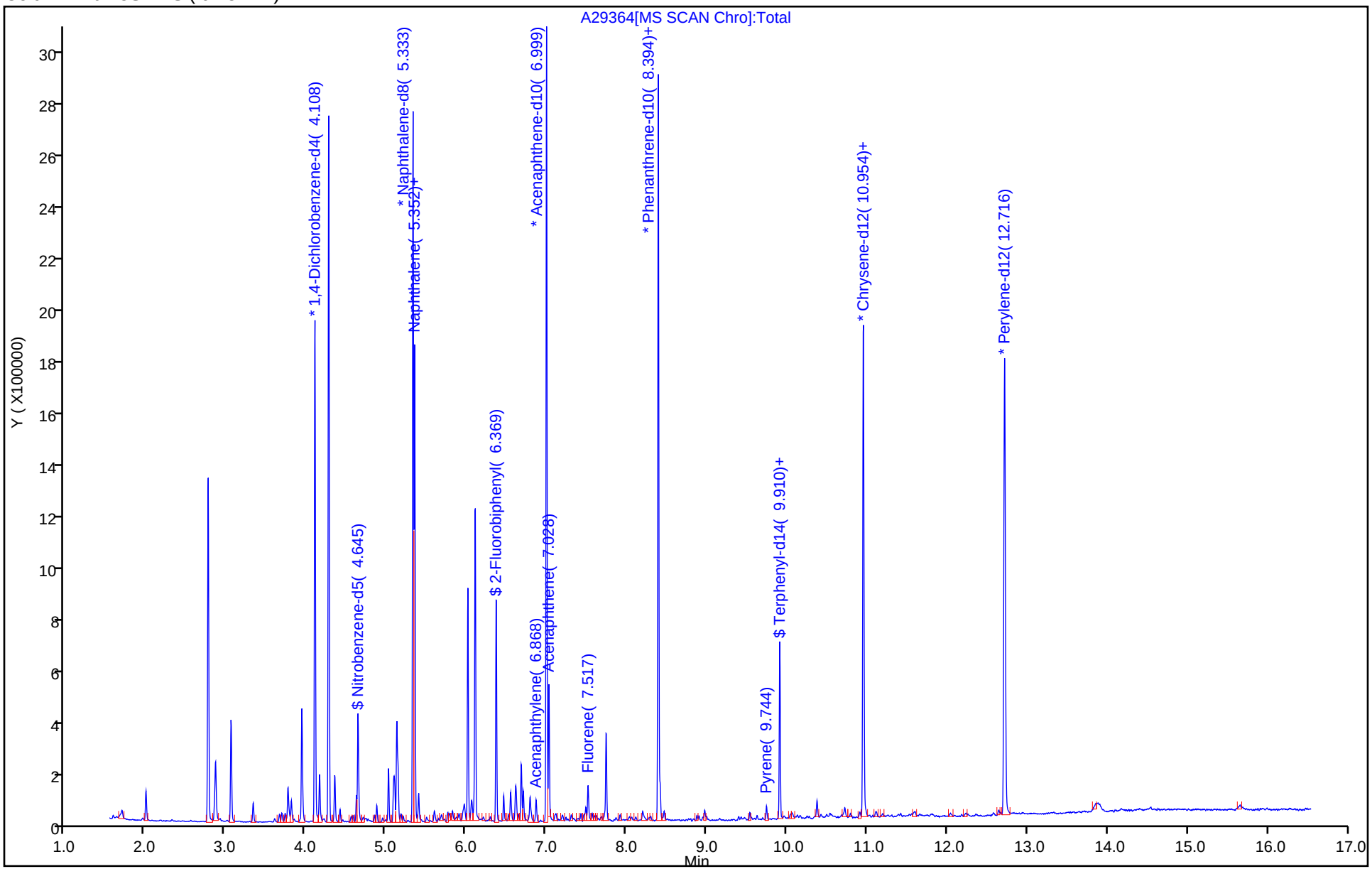
Report Date: 11-Dec-2023 10:09:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D

Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9	Worklist Smp#:	30
Client ID:	DUP-1_202312				
Injection Vol:	5.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	30
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D				
Lims ID:	480-215449-A-9-A				
Client ID:	DUP-1_202312				
Sample Type:	Client				
Inject. Date:	10-Dec-2023 01:38:30	ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Sample Info:	460-0169925-030				
Operator ID:		Instrument ID:	CBNAMS16		
Method:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m				
Limit Group:	SV 8270E ICAL				
Last Update:	11-Dec-2023 09:56:12	Calib Date:	17-Oct-2023 12:32:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1677				

First Level Reviewer: U6BX Date: 10-Dec-2023 17:26:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 27 Nitrobenzene-d5	10.0	2.16	107.88
$ 53 2-Fluorobiphenyl	10.0	2.38	119.05
$ 97 Terphenyl-d14	10.0	2.36	118.07

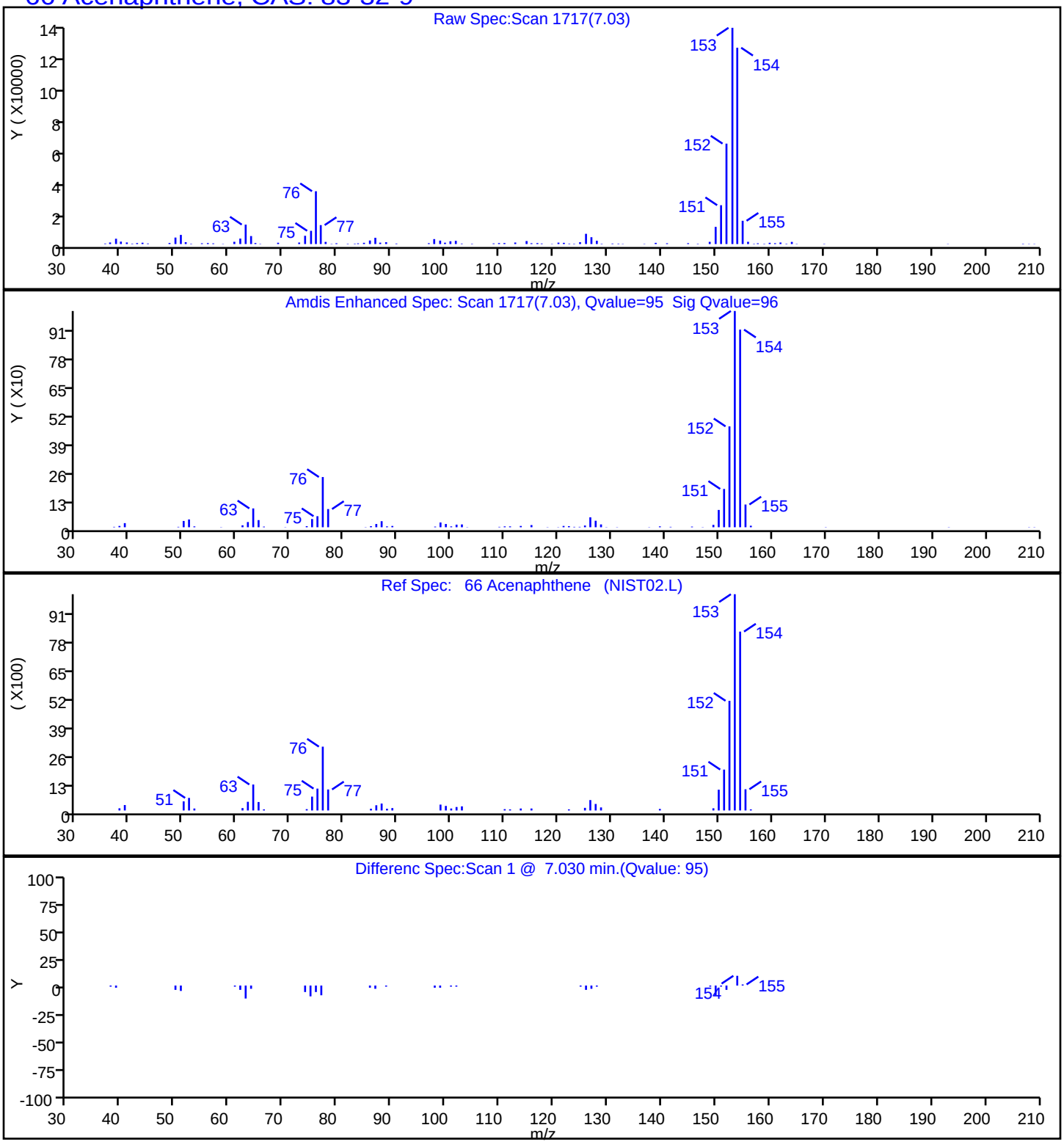
Report Date: 11-Dec-2023 10:09:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D

Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9



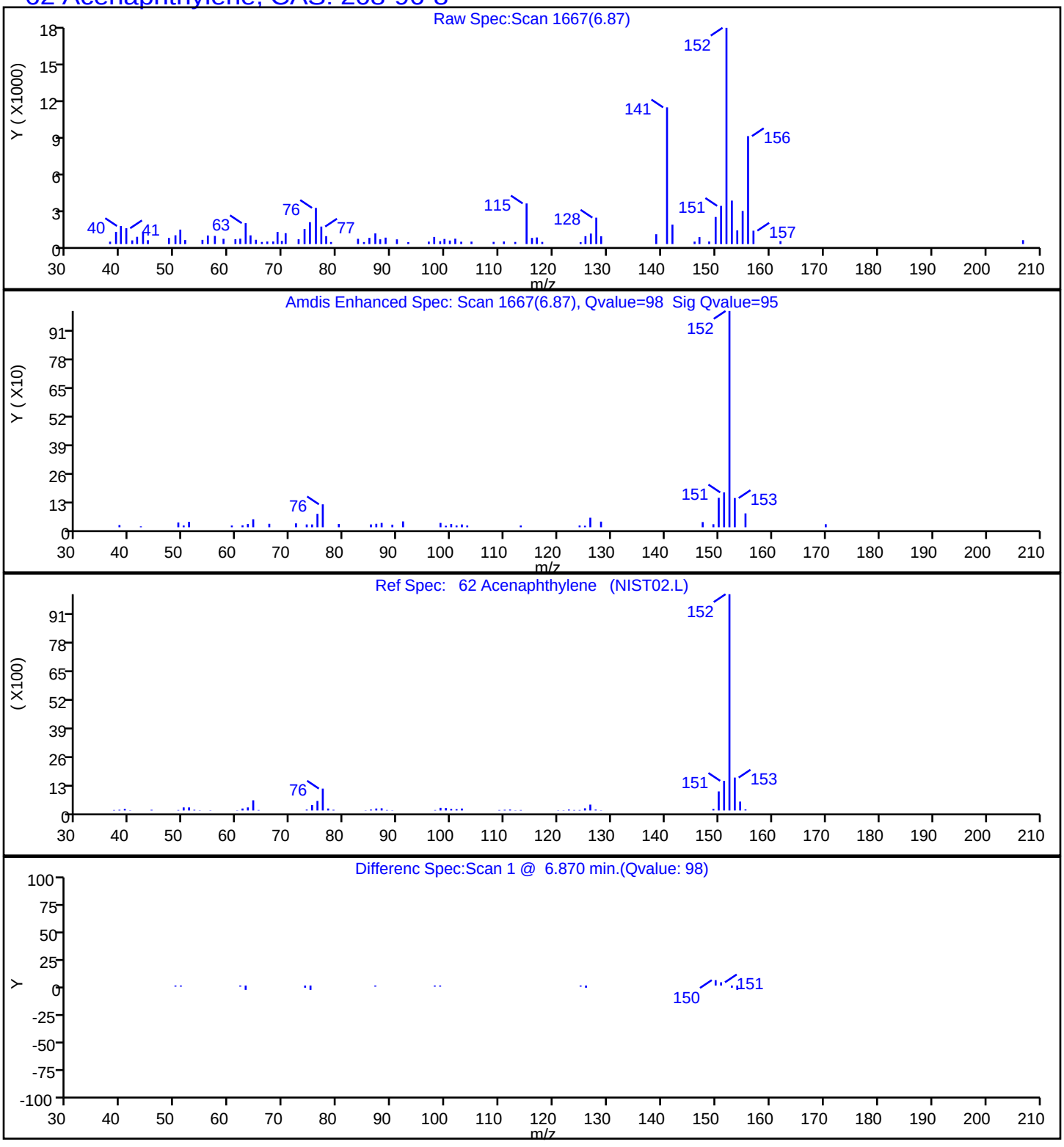
Report Date: 11-Dec-2023 10:09:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D

Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8



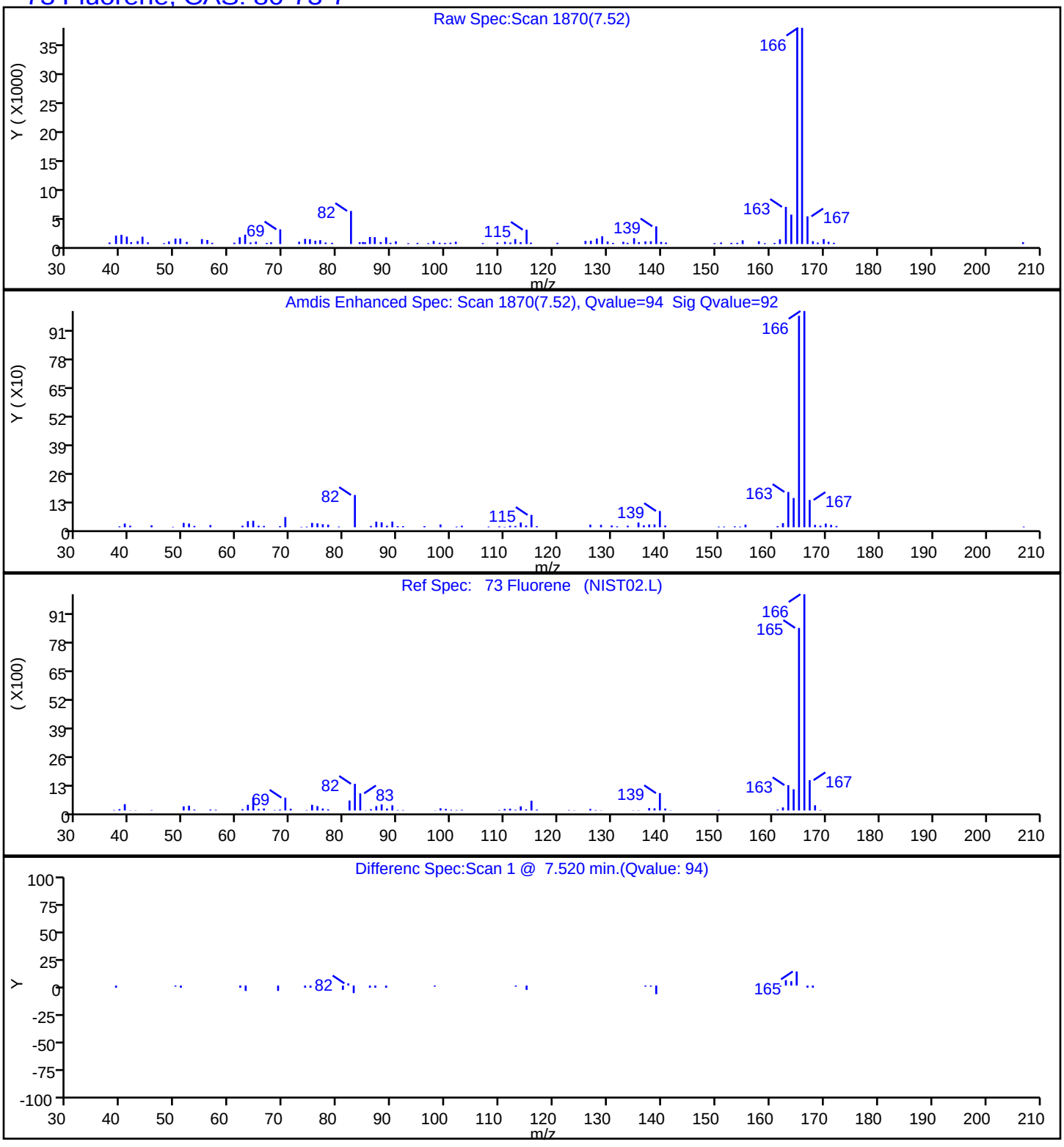
Report Date: 11-Dec-2023 10:09:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D

Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 Fluorene, CAS: 86-73-7



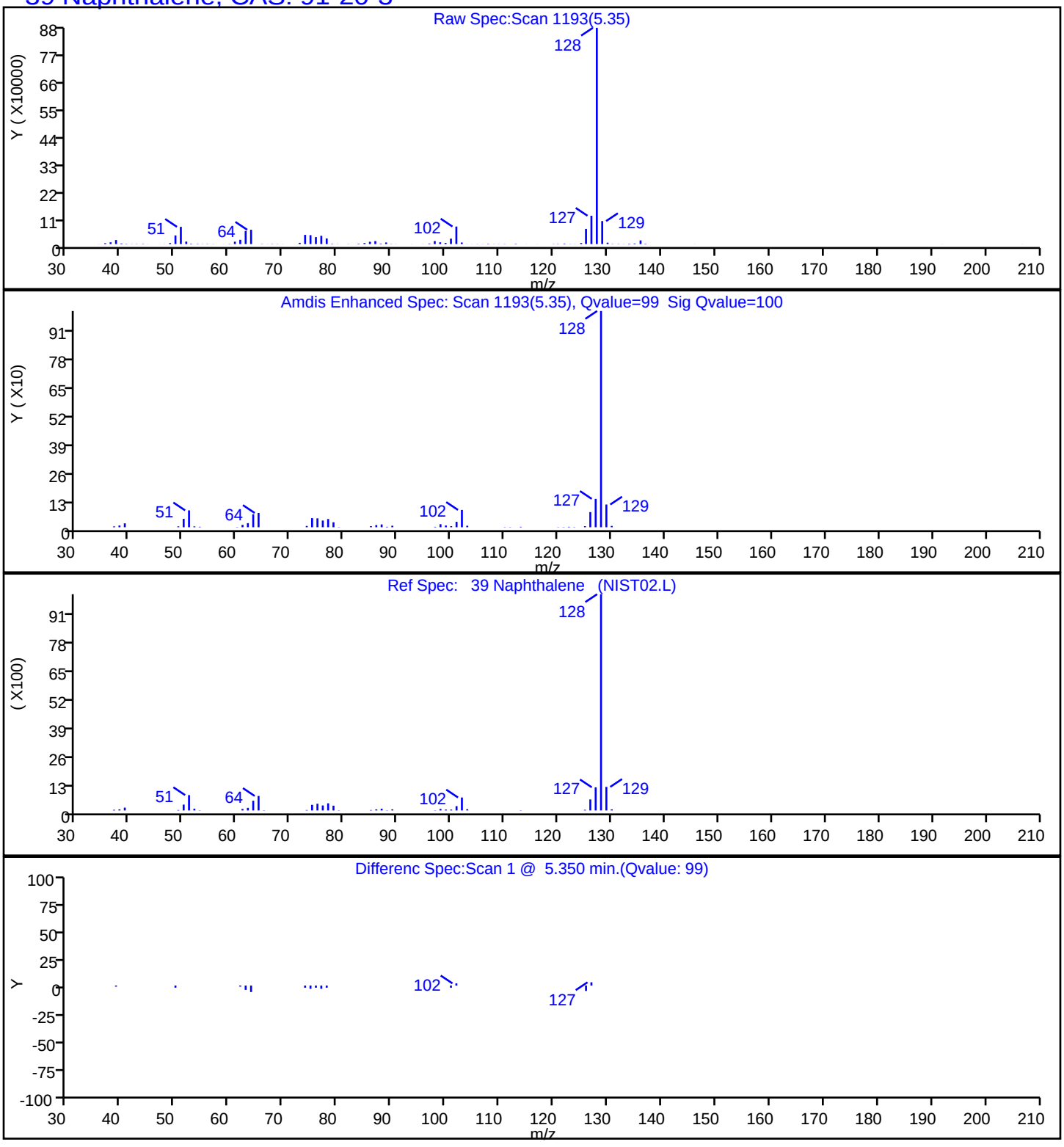
Report Date: 11-Dec-2023 10:09:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D

Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

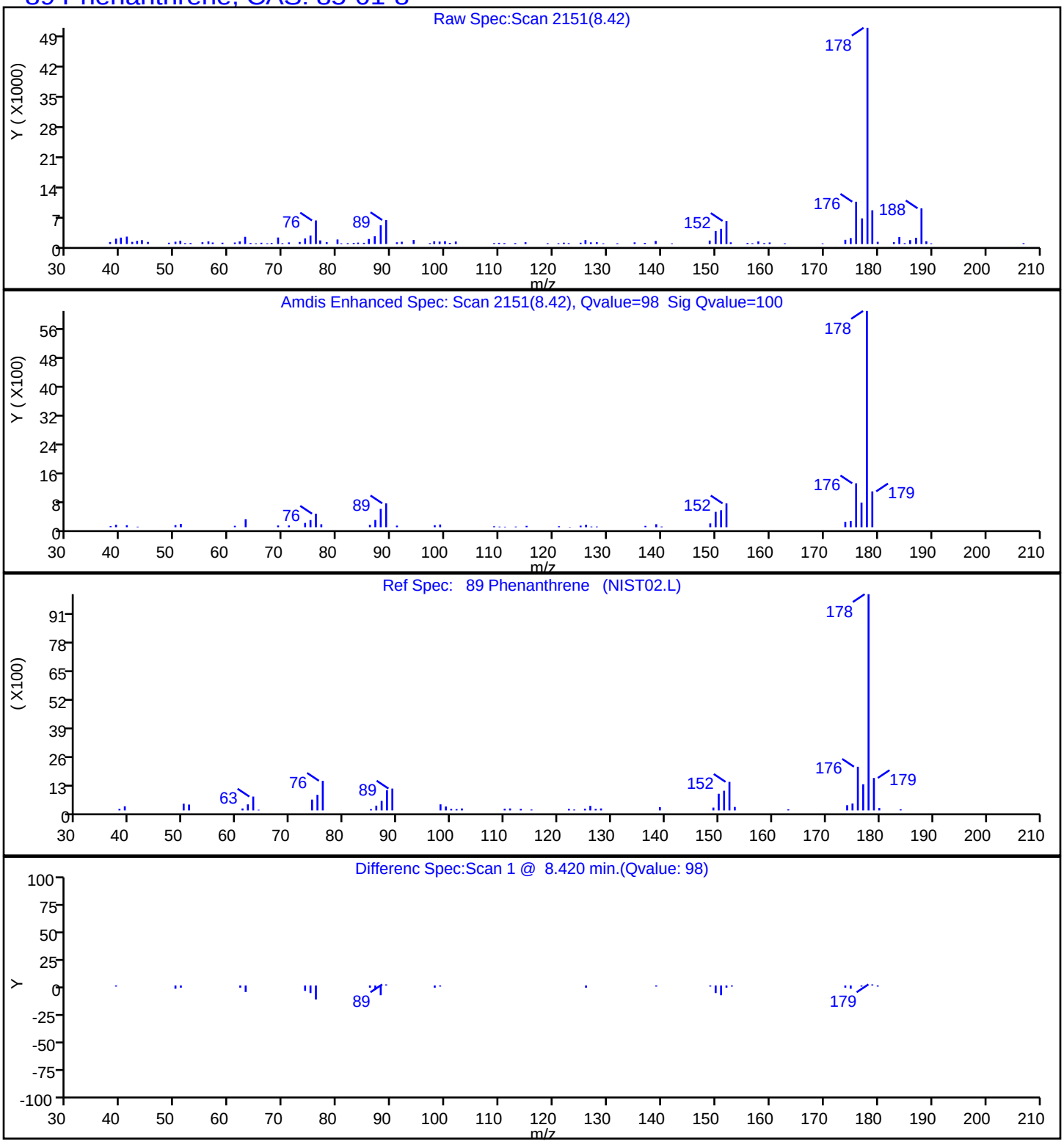
39 Naphthalene, CAS: 91-20-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29364.D				
Injection Date:	10-Dec-2023 01:38:30	Instrument ID:	CBNAMS16		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	5.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-938666/10	A28074.D
Level 2	STD02 460-938666/9	A28072.D
Level 3	STD04 460-938666/8	A28070.D
Level 4	STD1 460-938666/7	A28068.D
Level 5	STD2 460-938666/6	A28066.D
Level 6	STD4 460-938666/5	A28064.D
Level 7	ICIS 460-938666/11	A28076.D
Level 8	STD16 460-938666/4	A28062.D
Level 9	STD24 460-938666/3	A28060.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	0.6739	0.6458	0.6572	0.6527 0.6264	0.6930	Ave		0.6582			0.0100	3.5		20.0			
N-Nitrosodimethylamine	1.1186	1.0540	1.0692	1.1102 1.0406	1.0950	Ave		1.0813			0.0100	2.9		20.0			
Pyridine	1.6056 1.7885	1.4355 1.7266	1.6682	1.7285 1.5706	1.7528	Ave		1.6595			0.0100	7.0		20.0			
Benzaldehyde	1.3968	1.2921 +++++	1.2682 +++++	1.4188 +++++	1.3813	Ave		1.3514			0.0100	5.0		20.0			
Phenol	2.0104	1.8968	1.9750	1.9539 1.9169	2.0049	Ave		1.9597			0.8000	2.4		20.0			
Aniline	2.4376	2.2555	2.3537	2.3459 2.2670	2.3867	Ave		2.3411			0.0100	3.0		20.0			
Bis(2-chloroethyl)ether	1.6355 1.5753	1.4886 1.4642	1.5129	1.5249 1.4604	1.5868	Ave		1.5311			0.7000	4.1		20.0			
2-Chlorophenol	1.5376	1.4091	1.4767	1.5005 1.4166	1.4960	Ave		1.4728			0.8000	3.4		20.0			
n-Decane	2.2299	2.1028	2.1031	2.2711 2.0106	2.2832	Ave		2.1668			0.0100	5.1		20.0			
1,3-Dichlorobenzene	1.6638	1.5439	1.6053	1.6821 1.5450	1.6890	Ave		1.6215			0.0100	4.1		20.0			
1,4-Dichlorobenzene	1.7006	1.5728	1.6417	1.7255 1.5792	1.6953	Ave		1.6525			0.0100	4.0		20.0			
Benzyl alcohol	0.9600	0.8976	0.9456	0.8969 0.9447	0.9167	Ave		0.9269			0.0100	2.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

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	1.6069	1.4767	1.5414	1.5885 1.5042	1.6028	Ave		1.5534			0.0100	3.5		20.0			
2-Methylphenol	1.3857	1.2976	1.3567	1.3606 1.3289	1.3536	Ave		1.3472			0.7000	2.2		20.0			
2,2'-oxybis[1-chloropropane]	2.6948	2.4707	2.4984	2.6932 2.3891	2.7017	Ave		2.5747			0.0100	5.4		20.0			
N-Methylaniline	1.4932 2.3476	2.0051 2.3489	2.4102	2.2201 2.4066	2.3200	Ave		2.1940			0.0100	14.2		20.0			
3 & 4 Methylphenol	1.5980	1.5149	1.5731	1.5322 1.5326	1.5733	Ave		1.5540			0.0100	2.1		20.0			
4-Methylphenol	1.5958	1.5117	1.5669	1.5322 1.5299	1.5733	Ave		1.5516			0.6000	2.1		20.0			
N-Nitrosodi-n-propylamine	1.0339 1.2073	1.0589 1.1335	1.1793	1.1693 1.1367	1.1716	Ave		1.1363			0.5000	5.3		20.0			
Acetophenone	2.1718	2.0007	2.1004	2.1293 2.0498	2.1771	Ave		2.1048			0.0100	3.3		20.0			
Hexachloroethane	0.6264 0.6034	0.6076 0.5733	0.5880	0.6193 0.5704	0.6032	Ave		0.5989			0.3000	3.4		20.0			
Nitrobenzene	0.6106 0.7532	0.5957 0.6839	0.7458	0.7319 0.7244	0.7451	Ave		0.6988			0.2000	9.0		20.0			
n,n'-Dimethylaniline	1.9769 2.2643	2.2763 2.2596	2.3450	2.2463 2.3649	2.2555	Ave		2.2486			0.0100	5.3		20.0			
Isophorone	0.8062	0.6490 0.7467	0.7789	0.7306 0.7557	0.7874	Ave		0.7506			0.4000	6.9		20.0			
2-Nitrophenol	0.2063	0.1907	0.2047	0.1801 0.2007	0.1997	Ave		0.1970			0.1000	5.0		20.0			
2,4-Dimethylphenol	0.3281	0.3035	0.3187	0.3018 0.3106	0.3167	Ave		0.3132			0.2000	3.2		20.0			
Benzoic acid	0.1829	0.1875	0.2363	0.1154 0.2302	0.1435	Lin1	-0.152	0.2320			0.0100	10.9					
Bis(2-chloroethoxy)methane	0.4902	0.4597	0.4746	0.4666 0.4558	0.4730	Ave		0.4700			0.3000	2.6		20.0			
2,4-Dichlorophenol	0.3037	0.2856	0.3014	0.2781 0.2930	0.2907	Ave		0.2921			0.2000	3.3		20.0			
1,2,4-Trichlorobenzene	0.3151 0.3394	0.3083 0.3173	0.3273	0.3364 0.3187	0.3353	Ave		0.3247			0.0100	3.5		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.1507 1.2062	1.1161 1.1164	1.1698	1.1683 1.1248	1.1927	Ave		1.1556			0.7000	3.0		20.0			
4-Chloroaniline	0.3266 0.4686	0.3796 0.4367	0.4592	0.4346 0.4427	0.4630	Ave		0.4264			0.0100	11.5		20.0			
2,6-Dichlorophenol	0.2985	0.2768	0.2947	0.2888 0.2888	0.2936	Ave		0.2902				2.6		20.0			
Hexachlorobutadiene	0.1480 0.1809	0.1641 0.1665	0.1756	0.1772 0.1757	0.1787	Ave		0.1708			0.0100	6.4		20.0			
Caprolactam	0.0925	0.0401 0.0844	0.0490 0.0946	0.0779 0.0954	0.0918	Lin2	-0.012	0.0931			0.0100				0.9920		0.9900
4-Chloro-3-methylphenol	0.3099	0.2934	0.3070	0.2676 0.2930	0.2922	Ave		0.2938			0.2000	5.1		20.0			
2-Methylnaphthalene	0.7458	0.6804 0.6904	0.7172	0.7103 0.6993	0.7282	Ave		0.7102			0.4000	3.2		20.0			
1-Methylnaphthalene	0.6897	0.6165 0.6392	0.6597	0.6592 0.6418	0.6746	Ave		0.6544			0.0100	3.7		20.0			
Hexachlorocyclopentadiene	0.4453	0.3960	0.4316	0.4160 0.4377	0.4201	Ave		0.4244			0.0500	4.2		20.0			
1,2,4,5-Tetrachlorobenzene	0.6416	0.5881	0.6259	0.6368 0.6154	0.6236	Ave		0.6219			0.0100	3.1		20.0			
2-tertbutyl-4-methylphenol	0.4193	0.3192 0.4148	0.4305	0.3693 0.4359	0.3931	Ave		0.3974			0.0100	10.4		20.0			
2,4,6-Trichlorophenol	0.4166	0.2808 0.3763	0.4016	0.3648 0.3848	0.3905	Ave		0.3736			0.2000	11.8		20.0			
2,4,5-Trichlorophenol	0.4405	0.4140	0.4348	0.4025 0.4291	0.4137	Ave		0.4224			0.2000	3.5		20.0			
1,1'-Biphenyl	1.7757	1.6327	1.7140	1.6640 1.6681	1.7332	Ave		1.6980			0.0100	3.1		20.0			
2-Chloronaphthalene	1.3478	1.2414	1.3026	1.2876 1.2705	1.3045	Ave		1.2924			0.8000	2.8		20.0			
Phenyl ether	0.8973	0.8798	0.9159	0.8796 0.9139	0.8546	Ave		0.8902			0.0100	2.6		20.0			
2-Nitroaniline	0.5297	0.5026	0.5259	0.4788 0.5081	0.5207	Ave		0.5110			0.0100	3.7		20.0			
1,3-Dimethylnaphthalene	1.0079	1.0095	1.0386	0.9600 1.0478	0.9945	Ave		1.0097			0.0100	3.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

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	1.4362	1.3084	1.3704	1.3553 1.3324	1.3979	Ave		1.3668			0.0100	3.4		20.0			
Coumarin	0.2296	0.2302	0.2332	0.2074 0.2317	0.2238	Ave		0.2260			0.0100	4.3		20.0			
2,6-Dinitrotoluene	0.3244	0.2616 0.3023	0.3189	0.2938 0.3132	0.3187	Ave		0.3047			0.2000	7.1		20.0			
Acenaphthylene	2.2062	2.0782	2.1237	2.0558 2.0266	2.1416	Ave		2.1053			0.9000	3.1		20.0			
3-Nitroaniline	0.3678	0.3474	0.3640	0.3170 0.3463	0.3556	Ave		0.3497			0.0100	5.2		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0617	1.0866	1.1491	1.0033 1.1820	1.0475	Ave		1.0884			0.0100	6.1		20.0			
Acenaphthene	1.2907	1.1960	1.2468	1.2360 1.2328	1.2426	Ave		1.2408			0.9000	2.4		20.0			
2,4-Dinitrophenol	0.1966	0.1921	0.2230	0.1452 0.2191	0.1701	Ave		0.1910			0.0100	15.5		20.0			
4-Nitrophenol	0.3071	0.2973	0.3037	0.2673 0.2890	0.2951	Ave		0.2933			0.0100	4.9		20.0			
2,4-Dinitrotoluene	0.4136	0.2413 0.3995	0.4106	0.3762 0.3980	0.4119	Ave		0.3787			0.2000	16.4		20.0			
Dibenzofuran	1.8828	1.7303	1.7949	1.8230 1.7457	1.8613	Ave		1.8063			0.8000	3.4		20.0			
2,3,4,6-Tetrachlorophenol	0.3432	0.3251	0.3460	0.2993 0.3372	0.3244	Ave		0.3292			0.0100	5.2		20.0			
Diethyl phthalate	1.3612	1.2694	1.3321	1.2964 1.2968	1.3566	Ave		1.3187			0.0100	2.8		20.0			
Fluorene	1.5094	1.3922	1.4634	1.4458 1.4109	1.4794	Ave		1.4502			0.9000	3.0		20.0			
4-Chlorophenyl phenyl ether	0.6981	0.6447	0.6823	0.6500 0.6720	0.6842	Ave		0.6719			0.4000	3.1		20.0			
4-Nitroaniline	0.3697	0.3552	0.3625	0.3185 0.3476	0.3516	Ave		0.3509			0.0100	5.0		20.0			
4,6-Dinitro-2-methylphenol	0.1397	0.1369	0.1521	0.1096 0.1533	0.1273	Ave		0.1365			0.0100	12.0		20.0			
N-Nitrosodiphenylamine	0.6163	0.5695	0.5934	0.5732 0.5839	0.5883	Ave		0.5874			0.0100	2.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

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	0.9753	0.9288	0.9702	0.9303 0.9523	0.9438	Ave		0.9501			0.0100	2.1		20.0			
Azobenzene	0.9749	0.9288	0.9704	0.9303 0.9525	0.9437	Ave		0.9501				2.1		20.0			
4-Bromophenyl phenyl ether	0.2192	0.1907	0.2256	0.1935 0.2182	0.2104	Ave		0.2096			0.1000	6.9		20.0			
Hexachlorobenzene	0.2653 0.2812	0.2639 0.2682	0.2823	0.2722 0.2792	0.2779	Ave		0.2738			0.1000	2.7		20.0			
Atrazine	0.1900	0.1403 0.1817	0.1484 0.2050	0.1745 0.2053	0.1808	Ave		0.1783			0.0100	13.3		20.0			
Pentachlorophenol	0.1666	0.1618	0.1803	0.1377 0.1868	0.1550	Ave		0.1647			0.0500	10.7		20.0			
Pentachloronitrobenzene	0.0861	0.0872	0.0923	0.0765 0.0918	0.0813	Ave		0.0859			0.0100	7.1		20.0			
n-Octadecane	0.6774	0.6477	0.6794	0.6141 0.6542	0.6608	Ave		0.6556			0.0100	3.6		20.0			
Phenanthrene	1.1750	1.0940	1.1469	1.1322 1.1149	1.1528	Ave		1.1360			0.7000	2.5		20.0			
Anthracene	1.1920	1.1315	1.1871	1.1168 1.1371	1.1677	Ave		1.1554			0.7000	2.7		20.0			
Carbazole	1.0578	1.0233	1.0623	0.9702 1.0162	1.0442	Ave		1.0290			0.0100	3.3		20.0			
Di-n-butyl phthalate	1.1598	1.1779	1.2492	0.9960 1.2259	1.1118	Ave		1.1534			0.0100	7.9		20.0			
Fluoranthene	1.1411	0.9284 1.1063	1.1654	1.0516 1.1459	1.1035	Ave		1.0917			0.6000	7.4		20.0			
Benzidine	0.5641	0.4549	0.6486	0.4532 0.6389	0.5279	Ave		0.5479			0.0100	15.6		20.0			
Pyrene	1.5447	1.2462 1.3713	1.4534	1.4556 1.3923	1.5002	Ave		1.4234			0.6000	6.9		20.0			
Bisphenol-A	0.4753	0.4935	0.5436	0.3109 0.5542	0.3923	Lin2	-0.246	0.5416							0.9970		0.9900
Butyl benzyl phthalate	0.5599	0.5534	0.6033	0.4351 0.6048	0.5075	Ave		0.5440			0.0100	11.8		20.0			
2,3,7,8-TCDD		0.1909				Ave		0.1909			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.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

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	0.3728	0.4169	0.4983	0.2509 0.5127	0.3133	Lin1	-0.346	0.5069			0.0100	11.9					
3,3'-Dichlorobenzidine	0.4684	0.2804 0.4430	0.5275	0.3861 0.5199	0.4308	Ave		0.4366			0.0100	19.4		20.0			
Benzo[a]anthracene	1.2877 1.3264	1.1977 1.2370	1.2953	1.2364 1.2815	1.2926	Ave		1.2693			0.8000	3.3		20.0			
Chrysene	1.2541	1.1901 1.1614	1.2211	1.2041 1.1986	1.2058	Ave		1.2050			0.7000	2.4		20.0			
Bis(2-ethylhexyl) phthalate	0.8066	0.4413 0.7905	0.8523	0.6088 0.8391	0.7101	Lin2	-0.076	0.7968			0.0100				0.9930		0.9900
Di-n-octyl phthalate	1.2097	1.2136	1.3233	0.7989 1.3286	1.0022	Ave		1.1460			0.0100	18.1		20.0			
Benzo[b]fluoranthene	1.0533 1.2220	1.0067 1.1835	1.1994	1.0959 1.2198	1.2024	Ave		1.1479			0.7000	7.3		20.0			
Benzo[k]fluoranthene	0.9993 1.3289	1.0115 1.2213	1.2964	1.1958 1.2466	1.2632	Ave		1.1954			0.7000	10.4		20.0			
Benzo[a]pyrene	0.7289 1.0861	0.7727 1.0287	1.1154	0.9285 1.1333	1.0246	Ave		0.9773			0.7000	15.8		20.0			
Indeno[1,2,3-cd]pyrene	0.8661 1.1408	0.8337 1.0540	1.1653	0.9909 1.2388	1.0768	Ave		1.0458			0.5000	13.6		20.0			
Dibenz(a,h)anthracene	0.9361 1.2673	0.9528 1.1925	1.3032	1.1141 1.3383	1.2031	Ave		1.1634			0.4000	13.1		20.0			
Benzo[g,h,i]perylene	1.3004	1.1836	1.2821	1.1835 1.3555	1.2589	Ave		1.2606			0.5000	5.4		20.0			
2-Fluorophenol (Surr)	1.4118	1.2344 1.4121	1.4906	1.3837 1.5083	1.4558	Ave		1.4138			0.0100	6.4		20.0			
Phenol-d5 (Surr)	1.2424 1.8120	1.5262 1.7496	1.8626	1.7765 1.9023	1.7852	Ave		1.7071			0.0100	12.8		20.0			
Nitrobenzene-d5 (Surr)	0.3851 0.4385	0.3549 0.4179	0.4448	0.4149 0.4524	0.4293	Ave		0.4172			0.0100	7.9		20.0			
2-Fluorobiphenyl	1.2940 1.5044	1.4405 1.4393	1.5459	1.4822 1.5853	1.4901	Ave		1.4727			0.0100	5.9		20.0			
2,4,6-Tribromophenol (Surr)	0.2308	0.1402 0.2126	0.2596	0.2061 0.2636	0.2366	Ave		0.2214			0.0100	18.9		20.0			
Terphenyl-d14 (Surr)	1.0183 1.1468	0.9715 1.0871	1.1730	1.1081 1.2012	1.1500	Ave		1.1070			0.0100	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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-938666/10	A28074.D
Level 2	STD02 460-938666/9	A28072.D
Level 3	STD04 460-938666/8	A28070.D
Level 4	STD1 460-938666/7	A28068.D
Level 5	STD2 460-938666/6	A28066.D
Level 6	STD4 460-938666/5	A28064.D
Level 7	ICIS 460-938666/11	A28076.D
Level 8	STD16 460-938666/4	A28062.D
Level 9	STD24 460-938666/3	A28060.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	123768	272617	462071	31397 645769	64843	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd4	Ave	205453	444917	751808	53404 1072743	102462	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd4	Ave	14247 656957	26646 1457711	2345899	166290 3238319	328034	0.200 8.00	0.400 20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd4	Ave	205240	11992 +++++	25312 +++++	68246 +++++	129249	3.20	0.200 +++++	0.400 +++++	1.00 +++++	2.00
Phenol	DCBd4	Ave	369234	800696	1388662	93990 1976227	187604	4.00	10.0	16.0	1.00 24.0	2.00
Aniline	DCBd4	Ave	447692	952133	1654953	112842 2337137	223333	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd4	Ave	7256 289333	13815 618074	1063730	73354 1505592	148481	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd4	Ave	282406	594822	1038322	72179 1460424	139987	4.00	10.0	16.0	1.00 24.0	2.00
n-Decane	DCBd4	Ave	409548	887655	1478719	109248 2072808	213644	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd4	Ave	305584	651746	1128715	80914 1592736	158043	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd4	Ave	312346	663945	1154334	83000 1628066	158637	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd4	Ave	176309	378916	664843	43145 973876	85777	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd4	Ave	295132	623384	1083827	76413 1550669	149981	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd4	Ave	254500	547752	953905	65447 1369956	126658	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd4	Ave				129552	252805				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.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

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
			494945	1042995	1756678	2463001		4.00	10.0	16.0	24.0	
N-Methylaniline	DCBd4	Ave	6625 431162	18609 991553	1694659	106792 2481012	217084	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd4	Ave	293505	639479	1106095	73703 1580040	147214	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd4	Ave	293086	638135	1101706	73703 1577175	147214	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd4	Ave	4587 221743	9827 478492	829158	56248 1171819	109626	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd4	Ave	398888	844591	1476819	102424 2113149	203715	4.00	10.0	16.0	1.00 24.0	2.00
Hexachloroethane	DCBd4	Ave	2779 110819	5639 242012	413424	29790 588077	56444	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd4	Ave	2709 138342	5529 288702	524422	35205 746824	69721	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd4	Ave	8771 415866	21126 953878	1648795	108051 2438067	211054	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	547730	22736 1157485	2019150	132356 2899215	276368	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	140157	295582	530647	32627 770042	70084	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	222911	470399	826258	54669 1191615	111139	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin1	124245	290679	612672	20902 882964	50365	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	333052	712546	1230259	84531 1748654	166027	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	206312	442685	781373	50381 1124216	102043	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	5210 230590	10802 491831	848462	60944 1222607	117676	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	19023 819436	39102 1730616	3032410	211652 4315108	418613	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	5400 318343	13298 676955	1190508	78726 1698183	162496	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	202807	429013	763874	52313 1108110	103048	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	2446 122884	5748 258104	455224	32093 674052	62704	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Lin2	50286	1405 52325	3686 73581	14104 97592	32236	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.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

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	210547	454858	795852	48472 1123862	102543	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave	506645	23837 1070211	1859324	128683 2682843	255592	4.00	0.200 10.0	16.0	1.00 24.0	2.00
1-Methylnaphthalene	NPT	Ave	468558	21598 990855	1710260	119413 2462111	236758	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	150608	307007	556000	37176 828425	74372	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	217012	455964	806318	56910 1164721	110396	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	284859	11184 642948	1115954	66903 1672103	137987	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	140889	4884 291757	517311	32602 728239	69130	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	148978	320952	560141	35974 812184	73236	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	600577	1265931	2208172	148717 3157301	306820	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	455839	962468	1678162	115078 2404677	230923	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	303494	682177	1179975	78615 1729757	151286	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	179147	389651	677451	42795 961699	92182	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	340903	782671	1338017	85796 1983203	176052	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	485746	1014486	1765508	121122 2521887	247458	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	155988	356905	604592	37576 888847	78541	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	109719	4549 234402	410833	26259 592764	56412	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	746168	1611320	2735911	183730 3835673	379112	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	124401	269381	468908	28328 655531	62953	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	359084	842505	1480385	89668 2237170	185431	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	436522	927320	1606235	110463 2333240	219972	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dinitrophenol	ANT	Ave				25951	60220				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.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

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
			132966	297850	574546	829280		8.00	20.0	32.0	48.0	
4-Nitrophenol	ANT	Ave	207753	460988	782527	47770 1094049	104487	8.00	20.0	32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	139887	4197 309758	528994	33622 753209	72918	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	636807	1341533	2312291	162927 3304097	329491	4.00	10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	116063	252094	445792	26749 638136	57420	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	460387	984225	1716092	115861 2454367	240141	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	510504	1079455	1885212	129211 2670334	261892	4.00	10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	236116	499830	878997	58093 1271899	121113	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	125054	275433	467000	28468 657863	62248	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	160931	359041	655570	33719 968407	77507	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	355038	746639	1278470	88166 1844215	179108	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	561827	1217733	2090216	143095 3007643	287331	4.00	10.0	16.0	1.00 24.0	2.00
Azobenzene	PHN	Ave	561589	1217734	2090755	143095 3008289	287303	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	126247	249992	486144	29764 689124	64053	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	3734 161984	7804 351637	608275	41864 881718	84612	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	87578	4149 95280	9431 132486	26841 172942	55044	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Ave	191926	424331	776934	42348 1179713	94395	8.00	20.0	32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	49579	114389	198897	11765 289851	24751	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave	390236	849229	1463830	94456 2066065	201188	4.00	10.0	16.0	1.00 24.0	2.00
Phenanthrene	PHN	Ave	676845	1434249	2471018	174158 3521111	350963	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	686651	1483431	2557685	171788 3591412	355502	4.00	10.0	16.0	1.00 24.0	2.00

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

Lab Name: Eurofins Edison | Job No.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

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	609352	1341575	2288793	149241 3209281	317896	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	668079	1544272	2691494	153199 3871847	338483	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	657332	27456 1450429	2510849	161758 3619038	335958	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	324972	596398	1397309	69707 2017898	160709	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	685842	28392 1525179	2598896	171674 3678305	355599	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Lin2	211017	548882	971991	36664 1464254	92990	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	248605	615464	1078724	51320 1597875	120296	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		2123					0.100			
Carbamazepine	CRY	Lin1	165539	463717	891052	29591 1354382	74272	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	207968	6388 492722	943192	45533 1373624	102119	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	14061 588887	27288 1375896	2316101	145821 3385515	306407	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	556805	27115 1291734	2183433	142002 3166563	285818	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Lin2	358133	10055 879245	1524075	71803 2216889	168319	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	561146	1426845	2560876	100609 3755184	247686	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	12058 566809	24169 1391435	2321109	138020 3447550	297175	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	11440 616411	24283 1435839	2508848	150598 3523478	312199	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	8344 503784	18551 1209416	2158572	116939 3203165	253246	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	9915 529149	20016 1239190	2255152	124791 3501491	266128	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	10716 587833	22874 1402007	2522037	140310 3782638	297345	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	603212	1391473	2481174	149049 3831128	311136	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd4	Ave		11456		66560	136218		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.: 480-215449-1 | Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 | Calibration End Date: 10/17/2023 12:32 | Calibration ID: 94770

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
			259303	596093	1048101	1554946		4.00	10.0	16.0	24.0	
Phenol-d5 (Surr)	DCBd4	Ave	5512 332800	14164 738587	1309650	85454 1961088	167042	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	6367 297898	12433 647801	1153051	75160 1735415	150674	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	10719 508828	25054 1115942	1991613	132462 3000474	263780	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	78051	2439 164822	334459	18419 498887	41882	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	11119 509172	22134 1209128	2097368	130689 3173382	272587	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 938666

SDG No.:

Instrument ID: CBNAMS16 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2023 06:54 Calibration End Date: 10/17/2023 12:32 Calibration ID: 94770

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-938666/10	A28074.D
Level 2	STD02 460-938666/9	A28072.D
Level 3	STD04 460-938666/8	A28070.D
Level 4	STD1 460-938666/7	A28068.D
Level 5	STD2 460-938666/6	A28066.D
Level 6	STD4 460-938666/5	A28064.D
Level 7	ICIS 460-938666/11	A28076.D
Level 8	STD16 460-938666/4	A28062.D
Level 9	STD24 460-938666/3	A28060.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				15.1						30		
Caprolactam		7.6						30				
Bisphenol-A				2.7						30		
Carbamazepine				17.8						30		
Bis(2-ethylhexyl) phthalate		3.1						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28060.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 17-Oct-2023 06:54:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-003
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:06:38 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 07:19:17

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.821	1.830	-0.009	99	645769	24.0	22.8	
	2 N-Nitrosodimethylamine	74	2.038	2.038	0.000	88	1072743	24.0	23.1	
	3 Pyridine	79	2.073	2.076	-0.003	90	3238319	48.0	45.4	
$	4 2-Fluorophenol	112	3.150	3.149	0.001	93	1554946	24.0	25.6	
	5 Benzaldehyde	77	3.987	3.986	0.001	96	284733	6.40	4.90	
$	6 Phenol-d5	99	4.041	4.034	0.007	0	1961088	24.0	26.7	
	7 Phenol	94	4.057	4.047	0.010	99	1976227	24.0	23.5	
	8 Aniline	93	4.092	4.085	0.007	100	2337137	24.0	23.2	
	9 Bis(2-chloroethyl)ether	93	4.153	4.146	0.007	94	1505592	24.0	22.9	
	10 Benzonitrile	103	4.175	4.165	0.010	99	3017677	NC	NC	
	11 2-Chlorophenol	128	4.204	4.200	0.004	93	1460424	24.0	23.1	
	12 n-Decane	43	4.255	4.252	0.003	94	2072808	24.0	22.3	
	13 1,3-Dichlorobenzene	146	4.354	4.351	0.003	94	1592736	24.0	22.9	
*	14 1,4-Dichlorobenzene-d4	152	4.406	4.405	0.001	97	343641	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.425	4.421	0.004	93	1628066	24.0	22.9	
	17 Benzyl alcohol	108	4.537	4.530	0.007	92	973876	24.0	24.5	
	18 1,2-Dichlorobenzene	146	4.569	4.565	0.004	95	1550669	24.0	23.2	
	19 2-Methylphenol	108	4.636	4.632	0.004	91	1369956	24.0	23.7	
	20 2,2'-oxybis[1-chloropropane]	45	4.671	4.664	0.007	94	2463001	24.0	22.3	
	21 N-Methylaniline	106	4.783	4.779	0.004	92	2481012	24.0	26.3	a
	24 3 & 4 Methylphenol	108	4.789	4.782	0.007	0	1580040	24.0	23.7	
	25 4-Methylphenol	108	4.789	4.782	0.007	84	1577175	24.0	23.7	
	23 N-Nitrosodi-n-propylamine	70	4.796	4.789	0.007	91	1171819	24.0	24.0	
	22 Acetophenone	105	4.796	4.789	0.007	91	2113149	24.0	23.4	
	26 Hexachloroethane	117	4.892	4.891	0.001	96	588077	24.0	22.9	
$	27 Nitrobenzene-d5	82	4.937	4.929	0.008	89	1735415	24.0	26.0	
	28 Nitrobenzene	123	4.956	4.949	0.007	91	746824	24.0	24.9	
	29 n,n'-Dimethylaniline	120	4.959	4.955	0.004	99	2438067	24.0	25.2	
	30 Isophorone	82	5.186	5.179	0.007	100	2899215	24.0	24.2	
	31 2-Nitrophenol	139	5.256	5.252	0.004	88	770042	24.0	24.4	
	33 2,4-Dimethylphenol	122	5.298	5.294	0.004	90	1191615	24.0	23.8	

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	5.410	5.374	0.036	90	882964	24.0	24.5	
34 Bis(2-chloroethoxy)methane	93	5.394	5.390	0.004	98	1748654	24.0	23.3	
36 2,4-Dichlorophenol	162	5.483	5.479	0.004	94	1124216	24.0	24.1	
37 1,2,4-Trichlorobenzene	180	5.567	5.566	0.001	94	1222607	24.0	23.6	
* 38 Naphthalene-d8	136	5.621	5.620	0.001	99	1278772	8.00	8.00	
39 Naphthalene	128	5.644	5.639	0.005	99	4315108	24.0	23.4	
40 4-Chloroaniline	127	5.695	5.690	0.005	96	1698183	24.0	24.9	
41 2,6-Dichlorophenol	162	5.701	5.697	0.004	93	1108110	24.0	23.9	
43 Hexachlorobutadiene	225	5.762	5.761	0.001	96	674052	24.0	24.7	
44 Caprolactam	113	6.075	6.004	0.071	92	97592	6.40	6.69	M
45 4-Chloro-3-methylphenol	107	6.152	6.151	0.001	97	1123862	24.0	23.9	
46 2-Methylnaphthalene	142	6.302	6.301	0.001	84	2682843	24.0	23.6	
47 1-Methylnaphthalene	142	6.395	6.394	0.001	93	2462111	24.0	23.5	
48 Hexachlorocyclopentadiene	237	6.453	6.451	0.002	98	828425	24.0	24.7	
49 1,2,4,5-Tetrachlorobenzene	216	6.463	6.458	0.005	97	1164721	24.0	23.7	
50 2-tertbutyl-4-methylphenol	149	6.495	6.490	0.005	91	1672103	24.0	26.3	
51 2,4,6-Trichlorophenol	196	6.568	6.563	0.005	89	728239	24.0	24.7	
52 2,4,5-Trichlorophenol	196	6.597	6.595	0.002	97	812184	24.0	24.4	
$ 53 2-Fluorobiphenyl	172	6.652	6.650	0.002	97	3000474	24.0	25.8	
54 1,1'-Biphenyl	154	6.748	6.746	0.002	96	3157301	24.0	23.6	
55 2-Chloronaphthalene	162	6.764	6.759	0.005	98	2404677	24.0	23.6	
56 Phenyl ether	170	6.850	6.845	0.005	91	1729757	24.0	24.6	
57 2-Nitroaniline	65	6.860	6.855	0.005	97	961699	24.0	23.9	
58 1,3-Dimethylnaphthalene	156	6.972	6.970	0.002	92	1983203	24.0	24.9	
59 Dimethyl phthalate	163	7.042	7.037	0.005	98	2521887	24.0	23.4	
60 Coumarin	146	7.055	7.050	0.005	79	888847	24.0	24.6	
61 2,6-Dinitrotoluene	165	7.093	7.088	0.005	95	592764	24.0	24.7	
62 Acenaphthylene	152	7.154	7.152	0.002	97	3835673	24.0	23.1	
63 3-Nitroaniline	138	7.247	7.242	0.005	94	655531	24.0	23.8	
* 64 Acenaphthene-d10	164	7.289	7.287	0.002	97	630902	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.317	7.315	0.002	98	2237170	24.0	26.1	
66 Acenaphthene	154	7.321	7.315	0.006	97	2333240	24.0	23.8	
67 2,4-Dinitrophenol	184	7.349	7.341	0.008	95	829280	48.0	55.1	
68 4-Nitrophenol	65	7.407	7.399	0.008	94	1094049	48.0	47.3	
69 2,4-Dinitrotoluene	165	7.471	7.466	0.005	95	753209	24.0	25.2	
70 Dibenzofuran	168	7.484	7.482	0.002	97	3304097	24.0	23.2	
71 2,3,4,6-Tetrachlorophenol	232	7.596	7.594	0.002	94	638136	24.0	24.6	
72 Diethyl phthalate	149	7.715	7.709	0.006	98	2454367	24.0	23.6	
73 Fluorene	166	7.808	7.805	0.003	94	2670334	24.0	23.3	
74 4-Chlorophenyl phenyl ether	204	7.811	7.808	0.003	88	1271899	24.0	24.0	
75 4-Nitroaniline	138	7.830	7.818	0.012	94	657863	24.0	23.8	
76 4,6-Dinitro-2-methylphenol	198	7.859	7.850	0.009	84	968407	48.0	53.9	
78 N-Nitrosodiphenylamine	169	7.923	7.917	0.006	69	1844215	24.0	23.9	
144 Azobenzene	77	7.961	7.959	0.002	0	3008289	24.0	24.1	
79 1,2-Diphenylhydrazine	77	7.961	7.959	0.002	51	3007643	24.0	24.1	
$ 80 2,4,6-Tribromophenol	330	8.032	8.029	0.003	94	498887	24.0	28.6	
81 4-Bromophenyl phenyl ether	248	8.272	8.269	0.003	89	689124	24.0	25.0	
82 Hexachlorobenzene	284	8.326	8.324	0.002	95	881718	24.0	24.5	
83 Atrazine	200	8.429	8.426	0.003	92	172942	6.40	7.37	
84 Pentachlorophenol	266	8.509	8.506	0.003	96	1179713	48.0	54.4	
85 Pentachloronitrobenzene	237	8.525	8.522	0.003	90	289851	24.0	25.7	
87 n-Octadecane	57	8.615	8.612	0.003	93	2066065	24.0	23.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.688	8.685	0.003	99	1052755	8.00	8.00	
89 Phenanthrene	178	8.714	8.708	0.006	98	3521111	24.0	23.6	
90 Anthracene	178	8.762	8.759	0.003	98	3591412	24.0	23.6	
91 Carbazole	167	8.913	8.909	0.004	96	3209281	24.0	23.7	
92 Di-n-butyl phthalate	149	9.261	9.258	0.003	100	3871847	24.0	25.5	
93 Fluoranthene	202	9.834	9.830	0.004	97	3619038	24.0	25.2	
94 Benzidine	184	9.965	9.961	0.004	99	2017898	24.0	28.0	M
95 Pyrene	202	10.045	10.044	0.001	96	3678305	24.0	23.5	
96 Bisphenol-A	213	10.100	10.099	0.001	98	1464254	24.0	25.0	
$ 97 Terphenyl-d14	244	10.206	10.204	0.002	98	3173382	24.0	26.0	
98 Butyl benzyl phthalate	149	10.718	10.713	0.005	97	1597875	24.0	26.7	
100 Carbamazepine	193	10.814	10.809	0.005	95	1354382	24.0	25.0	
101 3,3'-Dichlorobenzidine	252	11.282	11.276	0.006	100	1373624	24.0	28.6	
102 Benzo[a]anthracene	228	11.301	11.295	0.006	100	3385515	24.0	24.2	
* 103 Chrysene-d12	240	11.314	11.308	0.006	99	880637	8.00	8.00	
104 Chrysene	228	11.346	11.337	0.009	98	3166563	24.0	23.9	
105 Bis(2-ethylhexyl) phthalate	149	11.384	11.382	0.002	90	2216889	24.0	25.4	
106 Di-n-octyl phthalate	149	12.223	12.220	0.003	98	3755184	24.0	27.8	
107 Benzo[b]fluoranthene	252	12.668	12.661	0.007	99	3447550	24.0	25.5	
108 Benzo[k]fluoranthene	252	12.710	12.700	0.010	99	3523478	24.0	25.0	
109 Benzo[a]pyrene	252	13.117	13.106	0.011	96	3203165	24.0	27.8	
* 110 Perylene-d12	264	13.190	13.186	0.004	98	942137	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.750	14.735	0.015	99	3501491	24.0	28.4	
112 Dibenz(a,h)anthracene	278	14.798	14.783	0.015	97	3782638	24.0	27.6	
113 Benzo[g,h,i]perylene	276	15.183	15.161	0.022	97	3831128	24.0	25.8	
S 114 Total Cresols	1				0			47.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 17-Oct-2023 13:06:40 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28060.D

Injection Date: 17-Oct-2023 06:54:30 Instrument ID: CBNAMS16 Operator ID:

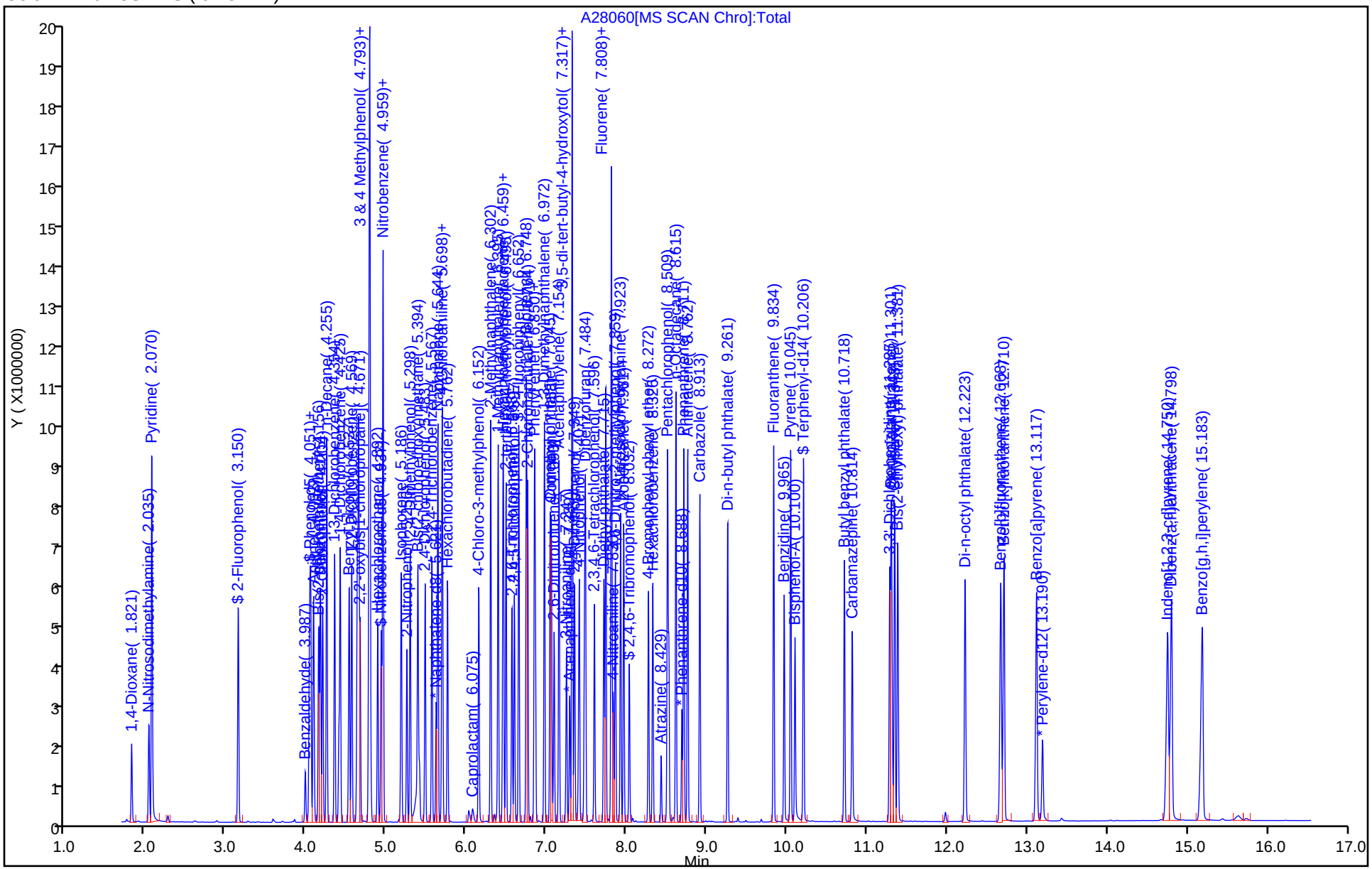
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

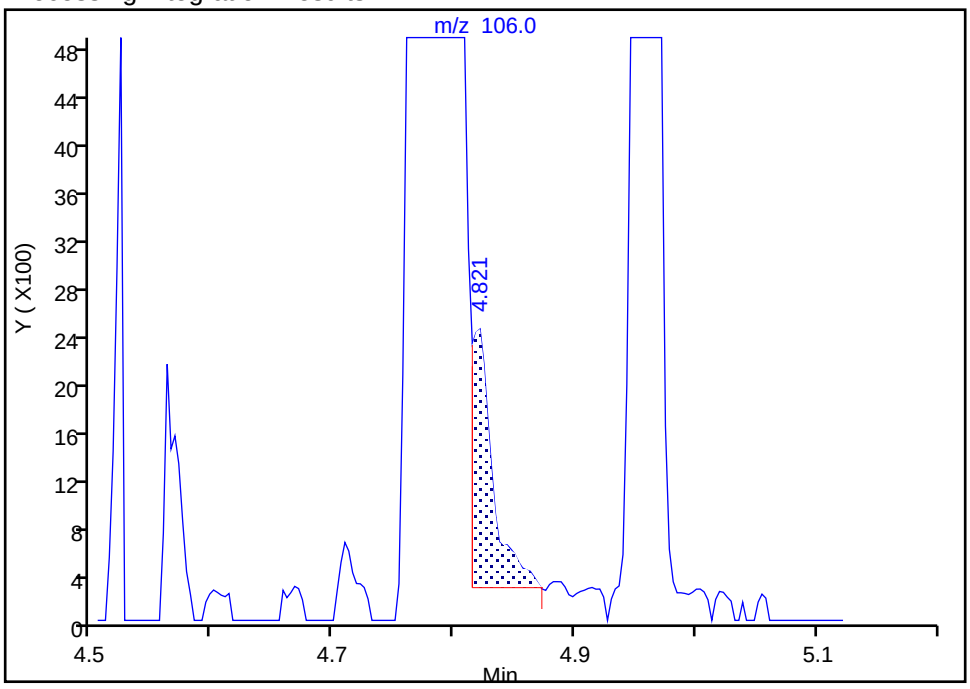
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28060.D
Injection Date: 17-Oct-2023 06:54:30 Instrument ID: CBNAMS16
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 N-Methylaniline, CAS: 100-61-8

Signal: 1

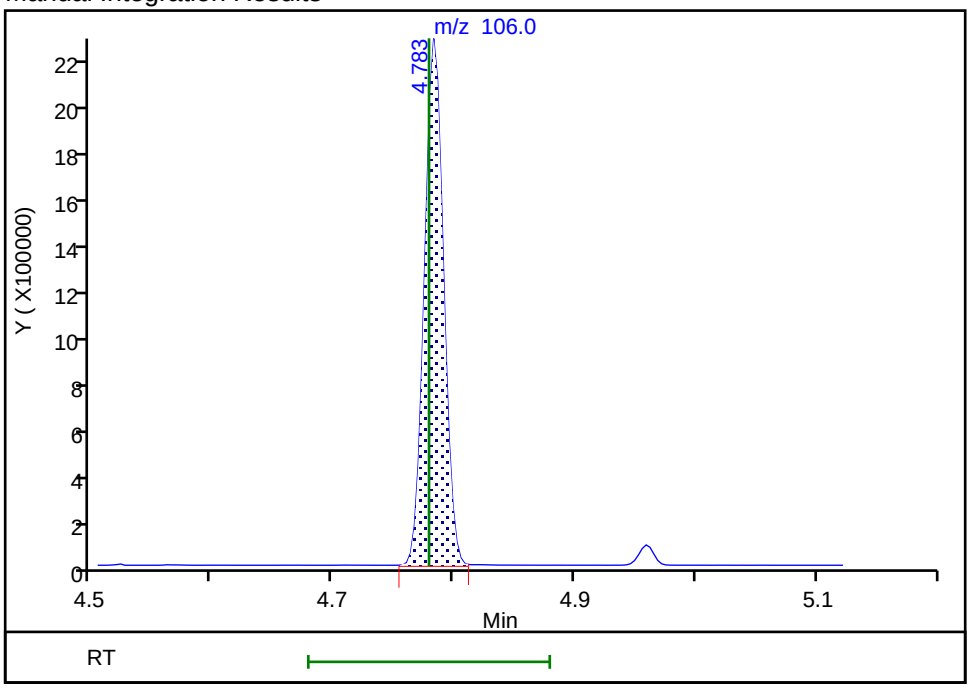
Processing Integration Results

RT: 4.82
Area: 2636
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.78
Area: 2481012
Amount: 26.326110
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 07:19:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

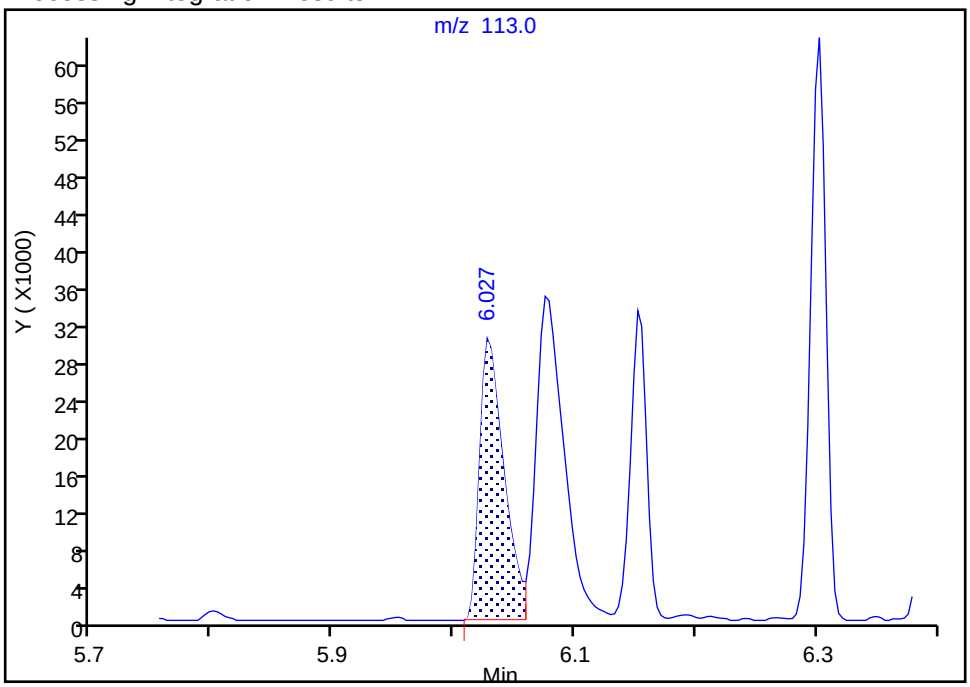
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28060.D
Injection Date: 17-Oct-2023 06:54:30 Instrument ID: CBNAMS16
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

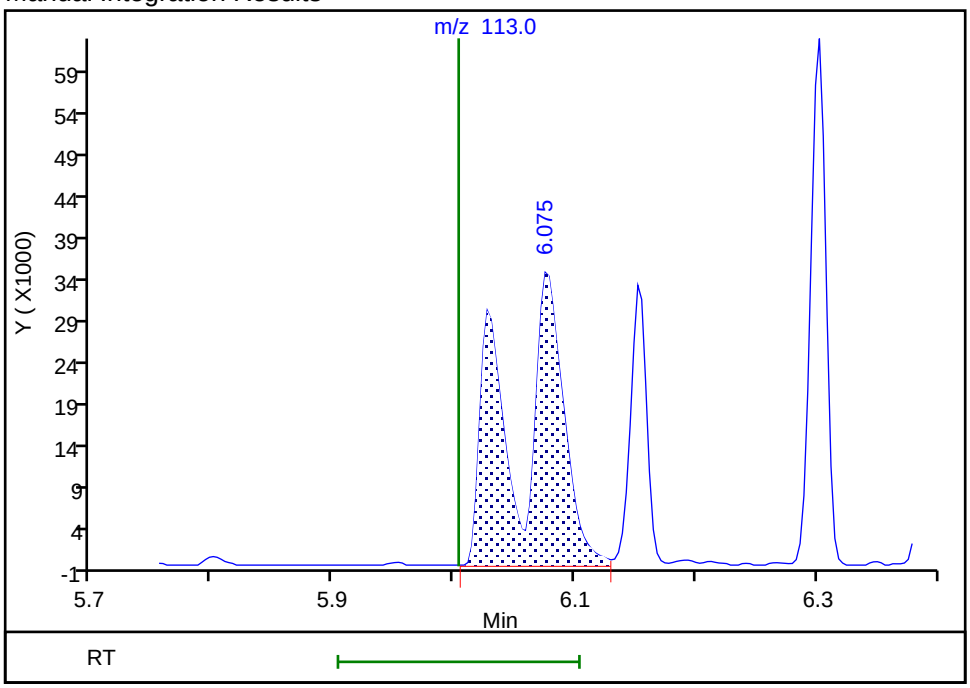
Processing Integration Results

RT: 6.03
Area: 42449
Amount: 6.400000
Amount Units: ug/ml



Manual Integration Results

RT: 6.08
Area: 97592
Amount: 6.686052
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 07:18:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

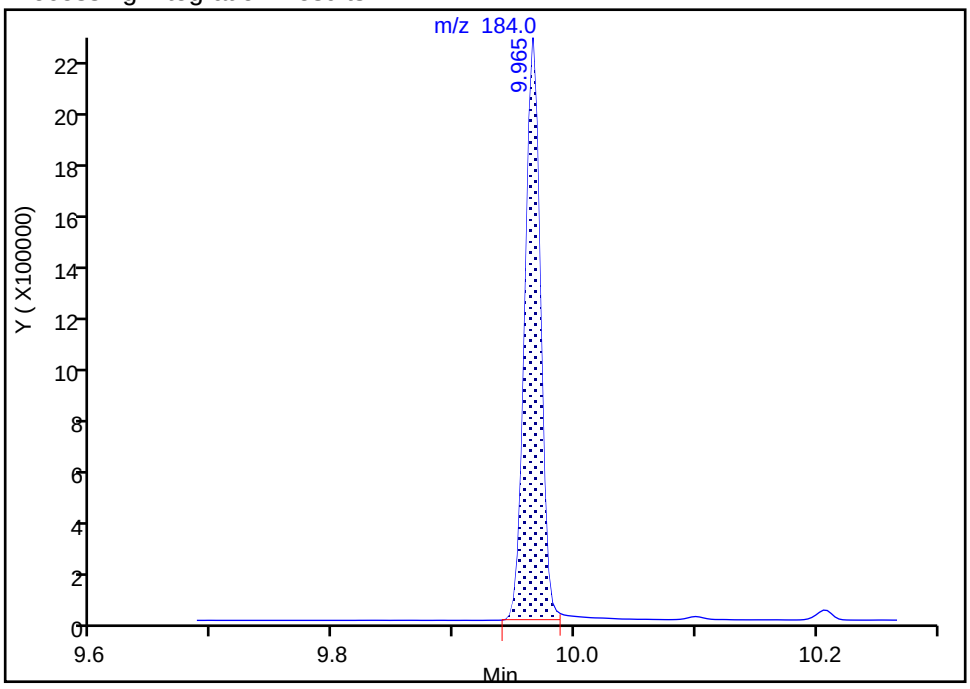
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28060.D
Injection Date: 17-Oct-2023 06:54:30 Instrument ID: CBNAMS16
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Benzidine, CAS: 92-87-5

Signal: 1

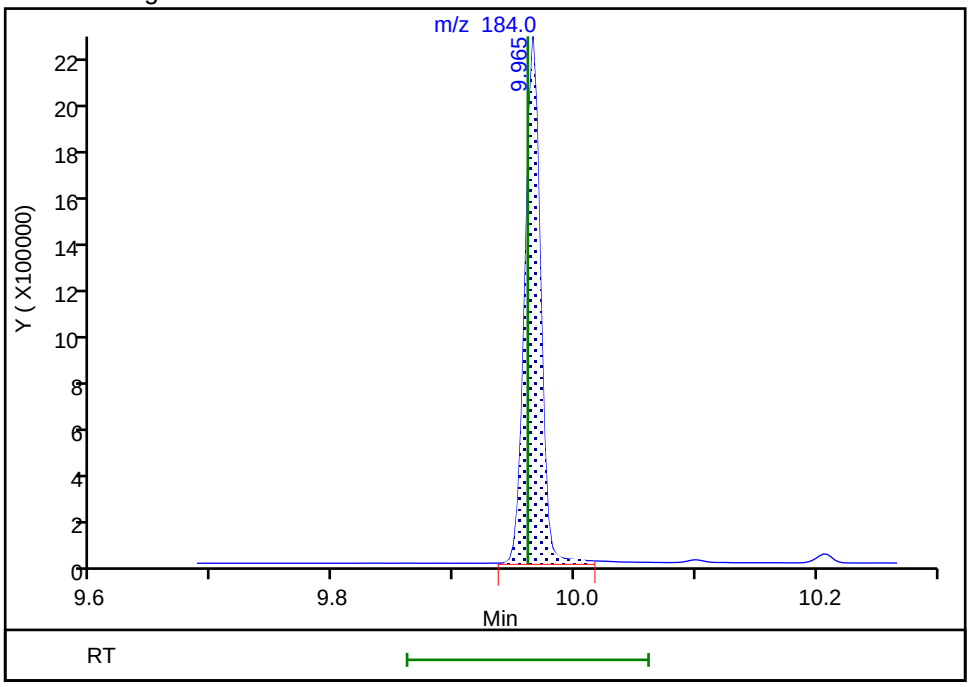
Processing Integration Results

RT: 9.97
Area: 1992335
Amount: 26.962586
Amount Units: ug/ml



Manual Integration Results

RT: 9.97
Area: 2017898
Amount: 27.985815
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 10:05:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28062.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 17-Oct-2023 07:36:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-004
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:06:44 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 07:56:59

	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	1.817	1.830	-0.013	99	462071	16.0	16.0	
	2 N-Nitrosodimethylamine	74	2.031	2.038	-0.007	88	751808	16.0	15.8	
	3 Pyridine	79	2.067	2.076	-0.009	90	2345899	32.0	32.2	
$	4 2-Fluorophenol	112	3.143	3.149	-0.006	93	1048101	16.0	16.9	
	5 Benzaldehyde	77	3.983	3.986	-0.003	95	262100	4.80	4.41	
$	6 Phenol-d5	99	4.035	4.034	0.001	0	1309650	16.0	17.5	
	7 Phenol	94	4.047	4.047	0.000	99	1388662	16.0	16.1	
	8 Aniline	93	4.086	4.085	0.001	100	1654953	16.0	16.1	
	9 Bis(2-chloroethyl)ether	93	4.147	4.146	0.001	94	1063730	16.0	15.8	
	10 Benzonitrile	103	4.169	4.165	0.004	99	2058246	NC	NC	
	11 2-Chlorophenol	128	4.201	4.200	0.001	93	1038322	16.0	16.0	
	12 n-Decane	43	4.252	4.252	0.000	93	1478719	16.0	15.5	
	13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	95	1128715	16.0	15.8	
*	14 1,4-Dichlorobenzene-d4	152	4.402	4.405	-0.003	97	351561	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.422	4.421	0.001	93	1154334	16.0	15.9	
	17 Benzyl alcohol	108	4.530	4.530	0.000	92	664843	16.0	16.3	
	18 1,2-Dichlorobenzene	146	4.565	4.565	0.000	95	1083827	16.0	15.9	
	19 2-Methylphenol	108	4.633	4.632	0.001	88	953905	16.0	16.1	
	20 2,2'-oxybis[1-chloropropane]	45	4.668	4.664	0.004	94	1756678	16.0	15.5	
	21 N-Methylaniline	106	4.780	4.779	0.001	92	1694659	16.0	17.6	a
	24 3 & 4 Methylphenol	108	4.783	4.782	0.001	0	1106095	16.0	16.2	
	25 4-Methylphenol	108	4.783	4.782	0.001	83	1101706	16.0	16.2	
	23 N-Nitrosodi-n-propylamine	70	4.789	4.789	0.000	90	829158	16.0	16.6	
	22 Acetophenone	105	4.789	4.789	0.000	90	1476819	16.0	16.0	
	26 Hexachloroethane	117	4.888	4.891	-0.003	96	413424	16.0	15.7	
$	27 Nitrobenzene-d5	82	4.933	4.929	0.004	89	1153051	16.0	17.1	
	28 Nitrobenzene	123	4.952	4.949	0.003	92	524422	16.0	17.1	
	29 n,n'-Dimethylaniline	120	4.956	4.955	0.001	99	1648795	16.0	16.7	
	30 Isophorone	82	5.179	5.179	0.000	99	2019150	16.0	16.6	
	31 2-Nitrophenol	139	5.253	5.252	0.001	88	530647	16.0	16.6	
	33 2,4-Dimethylphenol	122	5.295	5.294	0.001	91	826258	16.0	16.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.394	5.374	0.020	91	612672	16.0	17.0	
34 Bis(2-chloroethoxy)methane	93	5.391	5.390	0.001	98	1230259	16.0	16.2	
36 2,4-Dichlorophenol	162	5.480	5.479	0.001	94	781373	16.0	16.5	
37 1,2,4-Trichlorobenzene	180	5.567	5.566	0.001	94	848462	16.0	16.1	
* 38 Naphthalene-d8	136	5.621	5.620	0.001	99	1296178	8.00	8.00	
39 Naphthalene	128	5.640	5.639	0.001	99	3032410	16.0	16.2	
40 4-Chloroaniline	127	5.691	5.690	0.001	96	1190508	16.0	17.2	
41 2,6-Dichlorophenol	162	5.698	5.697	0.001	96	763874	16.0	16.2	
43 Hexachlorobutadiene	225	5.762	5.761	0.001	96	455224	16.0	16.4	
44 Caprolactam	113	6.014	6.004	0.010	91	73581	4.80	5.01	M
45 4-Chloro-3-methylphenol	107	6.152	6.151	0.001	97	795852	16.0	16.7	
46 2-Methylnaphthalene	142	6.302	6.301	0.001	84	1859324	16.0	16.2	
47 1-Methylnaphthalene	142	6.395	6.394	0.001	93	1710260	16.0	16.1	
48 Hexachlorocyclopentadiene	237	6.453	6.451	0.002	97	556000	16.0	16.3	
49 1,2,4,5-Tetrachlorobenzene	216	6.459	6.458	0.001	97	806318	16.0	16.1	
50 2-tertbutyl-4-methylphenol	149	6.491	6.490	0.001	91	1115954	16.0	17.3	
51 2,4,6-Trichlorophenol	196	6.565	6.563	0.002	89	517311	16.0	17.2	
52 2,4,5-Trichlorophenol	196	6.597	6.595	0.002	96	560141	16.0	16.5	
$ 53 2-Fluorobiphenyl	172	6.651	6.650	0.001	97	1991613	16.0	16.8	
54 1,1'-Biphenyl	154	6.744	6.746	-0.002	96	2208172	16.0	16.2	
55 2-Chloronaphthalene	162	6.760	6.759	0.001	98	1678162	16.0	16.1	
56 Phenyl ether	170	6.846	6.845	0.001	91	1179975	16.0	16.5	
57 2-Nitroaniline	65	6.856	6.855	0.001	96	677451	16.0	16.5	
58 1,3-Dimethylnaphthalene	156	6.971	6.970	0.001	91	1338017	16.0	16.5	
59 Dimethyl phthalate	163	7.038	7.037	0.001	98	1765508	16.0	16.0	
60 Coumarin	146	7.054	7.050	0.004	78	604592	16.0	16.5	
61 2,6-Dinitrotoluene	165	7.090	7.088	0.002	96	410833	16.0	16.7	
62 Acenaphthylene	152	7.154	7.152	0.002	97	2735911	16.0	16.1	
63 3-Nitroaniline	138	7.247	7.242	0.005	94	468908	16.0	16.7	
* 64 Acenaphthene-d10	164	7.288	7.287	0.001	97	644141	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.317	7.315	0.002	98	1480385	16.0	16.9	
66 Acenaphthene	154	7.317	7.315	0.002	97	1606235	16.0	16.1	
67 2,4-Dinitrophenol	184	7.346	7.341	0.005	94	574546	32.0	37.4	
68 4-Nitrophenol	65	7.404	7.399	0.005	94	782527	32.0	33.1	
69 2,4-Dinitrotoluene	165	7.471	7.466	0.005	96	528994	16.0	17.3	
70 Dibenzofuran	168	7.484	7.482	0.002	97	2312291	16.0	15.9	
71 2,3,4,6-Tetrachlorophenol	232	7.596	7.594	0.002	94	445792	16.0	16.8	
72 Diethyl phthalate	149	7.714	7.709	0.005	98	1716092	16.0	16.2	
73 Fluorene	166	7.807	7.805	0.002	94	1885212	16.0	16.1	
74 4-Chlorophenyl phenyl ether	204	7.810	7.808	0.002	87	878997	16.0	16.2	
75 4-Nitroaniline	138	7.826	7.818	0.008	94	467000	16.0	16.5	
76 4,6-Dinitro-2-methylphenol	198	7.855	7.850	0.005	82	655570	32.0	35.7	
78 N-Nitrosodiphenylamine	169	7.922	7.917	0.005	70	1278470	16.0	16.2	
144 Azobenzene	77	7.961	7.959	0.002	0	2090755	16.0	16.3	
79 1,2-Diphenylhydrazine	77	7.961	7.959	0.002	51	2090216	16.0	16.3	
$ 80 2,4,6-Tribromophenol	330	8.031	8.029	0.002	95	334459	16.0	18.8	
81 4-Bromophenyl phenyl ether	248	8.271	8.269	0.002	89	486144	16.0	17.2	
82 Hexachlorobenzene	284	8.326	8.324	0.002	96	608275	16.0	16.5	
83 Atrazine	200	8.428	8.426	0.002	89	132486	4.80	5.52	
84 Pentachlorophenol	266	8.508	8.506	0.002	95	776934	32.0	35.0	
85 Pentachloronitrobenzene	237	8.524	8.522	0.002	90	198897	16.0	17.2	
87 n-Octadecane	57	8.614	8.612	0.002	93	1463830	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	8.688	8.685	0.003	99	1077254	8.00	8.00	
89 Phenanthrene	178	8.710	8.708	0.002	98	2471018	16.0	16.2	
90 Anthracene	178	8.758	8.759	-0.001	98	2557685	16.0	16.4	
91 Carbazole	167	8.912	8.909	0.003	96	2288793	16.0	16.5	
92 Di-n-butyl phthalate	149	9.260	9.258	0.002	100	2691494	16.0	17.3	
93 Fluoranthene	202	9.833	9.830	0.003	97	2510849	16.0	17.1	
94 Benzidine	184	9.964	9.961	0.003	100	1397309	16.0	18.9	M
95 Pyrene	202	10.044	10.044	0.000	96	2598896	16.0	16.3	
96 Bisphenol-A	213	10.099	10.099	0.000	98	971991	16.0	16.5	
$ 97 Terphenyl-d14	244	10.205	10.204	0.001	97	2097368	16.0	17.0	
98 Butyl benzyl phthalate	149	10.713	10.713	0.000	97	1078724	16.0	17.7	
100 Carbamazepine	193	10.813	10.809	0.004	93	891052	16.0	16.4	
101 3,3'-Dichlorobenzidine	252	11.280	11.276	0.004	100	943192	16.0	19.3	
102 Benzo[a]anthracene	228	11.299	11.295	0.004	100	2316101	16.0	16.3	
* 103 Chrysene-d12	240	11.309	11.308	0.001	99	894050	8.00	8.00	
104 Chrysene	228	11.341	11.337	0.004	98	2183433	16.0	16.2	
105 Bis(2-ethylhexyl) phthalate	149	11.383	11.382	0.001	90	1524075	16.0	17.2	
106 Di-n-octyl phthalate	149	12.221	12.220	0.001	98	2560876	16.0	18.5	
107 Benzo[b]fluoranthene	252	12.666	12.661	0.005	98	2321109	16.0	16.7	
108 Benzo[k]fluoranthene	252	12.705	12.700	0.005	99	2508848	16.0	17.4	
109 Benzo[a]pyrene	252	13.112	13.106	0.006	95	2158572	16.0	18.3	
* 110 Perylene-d12	264	13.189	13.186	0.003	98	967640	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.741	14.735	0.006	98	2255152	16.0	17.8	
112 Dibenz(a,h)anthracene	278	14.790	14.783	0.007	98	2522037	16.0	17.9	
113 Benzo[g,h,i]perylene	276	15.174	15.161	0.013	97	2481174	16.0	16.3	
S 114 Total Cresols	1				0			32.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00007 Amount Added: 1.00 Units: mL

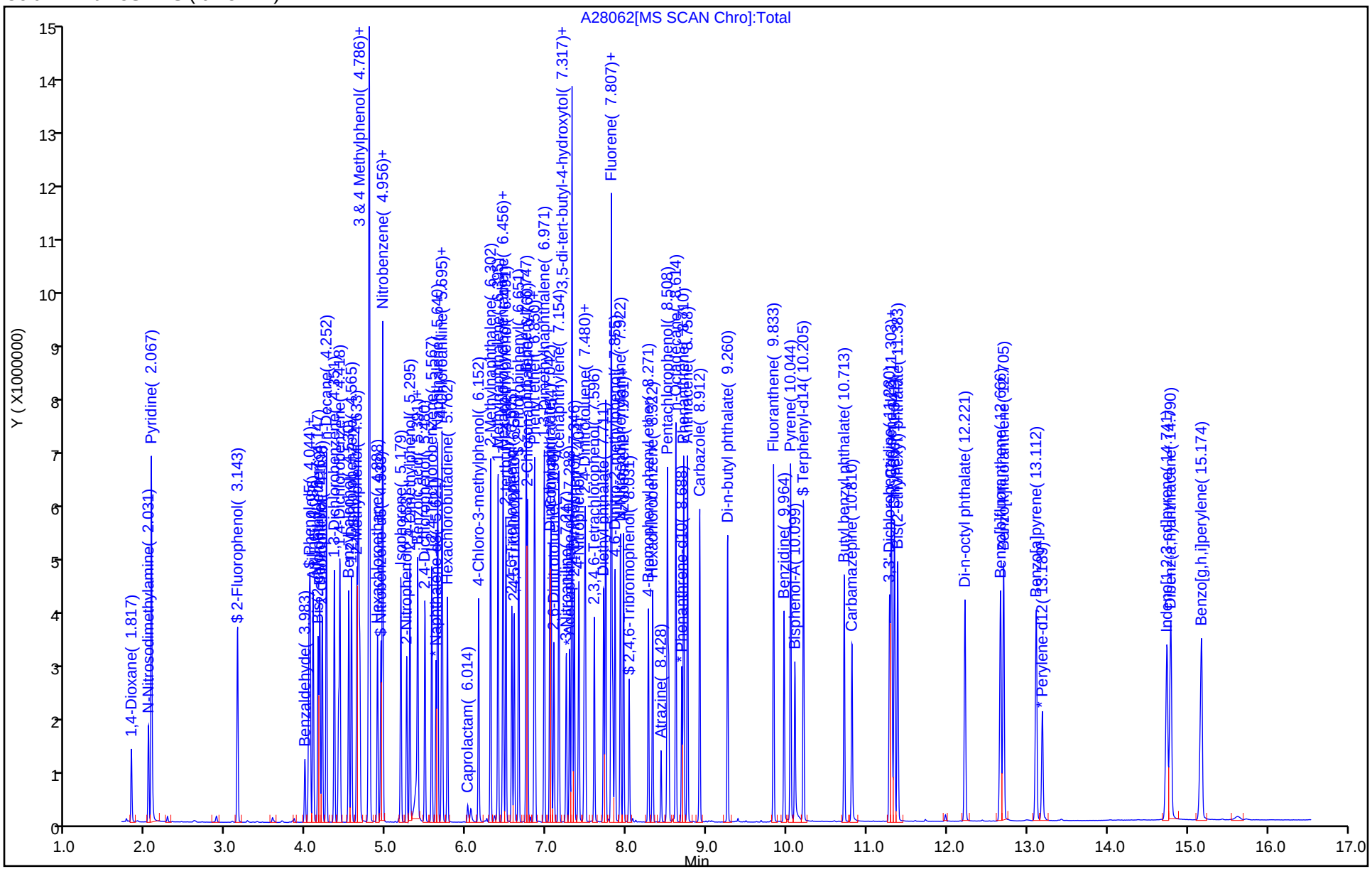
Report Date: 17-Oct-2023 13:06:47 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28062.D

Injection Date:	17-Oct-2023 07:36:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

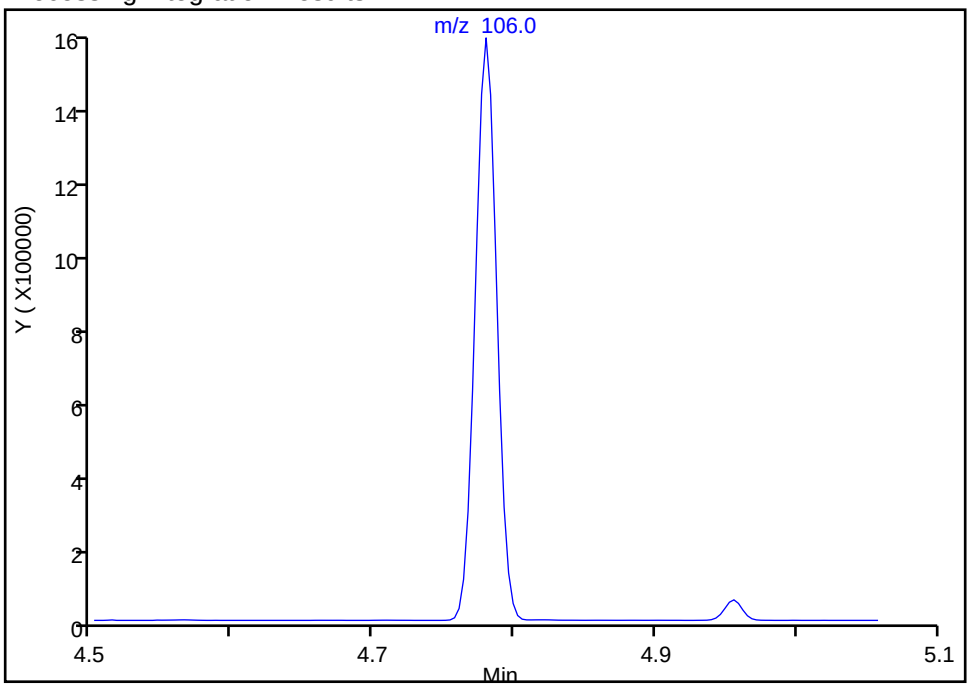
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28062.D
Injection Date: 17-Oct-2023 07:36:30 Instrument ID: CBNAMS16
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 N-Methylaniline, CAS: 100-61-8

Signal: 1

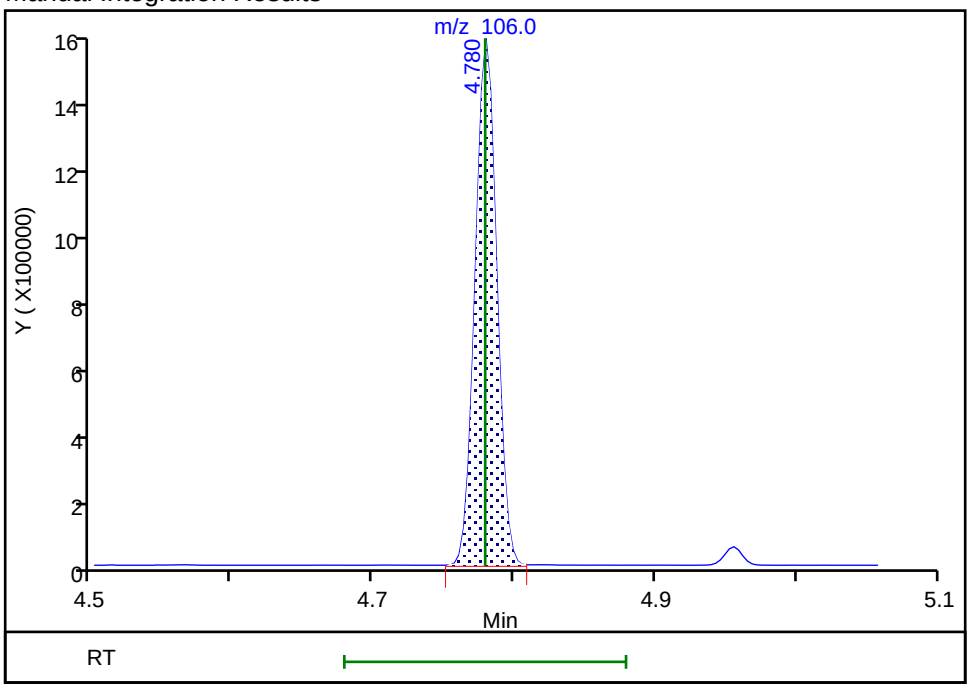
Not Detected
Expected RT: 4.78

Processing Integration Results



Manual Integration Results

RT: 4.78
Area: 1694659
Amount: 17.576987
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 07:56:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

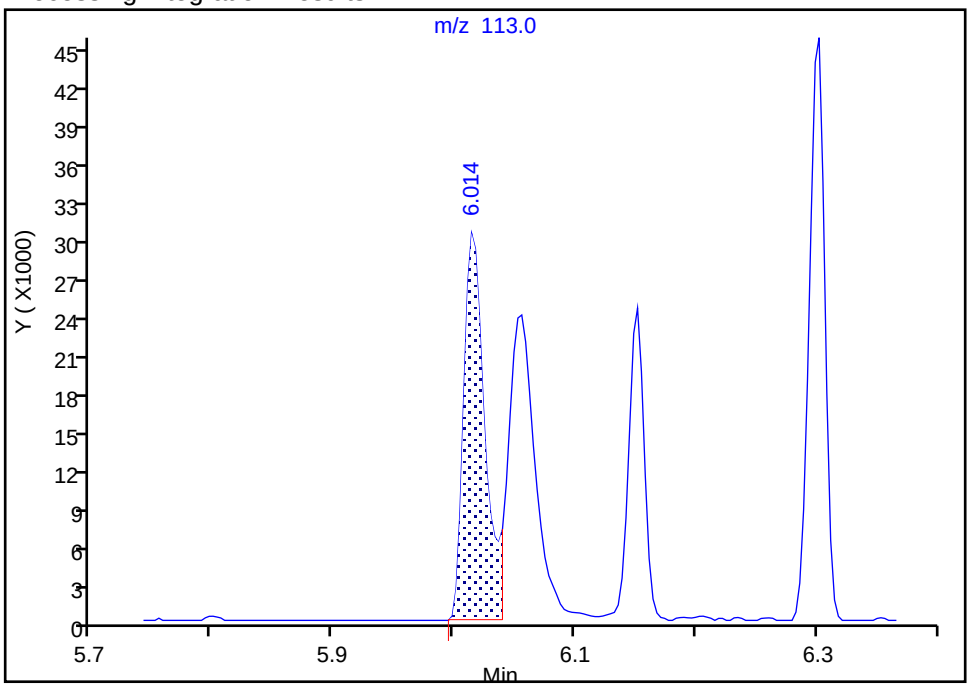
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28062.D
Injection Date: 17-Oct-2023 07:36:30 Instrument ID: CBNAMS16
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

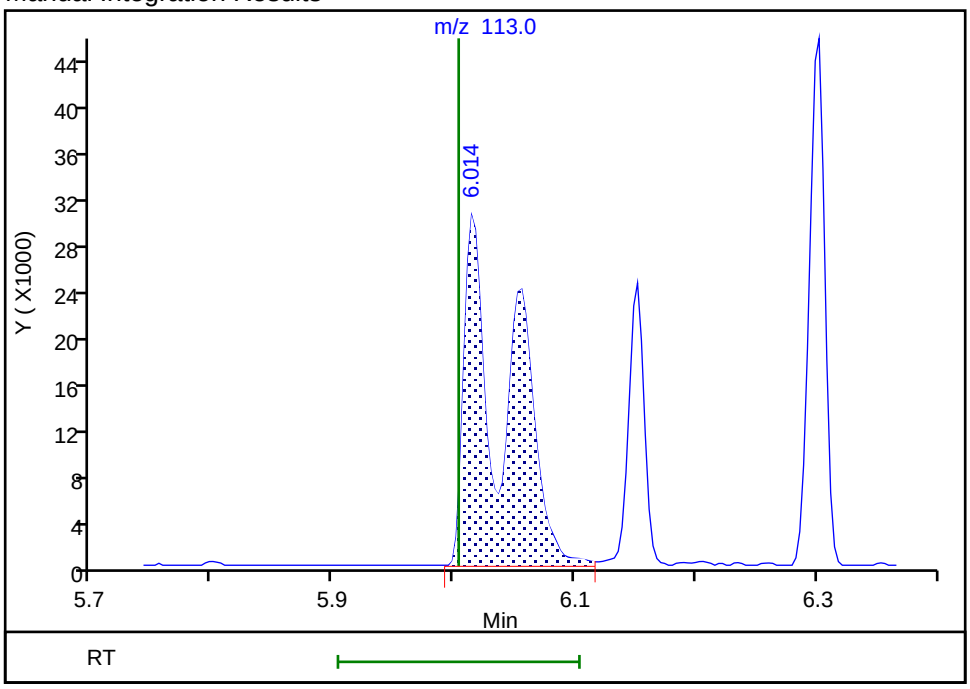
Processing Integration Results

RT: 6.01
Area: 37740
Amount: 3.071338
Amount Units: ug/ml



Manual Integration Results

RT: 6.01
Area: 73581
Amount: 5.006394
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 07:56:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

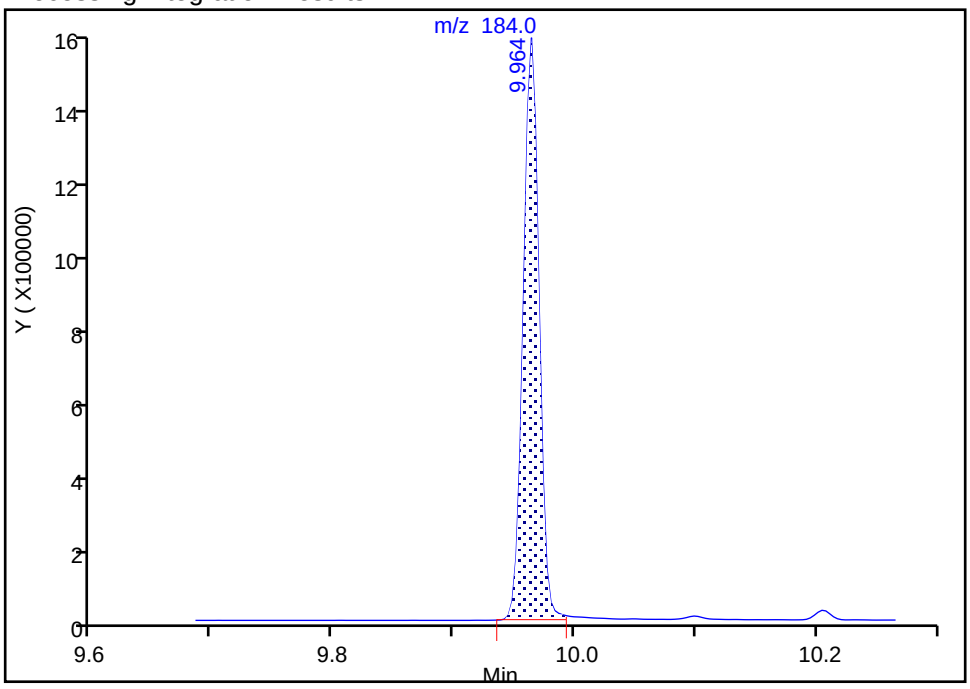
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28062.D
Injection Date: 17-Oct-2023 07:36:30 Instrument ID: CBNAMS16
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Benzidine, CAS: 92-87-5

Signal: 1

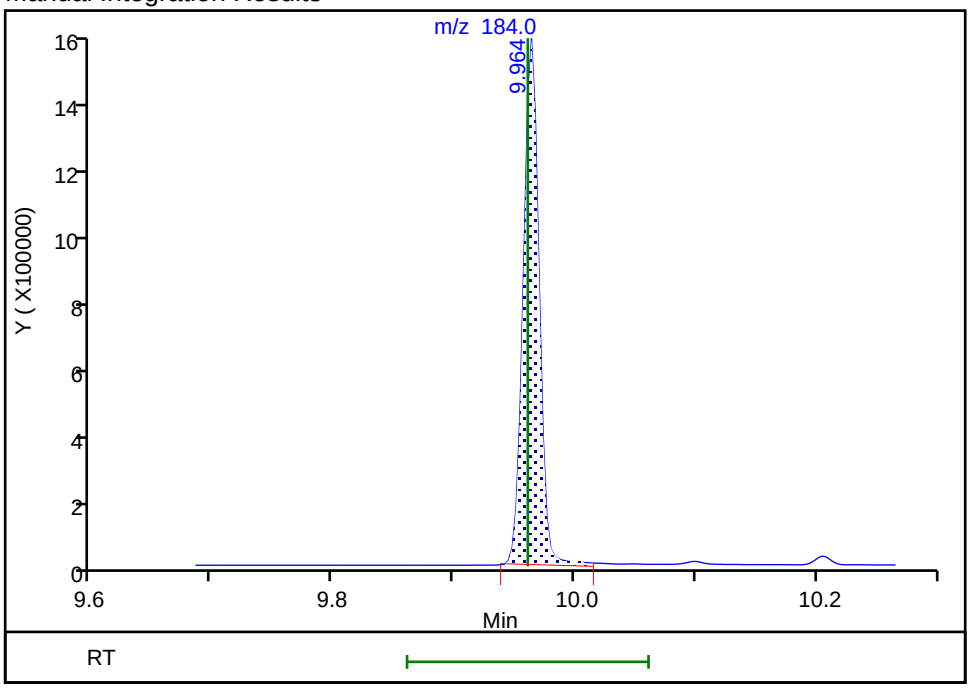
Processing Integration Results

RT: 9.96
Area: 1386584
Amount: 18.222652
Amount Units: ug/ml



Manual Integration Results

RT: 9.96
Area: 1397309
Amount: 18.938274
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 10:06:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28064.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Oct-2023 08:19:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-005
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:06:50 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 08:39:48

	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	1.824	1.824	0.000	99	123768	4.00	4.10	
	2 N-Nitrosodimethylamine	74	2.035	2.035	0.000	88	205453	4.00	4.14	
	3 Pyridine	79	2.073	2.073	0.000	89	656957	8.00	8.62	
$	4 2-Fluorophenol	112	3.146	3.146	0.000	92	259303	4.00	3.99	
	5 Benzaldehyde	77	3.983	3.983	0.000	95	205240	3.20	3.31	
$	6 Phenol-d5	99	4.028	4.028	0.000	0	332800	4.00	4.25	
	7 Phenol	94	4.044	4.044	0.000	99	369234	4.00	4.10	
	8 Aniline	93	4.086	4.086	0.000	100	447692	4.00	4.16	
	9 Bis(2-chloroethyl)ether	93	4.143	4.143	0.000	93	289333	4.00	4.12	
	10 Benzonitrile	103	4.162	4.162	0.000	99	530214	NC	NC	
	11 2-Chlorophenol	128	4.197	4.197	0.000	93	282406	4.00	4.18	
	12 n-Decane	43	4.252	4.252	0.000	94	409548	4.00	4.12	
	13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	94	305584	4.00	4.10	
*	14 1,4-Dichlorobenzene-d4	152	4.405	4.405	0.000	97	367329	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.421	4.421	0.000	94	312346	4.00	4.12	
	17 Benzyl alcohol	108	4.527	4.527	0.000	92	176309	4.00	4.14	
	18 1,2-Dichlorobenzene	146	4.565	4.565	0.000	94	295132	4.00	4.14	
	19 2-Methylphenol	108	4.629	4.629	0.000	87	254500	4.00	4.11	
	20 2,2'-oxybis[1-chloropropane]	45	4.664	4.664	0.000	94	494945	4.00	4.19	
	21 N-Methylaniline	106	4.776	4.776	0.000	79	431162	4.00	4.28	
	24 3 & 4 Methylphenol	108	4.779	4.779	0.000	0	293505	4.00	4.11	
	25 4-Methylphenol	108	4.779	4.779	0.000	82	293086	4.00	4.11	
	23 N-Nitrosodi-n-propylamine	70	4.786	4.786	0.000	88	221743	4.00	4.25	
	22 Acetophenone	105	4.786	4.786	0.000	89	398888	4.00	4.13	
	26 Hexachloroethane	117	4.888	4.888	0.000	95	110819	4.00	4.03	
$	27 Nitrobenzene-d5	82	4.929	4.929	0.000	89	297898	4.00	4.20	
	28 Nitrobenzene	123	4.945	4.945	0.000	91	138342	4.00	4.31	
	29 n,n'-Dimethylaniline	120	4.952	4.952	0.000	93	415866	4.00	4.03	
	30 Isophorone	82	5.176	5.176	0.000	99	547730	4.00	4.30	
	31 2-Nitrophenol	139	5.252	5.252	0.000	87	140157	4.00	4.19	
	33 2,4-Dimethylphenol	122	5.291	5.291	0.000	91	222911	4.00	4.19	

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	5.348	5.348	0.000	90	124245	4.00	3.81	
34 Bis(2-chloroethoxy)methane	93	5.387	5.387	0.000	98	333052	4.00	4.17	
36 2,4-Dichlorophenol	162	5.479	5.479	0.000	94	206312	4.00	4.16	
37 1,2,4-Trichlorobenzene	180	5.566	5.566	0.000	94	230590	4.00	4.18	
* 38 Naphthalene-d8	136	5.620	5.620	0.000	99	1358738	8.00	8.00	
39 Naphthalene	128	5.639	5.639	0.000	99	819436	4.00	4.17	
40 4-Chloroaniline	127	5.687	5.687	0.000	96	318343	4.00	4.40	
41 2,6-Dichlorophenol	162	5.694	5.694	0.000	96	202807	4.00	4.11	
43 Hexachlorobutadiene	225	5.761	5.761	0.000	96	122884	4.00	4.24	
44 Caprolactam	113	5.994	5.994	0.000	90	50286	3.20	3.31	
45 4-Chloro-3-methylphenol	107	6.147	6.147	0.000	97	210547	4.00	4.22	
46 2-Methylnaphthalene	142	6.298	6.298	0.000	85	506645	4.00	4.20	
47 1-Methylnaphthalene	142	6.390	6.390	0.000	93	468558	4.00	4.22	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	97	150608	4.00	4.20	
49 1,2,4,5-Tetrachlorobenzene	216	6.458	6.458	0.000	96	217012	4.00	4.13	
50 2-tertbutyl-4-methylphenol	149	6.490	6.490	0.000	91	284859	4.00	4.22	
51 2,4,6-Trichlorophenol	196	6.563	6.563	0.000	89	140889	4.00	4.46	
52 2,4,5-Trichlorophenol	196	6.595	6.595	0.000	96	148978	4.00	4.17	
$ 53 2-Fluorobiphenyl	172	6.650	6.650	0.000	97	508828	4.00	4.09	
54 1,1'-Biphenyl	154	6.742	6.742	0.000	96	600577	4.00	4.18	
55 2-Chloronaphthalene	162	6.758	6.758	0.000	99	455839	4.00	4.17	
56 Phenyl ether	170	6.845	6.845	0.000	91	303494	4.00	4.03	
57 2-Nitroaniline	65	6.851	6.851	0.000	96	179147	4.00	4.15	
58 1,3-Dimethylnaphthalene	156	6.969	6.969	0.000	91	340903	4.00	3.99	
59 Dimethyl phthalate	163	7.037	7.037	0.000	98	485746	4.00	4.20	
60 Coumarin	146	7.049	7.049	0.000	78	155988	4.00	4.06	
61 2,6-Dinitrotoluene	165	7.088	7.088	0.000	94	109719	4.00	4.26	
62 Acenaphthylene	152	7.152	7.152	0.000	97	746168	4.00	4.19	
63 3-Nitroaniline	138	7.241	7.241	0.000	93	124401	4.00	4.21	
* 64 Acenaphthene-d10	164	7.286	7.286	0.000	96	676433	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.315	7.315	0.000	98	359084	4.00	3.90	
66 Acenaphthene	154	7.315	7.315	0.000	97	436522	4.00	4.16	
67 2,4-Dinitrophenol	184	7.341	7.341	0.000	93	132966	8.00	8.23	
68 4-Nitrophenol	65	7.395	7.395	0.000	94	207753	8.00	8.38	
69 2,4-Dinitrotoluene	165	7.465	7.465	0.000	94	139887	4.00	4.37	
70 Dibenzofuran	168	7.478	7.478	0.000	97	636807	4.00	4.17	
71 2,3,4,6-Tetrachlorophenol	232	7.593	7.593	0.000	95	116063	4.00	4.17	
72 Diethyl phthalate	149	7.705	7.705	0.000	98	460387	4.00	4.13	
73 Fluorene	166	7.804	7.804	0.000	94	510504	4.00	4.16	
74 4-Chlorophenyl phenyl ether	204	7.808	7.808	0.000	86	236116	4.00	4.16	
75 4-Nitroaniline	138	7.814	7.814	0.000	97	125054	4.00	4.22	
76 4,6-Dinitro-2-methylphenol	198	7.846	7.846	0.000	81	160931	8.00	8.19	
78 N-Nitrosodiphenylamine	169	7.917	7.917	0.000	69	355038	4.00	4.20	
144 Azobenzene	77	7.958	7.958	0.000	0	561589	4.00	4.10	
79 1,2-Diphenylhydrazine	77	7.958	7.958	0.000	51	561827	4.00	4.11	
$ 80 2,4,6-Tribromophenol	330	8.028	8.028	0.000	95	78051	4.00	4.17	
81 4-Bromophenyl phenyl ether	248	8.268	8.268	0.000	88	126247	4.00	4.18	
82 Hexachlorobenzene	284	8.323	8.323	0.000	96	161984	4.00	4.11	
83 Atrazine	200	8.428	8.428	0.000	89	87578	3.20	3.41	
84 Pentachlorophenol	266	8.505	8.505	0.000	95	191926	8.00	8.09	
85 Pentachloronitrobenzene	237	8.521	8.521	0.000	88	49579	4.00	4.01	
87 n-Octadecane	57	8.611	8.611	0.000	93	390236	4.00	4.13	

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	8.687	8.687	0.000	99	1152097	8.00	8.00	
89 Phenanthrene	178	8.707	8.707	0.000	98	676845	4.00	4.14	
90 Anthracene	178	8.758	8.758	0.000	98	686651	4.00	4.13	
91 Carbazole	167	8.908	8.908	0.000	96	609352	4.00	4.11	
92 Di-n-butyl phthalate	149	9.256	9.256	0.000	100	668079	4.00	4.02	
93 Fluoranthene	202	9.832	9.832	0.000	97	657332	4.00	4.18	
94 Benzidine	184	9.960	9.960	0.000	100	324972	4.00	4.12	
95 Pyrene	202	10.043	10.043	0.000	96	685842	4.00	4.34	
96 Bisphenol-A	213	10.097	10.097	0.000	98	211017	4.00	3.96	
$ 97 Terphenyl-d14	244	10.203	10.203	0.000	98	509172	4.00	4.14	
98 Butyl benzyl phthalate	149	10.711	10.711	0.000	97	248605	4.00	4.12	
100 Carbamazepine	193	10.804	10.804	0.000	93	165539	4.00	3.63	
101 3,3'-Dichlorobenzidine	252	11.274	11.274	0.000	99	207968	4.00	4.29	
102 Benzo[a]anthracene	228	11.297	11.297	0.000	100	588887	4.00	4.18	
* 103 Chrysene-d12	240	11.306	11.306	0.000	99	887975	8.00	8.00	
104 Chrysene	228	11.335	11.335	0.000	98	556805	4.00	4.16	
105 Bis(2-ethylhexyl) phthalate	149	11.380	11.380	0.000	90	358133	4.00	4.14	
106 Di-n-octyl phthalate	149	12.218	12.218	0.000	97	561146	4.00	4.22	
107 Benzo[b]fluoranthene	252	12.660	12.660	0.000	98	566809	4.00	4.26	
108 Benzo[k]fluoranthene	252	12.695	12.695	0.000	99	616411	4.00	4.45	
109 Benzo[a]pyrene	252	13.104	13.104	0.000	97	503784	4.00	4.45	
* 110 Perylene-d12	264	13.184	13.184	0.000	99	927708	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.730	14.730	0.000	98	529149	4.00	4.36	
112 Dibenz(a,h)anthracene	278	14.781	14.781	0.000	97	587833	4.00	4.36	
113 Benzo[g,h,i]perylene	276	15.156	15.156	0.000	96	603212	4.00	4.13	
S 114 Total Cresols	1				0			8.23	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00008 Amount Added: 1.00 Units: mL

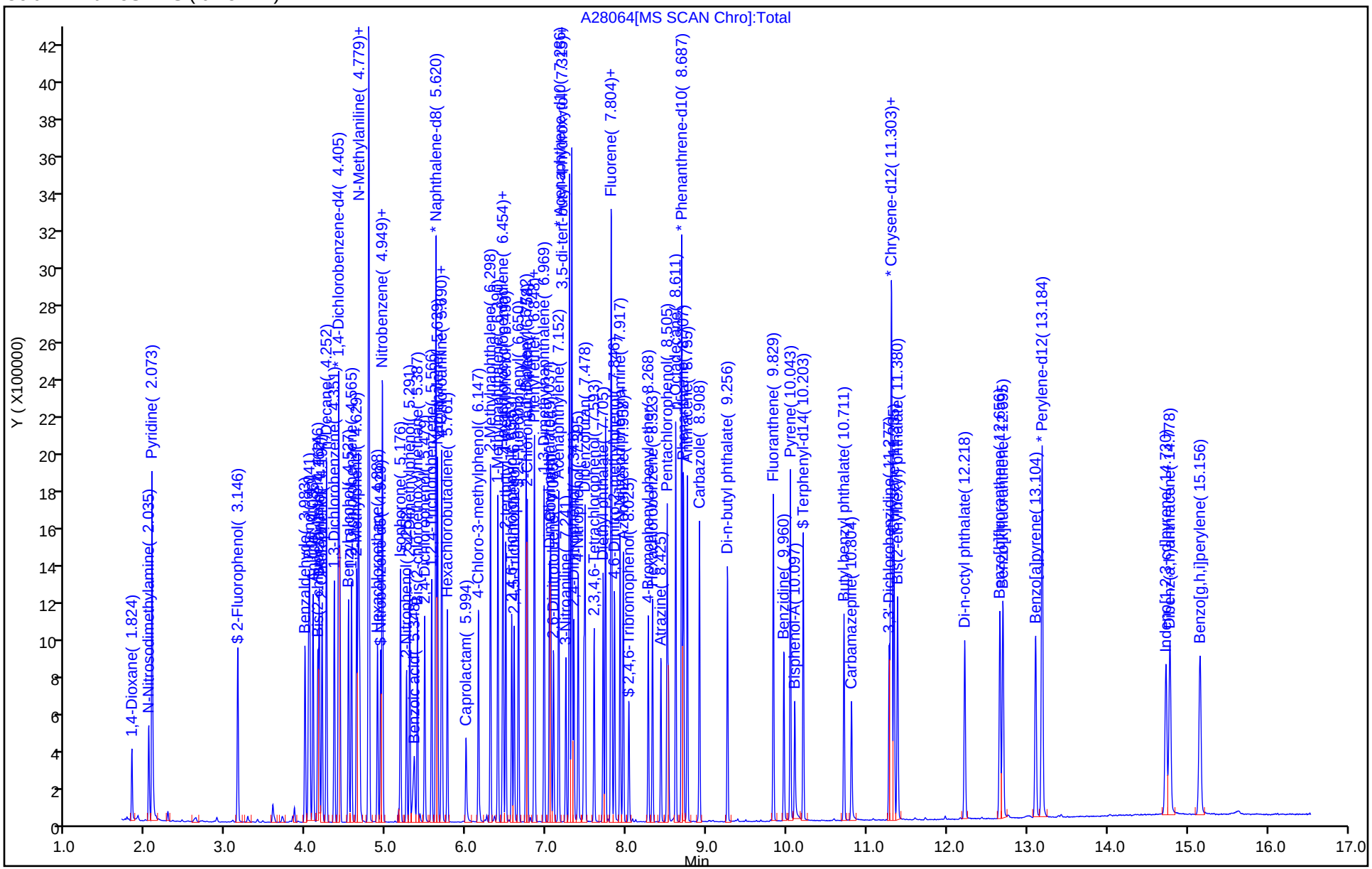
Report Date: 17-Oct-2023 13:06:53 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28064.D

Injection Date:	17-Oct-2023 08:19:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28066.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Oct-2023 09:01:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-006
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:06:56 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 09:20:01

	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	1.830	1.824	0.006	99	64843	2.00	2.11	
	2 N-Nitrosodimethylamine	74	2.041	2.035	0.006	87	102462	2.00	2.03	
	3 Pyridine	79	2.082	2.073	0.009	89	328034	4.00	4.22	
$	4 2-Fluorophenol	112	3.146	3.146	0.000	93	136218	2.00	2.06	
	5 Benzaldehyde	77	3.986	3.983	0.003	95	129249	2.00	2.04	
$	6 Phenol-d5	99	4.028	4.028	0.000	0	167042	2.00	2.09	
	7 Phenol	94	4.040	4.044	-0.004	98	187604	2.00	2.05	
	8 Aniline	93	4.085	4.086	-0.001	100	223333	2.00	2.04	
	9 Bis(2-chloroethyl)ether	93	4.143	4.143	0.000	94	148481	2.00	2.07	
	10 Benzonitrile	103	4.162	4.162	0.000	100	265885	NC	NC	
	11 2-Chlorophenol	128	4.197	4.197	0.000	92	139987	2.00	2.03	
	12 n-Decane	43	4.251	4.252	-0.001	95	213644	2.00	2.11	
	13 1,3-Dichlorobenzene	146	4.350	4.351	-0.001	94	158043	2.00	2.08	
*	14 1,4-Dichlorobenzene-d4	152	4.405	4.405	0.000	98	374289	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.421	4.421	0.000	95	158637	2.00	2.05	
	17 Benzyl alcohol	108	4.526	4.527	-0.001	91	85777	2.00	1.98	
	18 1,2-Dichlorobenzene	146	4.565	4.565	0.000	94	149981	2.00	2.06	
	19 2-Methylphenol	108	4.629	4.629	-0.001	88	126658	2.00	2.01	
	20 2,2'-oxybis[1-chloropropane]	45	4.664	4.664	0.000	94	252805	2.00	2.10	
	21 N-Methylaniline	106	4.776	4.776	0.000	79	217084	2.00	2.11	
	24 3 & 4 Methylphenol	108	4.776	4.779	-0.003	0	147214	2.00	2.02	
	25 4-Methylphenol	108	4.776	4.779	-0.003	82	147214	2.00	2.03	
	23 N-Nitrosodi-n-propylamine	70	4.782	4.786	-0.004	80	109626	2.00	2.06	
	22 Acetophenone	105	4.782	4.786	-0.004	89	203715	2.00	2.07	
	26 Hexachloroethane	117	4.887	4.888	-0.001	95	56444	2.00	2.01	
$	27 Nitrobenzene-d5	82	4.926	4.929	-0.003	89	150674	2.00	2.06	
	28 Nitrobenzene	123	4.945	4.945	0.000	92	69721	2.00	2.13	
	29 n,n'-Dimethylaniline	120	4.951	4.952	-0.001	93	211054	2.00	2.01	
	30 Isophorone	82	5.175	5.176	-0.001	99	276368	2.00	2.10	
	31 2-Nitrophenol	139	5.252	5.252	0.000	89	70084	2.00	2.03	
	33 2,4-Dimethylphenol	122	5.290	5.291	-0.001	90	111139	2.00	2.02	

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	5.332	5.348	-0.016	90	50365	2.00	1.89	
34 Bis(2-chloroethoxy)methane	93	5.386	5.387	-0.001	96	166027	2.00	2.01	
36 2,4-Dichlorophenol	162	5.479	5.479	0.000	94	102043	2.00	1.99	
37 1,2,4-Trichlorobenzene	180	5.565	5.566	-0.001	94	117676	2.00	2.06	
* 38 Naphthalene-d8	136	5.619	5.620	-0.001	99	1403925	8.00	8.00	
39 Naphthalene	128	5.639	5.639	-0.001	99	418613	2.00	2.06	
40 4-Chloroaniline	127	5.686	5.687	-0.001	96	162496	2.00	2.17	
41 2,6-Dichlorophenol	162	5.693	5.694	-0.001	92	103048	2.00	2.02	
43 Hexachlorobutadiene	225	5.760	5.761	-0.001	96	62704	2.00	2.09	
44 Caprolactam	113	5.990	5.994	-0.004	90	32236	2.00	2.10	
45 4-Chloro-3-methylphenol	107	6.147	6.147	0.000	97	102543	2.00	1.99	
46 2-Methylnaphthalene	142	6.297	6.298	-0.001	85	255592	2.00	2.05	
47 1-Methylnaphthalene	142	6.390	6.390	0.000	93	236758	2.00	2.06	
48 Hexachlorocyclopentadiene	237	6.450	6.451	-0.001	96	74372	2.00	1.98	
49 1,2,4,5-Tetrachlorobenzene	216	6.457	6.458	-0.001	96	110396	2.00	2.01	
50 2-tertbutyl-4-methylphenol	149	6.489	6.490	-0.001	90	137987	2.00	1.98	
51 2,4,6-Trichlorophenol	196	6.562	6.563	-0.001	89	69130	2.00	2.09	
52 2,4,5-Trichlorophenol	196	6.594	6.595	-0.001	96	73236	2.00	1.96	
$ 53 2-Fluorobiphenyl	172	6.649	6.650	-0.001	97	263780	2.00	2.02	
54 1,1'-Biphenyl	154	6.741	6.742	-0.001	97	306820	2.00	2.04	
55 2-Chloronaphthalene	162	6.757	6.758	-0.001	97	230923	2.00	2.02	
56 Phenyl ether	170	6.844	6.845	-0.001	90	151286	2.00	1.92	
57 2-Nitroaniline	65	6.850	6.851	-0.001	94	92182	2.00	2.04	
58 1,3-Dimethylnaphthalene	156	6.968	6.969	-0.001	92	176052	2.00	1.97	
59 Dimethyl phthalate	163	7.032	7.037	-0.005	98	247458	2.00	2.05	
60 Coumarin	146	7.048	7.049	-0.001	78	78541	2.00	1.98	
61 2,6-Dinitrotoluene	165	7.084	7.088	-0.004	94	56412	2.00	2.09	
62 Acenaphthylene	152	7.151	7.152	-0.001	97	379112	2.00	2.03	
63 3-Nitroaniline	138	7.240	7.241	-0.001	94	62953	2.00	2.03	
* 64 Acenaphthene-d10	164	7.285	7.286	-0.001	96	708084	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.314	7.315	-0.001	98	185431	2.00	1.92	
66 Acenaphthene	154	7.314	7.315	-0.001	97	219972	2.00	2.00	
67 2,4-Dinitrophenol	184	7.339	7.341	-0.002	92	60220	4.00	3.56	
68 4-Nitrophenol	65	7.391	7.395	-0.004	95	104487	4.00	4.03	
69 2,4-Dinitrotoluene	165	7.464	7.465	-0.001	94	72918	2.00	2.18	
70 Dibenzofuran	168	7.477	7.478	-0.001	97	329491	2.00	2.06	
71 2,3,4,6-Tetrachlorophenol	232	7.592	7.593	-0.001	92	57420	2.00	1.97	
72 Diethyl phthalate	149	7.704	7.705	-0.001	98	240141	2.00	2.06	
73 Fluorene	166	7.803	7.804	-0.001	94	261892	2.00	2.04	
74 4-Chlorophenyl phenyl ether	204	7.806	7.808	-0.002	87	121113	2.00	2.04	
75 4-Nitroaniline	138	7.809	7.814	-0.005	97	62248	2.00	2.00	
76 4,6-Dinitro-2-methylphenol	198	7.845	7.846	-0.001	81	77507	4.00	3.73	
78 N-Nitrosodiphenylamine	169	7.915	7.917	-0.001	70	179108	2.00	2.00	
144 Azobenzene	77	7.957	7.958	-0.001	0	287303	2.00	1.99	
79 1,2-Diphenylhydrazine	77	7.957	7.958	-0.001	51	287331	2.00	1.99	
$ 80 2,4,6-Tribromophenol	330	8.027	8.028	-0.001	94	41882	2.00	2.14	
81 4-Bromophenyl phenyl ether	248	8.267	8.268	-0.001	86	64053	2.00	2.01	
82 Hexachlorobenzene	284	8.321	8.323	-0.002	96	84612	2.00	2.03	
83 Atrazine	200	8.427	8.428	-0.001	89	55044	2.00	2.03	
84 Pentachlorophenol	266	8.503	8.505	-0.002	95	94395	4.00	3.77	
85 Pentachloronitrobenzene	237	8.519	8.521	-0.002	89	24751	2.00	1.89	
87 n-Octadecane	57	8.612	8.611	0.001	94	201188	2.00	2.02	

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	8.686	8.687	-0.001	99	1217776	8.00	8.00	
89 Phenanthrene	178	8.708	8.707	0.001	98	350963	2.00	2.03	
90 Anthracene	178	8.756	8.758	-0.002	98	355502	2.00	2.02	
91 Carbazole	167	8.906	8.908	-0.002	96	317896	2.00	2.03	
92 Di-n-butyl phthalate	149	9.258	9.256	0.002	100	338483	2.00	1.93	
93 Fluoranthene	202	9.830	9.832	-0.002	97	335958	2.00	2.02	
94 Benzidine	184	9.961	9.960	0.001	99	160709	2.00	1.93	
95 Pyrene	202	10.041	10.043	-0.002	96	355599	2.00	2.11	
96 Bisphenol-A	213	10.098	10.097	0.001	98	92990	2.00	1.90	
$ 97 Terphenyl-d14	244	10.201	10.203	-0.002	98	272587	2.00	2.08	
98 Butyl benzyl phthalate	149	10.712	10.711	0.001	97	120296	2.00	1.87	
100 Carbamazepine	193	10.805	10.804	0.001	94	74272	2.00	1.92	
101 3,3'-Dichlorobenzidine	252	11.275	11.274	0.001	99	102119	2.00	1.97	
102 Benzo[a]anthracene	228	11.294	11.297	-0.003	100	306407	2.00	2.04	
* 103 Chrysene-d12	240	11.307	11.306	0.001	99	948168	8.00	8.00	
104 Chrysene	228	11.336	11.335	0.001	99	285818	2.00	2.00	
105 Bis(2-ethylhexyl) phthalate	149	11.381	11.380	0.001	90	168319	2.00	1.88	
106 Di-n-octyl phthalate	149	12.219	12.218	0.000	97	247686	2.00	1.75	
107 Benzo[b]fluoranthene	252	12.657	12.660	-0.003	98	297175	2.00	2.10	
108 Benzo[k]fluoranthene	252	12.695	12.695	0.000	99	312199	2.00	2.11	
109 Benzo[a]pyrene	252	13.101	13.104	-0.003	96	253246	2.00	2.10	
* 110 Perylene-d12	264	13.185	13.184	0.001	98	988615	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.727	14.730	-0.003	99	266128	2.00	2.06	
112 Dibenz(a,h)anthracene	278	14.775	14.781	-0.006	98	297345	2.00	2.07	
113 Benzo[g,h,i]perylene	276	15.153	15.156	-0.003	91	311136	2.00	2.00	
S 114 Total Cresols	1				0			4.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00007 Amount Added: 1.00 Units: mL

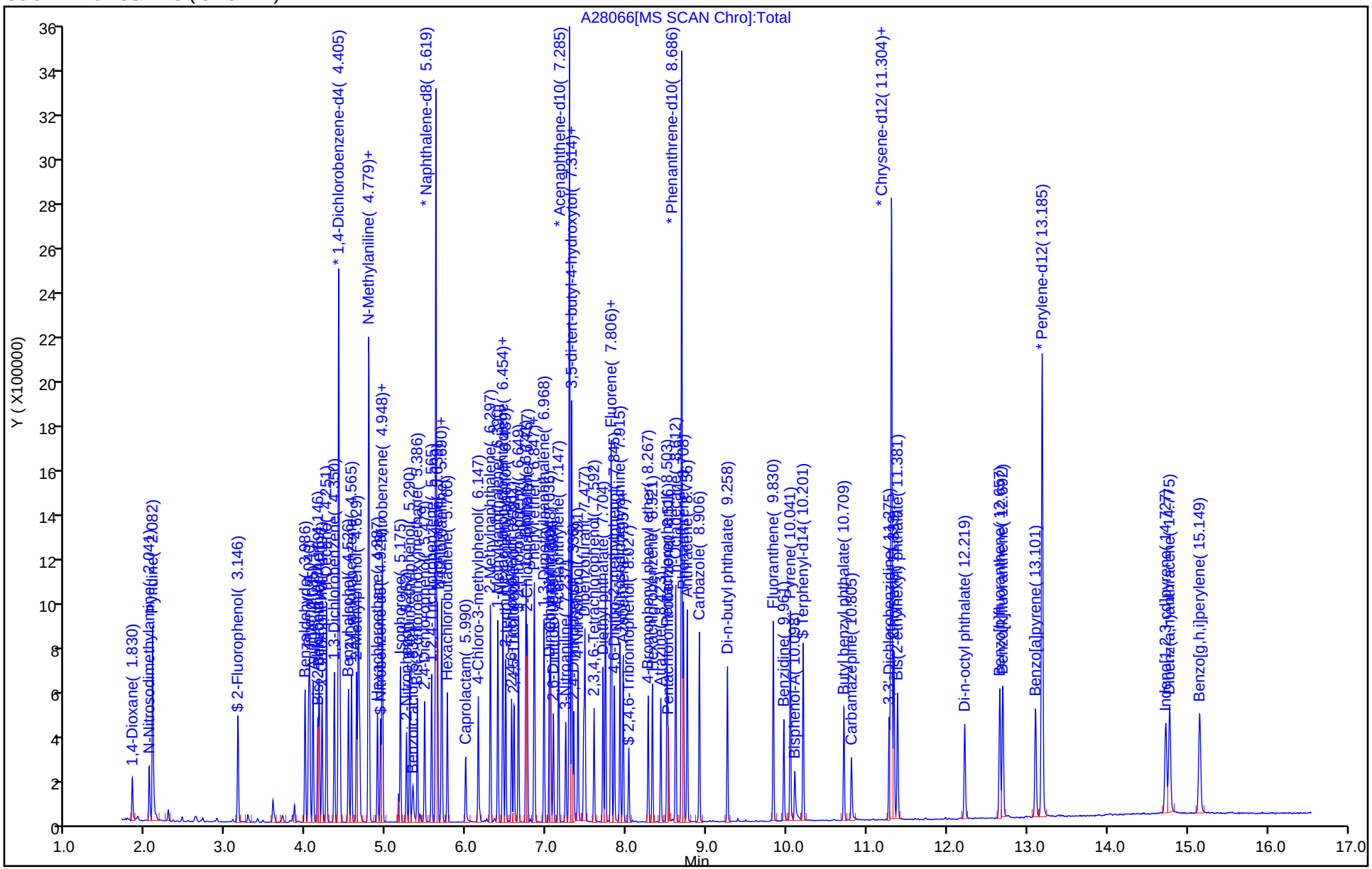
Report Date: 17-Oct-2023 13:06:59 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28066.D

Injection Date:	17-Oct-2023 09:01:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28068.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Oct-2023 09:43:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-007
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:07:03 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 10:02:03

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	1.833	1.824	0.009	97	31397	1.00	0.99	
2 N-Nitrosodimethylamine	74	2.044	2.035	0.009	89	53404	1.00	1.03	
3 Pyridine	79	2.089	2.073	0.016	89	166290	2.00	2.08	
$ 4 2-Fluorophenol	112	3.149	3.146	0.003	91	66560	1.00	0.9787	
5 Benzaldehyde	77	3.986	3.983	0.003	93	68246	1.00	1.05	
$ 6 Phenol-d5	99	4.028	4.028	0.000	0	85454	1.00	1.04	
7 Phenol	94	4.040	4.044	-0.004	98	93990	1.00	1.00	
8 Aniline	93	4.085	4.086	-0.001	100	112842	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	4.143	4.143	0.000	93	73354	1.00	1.00	
10 Benzonitrile	103	4.159	4.162	-0.003	99	136225	NC	NC	
11 2-Chlorophenol	128	4.197	4.197	0.000	97	72179	1.00	1.02	
12 n-Decane	43	4.251	4.252	-0.001	93	109248	1.00	1.05	
13 1,3-Dichlorobenzene	146	4.350	4.351	-0.001	93	80914	1.00	1.04	
* 14 1,4-Dichlorobenzene-d4	152	4.405	4.405	0.000	98	384821	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.421	4.421	0.000	92	83000	1.00	1.04	
17 Benzyl alcohol	108	4.526	4.527	-0.001	93	43145	1.00	0.9677	
18 1,2-Dichlorobenzene	146	4.564	4.565	-0.001	94	76413	1.00	1.02	
19 2-Methylphenol	108	4.628	4.629	-0.001	89	65447	1.00	1.01	
20 2,2'-oxybis[1-chloropropane]	45	4.664	4.664	0.000	93	129552	1.00	1.05	
21 N-Methylaniline	106	4.775	4.776	-0.001	79	106792	1.00	1.01	
24 3 & 4 Methylphenol	108	4.775	4.779	-0.004	0	73703	1.00	0.9860	
25 4-Methylphenol	108	4.775	4.779	-0.004	83	73703	1.00	0.9875	
23 N-Nitrosodi-n-propylamine	70	4.782	4.786	-0.004	80	56248	1.00	1.03	
22 Acetophenone	105	4.782	4.786	-0.004	90	102424	1.00	1.01	
26 Hexachloroethane	117	4.887	4.888	-0.001	95	29790	1.00	1.03	
$ 27 Nitrobenzene-d5	82	4.926	4.929	-0.003	93	75160	1.00	0.99	
28 Nitrobenzene	123	4.945	4.945	0.000	92	35205	1.00	1.05	
29 n,n'-Dimethylaniline	120	4.951	4.952	-0.001	94	108051	1.00	1.00	
30 Isophorone	82	5.175	5.176	-0.001	99	132356	1.00	0.9733	
31 2-Nitrophenol	139	5.251	5.252	-0.001	86	32627	1.00	0.9141	
33 2,4-Dimethylphenol	122	5.290	5.291	-0.001	90	54669	1.00	0.9635	

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	5.325	5.348	-0.023	87	20902	1.00	1.15	
34 Bis(2-chloroethoxy)methane	93	5.386	5.387	-0.001	98	84531	1.00	0.99	
36 2,4-Dichlorophenol	162	5.478	5.479	-0.001	94	50381	1.00	0.9521	
37 1,2,4-Trichlorobenzene	180	5.565	5.566	-0.001	94	60944	1.00	1.04	
* 38 Naphthalene-d8	136	5.619	5.620	-0.001	99	1449263	8.00	8.00	
39 Naphthalene	128	5.638	5.639	-0.001	99	211652	1.00	1.01	
40 4-Chloroaniline	127	5.686	5.687	-0.001	96	78726	1.00	1.02	
41 2,6-Dichlorophenol	162	5.693	5.694	-0.001	95	52313	1.00	1.00	
43 Hexachlorobutadiene	225	5.760	5.761	-0.001	95	32093	1.00	1.04	
44 Caprolactam	113	5.987	5.994	-0.008	89	14104	1.00	0.9651	
45 4-Chloro-3-methylphenol	107	6.146	6.147	-0.001	97	48472	1.00	0.9106	
46 2-Methylnaphthalene	142	6.300	6.298	0.002	84	128683	1.00	1.00	
47 1-Methylnaphthalene	142	6.392	6.390	0.002	93	119413	1.00	1.01	
48 Hexachlorocyclopentadiene	237	6.450	6.451	-0.001	96	37176	1.00	0.9800	
49 1,2,4,5-Tetrachlorobenzene	216	6.456	6.458	-0.002	96	56910	1.00	1.02	
50 2-tertbutyl-4-methylphenol	149	6.488	6.490	-0.002	91	66903	1.00	0.9292	
51 2,4,6-Trichlorophenol	196	6.565	6.563	0.002	88	32602	1.00	0.9764	
52 2,4,5-Trichlorophenol	196	6.594	6.595	-0.001	95	35974	1.00	0.9529	
$ 53 2-Fluorobiphenyl	172	6.648	6.650	-0.002	97	132462	1.00	1.01	
54 1,1'-Biphenyl	154	6.741	6.742	-0.001	97	148717	1.00	0.9800	
55 2-Chloronaphthalene	162	6.757	6.758	-0.001	97	115078	1.00	1.00	
56 Phenyl ether	170	6.843	6.845	-0.002	92	78615	1.00	0.9881	
57 2-Nitroaniline	65	6.849	6.851	-0.002	94	42795	1.00	0.9371	
58 1,3-Dimethylnaphthalene	156	6.968	6.969	-0.001	90	85796	1.00	0.9508	
59 Dimethyl phthalate	163	7.032	7.037	-0.005	98	121122	1.00	0.99	
60 Coumarin	146	7.048	7.049	-0.001	77	37576	1.00	0.9178	
61 2,6-Dinitrotoluene	165	7.086	7.088	-0.002	92	26259	1.00	0.9643	
62 Acenaphthylene	152	7.150	7.152	-0.002	97	183730	1.00	0.9765	
63 3-Nitroaniline	138	7.239	7.241	-0.002	94	28328	1.00	0.9064	
* 64 Acenaphthene-d10	164	7.284	7.286	-0.002	96	714970	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.313	7.315	-0.002	97	89668	1.00	0.9218	
66 Acenaphthene	154	7.313	7.315	-0.002	97	110463	1.00	1.00	
67 2,4-Dinitrophenol	184	7.339	7.341	-0.002	92	25951	2.00	1.52	
68 4-Nitrophenol	65	7.390	7.395	-0.005	94	47770	2.00	1.82	
69 2,4-Dinitrotoluene	165	7.463	7.465	-0.002	92	33622	1.00	0.99	
70 Dibenzofuran	168	7.479	7.478	0.001	96	162927	1.00	1.01	
71 2,3,4,6-Tetrachlorophenol	232	7.591	7.593	-0.002	92	26749	1.00	0.9092	
72 Diethyl phthalate	149	7.703	7.705	-0.002	98	115861	1.00	0.9831	
73 Fluorene	166	7.802	7.804	-0.002	94	129211	1.00	1.00	
74 4-Chlorophenyl phenyl ether	204	7.809	7.808	0.000	84	58093	1.00	0.9675	
75 4-Nitroaniline	138	7.809	7.814	-0.006	95	28468	1.00	0.9078	
76 4,6-Dinitro-2-methylphenol	198	7.844	7.846	-0.002	79	33719	2.00	1.61	
78 N-Nitrosodiphenylamine	169	7.917	7.917	0.001	68	88166	1.00	0.9757	
144 Azobenzene	77	7.956	7.958	-0.002	0	143095	1.00	0.9791	
79 1,2-Diphenylhydrazine	77	7.956	7.958	-0.002	51	143095	1.00	0.9791	
$ 80 2,4,6-Tribromophenol	330	8.026	8.028	-0.002	93	18419	1.00	0.9311	
81 4-Bromophenyl phenyl ether	248	8.269	8.268	0.001	87	29764	1.00	0.9232	
82 Hexachlorobenzene	284	8.320	8.323	-0.003	96	41864	1.00	0.99	
83 Atrazine	200	8.425	8.428	-0.003	89	26841	1.00	0.9789	
84 Pentachlorophenol	266	8.505	8.505	0.000	94	42348	2.00	1.67	
85 Pentachloronitrobenzene	237	8.518	8.521	-0.003	89	11765	1.00	0.8908	
87 n-Octadecane	57	8.611	8.611	0.000	93	94456	1.00	0.9366	

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	8.684	8.687	-0.003	99	1230537	8.00	8.00	
89 Phenanthrene	178	8.707	8.707	0.000	98	174158	1.00	1.00	
90 Anthracene	178	8.755	8.758	-0.003	98	171788	1.00	0.9666	
91 Carbazole	167	8.905	8.908	-0.003	96	149241	1.00	0.9429	
92 Di-n-butyl phthalate	149	9.256	9.256	0.000	100	153199	1.00	0.8635	
93 Fluoranthene	202	9.828	9.832	-0.004	97	161758	1.00	0.9633	
94 Benzidine	184	9.959	9.960	-0.001	99	69707	1.00	0.8271	
95 Pyrene	202	10.042	10.043	-0.001	96	171674	1.00	1.02	
96 Bisphenol-A	213	10.100	10.097	0.003	97	36664	1.00	1.03	
$ 97 Terphenyl-d14	244	10.202	10.203	-0.001	98	130689	1.00	1.00	
98 Butyl benzyl phthalate	149	10.711	10.711	-0.001	97	51320	1.00	0.7999	
100 Carbamazepine	193	10.803	10.804	-0.001	93	29591	1.00	1.18	
101 3,3'-Dichlorobenzidine	252	11.276	11.274	0.002	99	45533	1.00	0.8843	
102 Benzo[a]anthracene	228	11.296	11.297	-0.001	99	145821	1.00	0.9741	
* 103 Chrysene-d12	240	11.305	11.306	-0.001	99	943494	8.00	8.00	
104 Chrysene	228	11.334	11.335	-0.001	98	142002	1.00	1.00	
105 Bis(2-ethylhexyl) phthalate	149	11.379	11.380	-0.001	90	71803	1.00	0.8595	
106 Di-n-octyl phthalate	149	12.220	12.218	0.002	97	100609	1.00	0.6971	
107 Benzo[b]fluoranthene	252	12.654	12.660	-0.006	98	138020	1.00	0.9547	
108 Benzo[k]fluoranthene	252	12.693	12.695	-0.002	99	150598	1.00	1.00	
109 Benzo[a]pyrene	252	13.102	13.104	-0.002	96	116939	1.00	0.9501	
* 110 Perylene-d12	264	13.185	13.184	0.001	98	1007534	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.727	14.730	-0.003	98	124791	1.00	0.9475	
112 Dibenz(a,h)anthracene	278	14.775	14.781	-0.006	97	140310	1.00	0.9576	
113 Benzo[g,h,i]perylene	276	15.150	15.156	-0.006	97	149049	1.00	0.9388	
S 114 Total Cresols	1				0			2.00	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL4_LVI_00007 Amount Added: 1.00 Units: mL

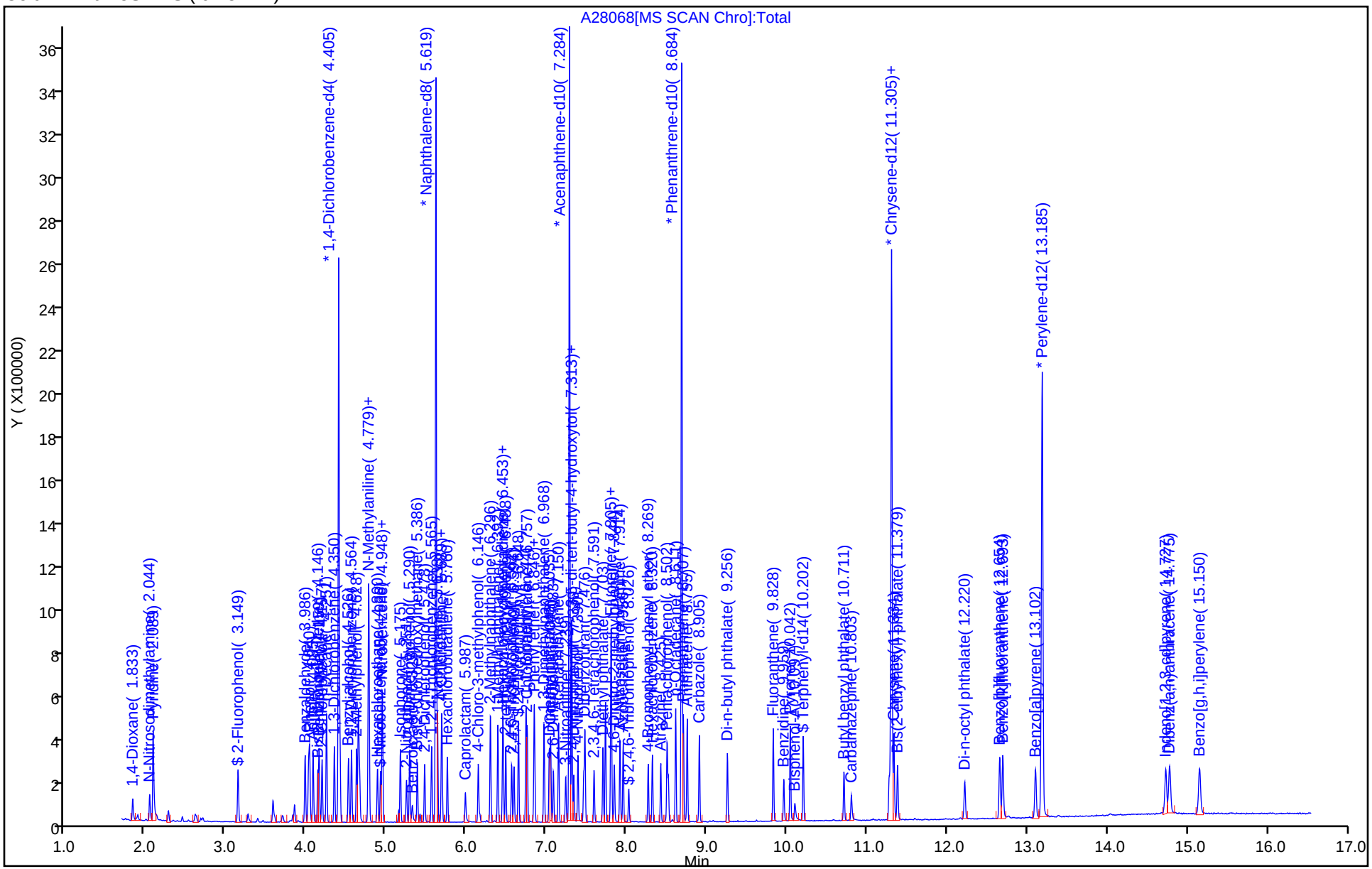
Report Date: 17-Oct-2023 13:07:05 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28068.D

Injection Date:	17-Oct-2023 09:43:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28070.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Oct-2023 10:25:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-008
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:07:08 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 10:45:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.986	3.983	0.003	93	25312	0.4000	0.3754	
* 14 1,4-Dichlorobenzene-d4	152	4.404	4.405	-0.001	98	399185	8.00	8.00	
* 38 Naphthalene-d8	136	5.618	5.620	-0.002	99	1505809	8.00	8.00	
44 Caprolactam	113	5.986	5.994	-0.008	88	3686	0.4000	0.3393	
* 64 Acenaphthene-d10	164	7.283	7.286	-0.003	96	743800	8.00	8.00	
83 Atrazine	200	8.424	8.428	-0.004	88	9431	0.4000	0.3330	
* 88 Phenanthrene-d10	188	8.686	8.687	-0.001	99	1271203	8.00	8.00	
* 103 Chrysene-d12	240	11.306	11.306	0.000	99	992389	8.00	8.00	
* 110 Perylene-d12	264	13.186	13.184	0.002	99	1066640	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00007 Amount Added: 1.00 Units: mL

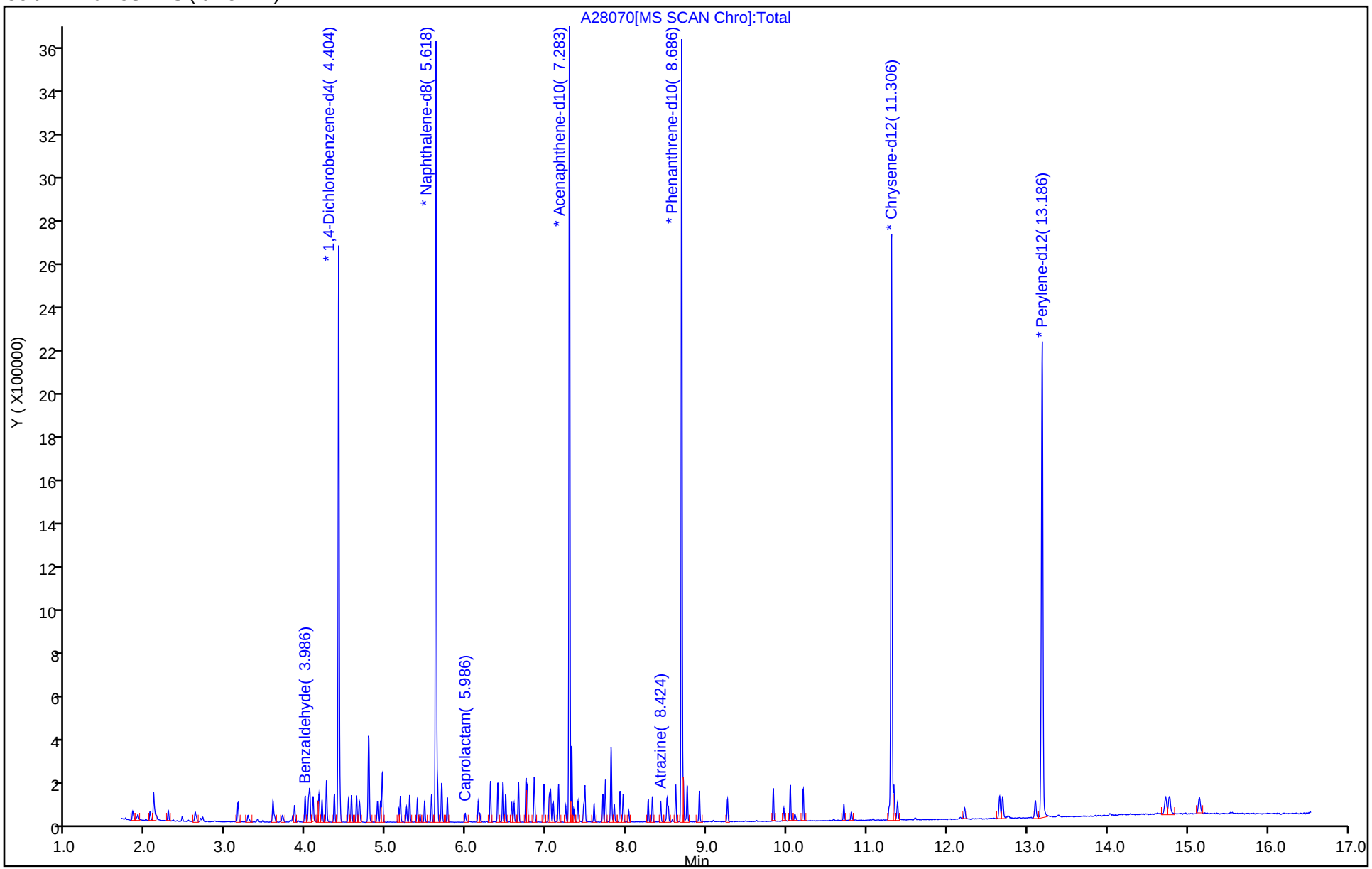
Report Date: 17-Oct-2023 13:07:10 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28070.D

Injection Date:	17-Oct-2023 10:25:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28072.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Oct-2023 11:08:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-009
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:07:11 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 11:29:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.105	2.073	0.032	91	26646	0.4000	0.3460	
$ 4 2-Fluorophenol	112	3.149	3.146	0.003	92	11456	0.2000	0.1746	
5 Benzaldehyde	77	3.986	3.983	0.003	94	11992	0.2000	0.1912	
$ 6 Phenol-d5	99	4.027	4.028	-0.001	0	14164	0.2000	0.1788	
9 Bis(2-chloroethyl)ether	93	4.146	4.143	0.003	91	13815	0.2000	0.1944	
* 14 1,4-Dichlorobenzene-d4	152	4.404	4.405	-0.001	98	371232	8.00	8.00	
21 N-Methylaniline	106	4.775	4.776	-0.001	78	18609	0.2000	0.1828	
23 N-Nitrosodi-n-propylamine	70	4.781	4.786	-0.005	77	9827	0.2000	0.1864	
26 Hexachloroethane	117	4.890	4.888	0.002	93	5639	0.2000	0.2029	
$ 27 Nitrobenzene-d5	82	4.925	4.929	-0.004	92	12433	0.2000	0.1701	
28 Nitrobenzene	123	4.947	4.945	0.002	91	5529	0.2000	0.1705	
29 n,n'-Dimethylaniline	120	4.950	4.952	-0.002	91	21126	0.2000	0.2025	
30 Isophorone	82	5.174	5.176	-0.002	99	22736	0.2000	0.1729	
37 1,2,4-Trichlorobenzene	180	5.564	5.566	-0.002	94	10802	0.2000	0.1899	
* 38 Naphthalene-d8	136	5.618	5.620	-0.002	99	1401356	8.00	8.00	
39 Naphthalene	128	5.637	5.639	-0.002	98	39102	0.2000	0.1932	
40 4-Chloroaniline	127	5.688	5.687	0.001	95	13298	0.2000	0.1781	
43 Hexachlorobutadiene	225	5.762	5.761	0.001	89	5748	0.2000	0.1921	
44 Caprolactam	113	5.989	5.994	-0.005	86	1405	0.2000	0.2151	
46 2-Methylnaphthalene	142	6.298	6.298	0.000	87	23837	0.2000	0.1916	
47 1-Methylnaphthalene	142	6.391	6.390	0.001	93	21598	0.2000	0.1884	
50 2-tertbutyl-4-methylphenol	149	6.490	6.490	0.000	89	11184	0.2000	0.1606	
51 2,4,6-Trichlorophenol	196	6.564	6.563	0.001	84	4884	0.2000	0.1503	
$ 53 2-Fluorobiphenyl	172	6.647	6.650	-0.003	97	25054	0.2000	0.1956	
61 2,6-Dinitrotoluene	165	7.084	7.088	-0.004	92	4549	0.2000	0.1717	
* 64 Acenaphthene-d10	164	7.282	7.286	-0.004	96	695692	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.461	7.465	-0.004	87	4197	0.2000	0.1274	a
$ 80 2,4,6-Tribromophenol	330	8.024	8.028	-0.004	77	2439	0.2000	0.1267	
82 Hexachlorobenzene	284	8.321	8.323	-0.002	96	7804	0.2000	0.1928	
83 Atrazine	200	8.423	8.428	-0.005	89	4149	0.2000	0.1574	
* 88 Phenanthrene-d10	188	8.685	8.687	-0.002	99	1182943	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.829	9.832	-0.003	96	27456	0.2000	0.1701	
95 Pyrene	202	10.039	10.043	-0.004	94	28392	0.2000	0.1751	
$ 97 Terphenyl-d14	244	10.202	10.203	-0.001	98	22134	0.2000	0.1755	
101 3,3'-Dichlorobenzidine	252	11.273	11.274	-0.001	96	6388	0.2000	0.1284	
102 Benzo[a]anthracene	228	11.295	11.297	-0.002	98	27288	0.2000	0.1887	
* 103 Chrysene-d12	240	11.305	11.306	-0.001	99	911329	8.00	8.00	
104 Chrysene	228	11.334	11.335	-0.001	98	27115	0.2000	0.1975	
105 Bis(2-ethylhexyl) phthalate	149	11.378	11.380	-0.002	90	10055	0.2000	0.2062	
107 Benzo[b]fluoranthene	252	12.654	12.660	-0.006	98	24169	0.2000	0.1754	
108 Benzo[k]fluoranthene	252	12.692	12.695	-0.003	97	24283	0.2000	0.1692	
109 Benzo[a]pyrene	252	13.101	13.104	-0.003	95	18551	0.2000	0.1581	
* 110 Perylene-d12	264	13.184	13.184	0.000	97	960301	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.723	14.730	-0.007	98	20016	0.2000	0.1594	
112 Dibenz(a,h)anthracene	278	14.774	14.781	-0.007	96	22874	0.2000	0.1638	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00005 Amount Added: 1.00 Units: mL

Report Date: 17-Oct-2023 13:07:14 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28072.D

Injection Date: 17-Oct-2023 11:08:30 Instrument ID: CBNAMS16 Operator ID:

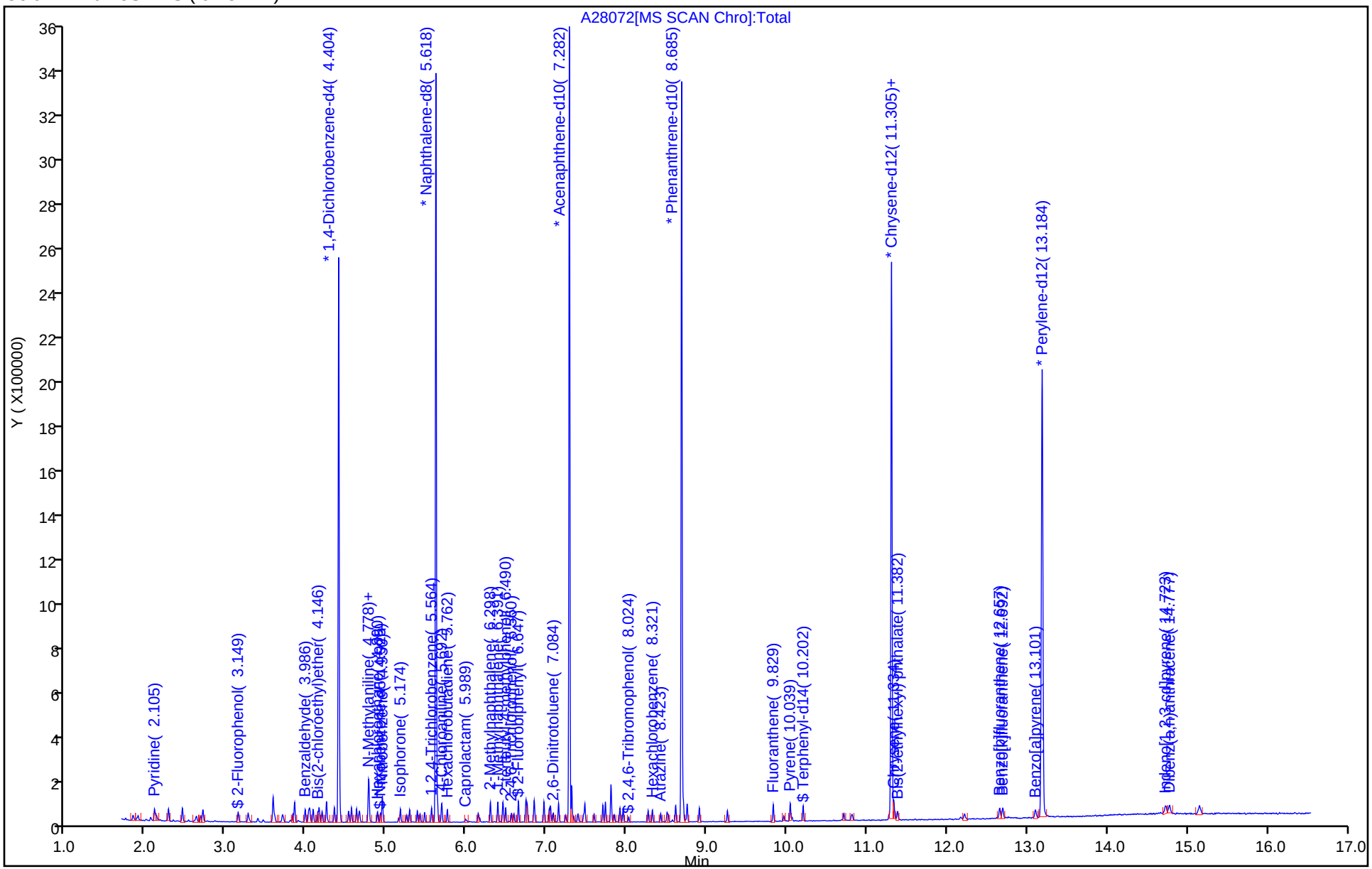
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

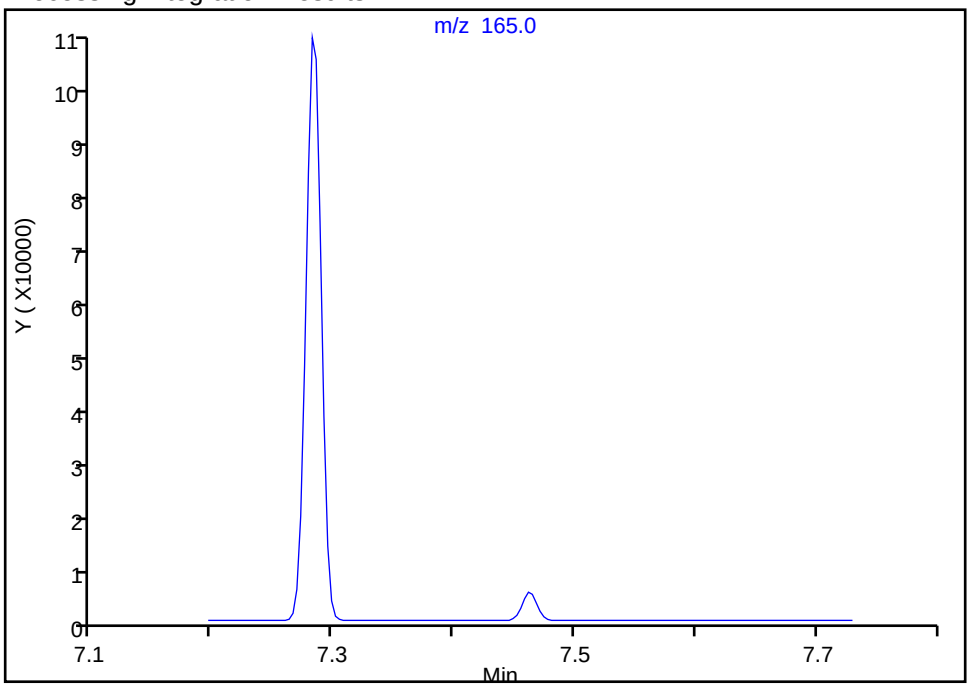
Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28072.D				
Injection Date:	17-Oct-2023 11:08:30	Instrument ID:	CBNAMS16		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

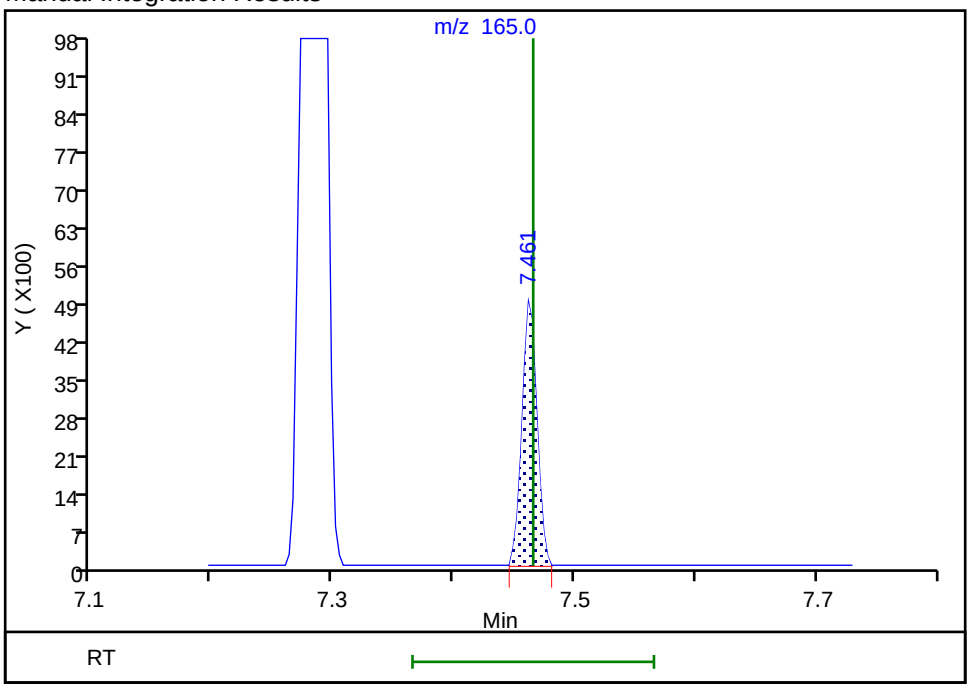
Not Detected
Expected RT: 7.47

Processing Integration Results



Manual Integration Results

RT: 7.46
Area: 4197
Amount: 0.127432
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 11:29:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28074.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Oct-2023 11:50:30 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-010
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:07:16 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 12:11:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.121	2.073	0.048	91	14247	0.2000	0.1935	M
$ 6 Phenol-d5	99	4.027	4.028	-0.001	0	5512	0.1000	0.0728	
9 Bis(2-chloroethyl)ether	93	4.146	4.143	0.003	99	7256	0.1000	0.1068	
* 14 1,4-Dichlorobenzene-d4	152	4.404	4.405	-0.001	98	354933	8.00	8.00	
21 N-Methylaniline	106	4.775	4.776	-0.001	75	6625	0.1000	0.0681	
23 N-Nitrosodi-n-propylamine	70	4.784	4.786	-0.002	80	4587	0.1000	0.0910	
26 Hexachloroethane	117	4.890	4.888	0.002	92	2779	0.1000	0.1046	
$ 27 Nitrobenzene-d5	82	4.928	4.929	-0.001	90	6367	0.1000	0.0923	
28 Nitrobenzene	123	4.947	4.945	0.002	90	2709	0.1000	0.0874	
29 n,n'-Dimethylaniline	120	4.950	4.952	-0.002	92	8771	0.1000	0.0879	
37 1,2,4-Trichlorobenzene	180	5.564	5.566	-0.002	92	5210	0.1000	0.0970	
* 38 Naphthalene-d8	136	5.618	5.620	-0.002	99	1322573	8.00	8.00	
39 Naphthalene	128	5.637	5.639	-0.002	98	19023	0.1000	0.0996	
40 4-Chloroaniline	127	5.688	5.687	0.001	93	5400	0.1000	0.0766	
43 Hexachlorobutadiene	225	5.762	5.761	0.001	91	2446	0.1000	0.0866	
$ 53 2-Fluorobiphenyl	172	6.650	6.650	0.000	95	10719	0.1000	0.0879	
* 64 Acenaphthene-d10	164	7.285	7.286	-0.001	96	662699	8.00	8.00	
82 Hexachlorobenzene	284	8.320	8.323	-0.003	94	3734	0.1000	0.0969	
* 88 Phenanthrene-d10	188	8.684	8.687	-0.003	99	1126099	8.00	8.00	
$ 97 Terphenyl-d14	244	10.205	10.203	0.002	97	11119	0.1000	0.0920	
102 Benzo[a]anthracene	228	11.294	11.297	-0.003	98	14061	0.1000	0.1014	
* 103 Chrysene-d12	240	11.304	11.306	-0.002	99	873571	8.00	8.00	
107 Benzo[b]fluoranthene	252	12.656	12.660	-0.004	98	12058	0.1000	0.0918	
108 Benzo[k]fluoranthene	252	12.691	12.695	-0.004	97	11440	0.1000	0.0836	
109 Benzo[a]pyrene	252	13.103	13.104	-0.001	94	8344	0.1000	0.0746	
* 110 Perylene-d12	264	13.187	13.184	0.002	98	915840	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.728	14.730	-0.002	98	9915	0.1000	0.0828	a
112 Dibenz(a,h)anthracene	278	14.776	14.781	-0.005	95	10716	0.1000	0.0805	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL1_LVI_00005 Amount Added: 1.00 Units: mL

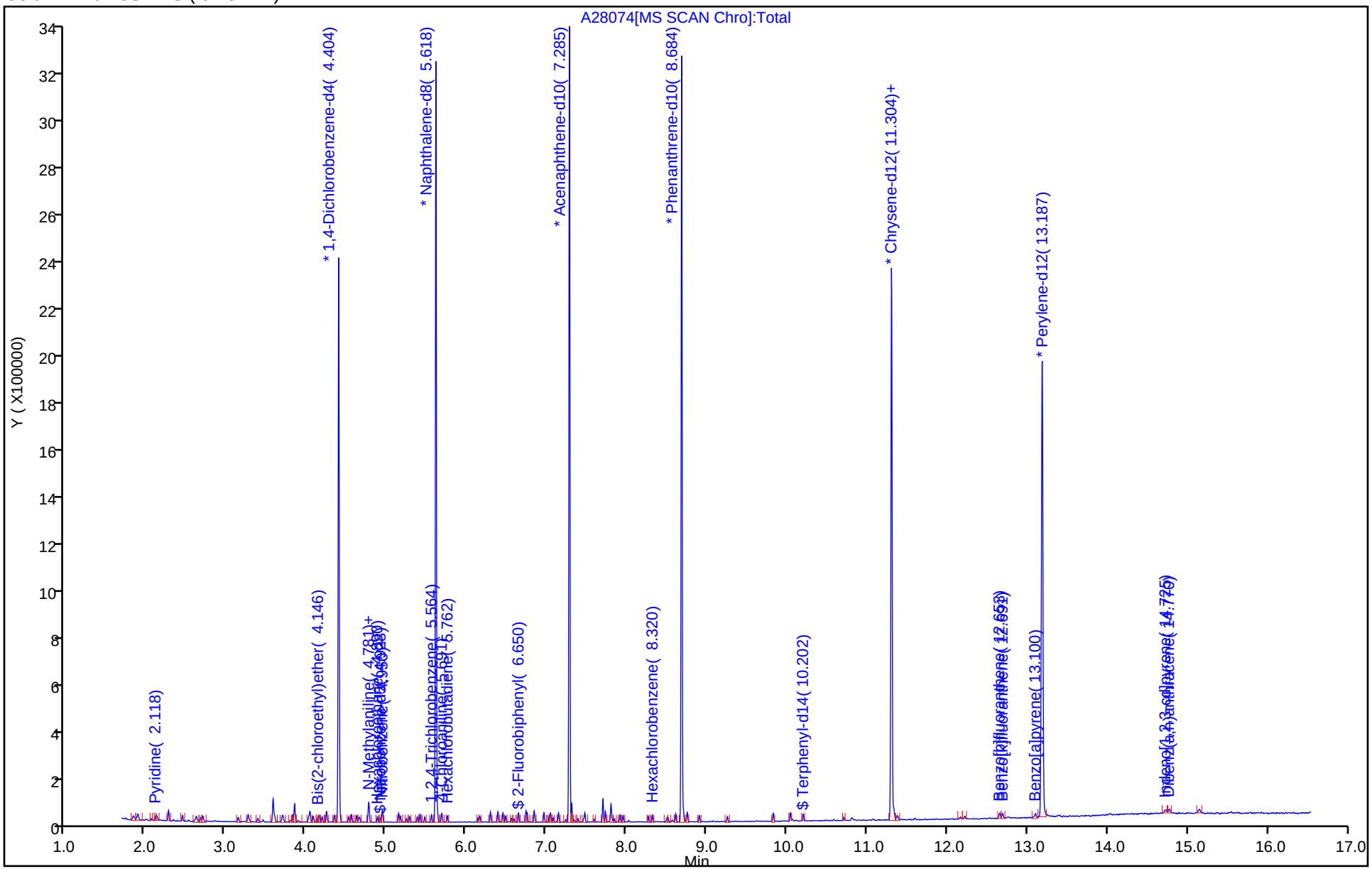
Report Date: 17-Oct-2023 13:07:18 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28074.D

Injection Date:	17-Oct-2023 11:50:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

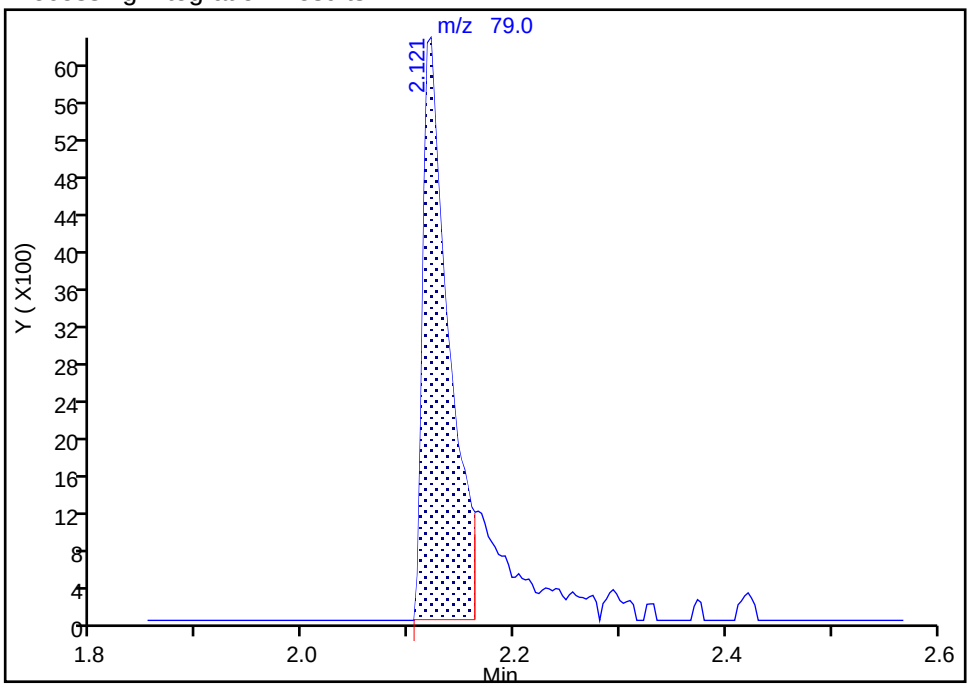
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28074.D
Injection Date: 17-Oct-2023 11:50:30 Instrument ID: CBNAMS16
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Pyridine, CAS: 110-86-1

Signal: 1

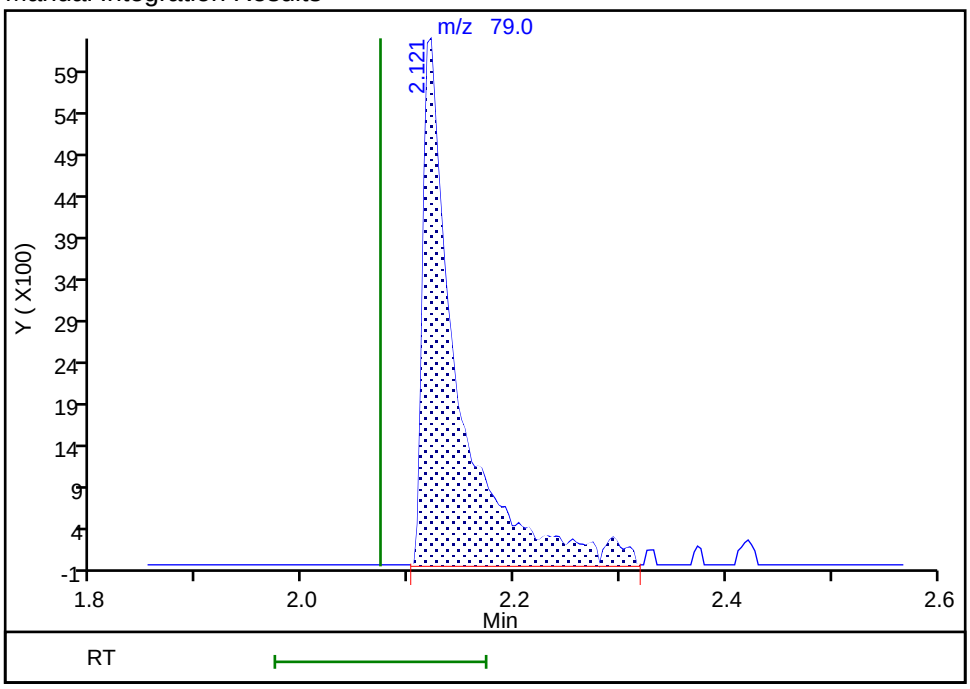
Processing Integration Results

RT: 2.12
Area: 10498
Amount: 0.147704
Amount Units: ug/ml



Manual Integration Results

RT: 2.12
Area: 14247
Amount: 0.193499
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 12:12:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

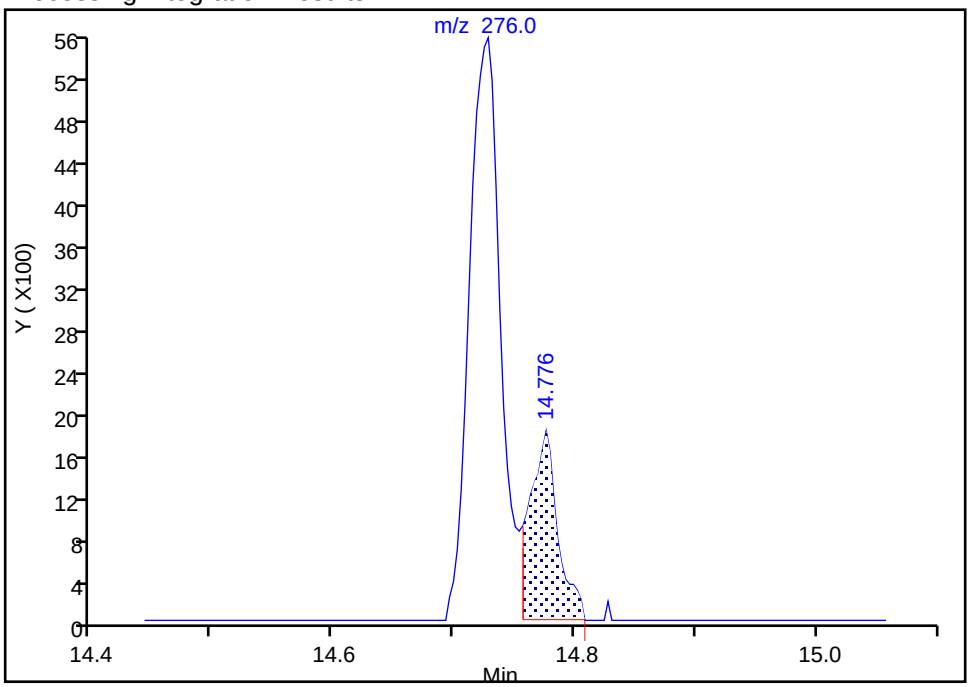
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28074.D
Injection Date: 17-Oct-2023 11:50:30 Instrument ID: CBNAMS16
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

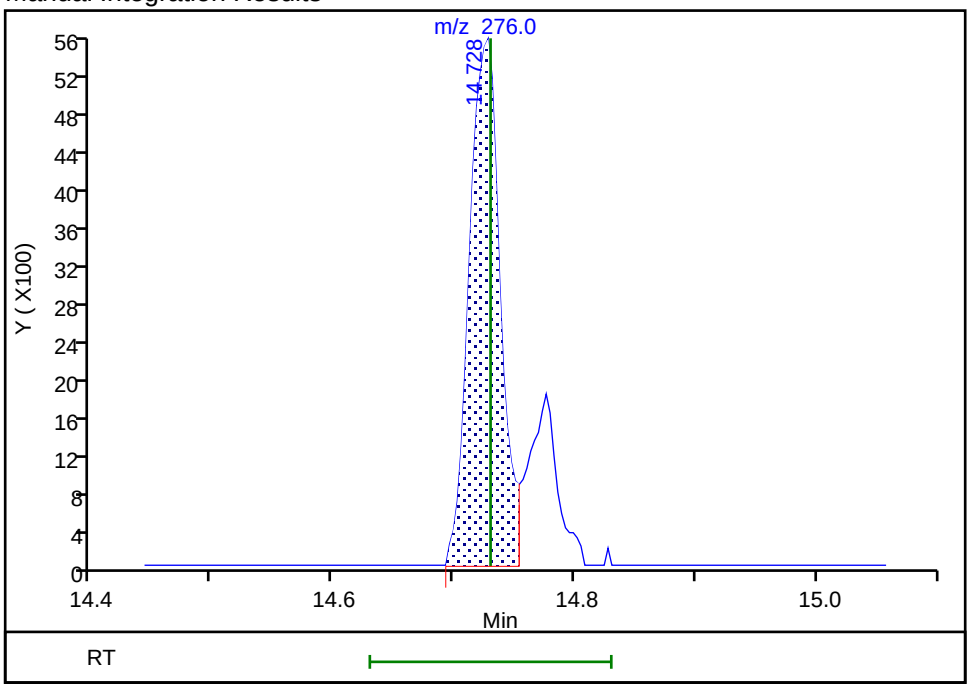
Processing Integration Results

RT: 14.78
Area: 2875
Amount: 0.096000
Amount Units: ug/ml



Manual Integration Results

RT: 14.73
Area: 9915
Amount: 0.082816
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 12:11:38 -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\CBNAMS16\20231017-167445.b\A28076.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 17-Oct-2023 12:32:30 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-011
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:07:21 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 12:53:14

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	1.830	1.830	0.000	99	272617	10.0	9.81	
2 N-Nitrosodimethylamine	74	2.038	2.038	0.000	88	444917	10.0	9.75	
3 Pyridine	79	2.076	2.076	0.000	89	1457711	20.0	20.8	
$ 4 2-Fluorophenol	112	3.149	3.149	0.000	92	596093	10.0	9.99	
5 Benzaldehyde	77	3.986	3.986	0.000	95	90978	4.00	1.59	
$ 6 Phenol-d5	99	4.034	4.034	0.000	0	738587	10.0	10.2	
7 Phenol	94	4.047	4.047	0.000	99	800696	10.0	9.68	
8 Aniline	93	4.085	4.085	0.000	100	952133	10.0	9.63	
9 Bis(2-chloroethyl)ether	93	4.146	4.146	0.000	94	618074	10.0	9.56	
10 Benzonitrile	103	4.165	4.165	0.000	99	1209450	NC	NC	
11 2-Chlorophenol	128	4.200	4.200	0.000	92	594822	10.0	9.57	
12 n-Decane	43	4.252	4.252	0.000	94	887655	10.0	9.70	
13 1,3-Dichlorobenzene	146	4.351	4.351	0.000	93	651746	10.0	9.52	
* 14 1,4-Dichlorobenzene-d4	152	4.405	4.405	0.000	97	337710	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.421	4.421	0.000	93	663945	10.0	9.52	
17 Benzyl alcohol	108	4.530	4.530	0.000	92	378916	10.0	9.68	
18 1,2-Dichlorobenzene	146	4.565	4.565	0.000	94	623384	10.0	9.51	
19 2-Methylphenol	108	4.632	4.632	0.000	88	547752	10.0	9.63	
20 2,2'-oxybis[1-chloropropane]	45	4.664	4.664	0.000	94	1042995	10.0	9.60	
21 N-Methylaniline	106	4.779	4.779	0.000	87	991553	10.0	10.7	
24 3 & 4 Methylphenol	108	4.782	4.782	0.000	0	639479	10.0	9.75	
25 4-Methylphenol	108	4.782	4.782	0.000	82	638135	10.0	9.74	
23 N-Nitrosodi-n-propylamine	70	4.789	4.789	0.000	92	478492	10.0	9.98	
22 Acetophenone	105	4.789	4.789	0.000	91	844591	10.0	9.51	
26 Hexachloroethane	117	4.891	4.891	0.000	95	242012	10.0	9.57	
$ 27 Nitrobenzene-d5	82	4.929	4.929	0.000	89	647801	10.0	10.0	
28 Nitrobenzene	123	4.949	4.949	0.000	91	288702	10.0	9.79	
29 n,n'-Dimethylaniline	120	4.955	4.955	0.000	93	953878	10.0	10.0	
30 Isophorone	82	5.179	5.179	0.000	99	1157485	10.0	9.95	
31 2-Nitrophenol	139	5.252	5.252	0.000	87	295582	10.0	9.68	
33 2,4-Dimethylphenol	122	5.294	5.294	0.000	90	470399	10.0	9.69	

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	5.374	5.374	0.000	91	290679	10.0	8.74	
34 Bis(2-chloroethoxy)methane	93	5.390	5.390	0.000	97	712546	10.0	9.78	
36 2,4-Dichlorophenol	162	5.479	5.479	0.000	95	442685	10.0	9.78	
37 1,2,4-Trichlorobenzene	180	5.566	5.566	0.000	94	491831	10.0	9.77	
* 38 Naphthalene-d8	136	5.620	5.620	0.000	99	1240114	8.00	8.00	
39 Naphthalene	128	5.639	5.639	0.000	99	1730616	10.0	9.66	
40 4-Chloroaniline	127	5.690	5.690	0.000	96	676955	10.0	10.2	
41 2,6-Dichlorophenol	162	5.697	5.697	0.000	96	429013	10.0	9.54	
43 Hexachlorobutadiene	225	5.761	5.761	0.000	95	258104	10.0	9.75	
44 Caprolactam	113	6.004	6.004	0.000	90	52325	4.00	3.75	
45 4-Chloro-3-methylphenol	107	6.151	6.151	0.000	97	454858	10.0	9.99	
46 2-Methylnaphthalene	142	6.301	6.301	0.000	84	1070211	10.0	9.72	
47 1-Methylnaphthalene	142	6.394	6.394	0.000	93	990855	10.0	9.77	
48 Hexachlorocyclopentadiene	237	6.451	6.451	0.000	97	307007	10.0	9.33	
49 1,2,4,5-Tetrachlorobenzene	216	6.458	6.458	0.000	96	455964	10.0	9.46	
50 2-tertbutyl-4-methylphenol	149	6.490	6.490	0.000	91	642948	10.0	10.4	
51 2,4,6-Trichlorophenol	196	6.563	6.563	0.000	88	291757	10.0	10.1	
52 2,4,5-Trichlorophenol	196	6.595	6.595	0.000	98	320952	10.0	9.80	
$ 53 2-Fluorobiphenyl	172	6.650	6.650	0.000	97	1115942	10.0	9.77	
54 1,1'-Biphenyl	154	6.746	6.746	0.000	96	1265931	10.0	9.62	
55 2-Chloronaphthalene	162	6.759	6.759	0.000	99	962468	10.0	9.61	
56 Phenyl ether	170	6.845	6.845	0.000	91	682177	10.0	9.88	
57 2-Nitroaniline	65	6.855	6.855	0.000	96	389651	10.0	9.84	
58 1,3-Dimethylnaphthalene	156	6.970	6.970	0.000	92	782671	10.0	10.0	
59 Dimethyl phthalate	163	7.037	7.037	0.000	98	1014486	10.0	9.57	
60 Coumarin	146	7.050	7.050	0.000	79	356905	10.0	10.2	
61 2,6-Dinitrotoluene	165	7.088	7.088	0.000	96	234402	10.0	9.92	
62 Acenaphthylene	152	7.152	7.152	0.000	97	1611320	10.0	9.87	
63 3-Nitroaniline	138	7.242	7.242	0.000	93	269381	10.0	9.94	
* 64 Acenaphthene-d10	164	7.287	7.287	0.000	97	620271	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.315	7.315	0.000	98	842505	10.0	9.98	
66 Acenaphthene	154	7.315	7.315	0.000	97	927320	10.0	9.64	
67 2,4-Dinitrophenol	184	7.341	7.341	0.000	94	297850	20.0	20.1	
68 4-Nitrophenol	65	7.399	7.399	0.000	94	460988	20.0	20.3	
69 2,4-Dinitrotoluene	165	7.466	7.466	0.000	94	309758	10.0	10.5	
70 Dibenzofuran	168	7.482	7.482	0.000	99	1341533	10.0	9.58	
71 2,3,4,6-Tetrachlorophenol	232	7.594	7.594	0.000	94	252094	10.0	9.88	
72 Diethyl phthalate	149	7.709	7.709	0.000	98	984225	10.0	9.63	
73 Fluorene	166	7.805	7.805	0.000	94	1079455	10.0	9.60	
74 4-Chlorophenyl phenyl ether	204	7.808	7.808	0.000	87	499830	10.0	9.59	
75 4-Nitroaniline	138	7.818	7.818	0.000	97	275433	10.0	10.1	
76 4,6-Dinitro-2-methylphenol	198	7.850	7.850	0.000	81	359041	20.0	20.1	
78 N-Nitrosodiphenylamine	169	7.917	7.917	0.000	70	746639	10.0	9.69	
144 Azobenzene	77	7.959	7.959	0.000	0	1217734	10.0	9.78	
79 1,2-Diphenylhydrazine	77	7.959	7.959	0.000	51	1217733	10.0	9.78	
$ 80 2,4,6-Tribromophenol	330	8.029	8.029	0.000	95	164822	10.0	9.60	
81 4-Bromophenyl phenyl ether	248	8.269	8.269	0.000	87	249992	10.0	9.10	
82 Hexachlorobenzene	284	8.324	8.324	0.000	96	351637	10.0	9.80	
83 Atrazine	200	8.426	8.426	0.000	89	95280	4.00	4.08	
84 Pentachlorophenol	266	8.506	8.506	0.000	95	424331	20.0	19.7	
85 Pentachloronitrobenzene	237	8.522	8.522	0.000	89	114389	10.0	10.2	
87 n-Octadecane	57	8.612	8.612	0.000	93	849229	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
* 88 Phenanthrene-d10	188	8.685	8.685	0.000	99	1048852	8.00	8.00	
89 Phenanthrene	178	8.708	8.708	0.000	98	1434249	10.0	9.63	
90 Anthracene	178	8.759	8.759	0.000	98	1483431	10.0	9.79	
91 Carbazole	167	8.909	8.909	0.000	96	1341575	10.0	9.94	
92 Di-n-butyl phthalate	149	9.258	9.258	0.000	100	1544272	10.0	10.2	
93 Fluoranthene	202	9.830	9.830	0.000	97	1450429	10.0	10.1	
94 Benzidine	184	9.961	9.961	0.000	100	596398	10.0	8.30	M
95 Pyrene	202	10.044	10.044	0.000	97	1525179	10.0	9.63	
96 Bisphenol-A	213	10.099	10.099	0.000	98	548882	10.0	9.57	
$ 97 Terphenyl-d14	244	10.204	10.204	0.000	98	1209128	10.0	9.82	
98 Butyl benzyl phthalate	149	10.713	10.713	0.000	97	615464	10.0	10.2	
99 2,3,7,8-TCDD	320	10.790	10.790	0.000	88	2123	0.1000	0.1000	
100 Carbamazepine	193	10.809	10.809	0.000	93	463717	10.0	8.91	
101 3,3'-Dichlorobenzidine	252	11.276	11.276	0.000	99	492722	10.0	10.1	
102 Benzo[a]anthracene	228	11.295	11.295	0.000	100	1375896	10.0	9.75	
* 103 Chrysene-d12	240	11.308	11.308	0.000	99	889799	8.00	8.00	
104 Chrysene	228	11.337	11.337	0.000	98	1291734	10.0	9.64	
105 Bis(2-ethylhexyl) phthalate	149	11.382	11.382	0.000	90	879245	10.0	10.0	
106 Di-n-octyl phthalate	149	12.220	12.220	0.000	97	1426845	10.0	10.6	
107 Benzo[b]fluoranthene	252	12.661	12.661	0.000	98	1391435	10.0	10.3	
108 Benzo[k]fluoranthene	252	12.700	12.700	0.000	99	1435839	10.0	10.2	
109 Benzo[a]pyrene	252	13.106	13.106	0.000	96	1209416	10.0	10.5	
* 110 Perylene-d12	264	13.186	13.186	0.000	98	940535	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.735	14.735	0.000	98	1239190	10.0	10.1	
112 Dibenz(a,h)anthracene	278	14.783	14.783	0.000	98	1402007	10.0	10.3	
113 Benzo[g,h,i]perylene	276	15.161	15.161	0.000	96	1391473	10.0	9.39	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00008 Amount Added: 1.00 Units: mL

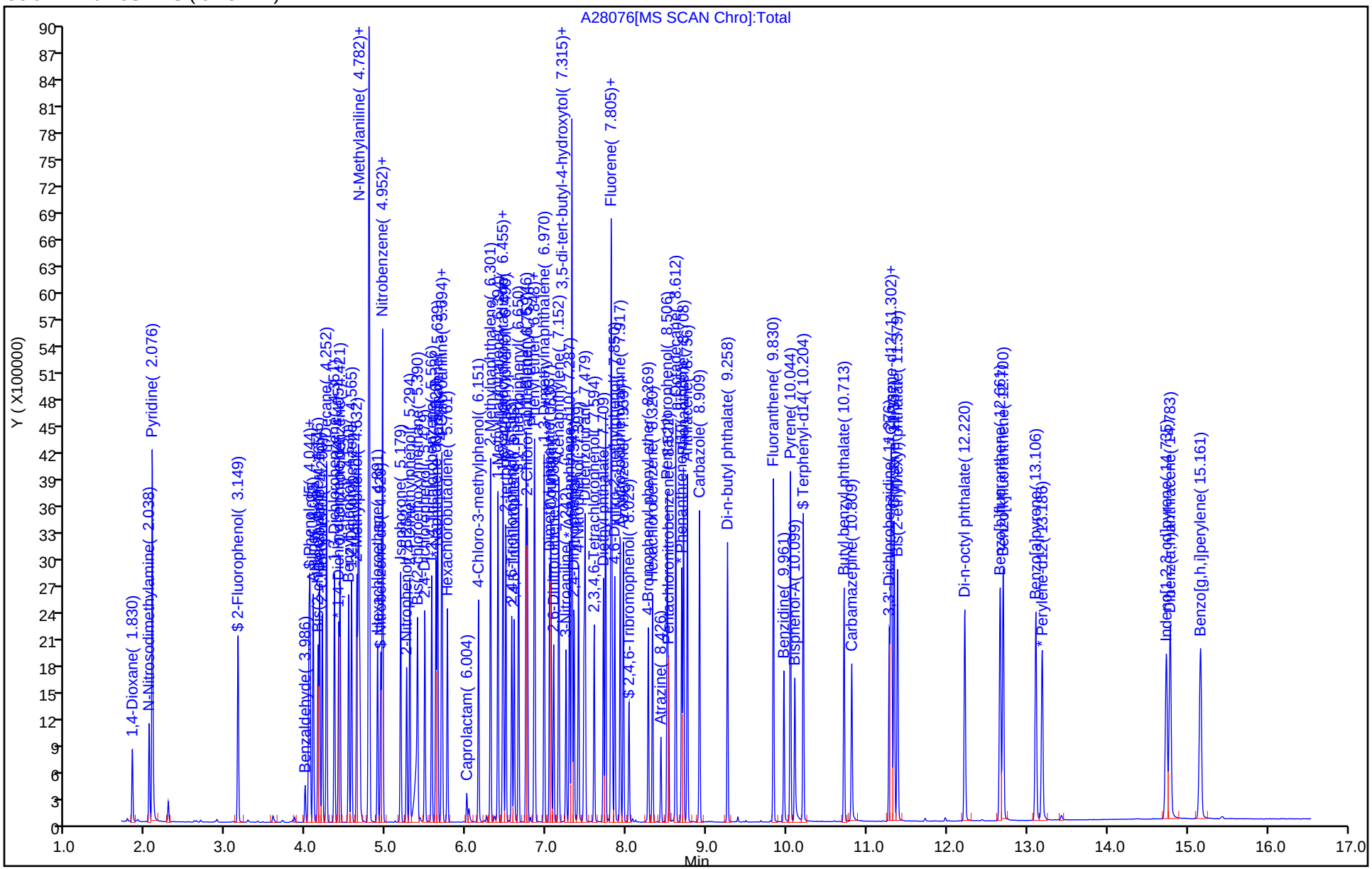
Report Date: 17-Oct-2023 13:07:24 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Injection Date:	17-Oct-2023 12:32:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

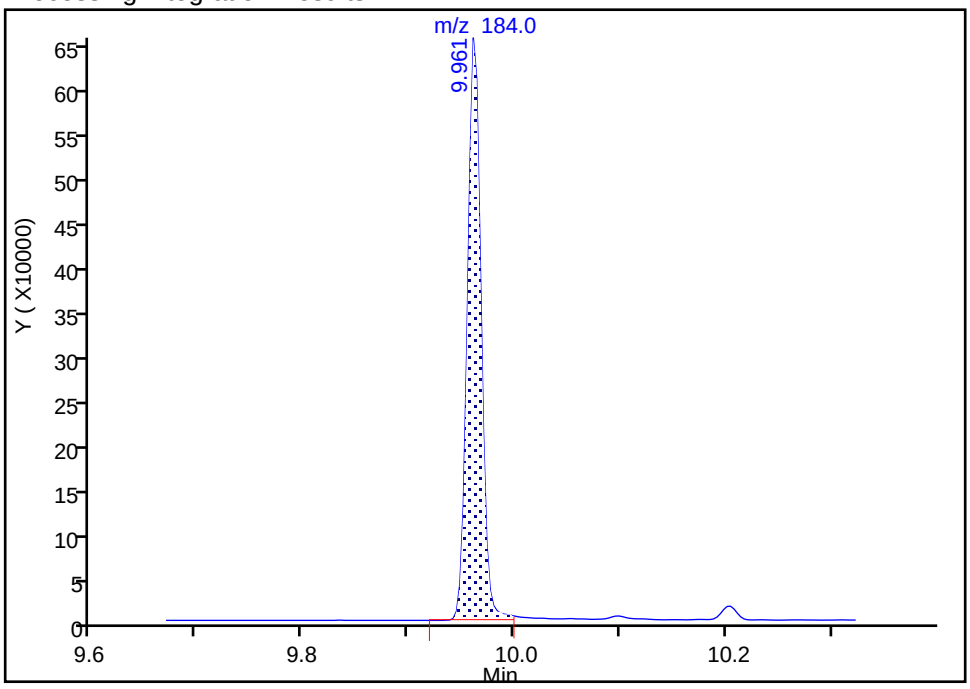
Data File:	\\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D				
Injection Date:	17-Oct-2023 12:32:30	Instrument ID:	CBNAMS16		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

94 Benzidine, CAS: 92-87-5

Signal: 1

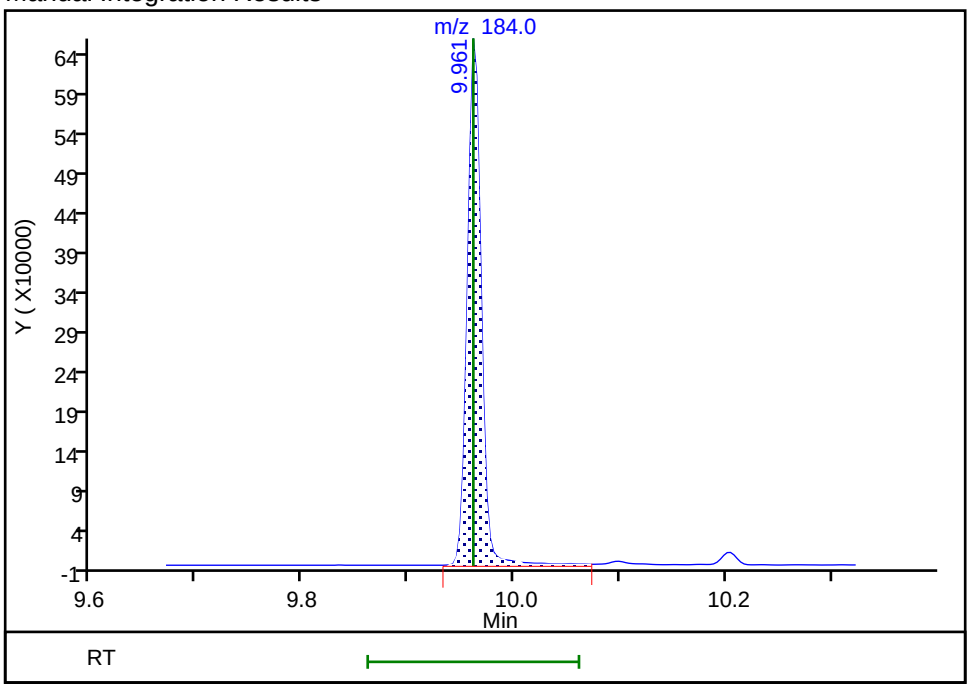
Processing Integration Results

RT: 9.96
Area: 586649
Amount: 8.184904
Amount Units: ug/ml



Manual Integration Results

RT: 9.96
Area: 596398
Amount: 8.302101
Amount Units: ug/ml



Reviewer: G4KC, 17-Oct-2023 13:00:49 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Peak Tail

Calibration / 1,4-Dioxane

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

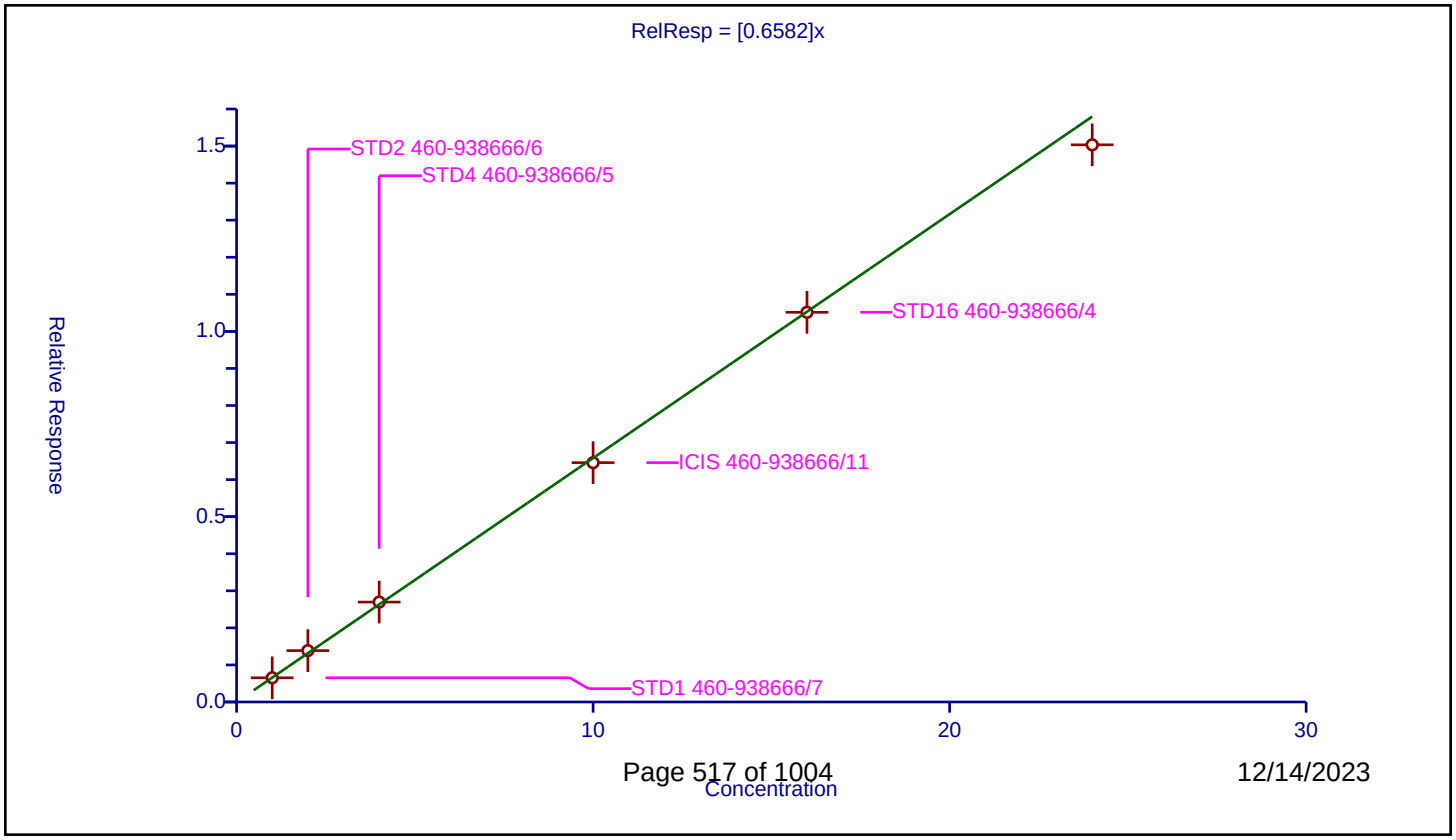
Curve Coefficients

Intercept:	0
Slope:	0.6582

Error Coefficients

Standard Error:	381000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.652709	8.0	384821.0	0.652709	Y
2	STD2 460-938666/6	2.0	1.385945	8.0	374289.0	0.692973	Y
3	STD4 460-938666/5	4.0	2.695524	8.0	367329.0	0.673881	Y
4	ICIS 460-938666/11	10.0	6.458014	8.0	337710.0	0.645801	Y
5	STD16 460-938666/4	16.0	10.514727	8.0	351561.0	0.65717	Y
6	STD24 460-938666/3	24.0	15.033573	8.0	343641.0	0.626399	Y



12/14/2023

Calibration / N-Nitrosodimethylamine

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

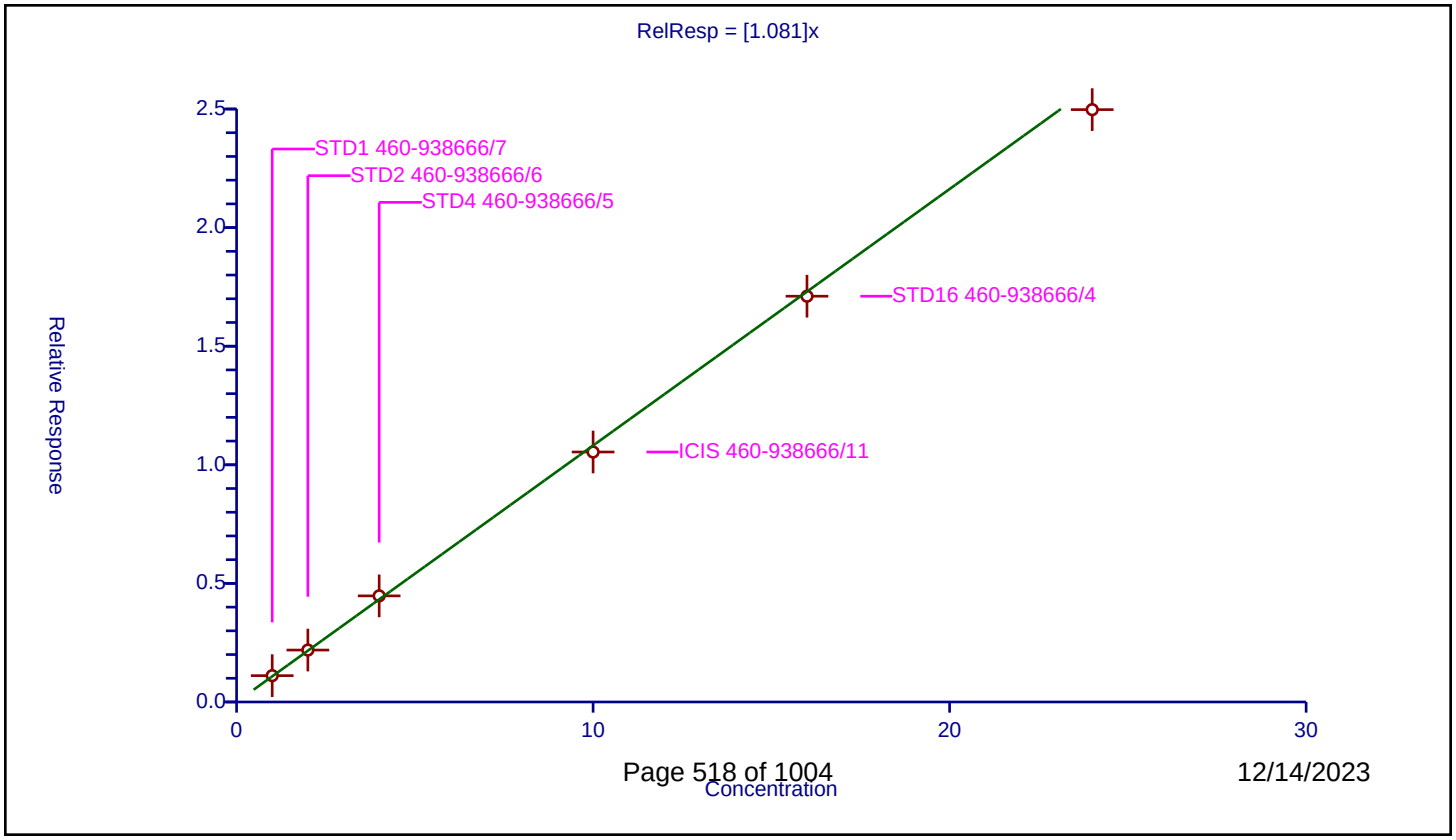
Curve Coefficients

Intercept:	0
Slope:	1.081

Error Coefficients

Standard Error:	628000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.11021	8.0	384821.0	1.11021	Y
2	STD2 460-938666/6	2.0	2.190008	8.0	374289.0	1.095004	Y
3	STD4 460-938666/5	4.0	4.474528	8.0	367329.0	1.118632	Y
4	ICIS 460-938666/11	10.0	10.539623	8.0	337710.0	1.053962	Y
5	STD16 460-938666/4	16.0	17.107882	8.0	351561.0	1.069243	Y
6	STD24 460-938666/3	24.0	24.973574	8.0	343641.0	1.040566	Y



Calibration / Pyridine

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

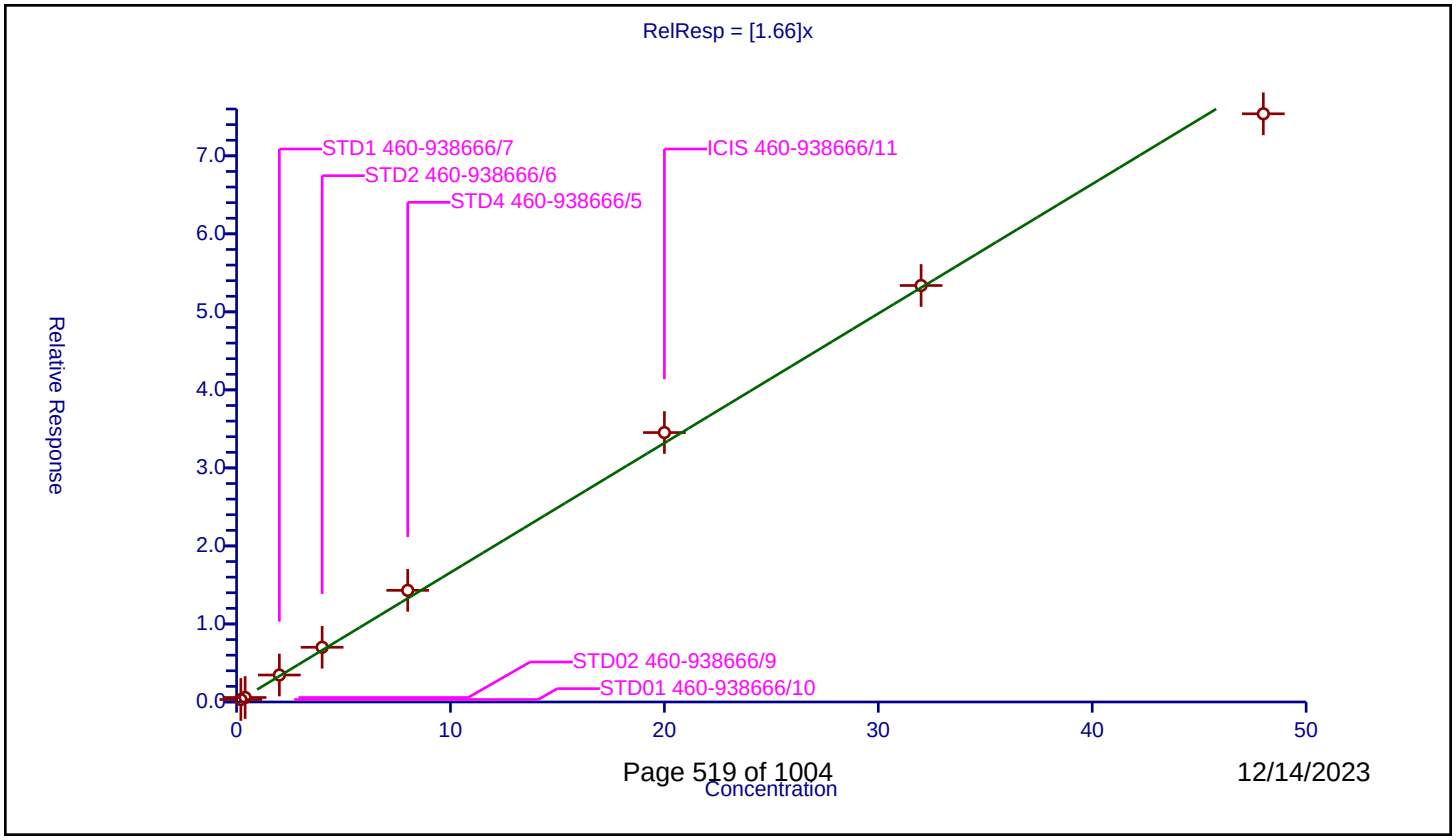
Curve Coefficients

Intercept:	0
Slope:	1.66

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.2	0.32112	8.0	354933.0	1.605599	Y
2	STD02 460-938666/9	0.4	0.574218	8.0	371232.0	1.435544	Y
3	STD1 460-938666/7	2.0	3.456984	8.0	384821.0	1.728492	Y
4	STD2 460-938666/6	4.0	7.011352	8.0	374289.0	1.752838	Y
5	STD4 460-938666/5	8.0	14.307762	8.0	367329.0	1.78847	Y
6	ICIS 460-938666/11	20.0	34.531663	8.0	337710.0	1.726583	Y
7	STD16 460-938666/4	32.0	53.382463	8.0	351561.0	1.668202	Y
8	STD24 460-938666/3	48.0	75.38842	8.0	343641.0	1.570592	Y



Calibration / 2-Fluorophenol

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

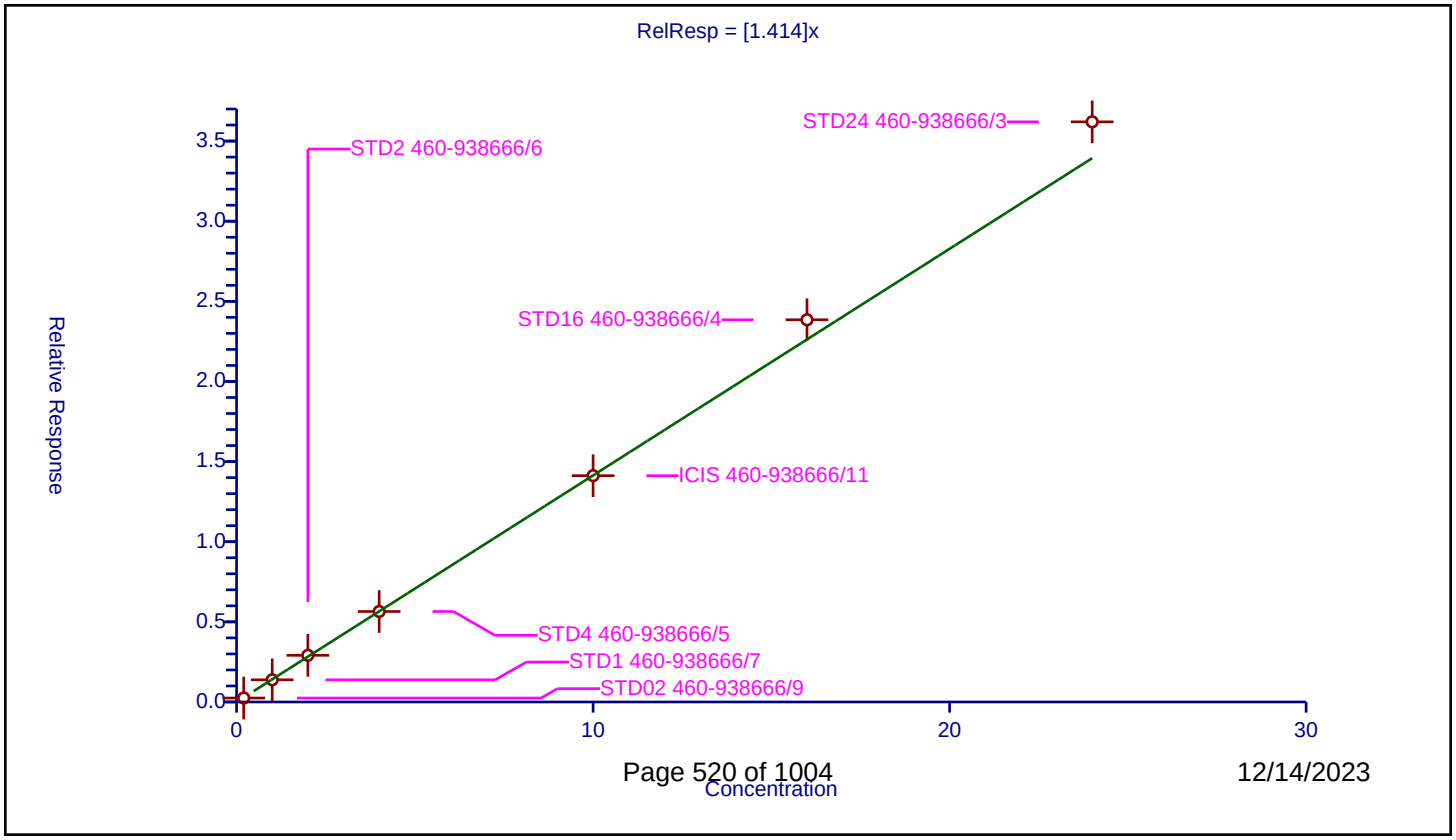
Curve Coefficients

Intercept:	0
Slope:	1.414

Error Coefficients

Standard Error:	813000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.246875	8.0	371232.0	1.234376	Y
2	STD1 460-938666/7	1.0	1.383708	8.0	384821.0	1.383708	Y
3	STD2 460-938666/6	2.0	2.911504	8.0	374289.0	1.455752	Y
4	STD4 460-938666/5	4.0	5.647319	8.0	367329.0	1.41183	Y
5	ICIS 460-938666/11	10.0	14.120826	8.0	337710.0	1.412083	Y
6	STD16 460-938666/4	16.0	23.850222	8.0	351561.0	1.490639	Y
7	STD24 460-938666/3	24.0	36.199313	8.0	343641.0	1.508305	Y



Calibration / Benzaldehyde

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

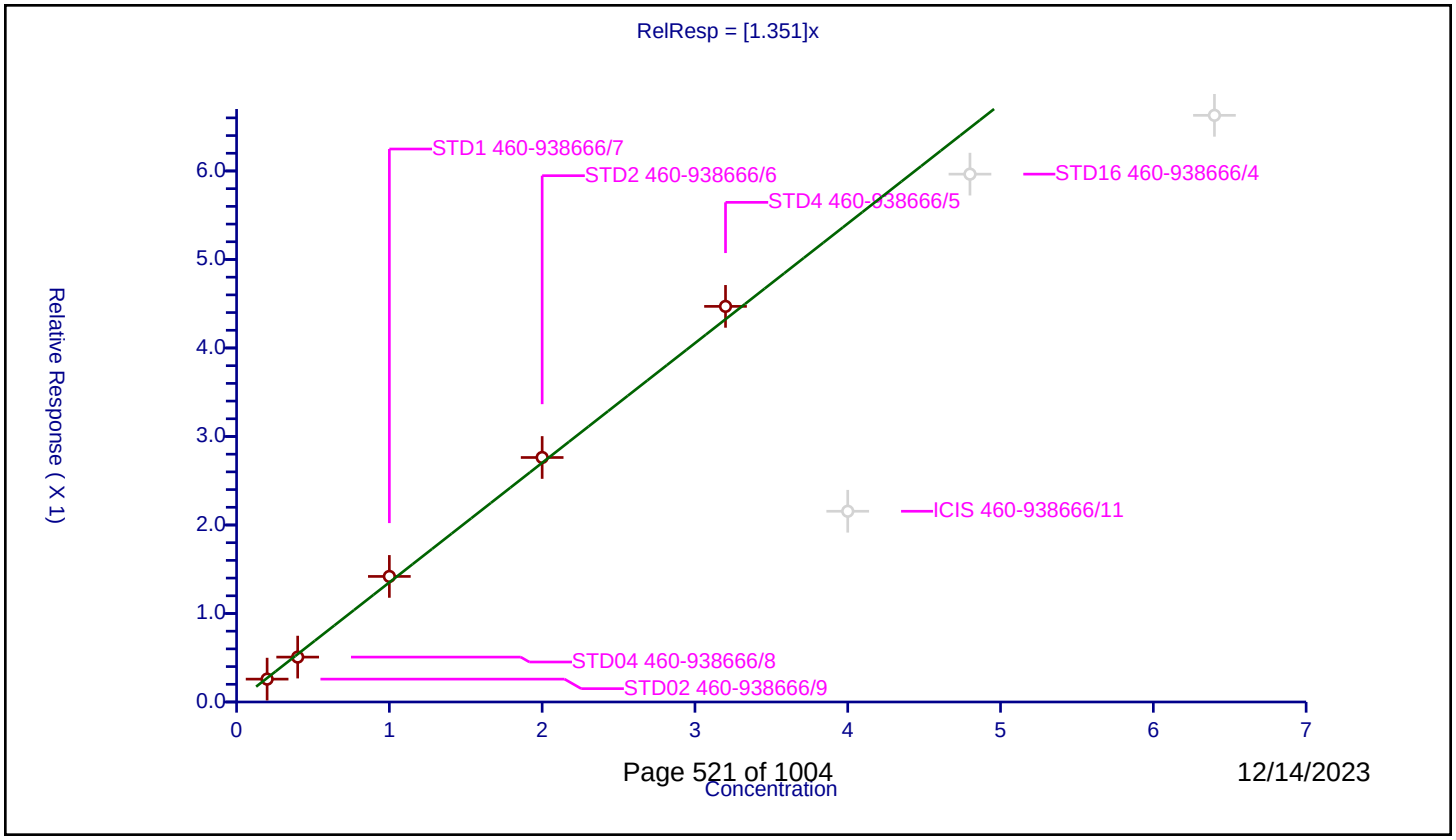
Curve Coefficients

Intercept:	0
Slope:	1.351

Error Coefficients

Standard Error:	127000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.258426	8.0	371232.0	1.29213	Y
2	STD04 460-938666/8	0.4	0.507274	8.0	399185.0	1.268184	Y
3	STD1 460-938666/7	1.0	1.418758	8.0	384821.0	1.418758	Y
4	STD2 460-938666/6	2.0	2.76255	8.0	374289.0	1.381275	Y
5	STD4 460-938666/5	3.2	4.469889	8.0	367329.0	1.39684	Y
6	ICIS 460-938666/11	4.0	2.155175	8.0	337710.0	0.538794	N
7	STD16 460-938666/4	4.8	5.964257	8.0	351561.0	1.242553	N
8	STD24 460-938666/3	6.4	6.628615	8.0	343641.0	1.035721	N



Calibration / Phenol-d5

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

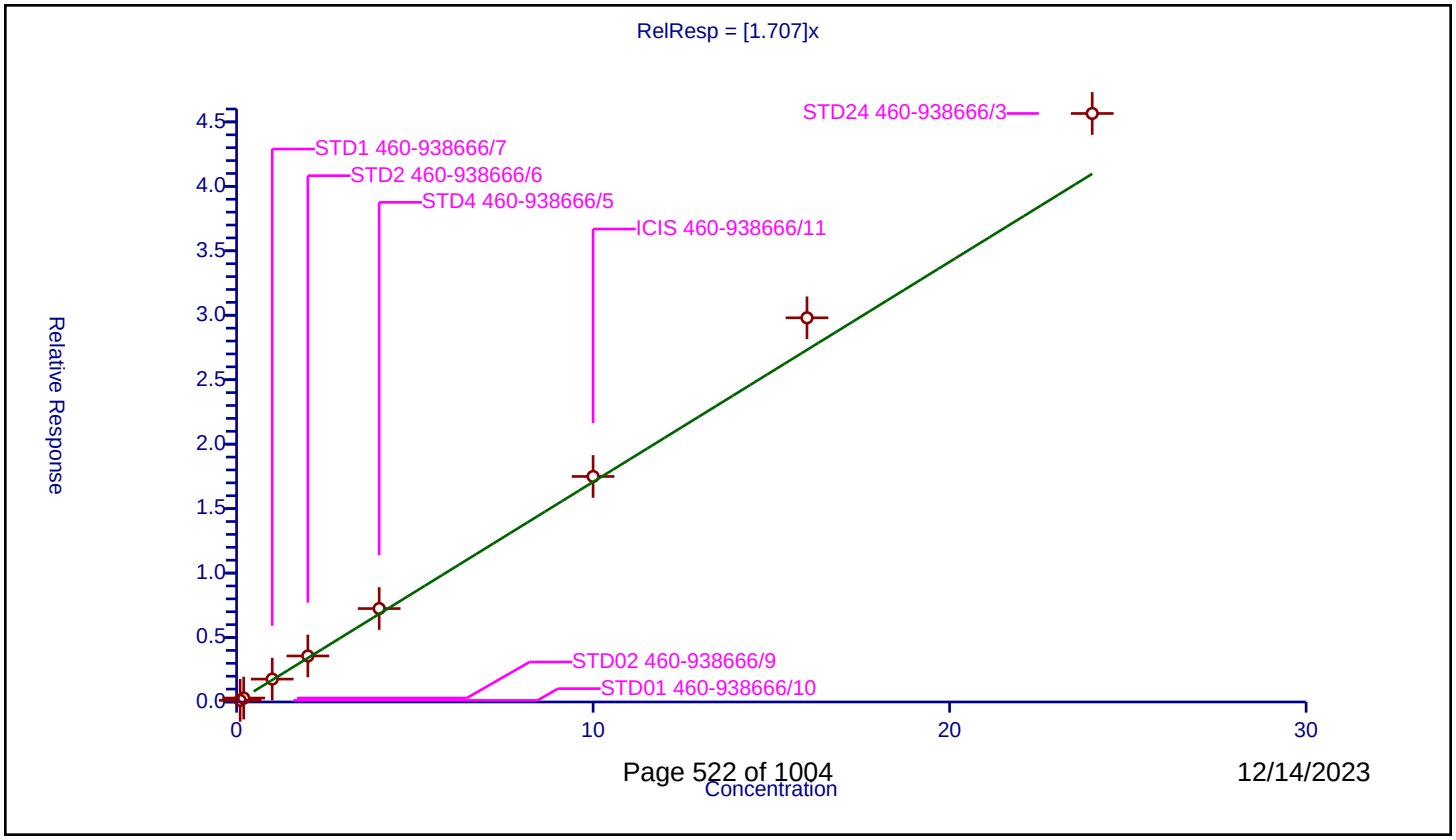
Curve Coefficients

Intercept:	0
Slope:	1.707

Error Coefficients

Standard Error:	945000
Relative Standard Error:	12.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.124238	8.0	354933.0	1.242375	Y
2	STD02 460-938666/9	0.2	0.305232	8.0	371232.0	1.526162	Y
3	STD1 460-938666/7	1.0	1.776493	8.0	384821.0	1.776493	Y
4	STD2 460-938666/6	2.0	3.570332	8.0	374289.0	1.785166	Y
5	STD4 460-938666/5	4.0	7.247998	8.0	367329.0	1.812	Y
6	ICIS 460-938666/11	10.0	17.496361	8.0	337710.0	1.749636	Y
7	STD16 460-938666/4	16.0	29.80194	8.0	351561.0	1.862621	Y
8	STD24 460-938666/3	24.0	45.654343	8.0	343641.0	1.902264	Y



Calibration / Phenol

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

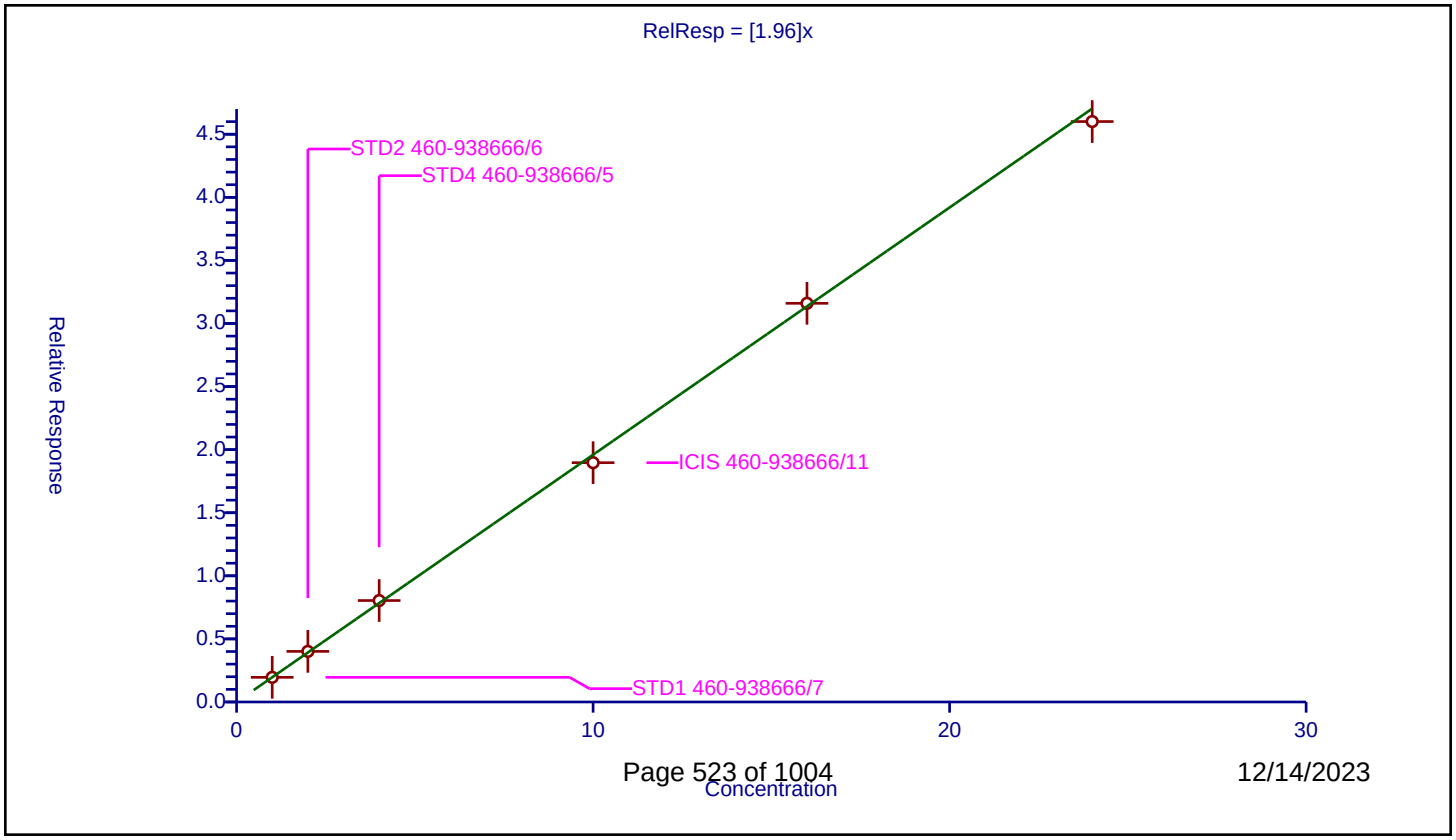
Curve Coefficients

Intercept:	0
Slope:	1.96

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.953947	8.0	384821.0	1.953947	Y
2	STD2 460-938666/6	2.0	4.009821	8.0	374289.0	2.004911	Y
3	STD4 460-938666/5	4.0	8.041489	8.0	367329.0	2.010372	Y
4	ICIS 460-938666/11	10.0	18.967659	8.0	337710.0	1.896766	Y
5	STD16 460-938666/4	16.0	31.59991	8.0	351561.0	1.974994	Y
6	STD24 460-938666/3	24.0	46.00678	8.0	343641.0	1.916949	Y



Calibration / Aniline

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

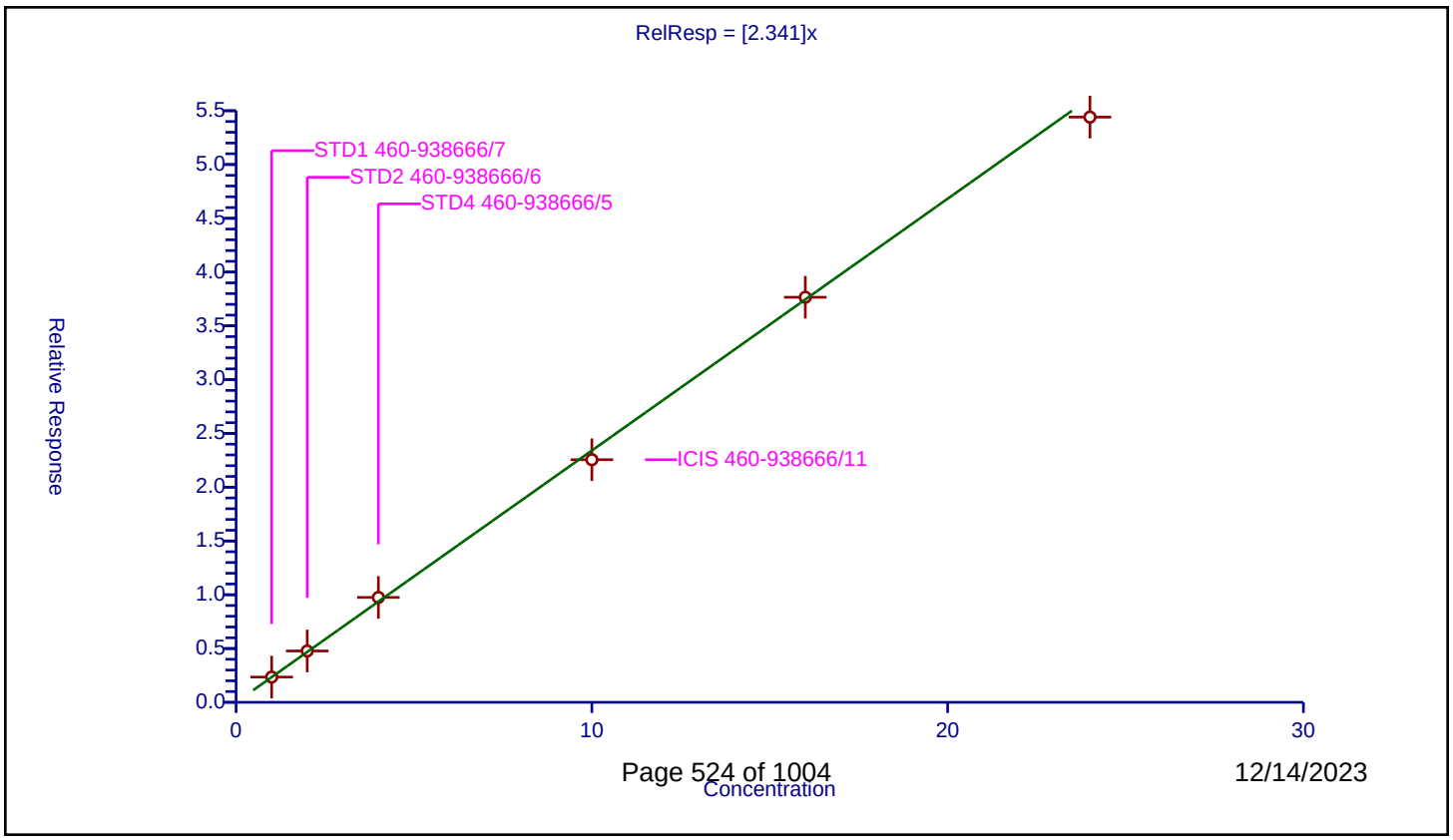
Curve Coefficients

Intercept:	0
Slope:	2.341

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	2.34586	8.0	384821.0	2.34586	Y
2	STD2 460-938666/6	2.0	4.773488	8.0	374289.0	2.386744	Y
3	STD4 460-938666/5	4.0	9.750213	8.0	367329.0	2.437553	Y
4	ICIS 460-938666/11	10.0	22.555044	8.0	337710.0	2.255504	Y
5	STD16 460-938666/4	16.0	37.659536	8.0	351561.0	2.353721	Y
6	STD24 460-938666/3	24.0	54.408805	8.0	343641.0	2.267034	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

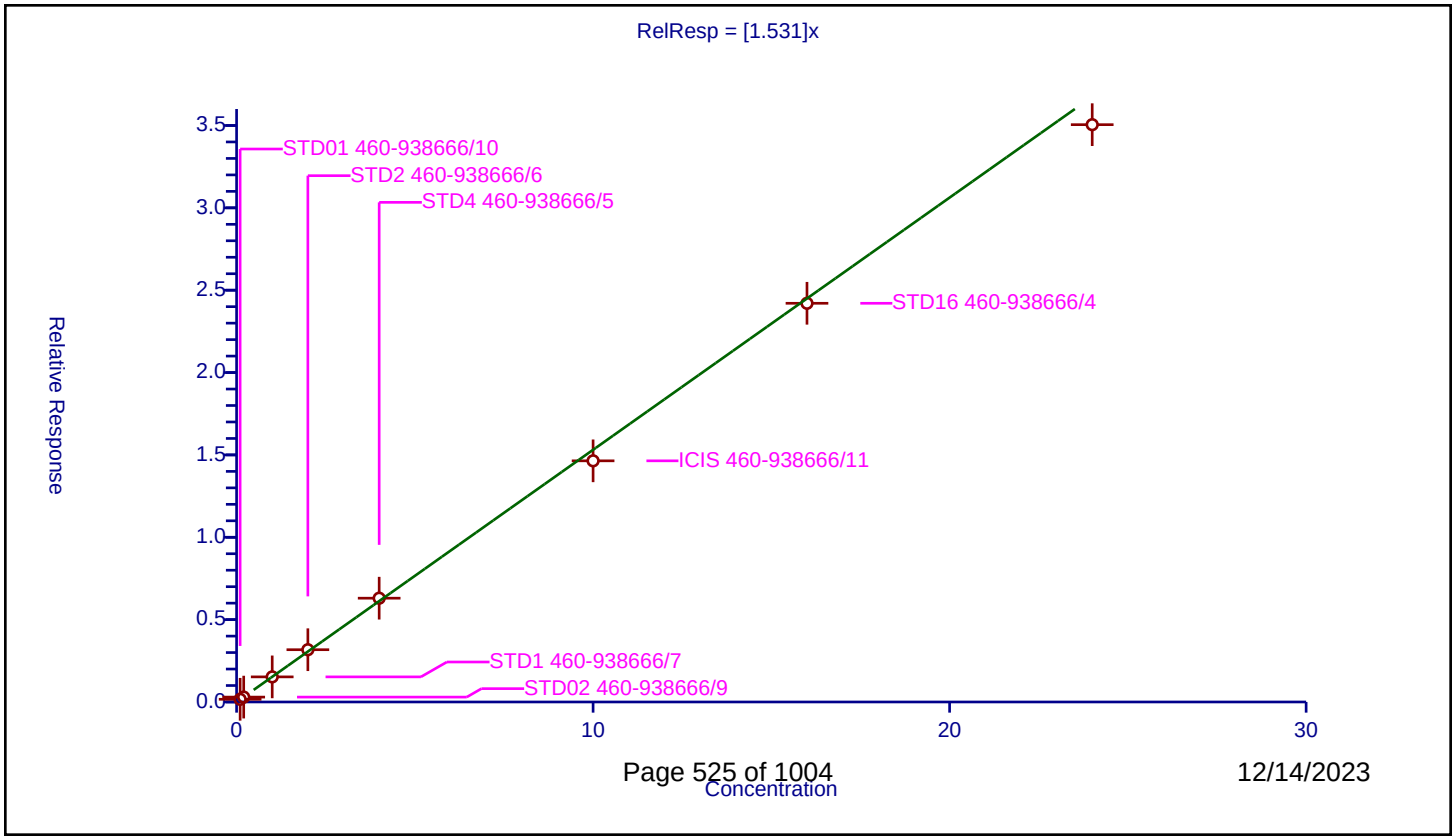
Curve Coefficients

Intercept:	0
Slope:	1.531

Error Coefficients

Standard Error:	746000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.163546	8.0	354933.0	1.635464	Y
2	STD02 460-938666/9	0.2	0.297711	8.0	371232.0	1.488557	Y
3	STD1 460-938666/7	1.0	1.524948	8.0	384821.0	1.524948	Y
4	STD2 460-938666/6	2.0	3.173612	8.0	374289.0	1.586806	Y
5	STD4 460-938666/5	4.0	6.301337	8.0	367329.0	1.575334	Y
6	ICIS 460-938666/11	10.0	14.641533	8.0	337710.0	1.464153	Y
7	STD16 460-938666/4	16.0	24.20587	8.0	351561.0	1.512867	Y
8	STD24 460-938666/3	24.0	35.050346	8.0	343641.0	1.460431	Y



Calibration / 2-Chlorophenol

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

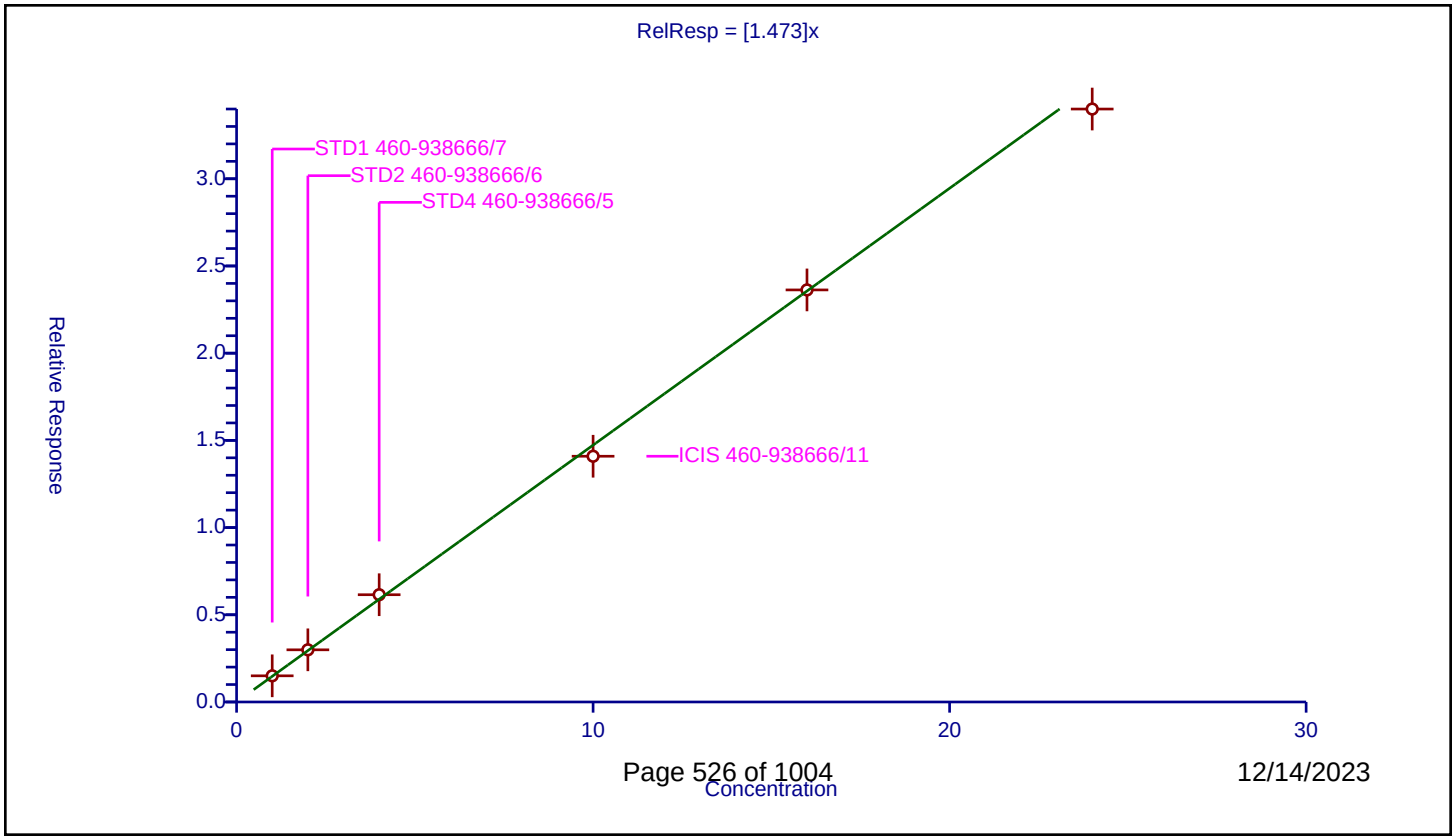
Curve Coefficients

Intercept:	0
Slope:	1.473

Error Coefficients

Standard Error:	857000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.500521	8.0	384821.0	1.500521	Y
2	STD2 460-938666/6	2.0	2.992062	8.0	374289.0	1.496031	Y
3	STD4 460-938666/5	4.0	6.150475	8.0	367329.0	1.537619	Y
4	ICIS 460-938666/11	10.0	14.090717	8.0	337710.0	1.409072	Y
5	STD16 460-938666/4	16.0	23.627695	8.0	351561.0	1.476731	Y
6	STD24 460-938666/3	24.0	33.99883	8.0	343641.0	1.416618	Y



Calibration / n-Decane

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

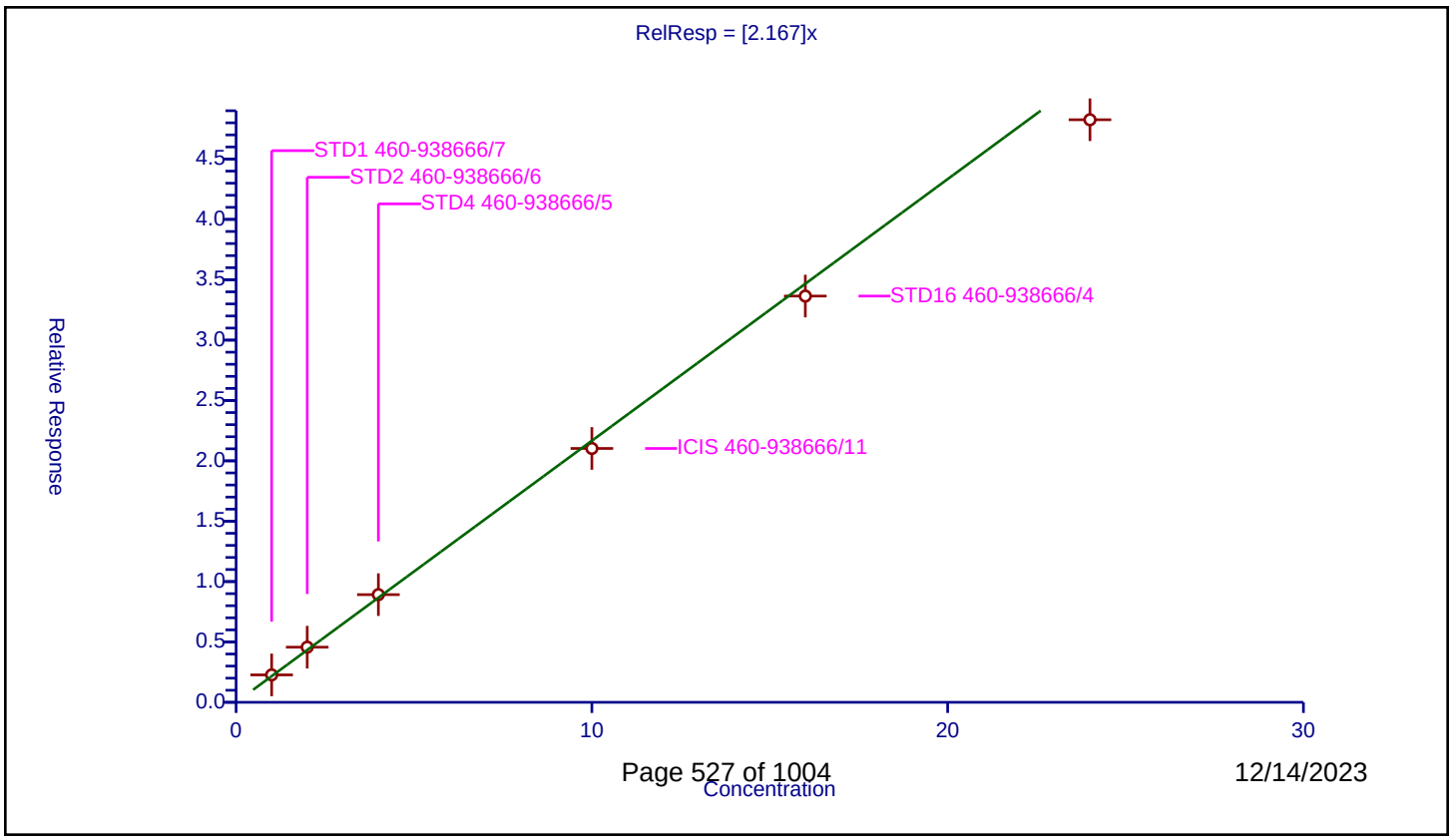
Curve Coefficients

Intercept:	0
Slope:	2.167

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	2.271144	8.0	384821.0	2.271144	Y
2	STD2 460-938666/6	2.0	4.566397	8.0	374289.0	2.283198	Y
3	STD4 460-938666/5	4.0	8.919481	8.0	367329.0	2.22987	Y
4	ICIS 460-938666/11	10.0	21.027627	8.0	337710.0	2.102763	Y
5	STD16 460-938666/4	16.0	33.649216	8.0	351561.0	2.103076	Y
6	STD24 460-938666/3	24.0	48.255197	8.0	343641.0	2.010633	Y



12/14/2023

Calibration / 1,3-Dichlorobenzene

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

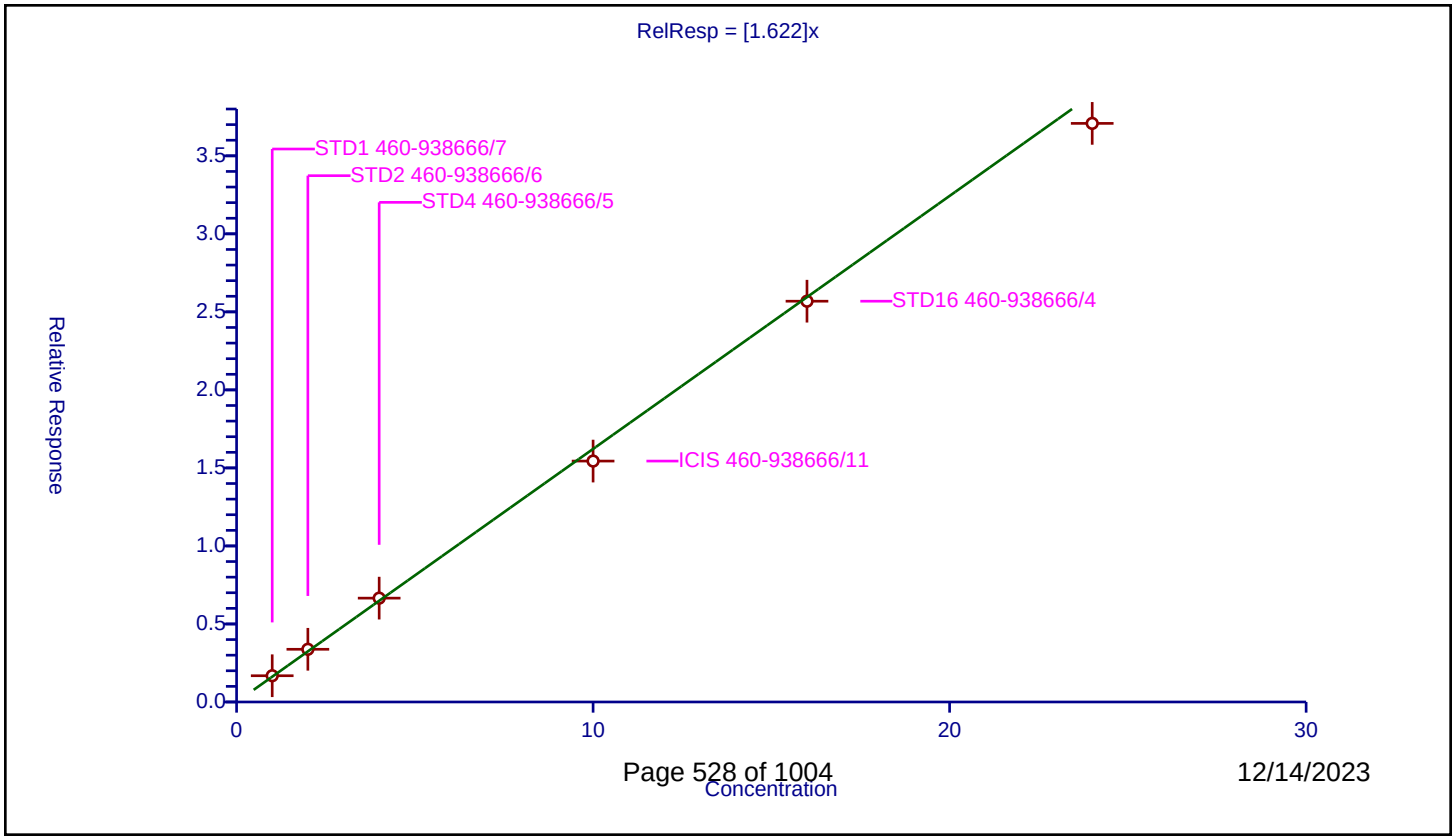
Curve Coefficients

Intercept:	0
Slope:	1.622

Error Coefficients

Standard Error:	934000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.682112	8.0	384821.0	1.682112	Y
2	STD2 460-938666/6	2.0	3.377989	8.0	374289.0	1.688994	Y
3	STD4 460-938666/5	4.0	6.655265	8.0	367329.0	1.663816	Y
4	ICIS 460-938666/11	10.0	15.439187	8.0	337710.0	1.543919	Y
5	STD16 460-938666/4	16.0	25.684646	8.0	351561.0	1.60529	Y
6	STD24 460-938666/3	24.0	37.079068	8.0	343641.0	1.544961	Y



Calibration / 1,4-Dichlorobenzene

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

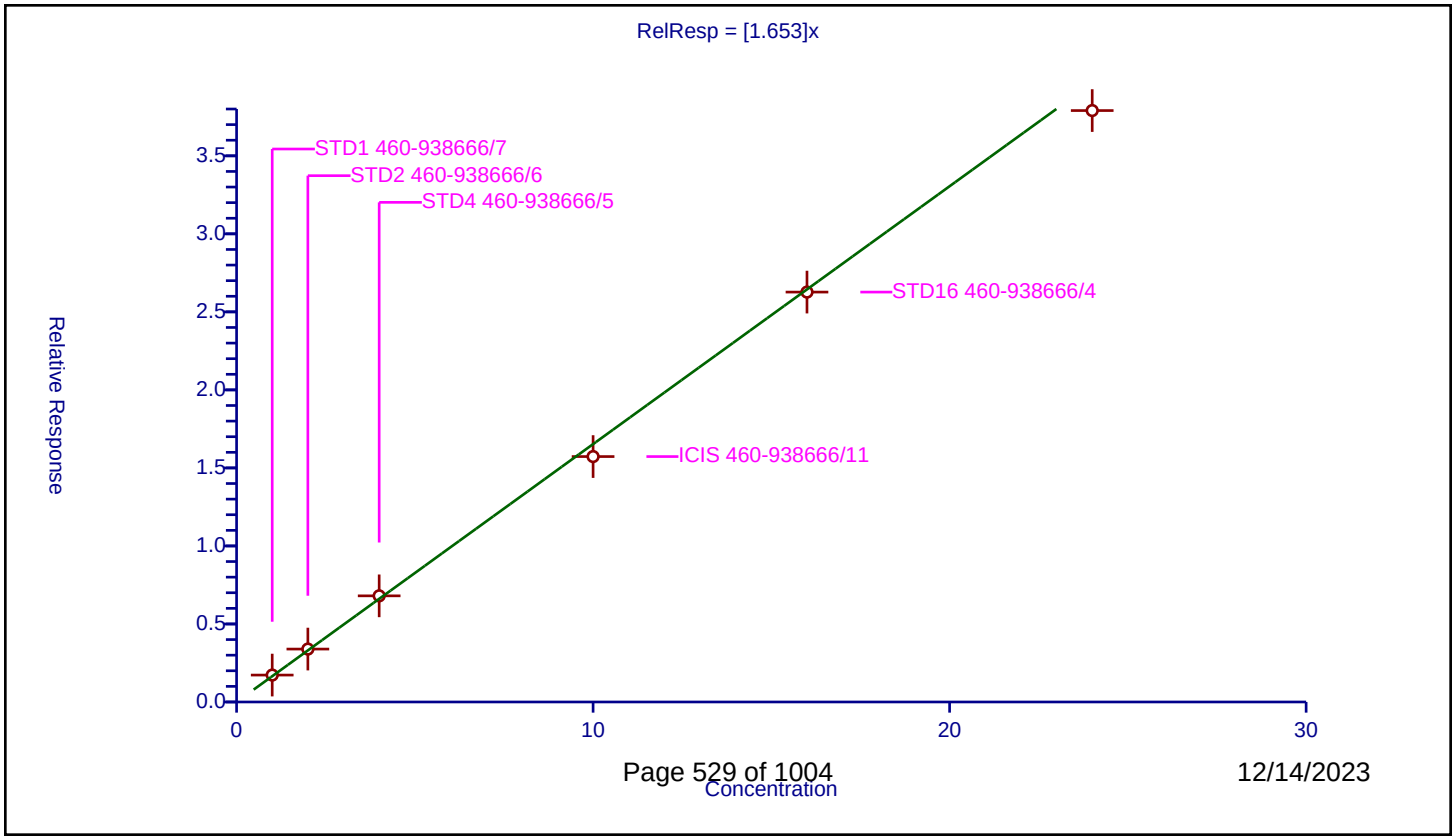
Curve Coefficients

Intercept:	0
Slope:	1.653

Error Coefficients

Standard Error:	954000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.725478	8.0	384821.0	1.725478	Y
2	STD2 460-938666/6	2.0	3.390685	8.0	374289.0	1.695342	Y
3	STD4 460-938666/5	4.0	6.802534	8.0	367329.0	1.700633	Y
4	ICIS 460-938666/11	10.0	15.728169	8.0	337710.0	1.572817	Y
5	STD16 460-938666/4	16.0	26.267624	8.0	351561.0	1.641726	Y
6	STD24 460-938666/3	24.0	37.901554	8.0	343641.0	1.579231	Y



Calibration / Benzyl alcohol

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

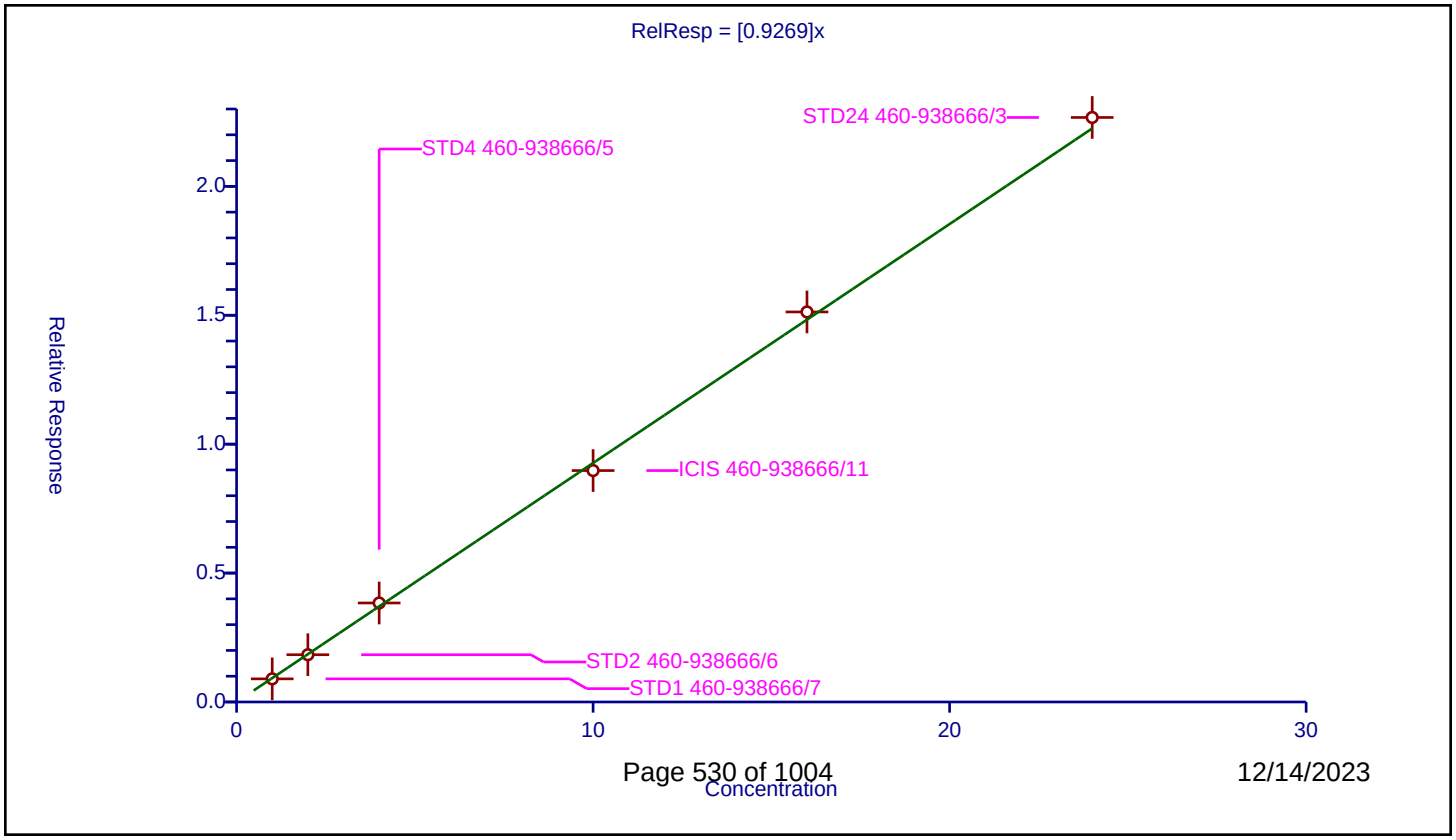
Curve Coefficients

Intercept:	0
Slope:	0.9269

Error Coefficients

Standard Error:	561000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.896936	8.0	384821.0	0.896936	Y
2	STD2 460-938666/6	2.0	1.833385	8.0	374289.0	0.916693	Y
3	STD4 460-938666/5	4.0	3.839806	8.0	367329.0	0.959951	Y
4	ICIS 460-938666/11	10.0	8.976127	8.0	337710.0	0.897613	Y
5	STD16 460-938666/4	16.0	15.128936	8.0	351561.0	0.945559	Y
6	STD24 460-938666/3	24.0	22.67194	8.0	343641.0	0.944664	Y



Calibration / 1,2-Dichlorobenzene

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

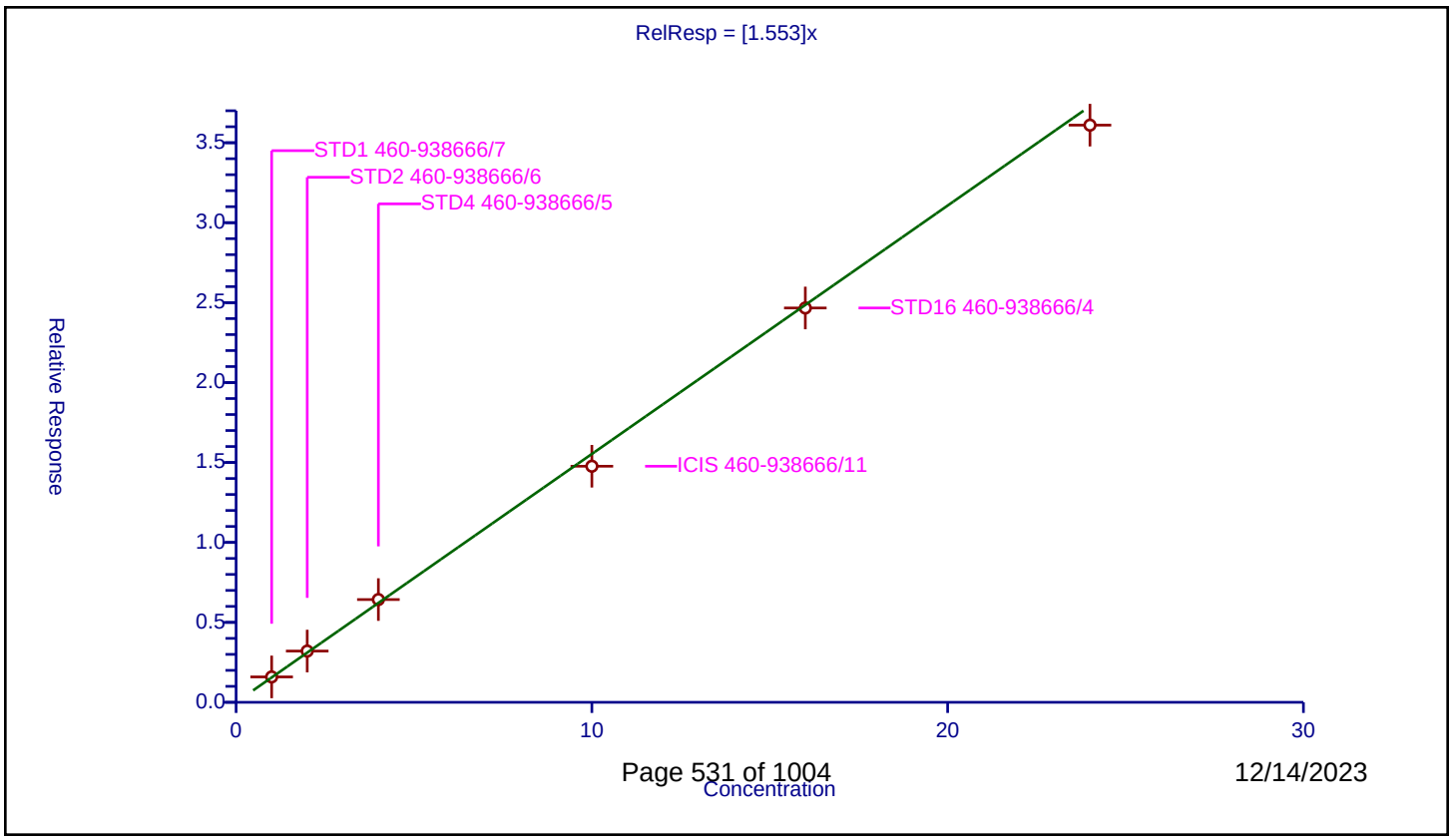
Curve Coefficients

Intercept:	0
Slope:	1.553

Error Coefficients

Standard Error:	904000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.588541	8.0	384821.0	1.588541	Y
2	STD2 460-938666/6	2.0	3.205673	8.0	374289.0	1.602836	Y
3	STD4 460-938666/5	4.0	6.427633	8.0	367329.0	1.606908	Y
4	ICIS 460-938666/11	10.0	14.767321	8.0	337710.0	1.476732	Y
5	STD16 460-938666/4	16.0	24.663191	8.0	351561.0	1.541449	Y
6	STD24 460-938666/3	24.0	36.099744	8.0	343641.0	1.504156	Y



Calibration / 2-Methylphenol

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

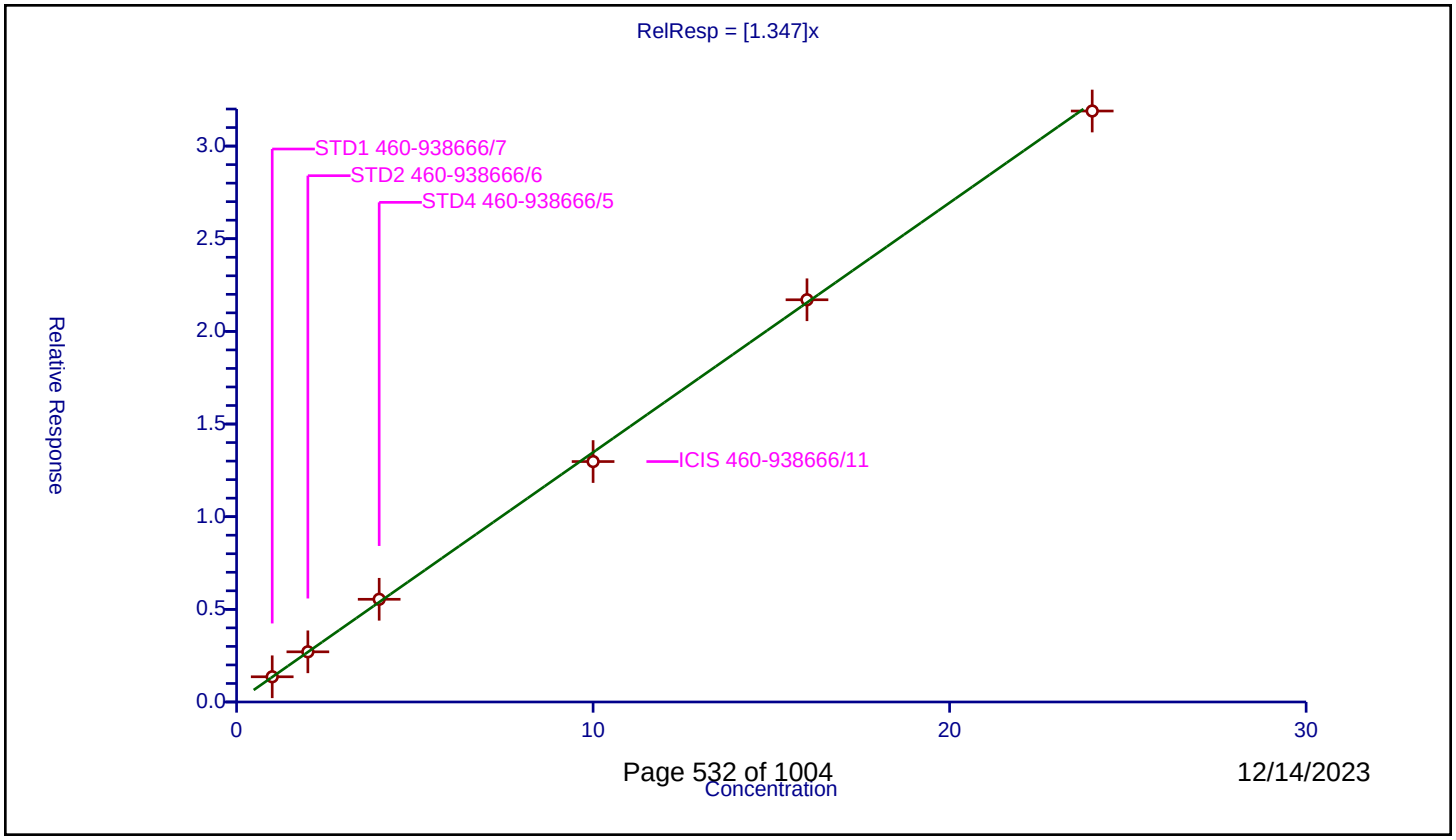
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Standard Error:	796000
Relative Standard Error:	2.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.36057	8.0	384821.0	1.36057	Y
2	STD2 460-938666/6	2.0	2.70717	8.0	374289.0	1.353585	Y
3	STD4 460-938666/5	4.0	5.542715	8.0	367329.0	1.385679	Y
4	ICIS 460-938666/11	10.0	12.975677	8.0	337710.0	1.297568	Y
5	STD16 460-938666/4	16.0	21.706731	8.0	351561.0	1.356671	Y
6	STD24 460-938666/3	24.0	31.892725	8.0	343641.0	1.328864	Y



Calibration / 2,2'-oxybis[1-chloropropane]

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

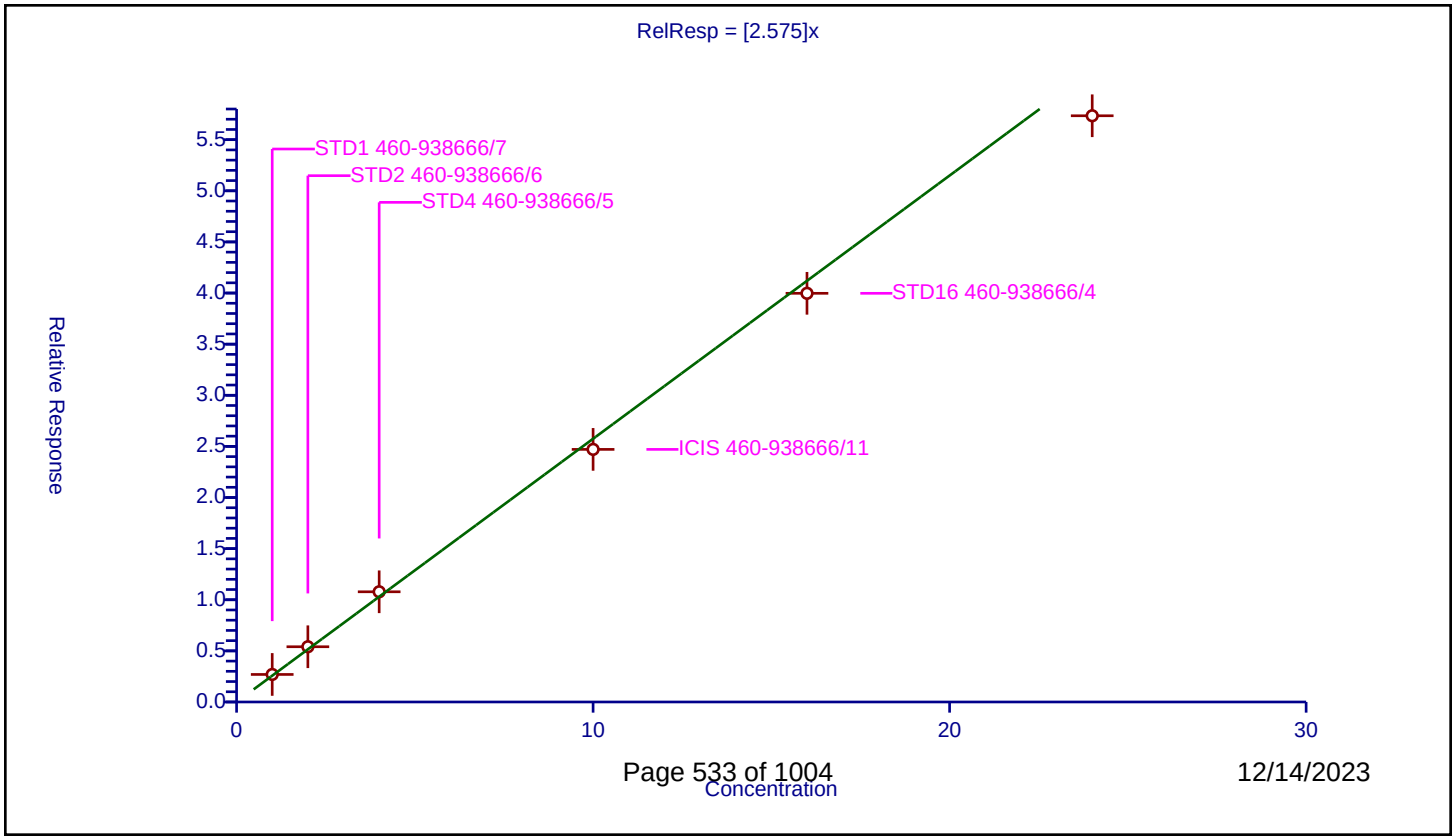
Curve Coefficients

Intercept:	0
Slope:	2.575

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	2.693242	8.0	384821.0	2.693242	Y
2	STD2 460-938666/6	2.0	5.403418	8.0	374289.0	2.701709	Y
3	STD4 460-938666/5	4.0	10.779329	8.0	367329.0	2.694832	Y
4	ICIS 460-938666/11	10.0	24.707471	8.0	337710.0	2.470747	Y
5	STD16 460-938666/4	16.0	39.974354	8.0	351561.0	2.498397	Y
6	STD24 460-938666/3	24.0	57.338932	8.0	343641.0	2.389122	Y



12/14/2023

Calibration

/ 3 & 4 Methylphenol

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

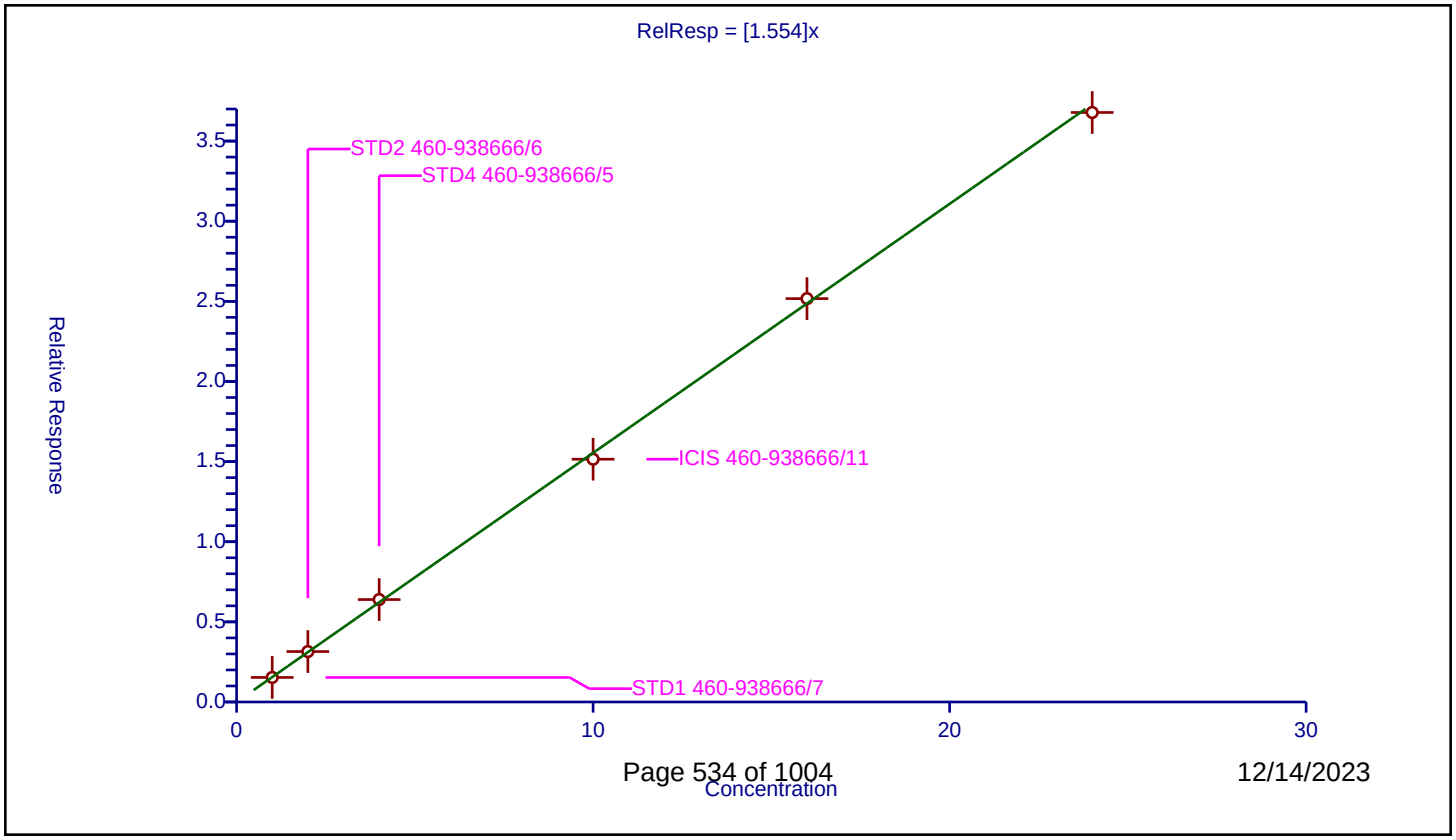
Curve Coefficients

Intercept:	0
Slope:	1.554

Error Coefficients

Standard Error:	921000
Relative Standard Error:	2.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.532203	8.0	384821.0	1.532203	Y
2	STD2 460-938666/6	2.0	3.146531	8.0	374289.0	1.573266	Y
3	STD4 460-938666/5	4.0	6.392199	8.0	367329.0	1.59805	Y
4	ICIS 460-938666/11	10.0	15.148595	8.0	337710.0	1.514859	Y
5	STD16 460-938666/4	16.0	25.169914	8.0	351561.0	1.57312	Y
6	STD24 460-938666/3	24.0	36.783504	8.0	343641.0	1.532646	Y



Calibration / 4-Methylphenol

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

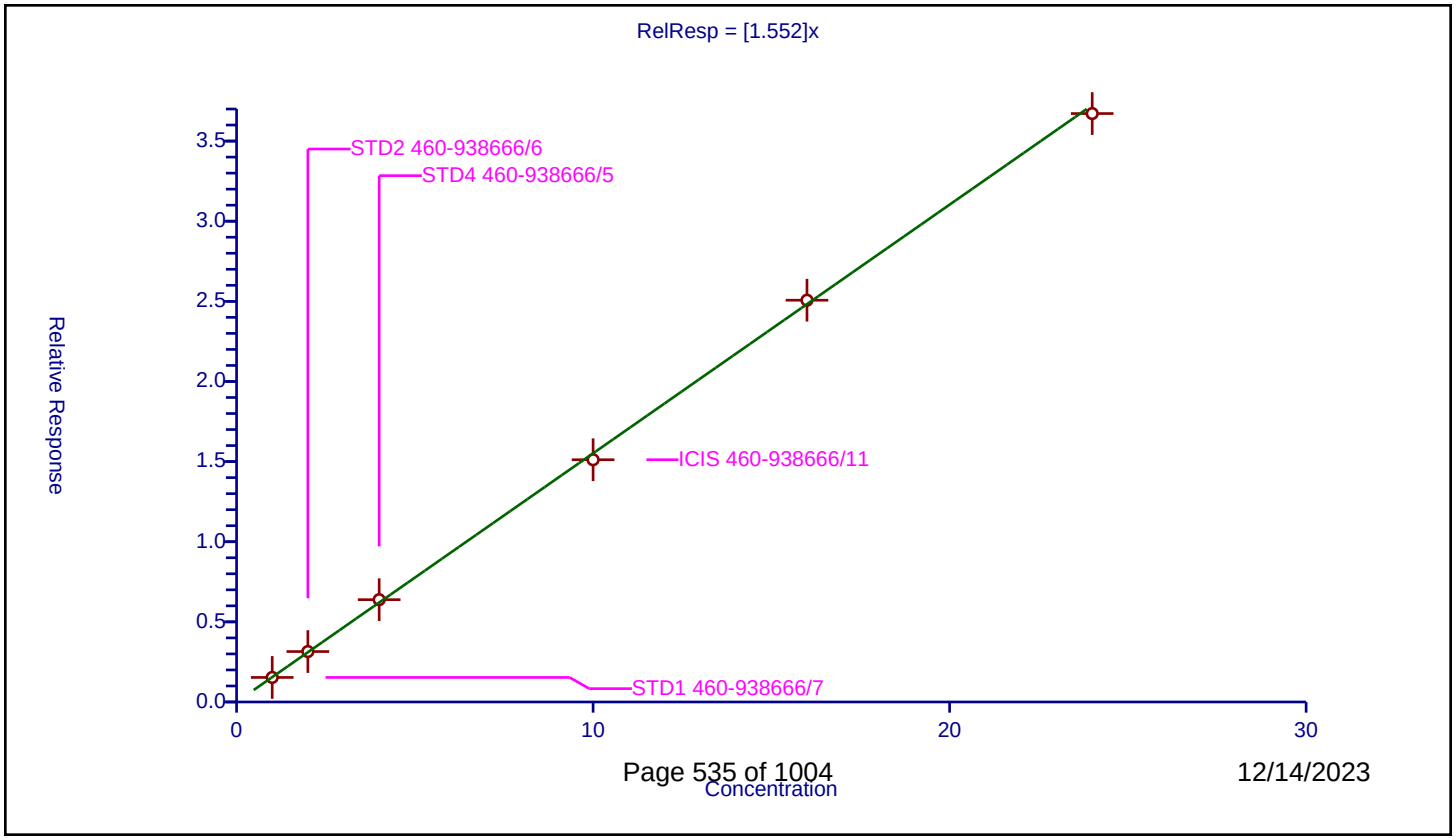
Curve Coefficients

Intercept:	0
Slope:	1.552

Error Coefficients

Standard Error:	919000
Relative Standard Error:	2.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.532203	8.0	384821.0	1.532203	Y
2	STD2 460-938666/6	2.0	3.146531	8.0	374289.0	1.573266	Y
3	STD4 460-938666/5	4.0	6.383073	8.0	367329.0	1.595768	Y
4	ICIS 460-938666/11	10.0	15.116757	8.0	337710.0	1.511676	Y
5	STD16 460-938666/4	16.0	25.070039	8.0	351561.0	1.566877	Y
6	STD24 460-938666/3	24.0	36.716806	8.0	343641.0	1.529867	Y



Calibration / N-Methylaniline

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

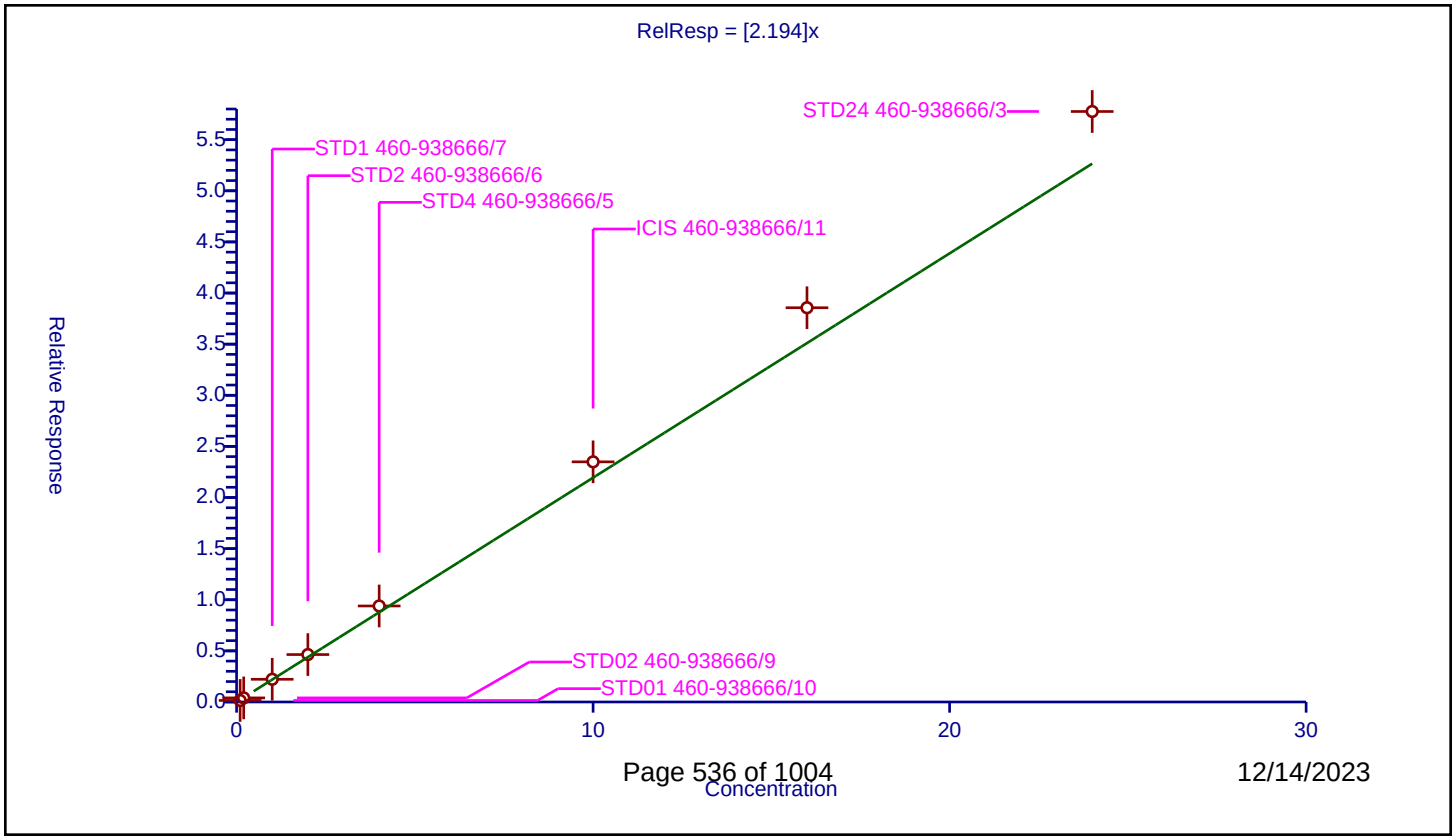
Curve Coefficients

Intercept:	0
Slope:	2.194

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.149324	8.0	354933.0	1.49324	Y
2	STD02 460-938666/9	0.2	0.401021	8.0	371232.0	2.005107	Y
3	STD1 460-938666/7	1.0	2.220087	8.0	384821.0	2.220087	Y
4	STD2 460-938666/6	2.0	4.639923	8.0	374289.0	2.319961	Y
5	STD4 460-938666/5	4.0	9.390209	8.0	367329.0	2.347552	Y
6	ICIS 460-938666/11	10.0	23.488863	8.0	337710.0	2.348886	Y
7	STD16 460-938666/4	16.0	38.563072	8.0	351561.0	2.410192	Y
8	STD24 460-938666/3	24.0	57.75823	8.0	343641.0	2.406593	Y



Calibration / N-Nitrosodi-n-propylamine

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

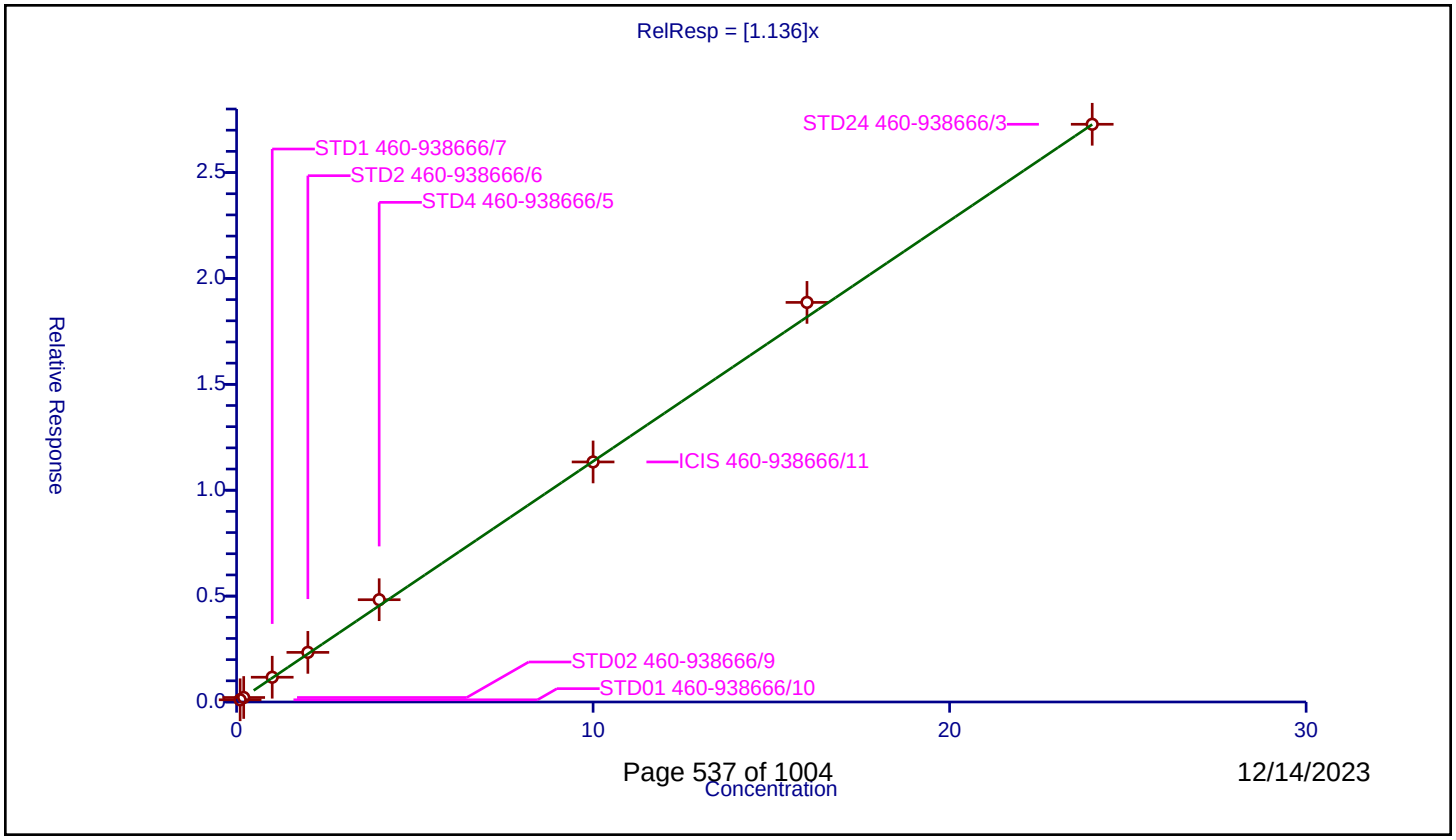
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Standard Error:	580000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.103389	8.0	354933.0	1.033885	Y
2	STD02 460-938666/9	0.2	0.211771	8.0	371232.0	1.058853	Y
3	STD1 460-938666/7	1.0	1.169333	8.0	384821.0	1.169333	Y
4	STD2 460-938666/6	2.0	2.343131	8.0	374289.0	1.171565	Y
5	STD4 460-938666/5	4.0	4.829306	8.0	367329.0	1.207326	Y
6	ICIS 460-938666/11	10.0	11.33498	8.0	337710.0	1.133498	Y
7	STD16 460-938666/4	16.0	18.868031	8.0	351561.0	1.179252	Y
8	STD24 460-938666/3	24.0	27.280074	8.0	343641.0	1.13667	Y



Calibration / Acetophenone

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

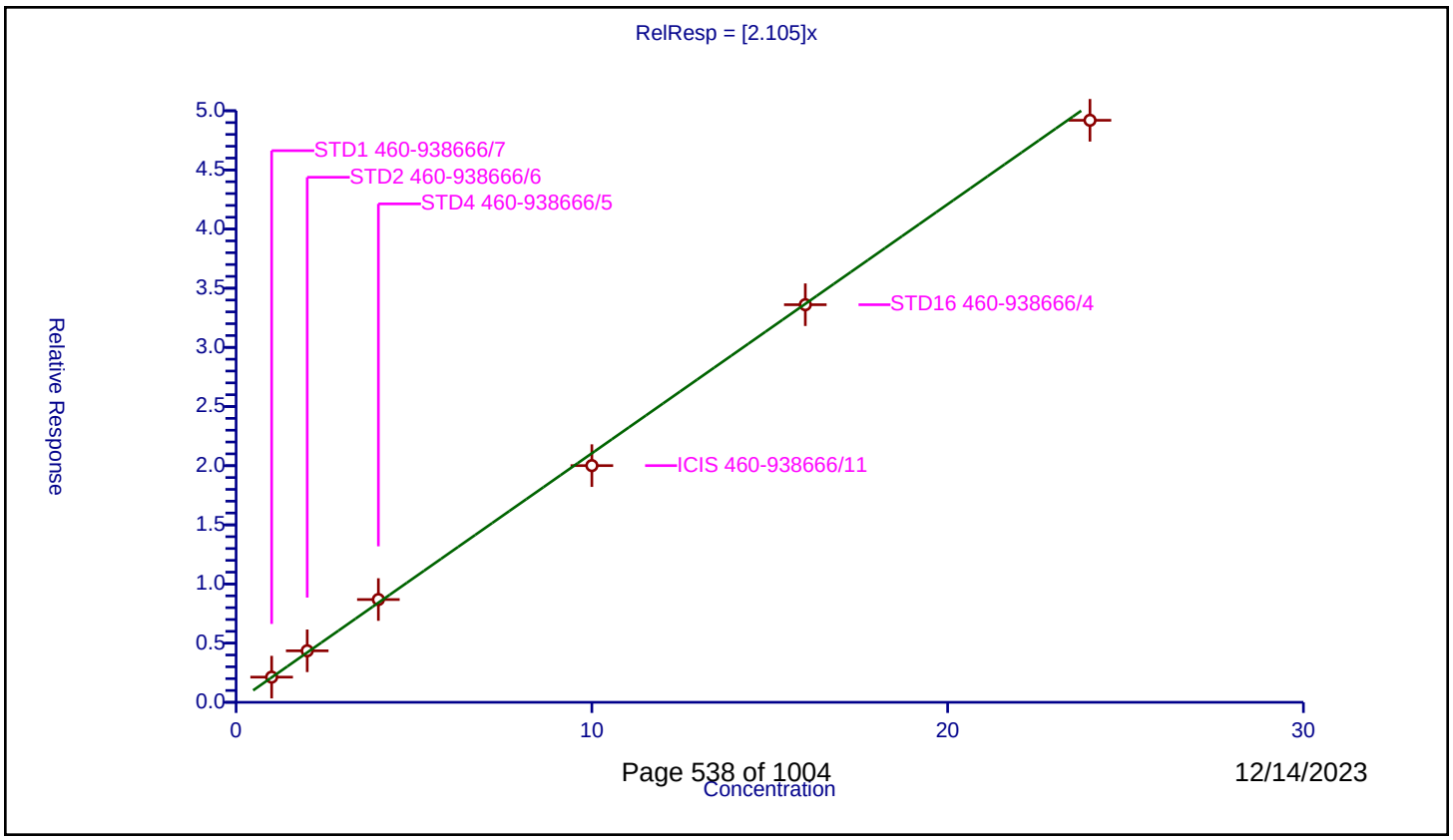
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	2.129281	8.0	384821.0	2.129281	Y
2	STD2 460-938666/6	2.0	4.354176	8.0	374289.0	2.177088	Y
3	STD4 460-938666/5	4.0	8.687318	8.0	367329.0	2.17183	Y
4	ICIS 460-938666/11	10.0	20.007486	8.0	337710.0	2.000749	Y
5	STD16 460-938666/4	16.0	33.60598	8.0	351561.0	2.100374	Y
6	STD24 460-938666/3	24.0	49.194339	8.0	343641.0	2.049764	Y



12/14/2023

Calibration / Hexachloroethane

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

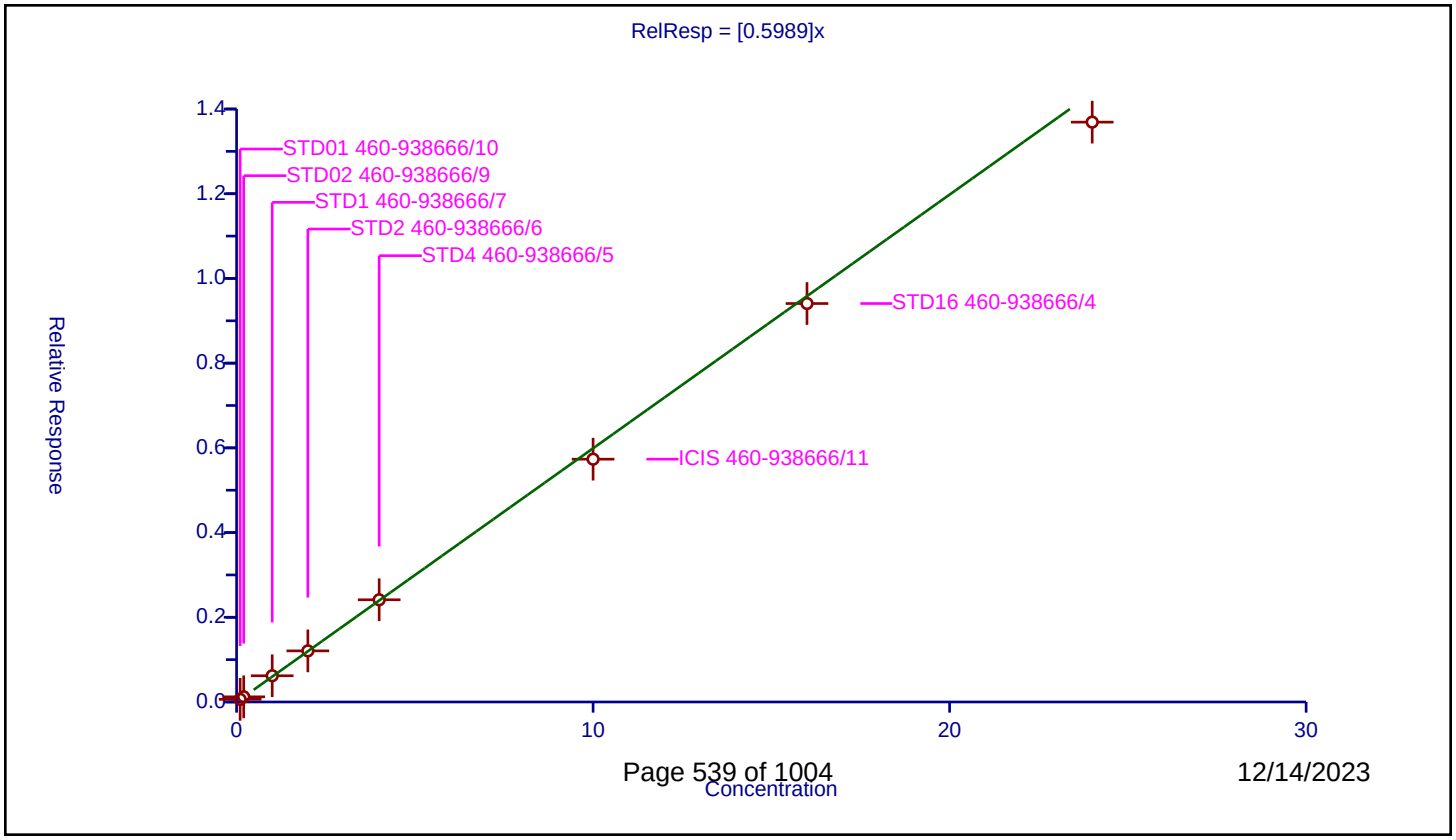
Curve Coefficients

Intercept:	0
Slope:	0.5989

Error Coefficients

Standard Error:	291000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.062637	8.0	354933.0	0.626372	Y
2	STD02 460-938666/9	0.2	0.12152	8.0	371232.0	0.607598	Y
3	STD1 460-938666/7	1.0	0.619301	8.0	384821.0	0.619301	Y
4	STD2 460-938666/6	2.0	1.206426	8.0	374289.0	0.603213	Y
5	STD4 460-938666/5	4.0	2.413509	8.0	367329.0	0.603377	Y
6	ICIS 460-938666/11	10.0	5.733014	8.0	337710.0	0.573301	Y
7	STD16 460-938666/4	16.0	9.407733	8.0	351561.0	0.587983	Y
8	STD24 460-938666/3	24.0	13.690497	8.0	343641.0	0.570437	Y



Calibration / Nitrobenzene-d5

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

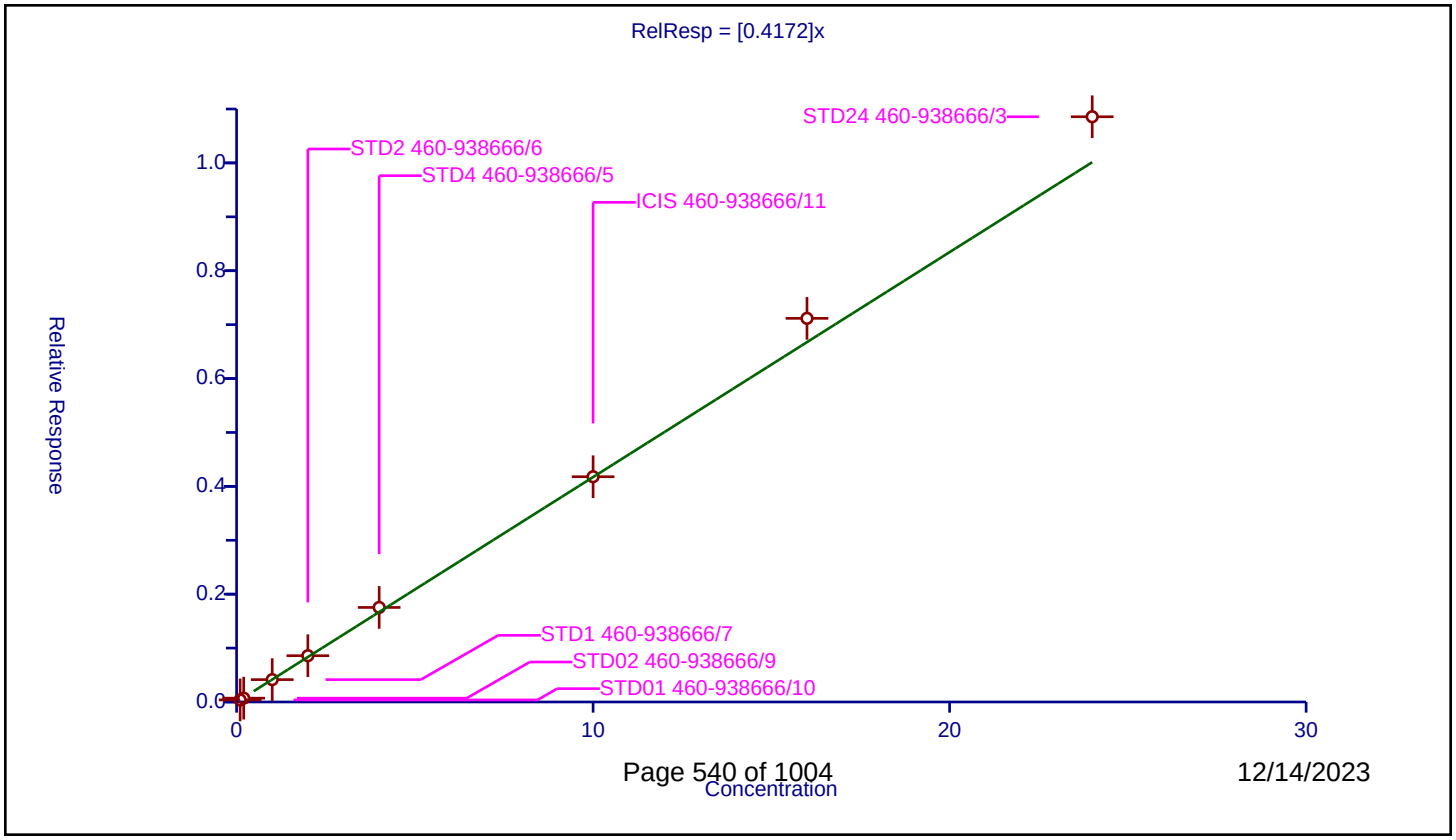
Curve Coefficients

Intercept:	0
Slope:	0.4172

Error Coefficients

Standard Error:	835000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.038513	8.0	1322573.0	0.385128	Y
2	STD02 460-938666/9	0.2	0.070977	8.0	1401356.0	0.354885	Y
3	STD1 460-938666/7	1.0	0.414887	8.0	1449263.0	0.414887	Y
4	STD2 460-938666/6	2.0	0.858587	8.0	1403925.0	0.429294	Y
5	STD4 460-938666/5	4.0	1.753969	8.0	1358738.0	0.438492	Y
6	ICIS 460-938666/11	10.0	4.178977	8.0	1240114.0	0.417898	Y
7	STD16 460-938666/4	16.0	7.116621	8.0	1296178.0	0.444789	Y
8	STD24 460-938666/3	24.0	10.856759	8.0	1278772.0	0.452365	Y



Calibration / Nitrobenzene

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

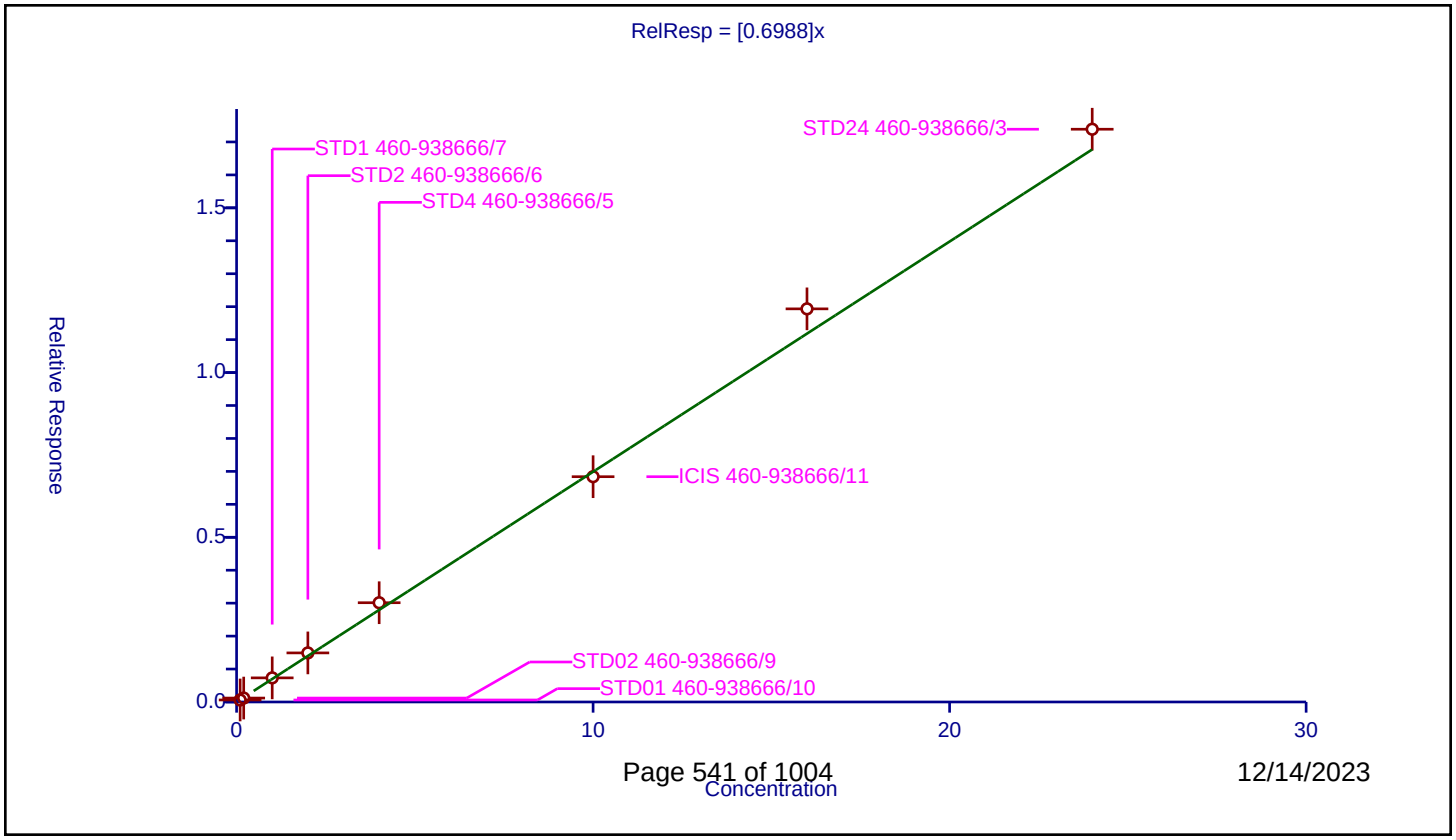
Curve Coefficients

Intercept:	0
Slope:	0.6988

Error Coefficients

Standard Error:	367000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.061059	8.0	354933.0	0.610594	Y
2	STD02 460-938666/9	0.2	0.119149	8.0	371232.0	0.595746	Y
3	STD1 460-938666/7	1.0	0.731873	8.0	384821.0	0.731873	Y
4	STD2 460-938666/6	2.0	1.490207	8.0	374289.0	0.745103	Y
5	STD4 460-938666/5	4.0	3.012928	8.0	367329.0	0.753232	Y
6	ICIS 460-938666/11	10.0	6.839051	8.0	337710.0	0.683905	Y
7	STD16 460-938666/4	16.0	11.933565	8.0	351561.0	0.745848	Y
8	STD24 460-938666/3	24.0	17.386144	8.0	343641.0	0.724423	Y



12/14/2023

Calibration / n,n'-Dimethylaniline

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

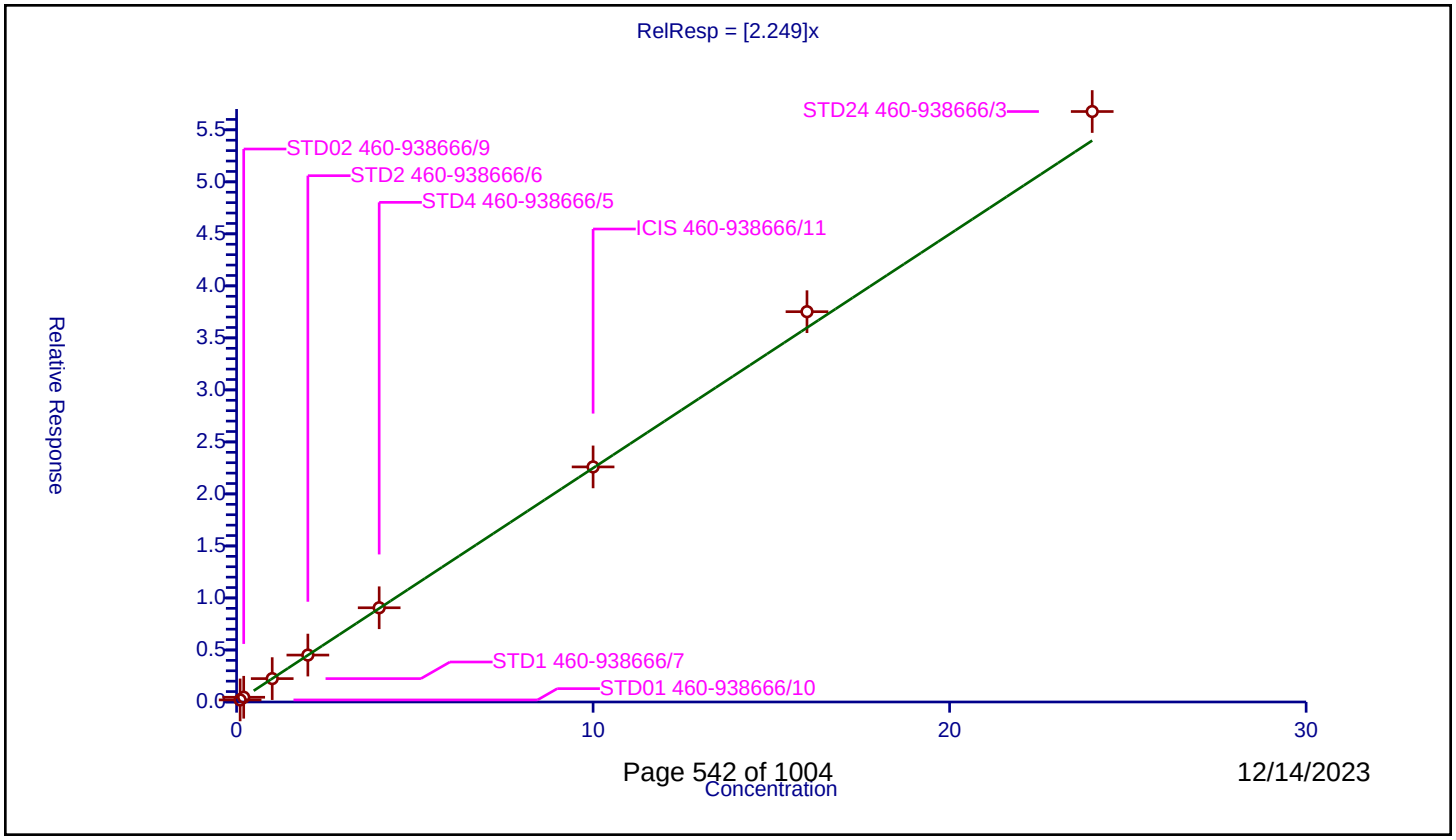
Curve Coefficients

Intercept:	0
Slope:	2.249

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.197694	8.0	354933.0	1.976936	Y
2	STD02 460-938666/9	0.2	0.455262	8.0	371232.0	2.276312	Y
3	STD1 460-938666/7	1.0	2.24626	8.0	384821.0	2.24626	Y
4	STD2 460-938666/6	2.0	4.511038	8.0	374289.0	2.255519	Y
5	STD4 460-938666/5	4.0	9.05708	8.0	367329.0	2.26427	Y
6	ICIS 460-938666/11	10.0	22.596382	8.0	337710.0	2.259638	Y
7	STD16 460-938666/4	16.0	37.519406	8.0	351561.0	2.344963	Y
8	STD24 460-938666/3	24.0	56.758466	8.0	343641.0	2.364936	Y



Calibration / Isophorone

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

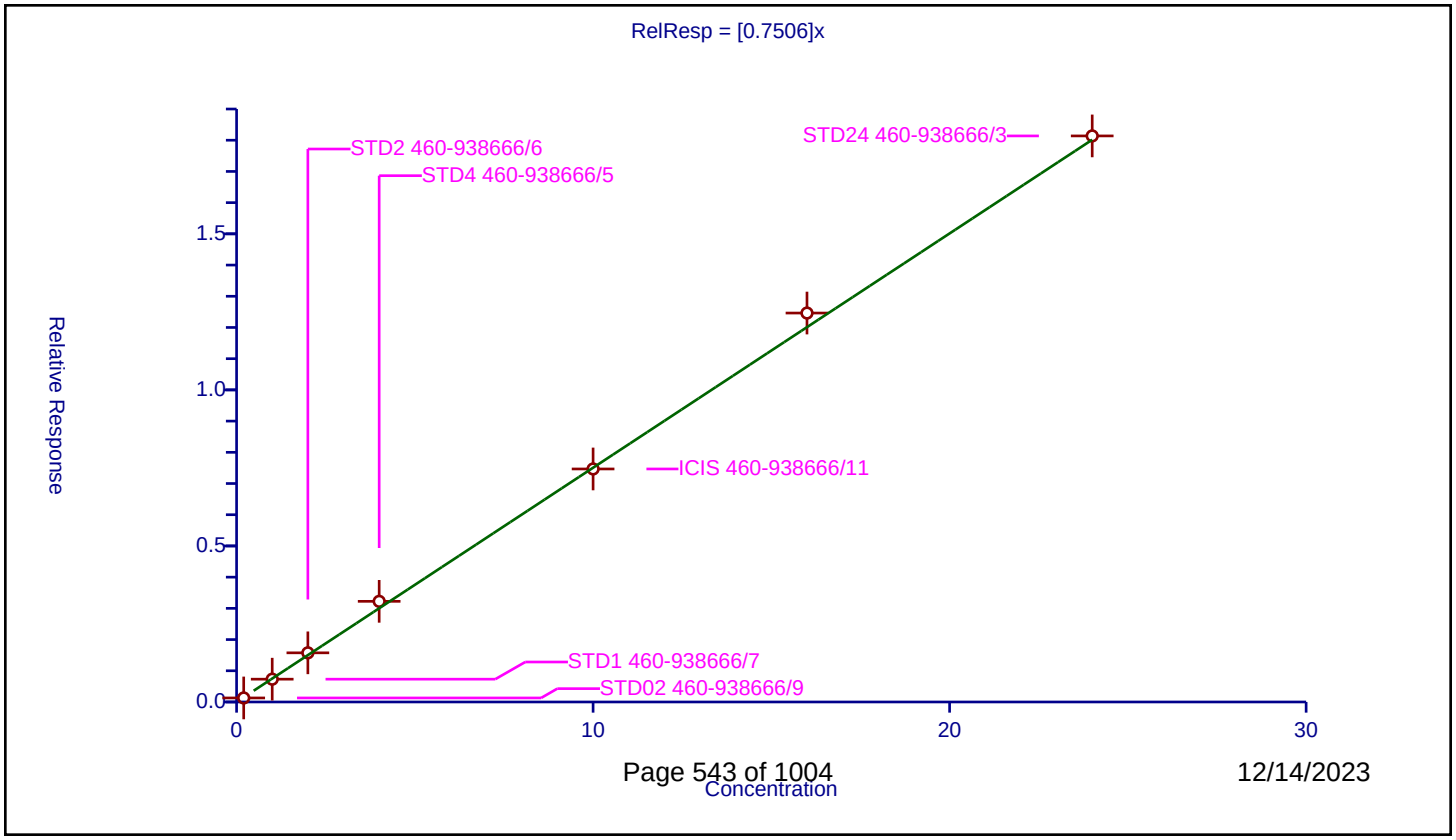
Curve Coefficients

Intercept:	0
Slope:	0.7506

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.129794	8.0	1401356.0	0.648971	Y
2	STD1 460-938666/7	1.0	0.730611	8.0	1449263.0	0.730611	Y
3	STD2 460-938666/6	2.0	1.574831	8.0	1403925.0	0.787415	Y
4	STD4 460-938666/5	4.0	3.224934	8.0	1358738.0	0.806233	Y
5	ICIS 460-938666/11	10.0	7.466959	8.0	1240114.0	0.746696	Y
6	STD16 460-938666/4	16.0	12.462177	8.0	1296178.0	0.778886	Y
7	STD24 460-938666/3	24.0	18.137494	8.0	1278772.0	0.755729	Y



Calibration / 2-Nitrophenol

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

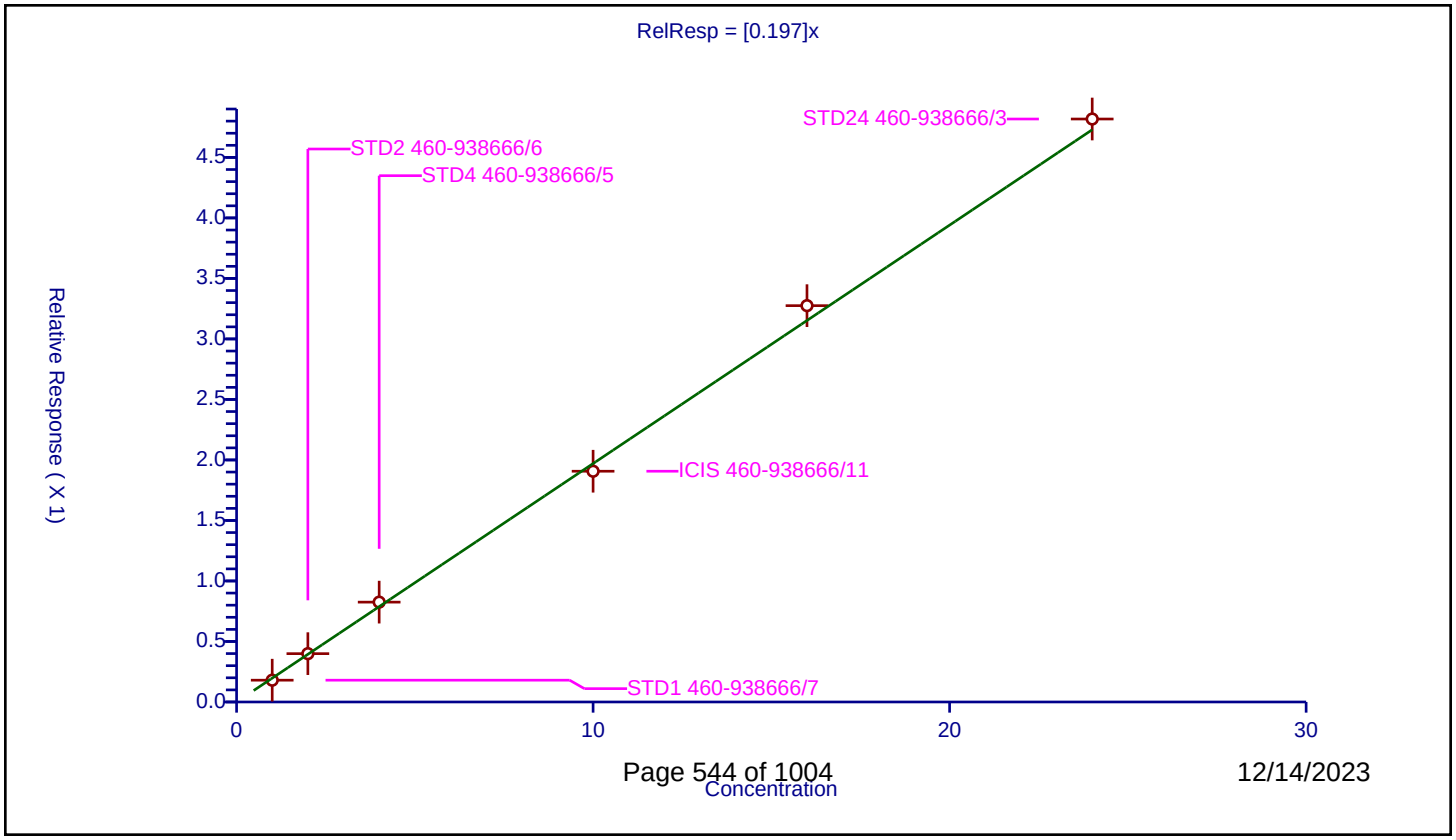
Curve Coefficients

Intercept:	0
Slope:	0.197

Error Coefficients

Standard Error:	444000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.180103	8.0	1449263.0	0.180103	Y
2	STD2 460-938666/6	2.0	0.39936	8.0	1403925.0	0.19968	Y
3	STD4 460-938666/5	4.0	0.825219	8.0	1358738.0	0.206305	Y
4	ICIS 460-938666/11	10.0	1.906805	8.0	1240114.0	0.190681	Y
5	STD16 460-938666/4	16.0	3.275149	8.0	1296178.0	0.204697	Y
6	STD24 460-938666/3	24.0	4.817384	8.0	1278772.0	0.200724	Y



12/14/2023

Calibration / 2,4-Dimethylphenol

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

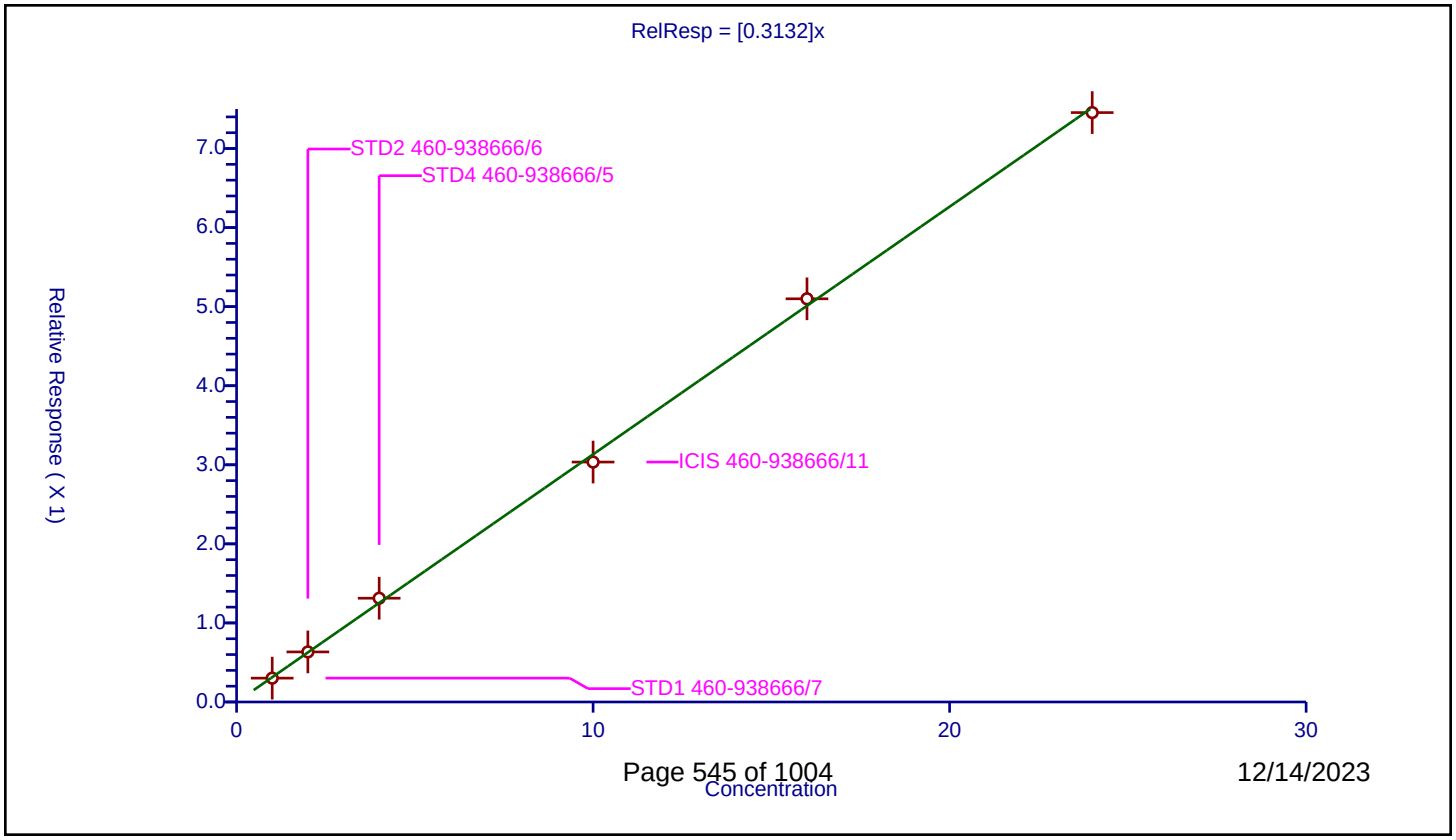
Curve Coefficients

Intercept:	0
Slope:	0.3132

Error Coefficients

Standard Error:	691000
Relative Standard Error:	3.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.301775	8.0	1449263.0	0.301775	Y
2	STD2 460-938666/6	2.0	0.633304	8.0	1403925.0	0.316652	Y
3	STD4 460-938666/5	4.0	1.312459	8.0	1358738.0	0.328115	Y
4	ICIS 460-938666/11	10.0	3.034553	8.0	1240114.0	0.303455	Y
5	STD16 460-938666/4	16.0	5.099658	8.0	1296178.0	0.318729	Y
6	STD24 460-938666/3	24.0	7.454746	8.0	1278772.0	0.310614	Y



12/14/2023

Calibration / Benzoic acid

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

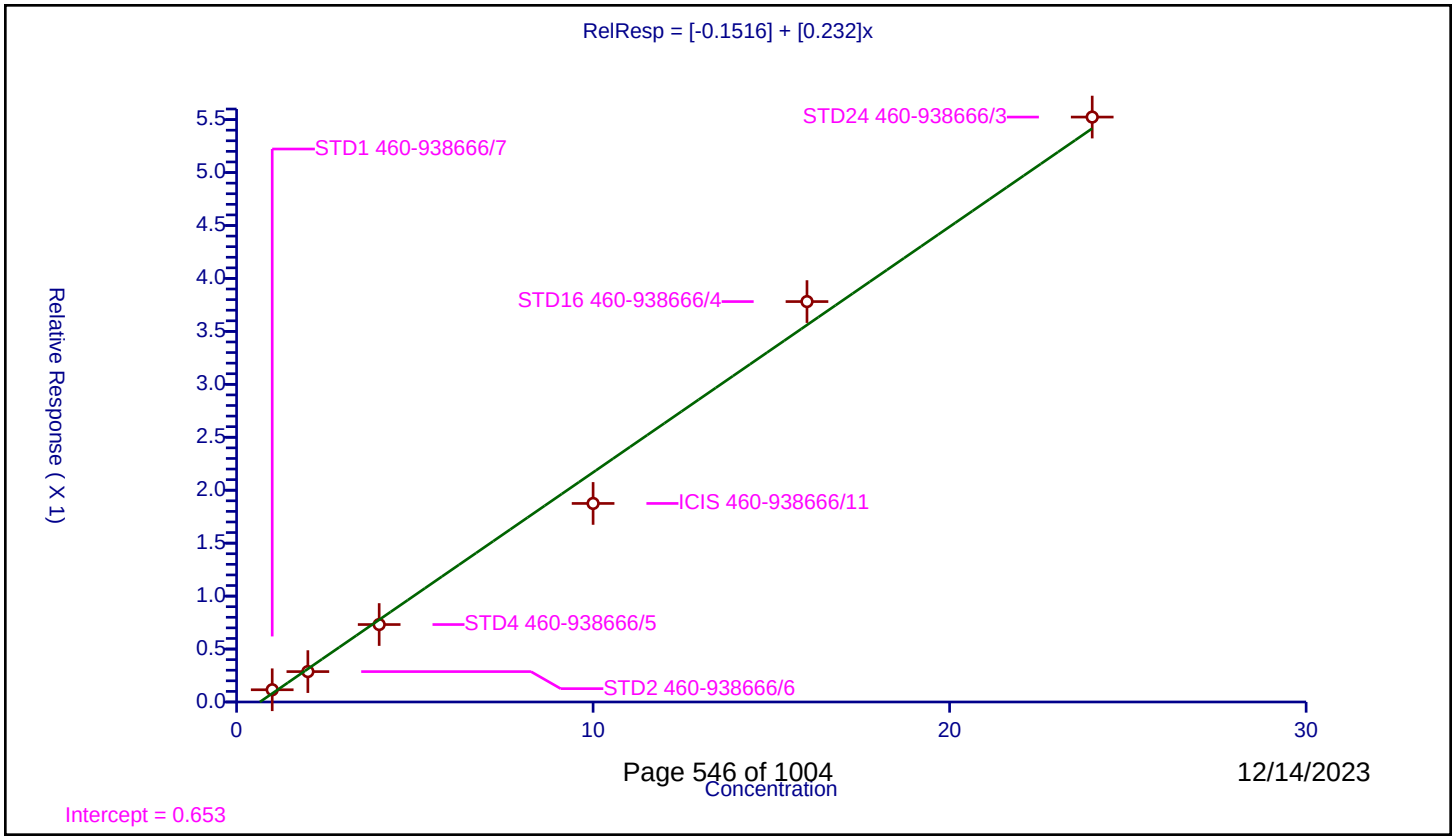
Curve Coefficients

Intercept:	-0.1516
Slope:	0.232

Error Coefficients

Standard Error:	561000
Relative Standard Error:	10.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.11538	8.0	1449263.0	0.11538	Y
2	STD2 460-938666/6	2.0	0.286995	8.0	1403925.0	0.143498	Y
3	STD4 460-938666/5	4.0	0.731532	8.0	1358738.0	0.182883	Y
4	ICIS 460-938666/11	10.0	1.875176	8.0	1240114.0	0.187518	Y
5	STD16 460-938666/4	16.0	3.781407	8.0	1296178.0	0.236338	Y
6	STD24 460-938666/3	24.0	5.523824	8.0	1278772.0	0.230159	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

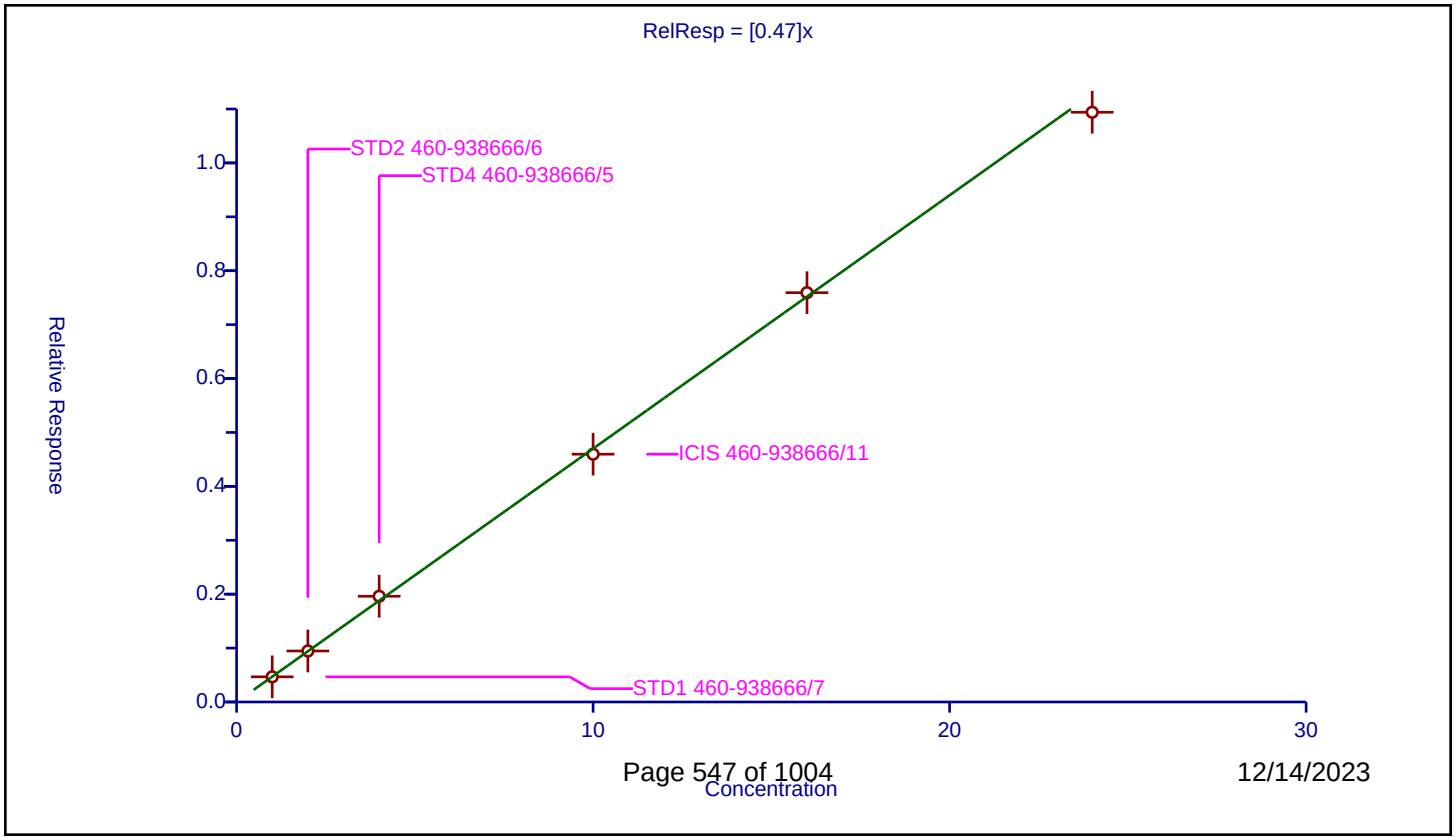
Curve Coefficients

Intercept:	0
Slope:	0.47

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.466615	8.0	1449263.0	0.466615	Y
2	STD2 460-938666/6	2.0	0.946073	8.0	1403925.0	0.473037	Y
3	STD4 460-938666/5	4.0	1.960949	8.0	1358738.0	0.490237	Y
4	ICIS 460-938666/11	10.0	4.596648	8.0	1240114.0	0.459665	Y
5	STD16 460-938666/4	16.0	7.593148	8.0	1296178.0	0.474572	Y
6	STD24 460-938666/3	24.0	10.939583	8.0	1278772.0	0.455816	Y



Calibration / 2,4-Dichlorophenol

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

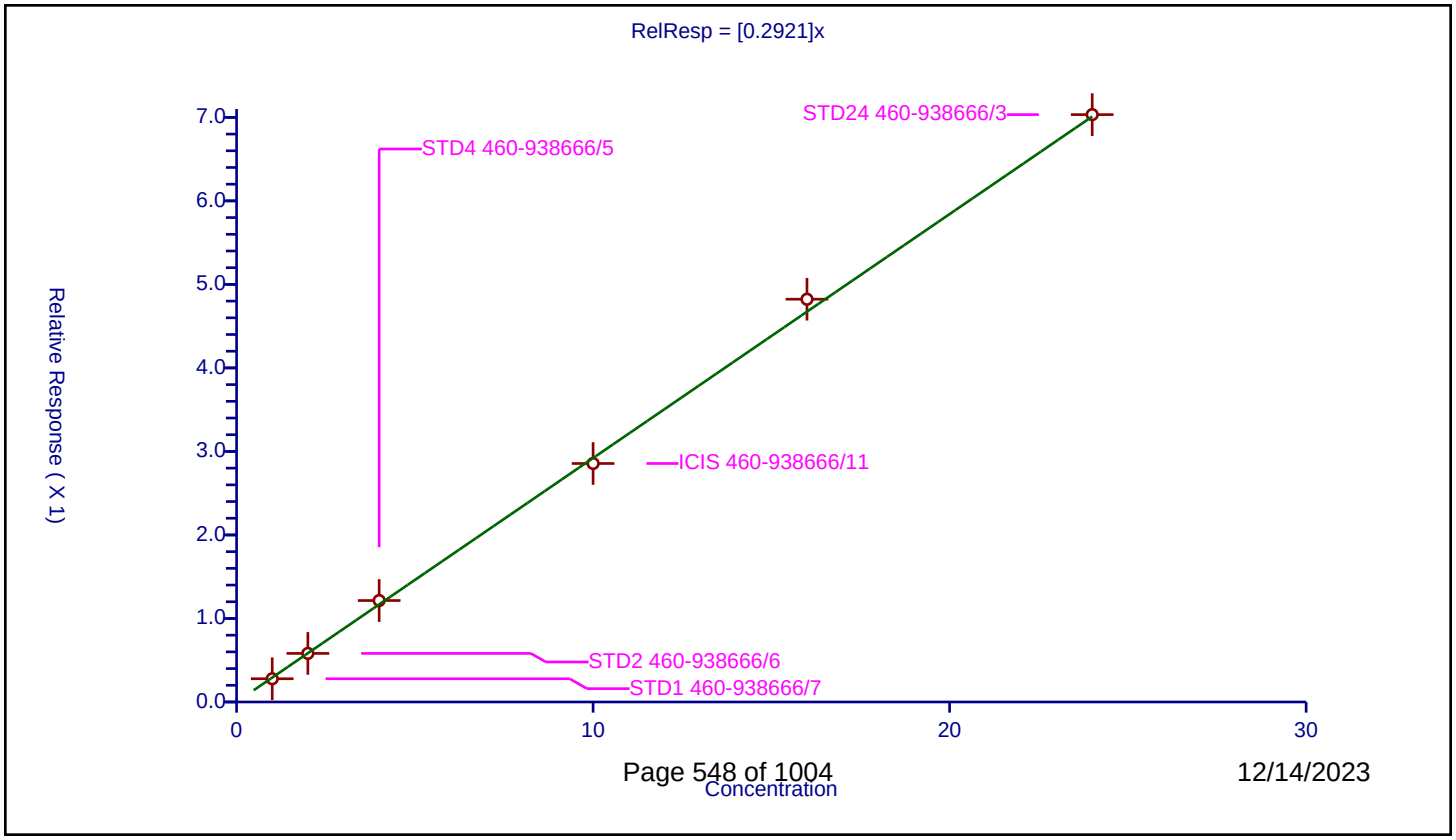
Curve Coefficients

Intercept:	0
Slope:	0.2921

Error Coefficients

Standard Error:	652000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.278105	8.0	1449263.0	0.278105	Y
2	STD2 460-938666/6	2.0	0.581473	8.0	1403925.0	0.290736	Y
3	STD4 460-938666/5	4.0	1.214727	8.0	1358738.0	0.303682	Y
4	ICIS 460-938666/11	10.0	2.85577	8.0	1240114.0	0.285577	Y
5	STD16 460-938666/4	16.0	4.822628	8.0	1296178.0	0.301414	Y
6	STD24 460-938666/3	24.0	7.033097	8.0	1278772.0	0.293046	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

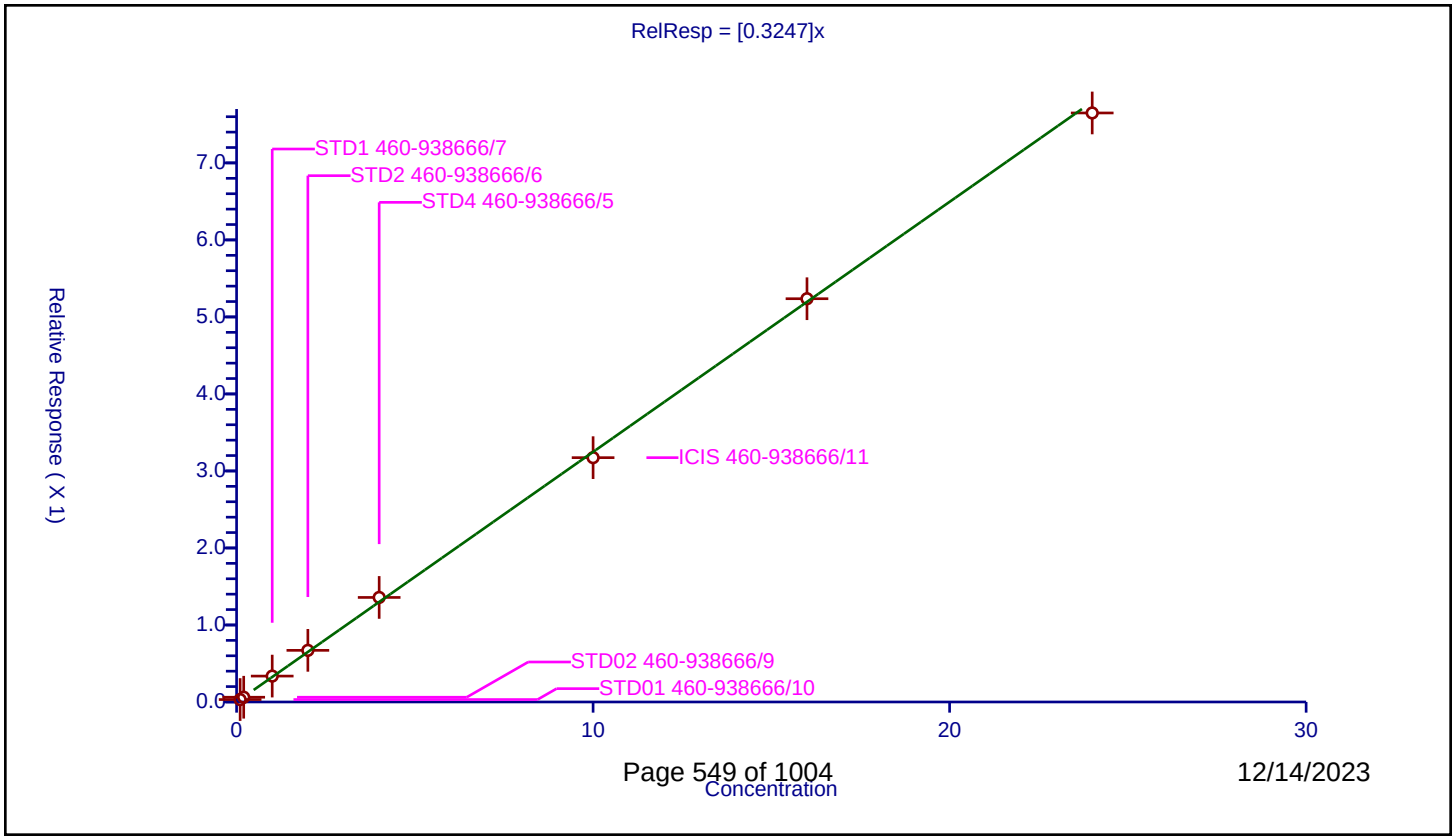
Curve Coefficients

Intercept:	0
Slope:	0.3247

Error Coefficients

Standard Error:	601000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.031514	8.0	1322573.0	0.315143	Y
2	STD02 460-938666/9	0.2	0.061666	8.0	1401356.0	0.30833	Y
3	STD1 460-938666/7	1.0	0.336414	8.0	1449263.0	0.336414	Y
4	STD2 460-938666/6	2.0	0.670554	8.0	1403925.0	0.335277	Y
5	STD4 460-938666/5	4.0	1.357672	8.0	1358738.0	0.339418	Y
6	ICIS 460-938666/11	10.0	3.172812	8.0	1240114.0	0.317281	Y
7	STD16 460-938666/4	16.0	5.236701	8.0	1296178.0	0.327294	Y
8	STD24 460-938666/3	24.0	7.648632	8.0	1278772.0	0.318693	Y



Calibration / Naphthalene

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

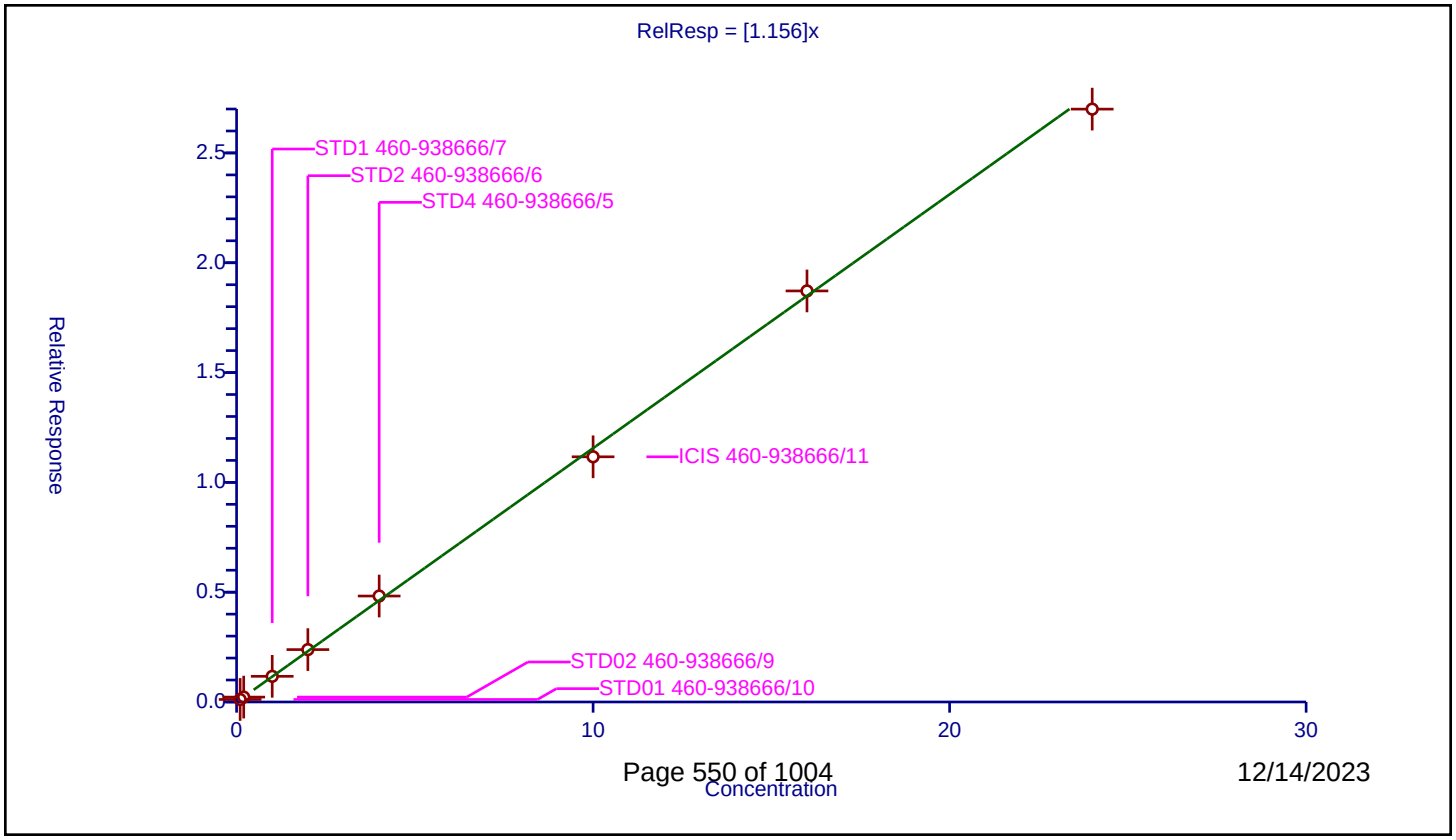
Curve Coefficients

Intercept:	0
Slope:	1.156

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.115067	8.0	1322573.0	1.150666	Y
2	STD02 460-938666/9	0.2	0.223224	8.0	1401356.0	1.116119	Y
3	STD1 460-938666/7	1.0	1.168329	8.0	1449263.0	1.168329	Y
4	STD2 460-938666/6	2.0	2.385387	8.0	1403925.0	1.192693	Y
5	STD4 460-938666/5	4.0	4.824689	8.0	1358738.0	1.206172	Y
6	ICIS 460-938666/11	10.0	11.164238	8.0	1240114.0	1.116424	Y
7	STD16 460-938666/4	16.0	18.71601	8.0	1296178.0	1.169751	Y
8	STD24 460-938666/3	24.0	26.995324	8.0	1278772.0	1.124805	Y



Calibration / 4-Chloroaniline

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

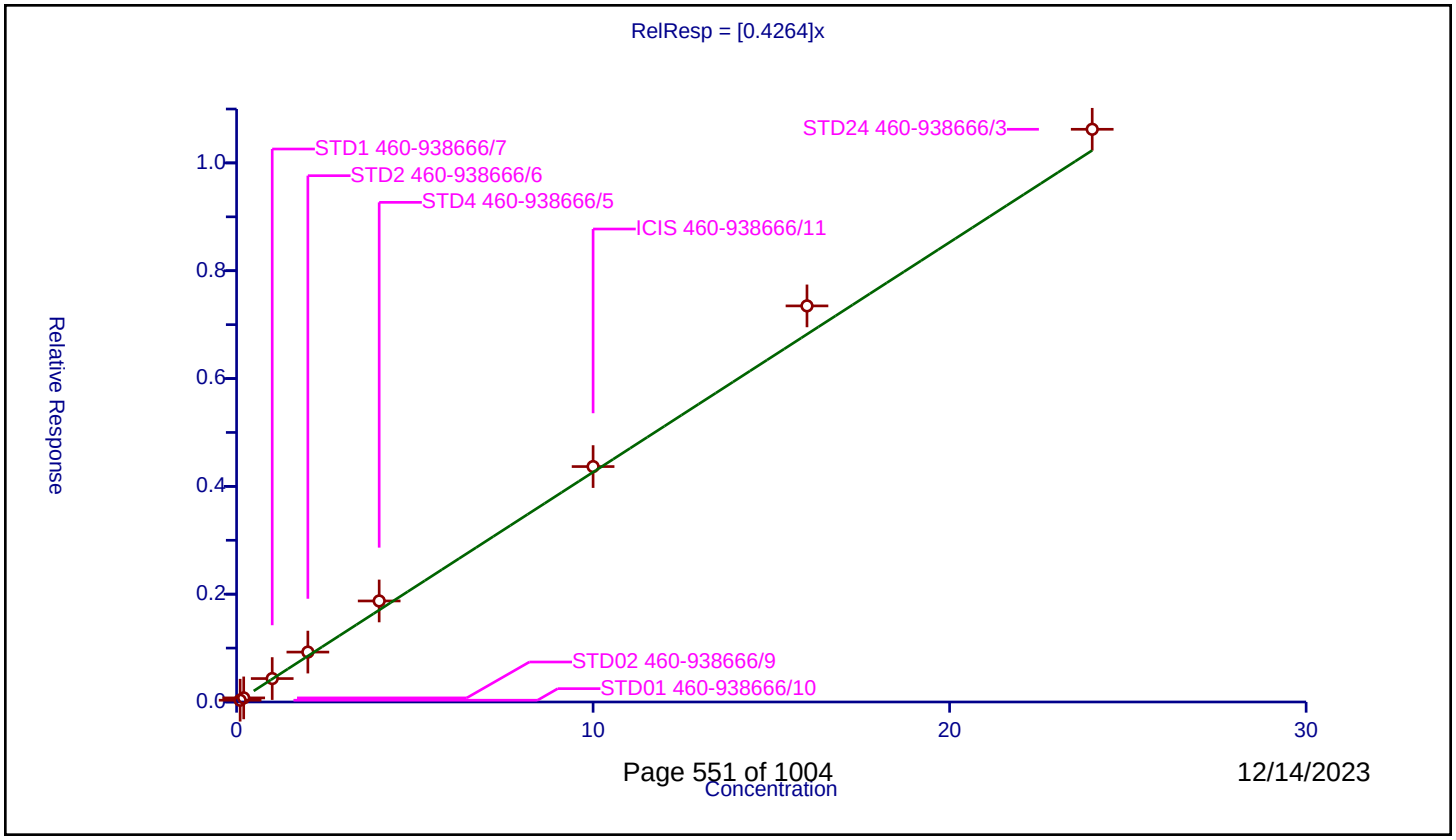
Curve Coefficients

Intercept:	0
Slope:	0.4264

Error Coefficients

Standard Error:	836000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.032664	8.0	1322573.0	0.326636	Y
2	STD02 460-938666/9	0.2	0.075915	8.0	1401356.0	0.379575	Y
3	STD1 460-938666/7	1.0	0.434571	8.0	1449263.0	0.434571	Y
4	STD2 460-938666/6	2.0	0.925953	8.0	1403925.0	0.462976	Y
5	STD4 460-938666/5	4.0	1.874345	8.0	1358738.0	0.468586	Y
6	ICIS 460-938666/11	10.0	4.36705	8.0	1240114.0	0.436705	Y
7	STD16 460-938666/4	16.0	7.347806	8.0	1296178.0	0.459238	Y
8	STD24 460-938666/3	24.0	10.623836	8.0	1278772.0	0.44266	Y



Calibration / 2,6-Dichlorophenol

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

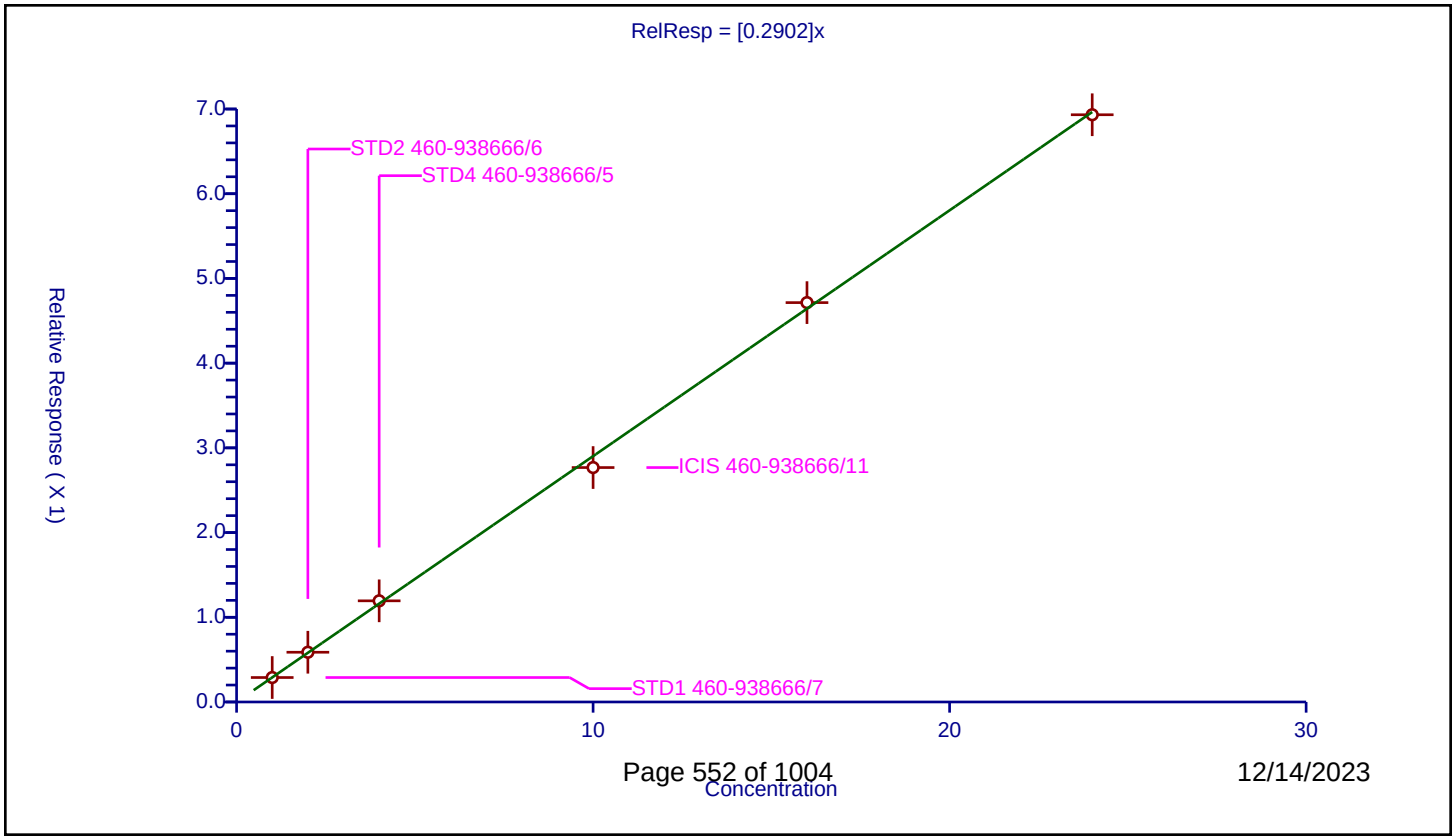
Curve Coefficients

Intercept:	0
Slope:	0.2902

Error Coefficients

Standard Error:	640000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.28877	8.0	1449263.0	0.28877	Y
2	STD2 460-938666/6	2.0	0.587199	8.0	1403925.0	0.2936	Y
3	STD4 460-938666/5	4.0	1.19409	8.0	1358738.0	0.298523	Y
4	ICIS 460-938666/11	10.0	2.767571	8.0	1240114.0	0.276757	Y
5	STD16 460-938666/4	16.0	4.714624	8.0	1296178.0	0.294664	Y
6	STD24 460-938666/3	24.0	6.932338	8.0	1278772.0	0.288847	Y



Calibration / Hexachlorobutadiene

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

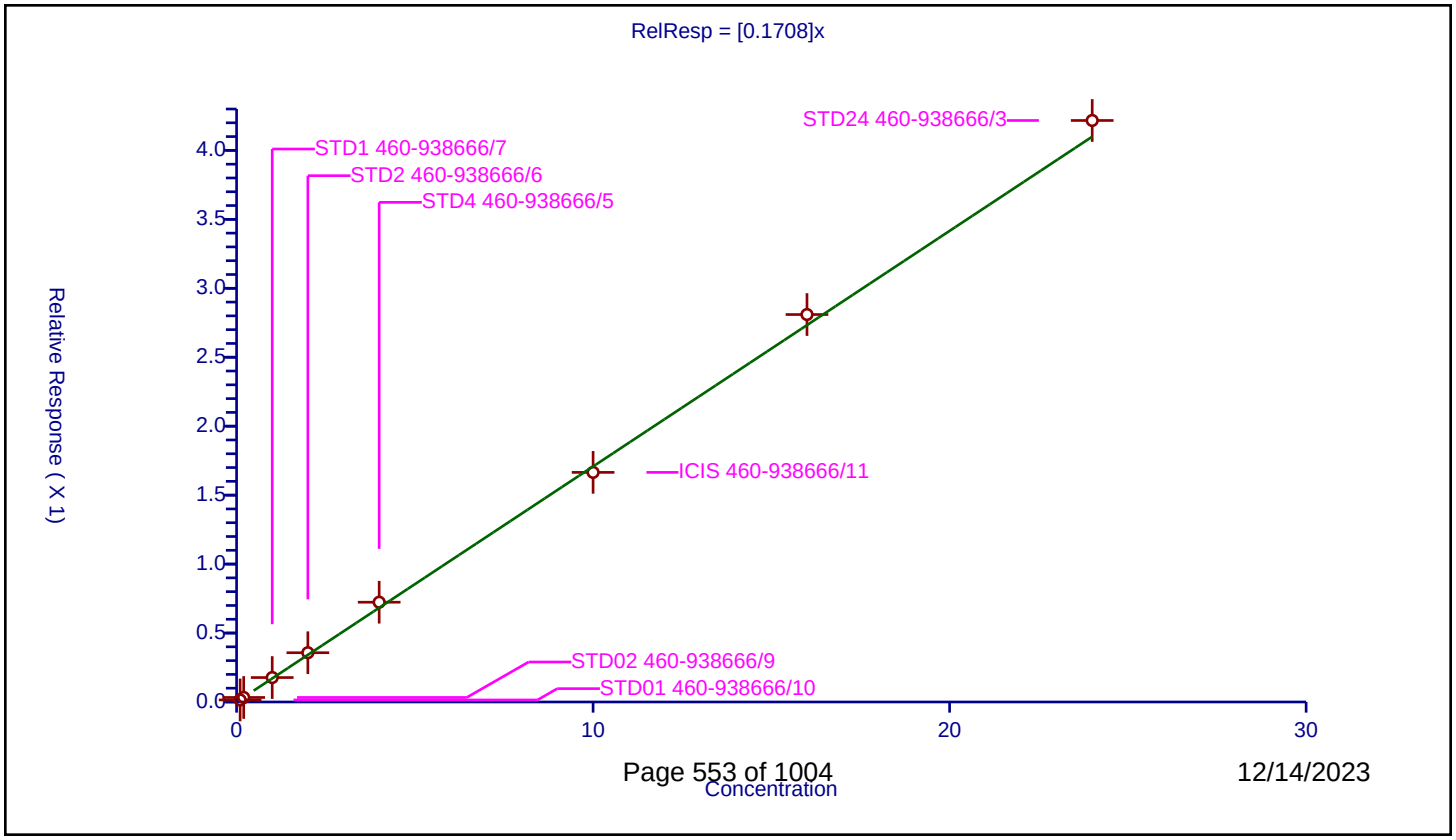
Curve Coefficients

Intercept:	0
Slope:	0.1708

Error Coefficients

Standard Error:	327000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.014795	8.0	1322573.0	0.147954	Y
2	STD02 460-938666/9	0.2	0.032814	8.0	1401356.0	0.16407	Y
3	STD1 460-938666/7	1.0	0.177155	8.0	1449263.0	0.177155	Y
4	STD2 460-938666/6	2.0	0.357307	8.0	1403925.0	0.178653	Y
5	STD4 460-938666/5	4.0	0.723518	8.0	1358738.0	0.18088	Y
6	ICIS 460-938666/11	10.0	1.665034	8.0	1240114.0	0.166503	Y
7	STD16 460-938666/4	16.0	2.809639	8.0	1296178.0	0.175602	Y
8	STD24 460-938666/3	24.0	4.216871	8.0	1278772.0	0.175703	Y



Calibration / Caprolactam

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

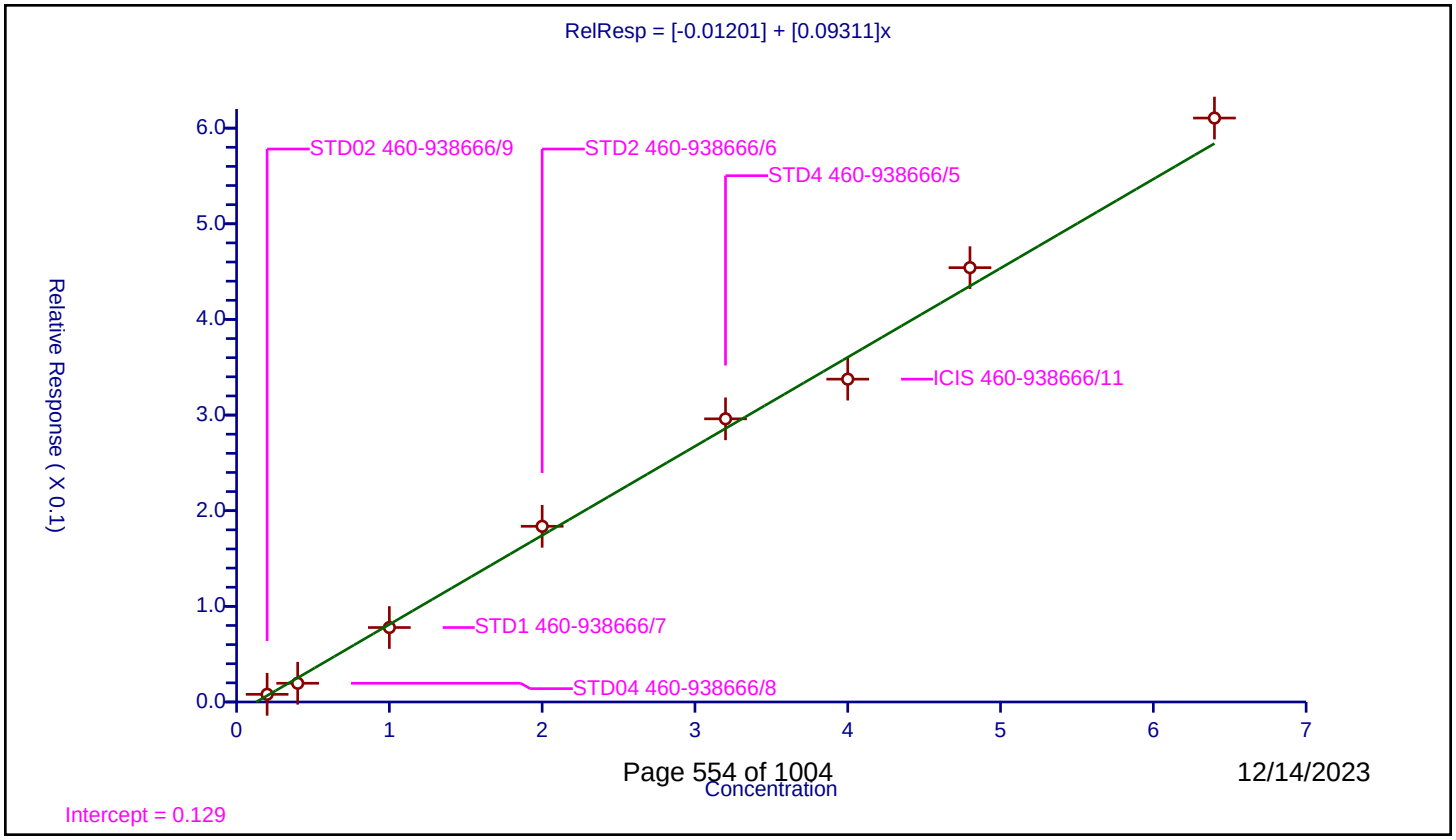
Curve Coefficients

Intercept:	-0.01201
Slope:	0.09311

Error Coefficients

Standard Error:	59800
Relative Standard Error:	8.3
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.008021	8.0	1401356.0	0.040104	Y
2	STD04 460-938666/8	0.4	0.019583	8.0	1505809.0	0.048957	Y
3	STD1 460-938666/7	1.0	0.077855	8.0	1449263.0	0.077855	Y
4	STD2 460-938666/6	2.0	0.183691	8.0	1403925.0	0.091845	Y
5	STD4 460-938666/5	3.2	0.296075	8.0	1358738.0	0.092523	Y
6	ICIS 460-938666/11	4.0	0.33755	8.0	1240114.0	0.084387	Y
7	STD16 460-938666/4	4.8	0.454141	8.0	1296178.0	0.094613	Y
8	STD24 460-938666/3	6.4	0.610536	8.0	1278772.0	0.095396	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

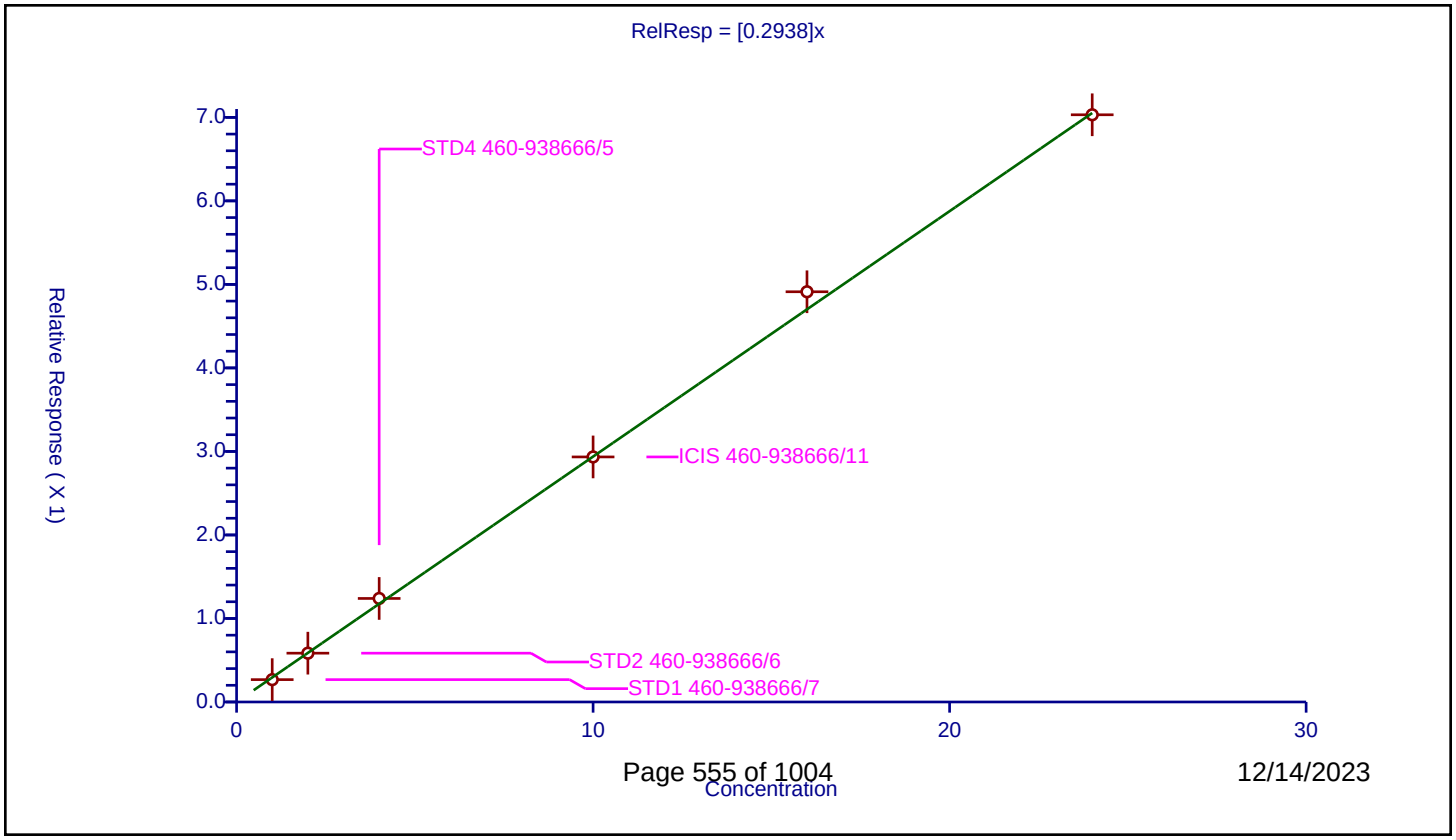
Curve Coefficients

Intercept:	0
Slope:	0.2938

Error Coefficients

Standard Error:	657000
Relative Standard Error:	5.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.267568	8.0	1449263.0	0.267568	Y
2	STD2 460-938666/6	2.0	0.584322	8.0	1403925.0	0.292161	Y
3	STD4 460-938666/5	4.0	1.239662	8.0	1358738.0	0.309916	Y
4	ICIS 460-938666/11	10.0	2.934298	8.0	1240114.0	0.29343	Y
5	STD16 460-938666/4	16.0	4.911992	8.0	1296178.0	0.307	Y
6	STD24 460-938666/3	24.0	7.030883	8.0	1278772.0	0.292953	Y



Calibration / 2-Methylnaphthalene

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

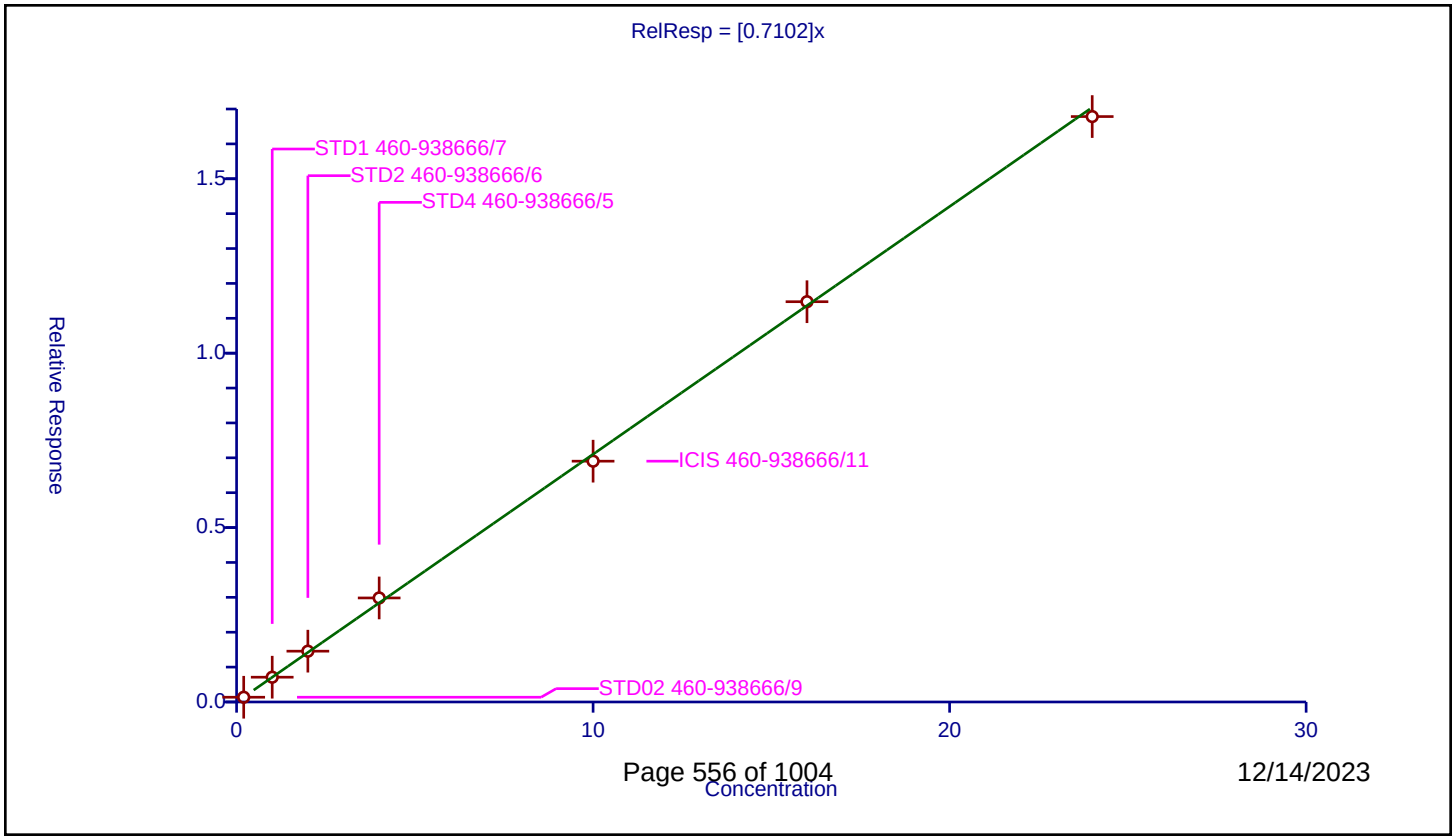
Curve Coefficients

Intercept:	0
Slope:	0.7102

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	3.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.13608	8.0	1401356.0	0.680398	Y
2	STD1 460-938666/7	1.0	0.710336	8.0	1449263.0	0.710336	Y
3	STD2 460-938666/6	2.0	1.456442	8.0	1403925.0	0.728221	Y
4	STD4 460-938666/5	4.0	2.983033	8.0	1358738.0	0.745758	Y
5	ICIS 460-938666/11	10.0	6.903952	8.0	1240114.0	0.690395	Y
6	STD16 460-938666/4	16.0	11.475732	8.0	1296178.0	0.717233	Y
7	STD24 460-938666/3	24.0	16.783871	8.0	1278772.0	0.699328	Y



Calibration / 1-Methylnaphthalene

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

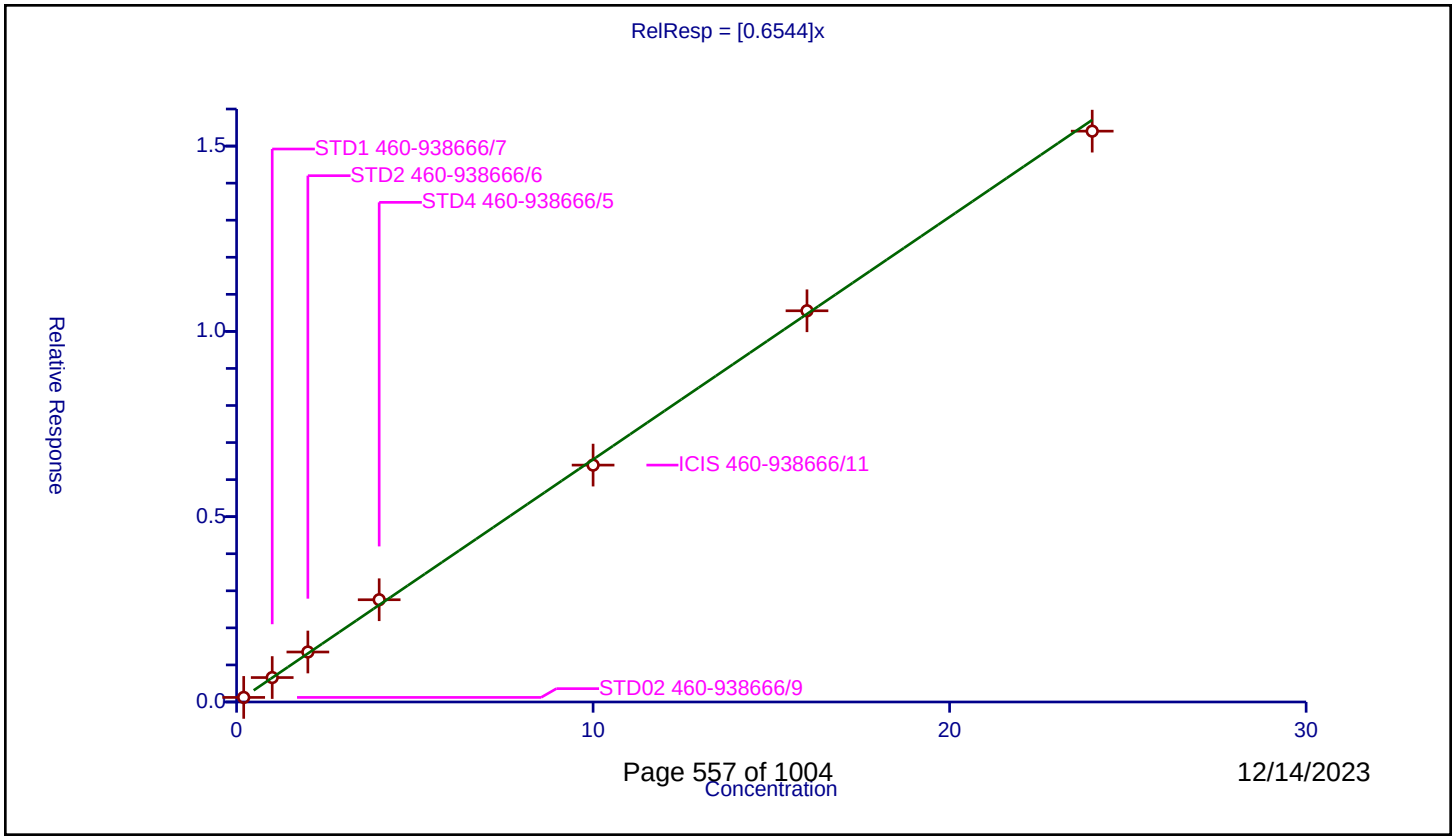
Curve Coefficients

Intercept:	0
Slope:	0.6544

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.123298	8.0	1401356.0	0.616489	Y
2	STD1 460-938666/7	1.0	0.659165	8.0	1449263.0	0.659165	Y
3	STD2 460-938666/6	2.0	1.349121	8.0	1403925.0	0.67456	Y
4	STD4 460-938666/5	4.0	2.758784	8.0	1358738.0	0.689696	Y
5	ICIS 460-938666/11	10.0	6.392025	8.0	1240114.0	0.639203	Y
6	STD16 460-938666/4	16.0	10.555711	8.0	1296178.0	0.659732	Y
7	STD24 460-938666/3	24.0	15.402971	8.0	1278772.0	0.64179	Y



Calibration / Hexachlorocyclopentadiene

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

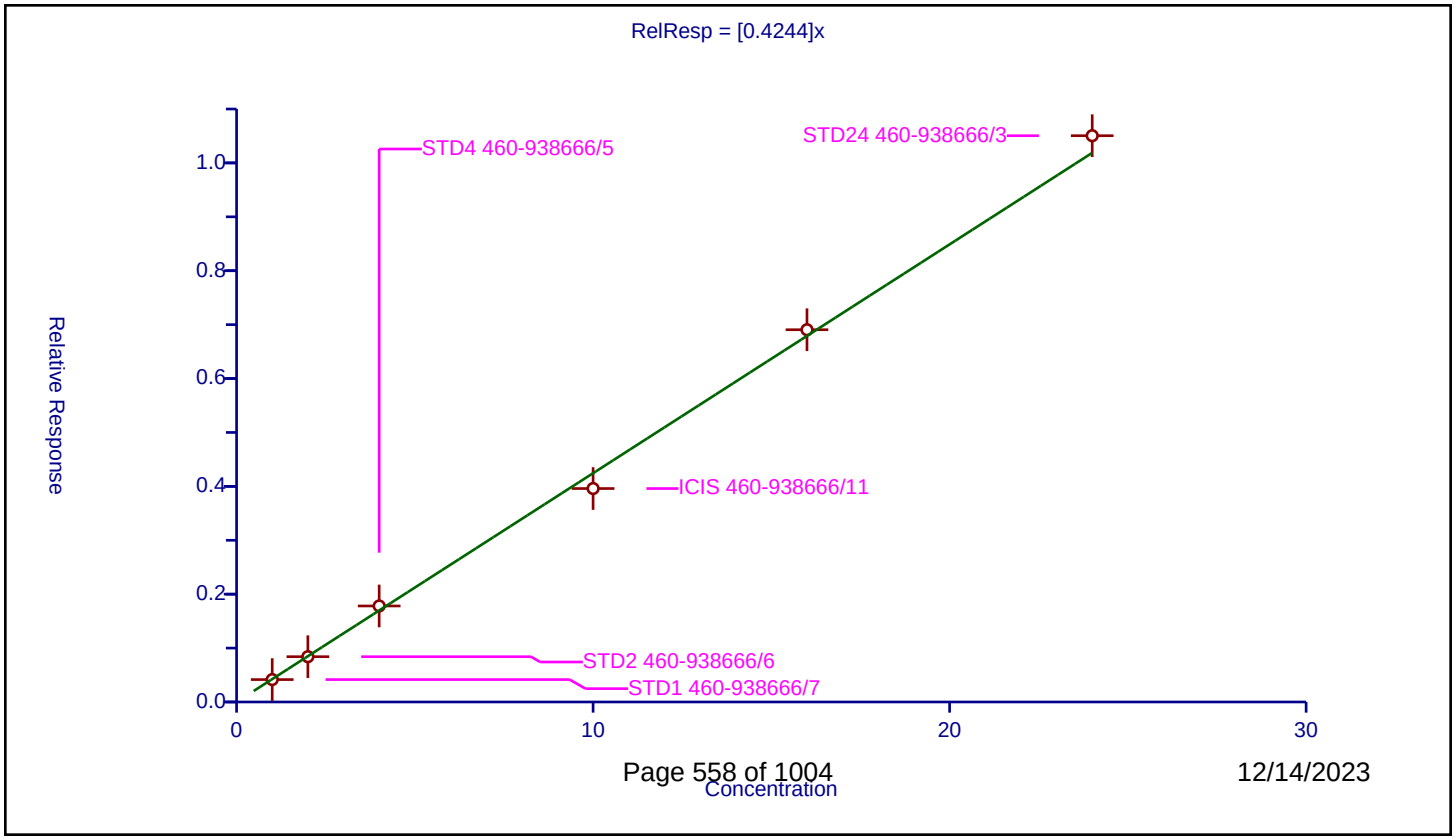
Curve Coefficients

Intercept:	0
Slope:	0.4244

Error Coefficients

Standard Error:	473000
Relative Standard Error:	4.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.415973	8.0	714970.0	0.415973	Y
2	STD2 460-938666/6	2.0	0.840262	8.0	708084.0	0.420131	Y
3	STD4 460-938666/5	4.0	1.781202	8.0	676433.0	0.445301	Y
4	ICIS 460-938666/11	10.0	3.95965	8.0	620271.0	0.395965	Y
5	STD16 460-938666/4	16.0	6.90532	8.0	644141.0	0.431583	Y
6	STD24 460-938666/3	24.0	10.504643	8.0	630902.0	0.437693	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

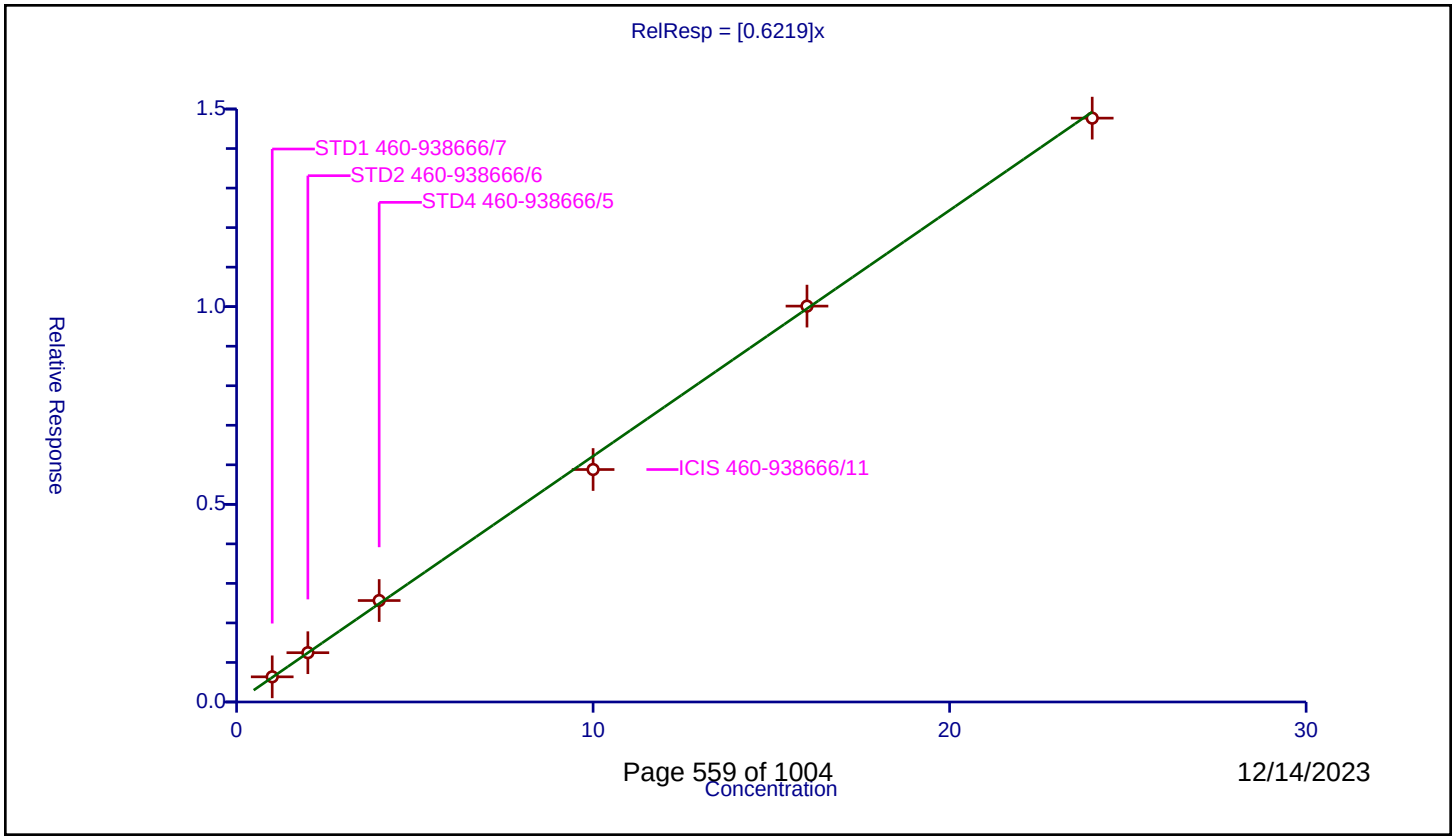
Curve Coefficients

Intercept:	0
Slope:	0.6219

Error Coefficients

Standard Error:	675000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.636782	8.0	714970.0	0.636782	Y
2	STD2 460-938666/6	2.0	1.247264	8.0	708084.0	0.623632	Y
3	STD4 460-938666/5	4.0	2.566545	8.0	676433.0	0.641636	Y
4	ICIS 460-938666/11	10.0	5.880836	8.0	620271.0	0.588084	Y
5	STD16 460-938666/4	16.0	10.01418	8.0	644141.0	0.625886	Y
6	STD24 460-938666/3	24.0	14.768963	8.0	630902.0	0.615373	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

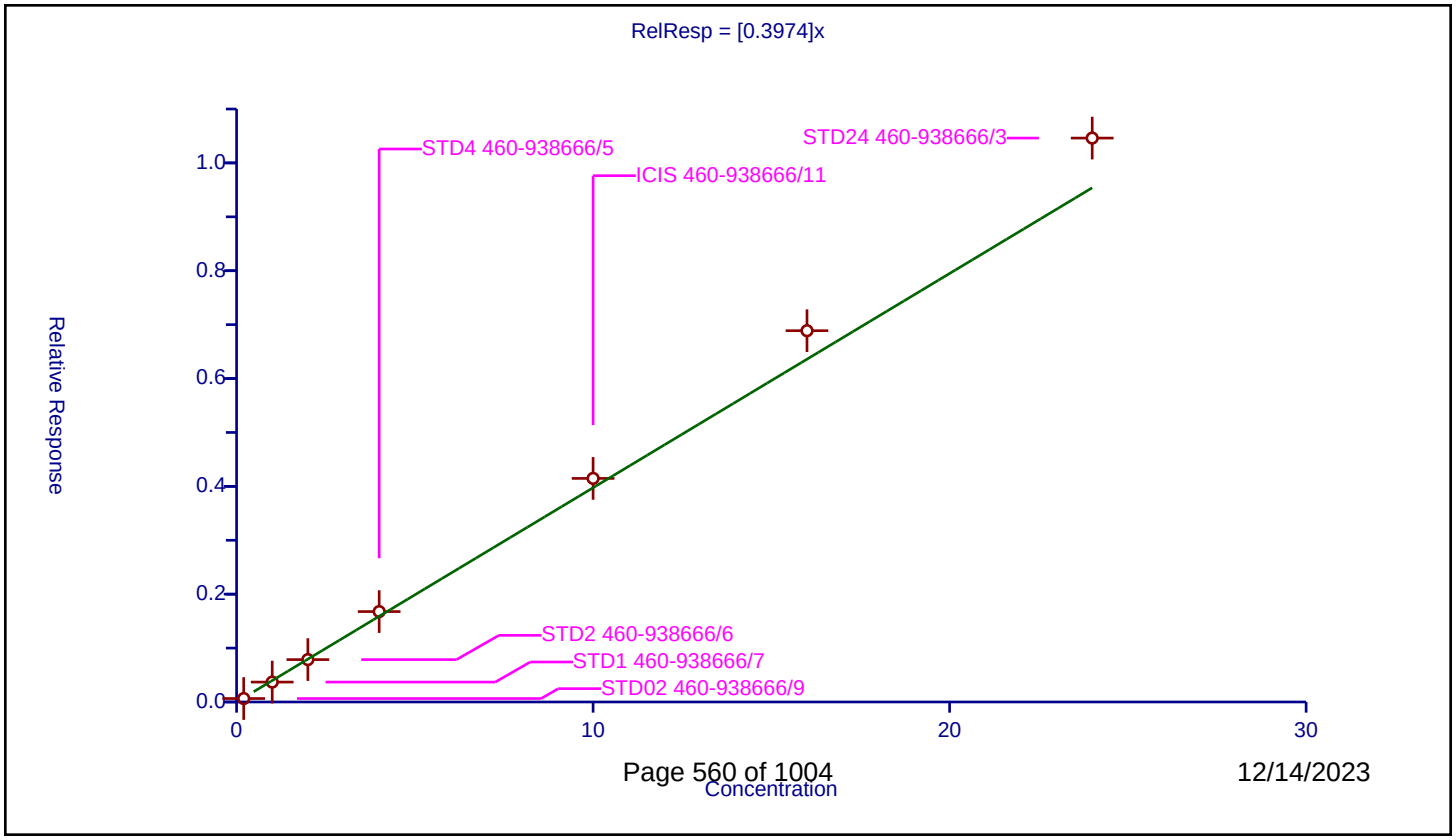
Curve Coefficients

Intercept:	0
Slope:	0.3974

Error Coefficients

Standard Error:	872000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.063847	8.0	1401356.0	0.319234	Y
2	STD1 460-938666/7	1.0	0.369308	8.0	1449263.0	0.369308	Y
3	STD2 460-938666/6	2.0	0.786293	8.0	1403925.0	0.393146	Y
4	STD4 460-938666/5	4.0	1.677198	8.0	1358738.0	0.419299	Y
5	ICIS 460-938666/11	10.0	4.14767	8.0	1240114.0	0.414767	Y
6	STD16 460-938666/4	16.0	6.887659	8.0	1296178.0	0.430479	Y
7	STD24 460-938666/3	24.0	10.460679	8.0	1278772.0	0.435862	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

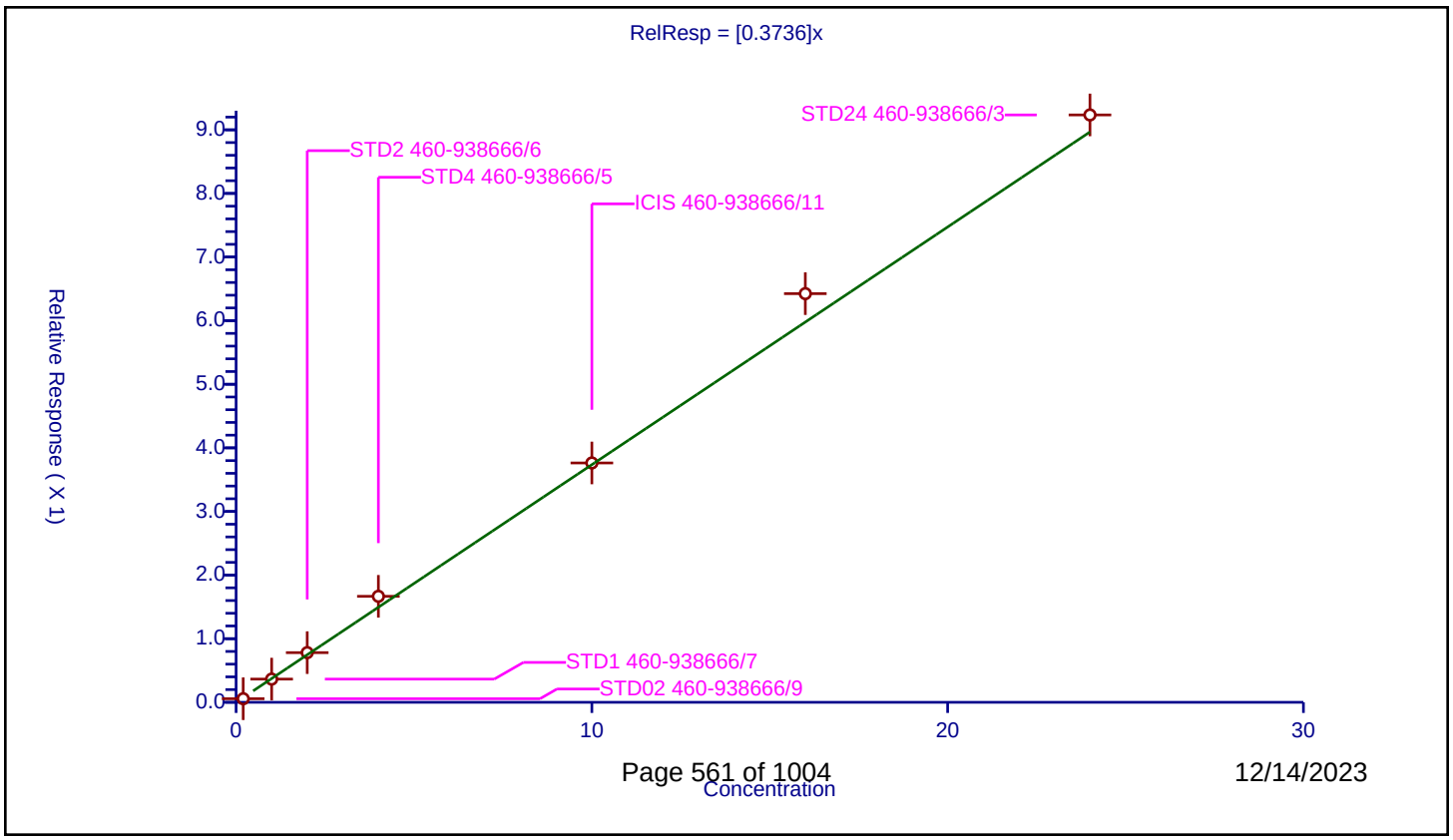
Curve Coefficients

Intercept:	0
Slope:	0.3736

Error Coefficients

Standard Error:	389000
Relative Standard Error:	11.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.056163	8.0	695692.0	0.280814	Y
2	STD1 460-938666/7	1.0	0.364793	8.0	714970.0	0.364793	Y
3	STD2 460-938666/6	2.0	0.781037	8.0	708084.0	0.390519	Y
4	STD4 460-938666/5	4.0	1.666258	8.0	676433.0	0.416565	Y
5	ICIS 460-938666/11	10.0	3.762962	8.0	620271.0	0.376296	Y
6	STD16 460-938666/4	16.0	6.424817	8.0	644141.0	0.401551	Y
7	STD24 460-938666/3	24.0	9.234258	8.0	630902.0	0.384761	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

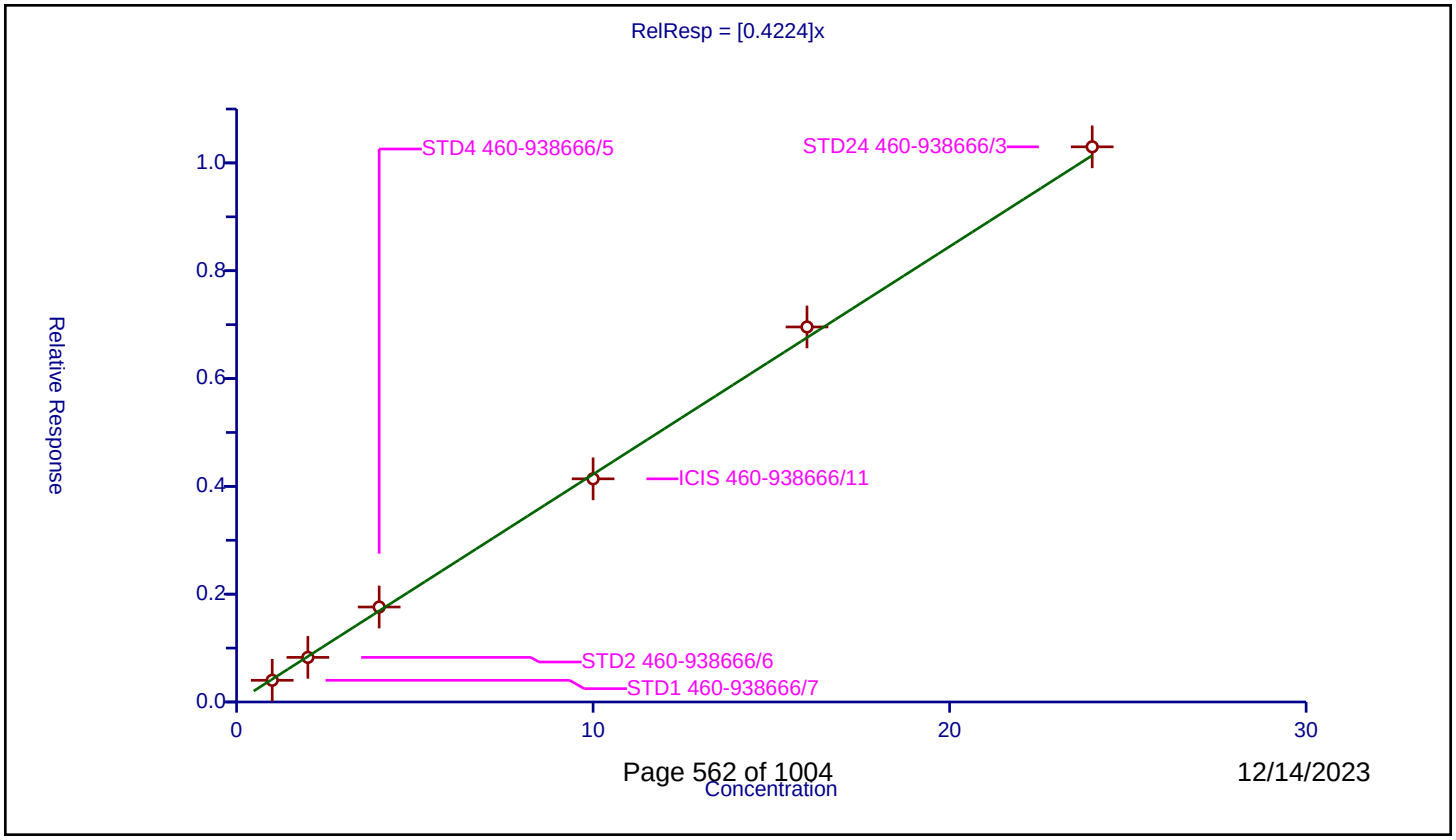
Curve Coefficients

Intercept:	0
Slope:	0.4224

Error Coefficients

Standard Error:	470000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.402523	8.0	714970.0	0.402523	Y
2	STD2 460-938666/6	2.0	0.827427	8.0	708084.0	0.413714	Y
3	STD4 460-938666/5	4.0	1.761925	8.0	676433.0	0.440481	Y
4	ICIS 460-938666/11	10.0	4.139507	8.0	620271.0	0.413951	Y
5	STD16 460-938666/4	16.0	6.95675	8.0	644141.0	0.434797	Y
6	STD24 460-938666/3	24.0	10.298702	8.0	630902.0	0.429113	Y



Calibration / 2-Fluorobiphenyl

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

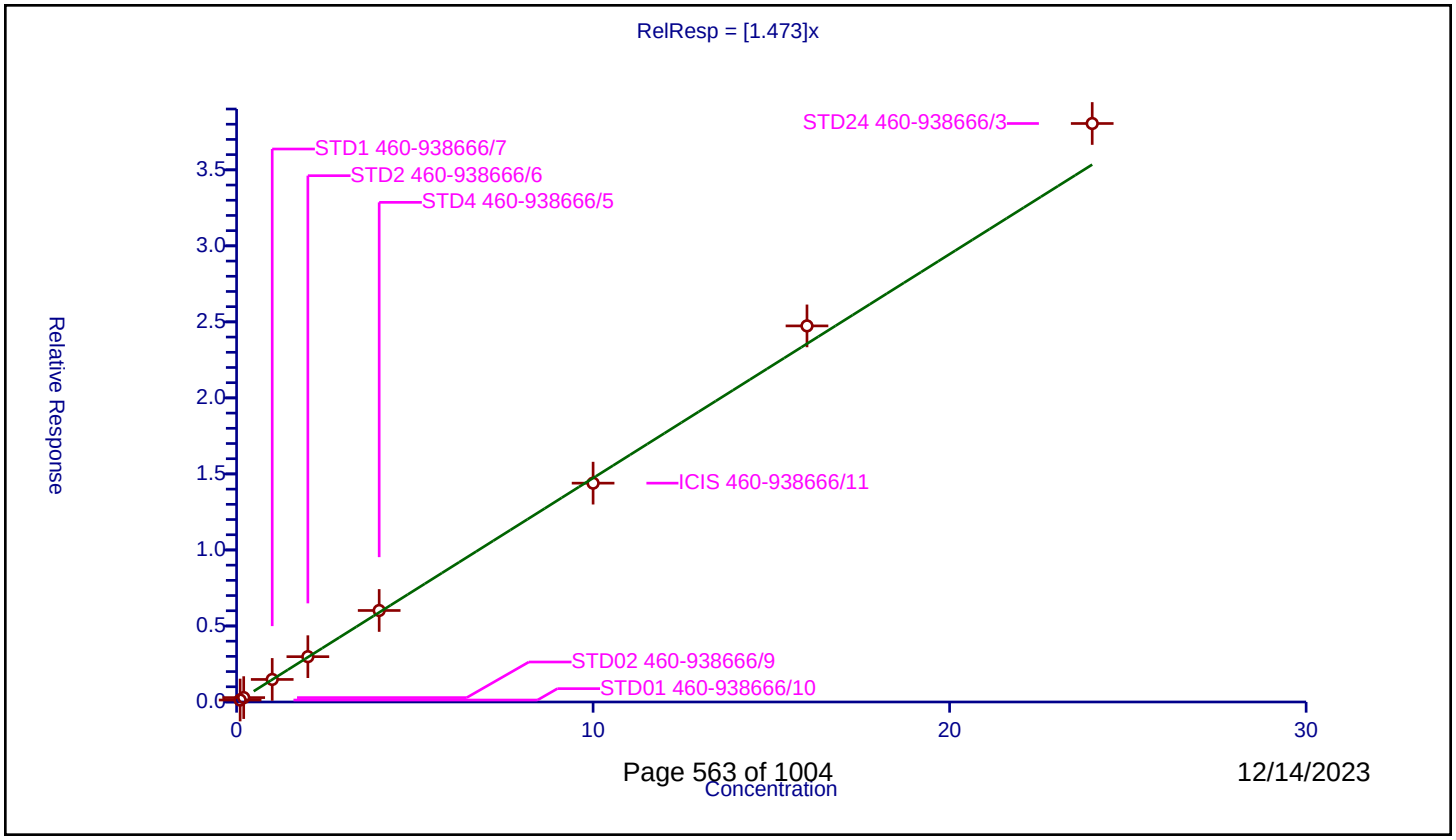
Curve Coefficients

Intercept:	0
Slope:	1.473

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.129398	8.0	662699.0	1.293981	Y
2	STD02 460-938666/9	0.2	0.288105	8.0	695692.0	1.440523	Y
3	STD1 460-938666/7	1.0	1.482154	8.0	714970.0	1.482154	Y
4	STD2 460-938666/6	2.0	2.980211	8.0	708084.0	1.490106	Y
5	STD4 460-938666/5	4.0	6.017779	8.0	676433.0	1.504445	Y
6	ICIS 460-938666/11	10.0	14.39296	8.0	620271.0	1.439296	Y
7	STD16 460-938666/4	16.0	24.735119	8.0	644141.0	1.545945	Y
8	STD24 460-938666/3	24.0	38.046784	8.0	630902.0	1.585283	Y



Calibration / 1,1'-Biphenyl

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

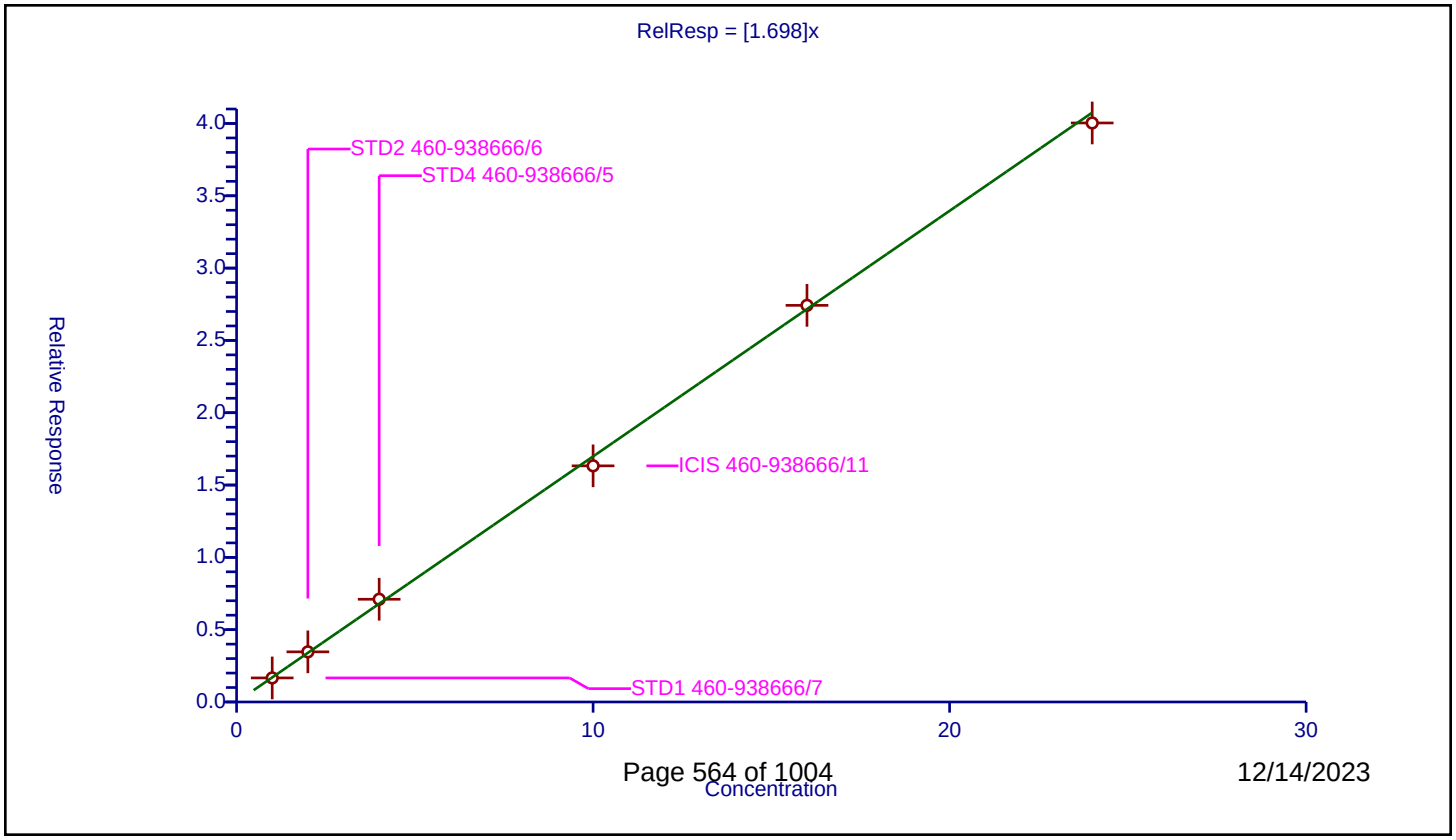
Curve Coefficients

Intercept:	0
Slope:	1.698

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.664036	8.0	714970.0	1.664036	Y
2	STD2 460-938666/6	2.0	3.466481	8.0	708084.0	1.733241	Y
3	STD4 460-938666/5	4.0	7.10287	8.0	676433.0	1.775718	Y
4	ICIS 460-938666/11	10.0	16.327457	8.0	620271.0	1.632746	Y
5	STD16 460-938666/4	16.0	27.424704	8.0	644141.0	1.714044	Y
6	STD24 460-938666/3	24.0	40.035391	8.0	630902.0	1.668141	Y



Calibration / 2-Chloronaphthalene

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

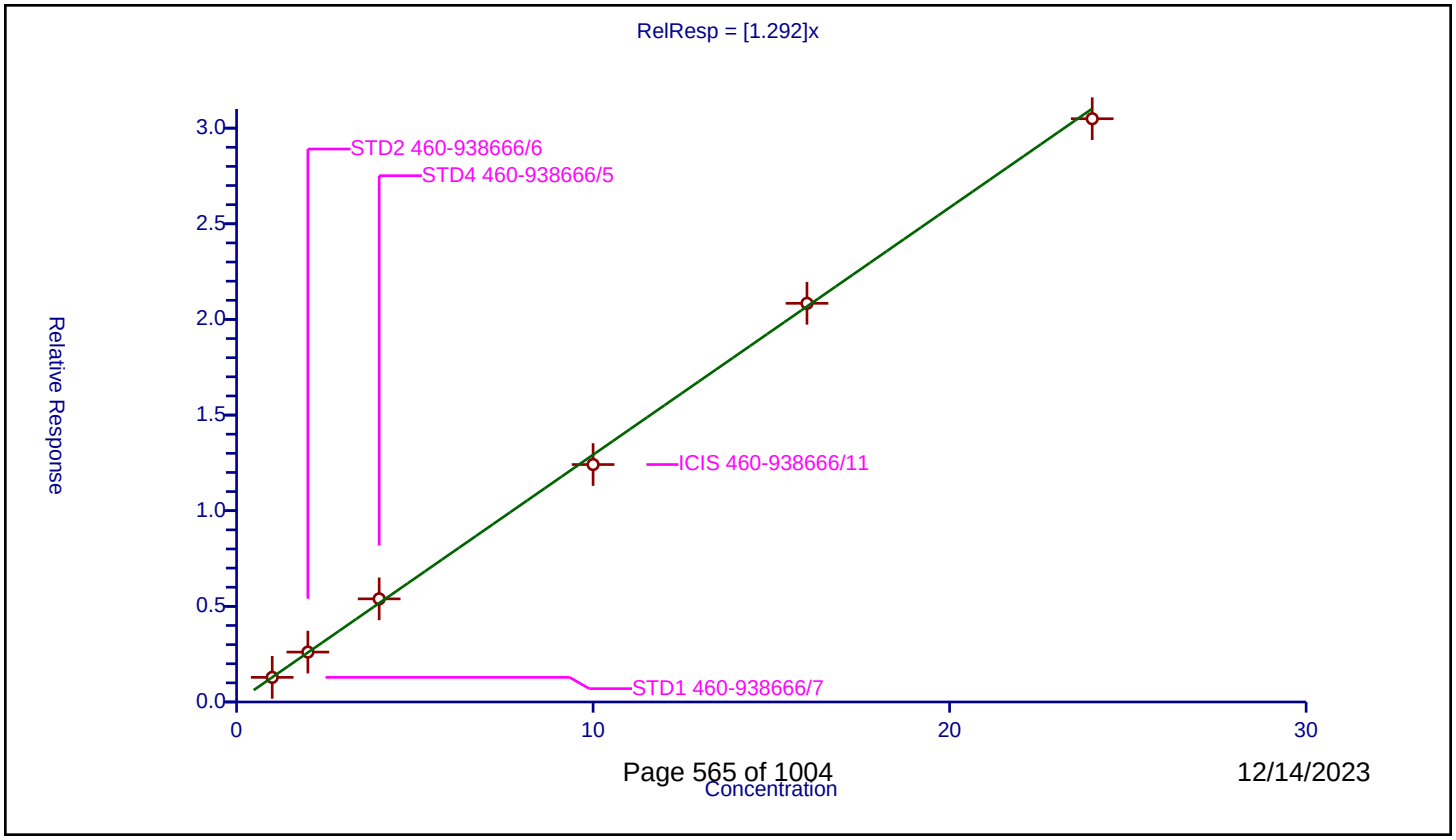
Curve Coefficients

Intercept:	0
Slope:	1.292

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	2.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.28764	8.0	714970.0	1.28764	Y
2	STD2 460-938666/6	2.0	2.60899	8.0	708084.0	1.304495	Y
3	STD4 460-938666/5	4.0	5.391091	8.0	676433.0	1.347773	Y
4	ICIS 460-938666/11	10.0	12.413516	8.0	620271.0	1.241352	Y
5	STD16 460-938666/4	16.0	20.84217	8.0	644141.0	1.302636	Y
6	STD24 460-938666/3	24.0	30.491924	8.0	630902.0	1.270497	Y



Calibration / Phenyl ether

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

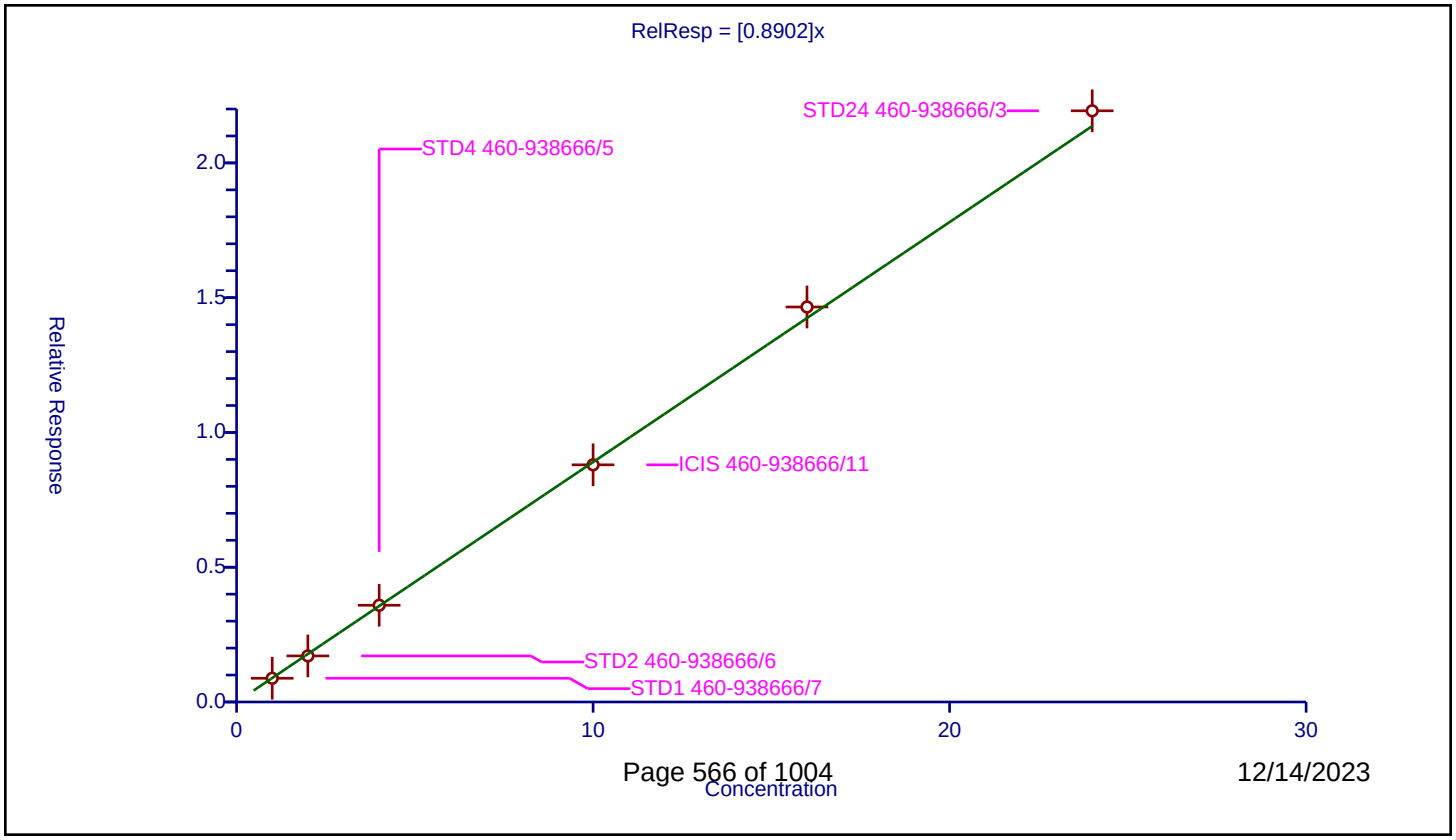
Curve Coefficients

Intercept:	0
Slope:	0.8902

Error Coefficients

Standard Error:	997000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.879645	8.0	714970.0	0.879645	Y
2	STD2 460-938666/6	2.0	1.709244	8.0	708084.0	0.854622	Y
3	STD4 460-938666/5	4.0	3.589346	8.0	676433.0	0.897336	Y
4	ICIS 460-938666/11	10.0	8.798438	8.0	620271.0	0.879844	Y
5	STD16 460-938666/4	16.0	14.654866	8.0	644141.0	0.915929	Y
6	STD24 460-938666/3	24.0	21.933765	8.0	630902.0	0.913907	Y



Calibration / 2-Nitroaniline

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

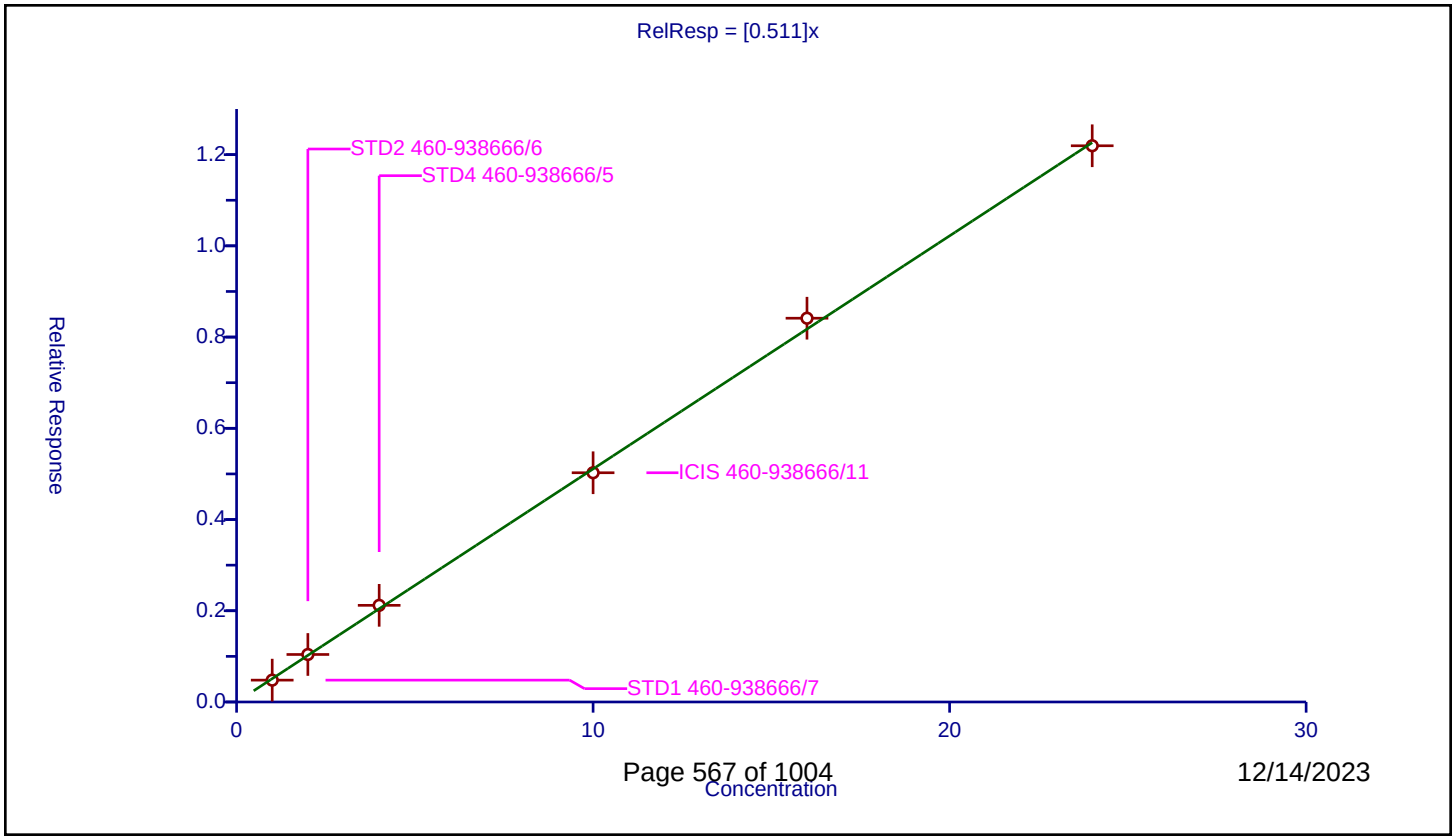
Curve Coefficients

Intercept:	0
Slope:	0.511

Error Coefficients

Standard Error:	562000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.478845	8.0	714970.0	0.478845	Y
2	STD2 460-938666/6	2.0	1.041481	8.0	708084.0	0.52074	Y
3	STD4 460-938666/5	4.0	2.118726	8.0	676433.0	0.529681	Y
4	ICIS 460-938666/11	10.0	5.025558	8.0	620271.0	0.502556	Y
5	STD16 460-938666/4	16.0	8.413698	8.0	644141.0	0.525856	Y
6	STD24 460-938666/3	24.0	12.194591	8.0	630902.0	0.508108	Y



Calibration / 1,3-Dimethylnaphthalene

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

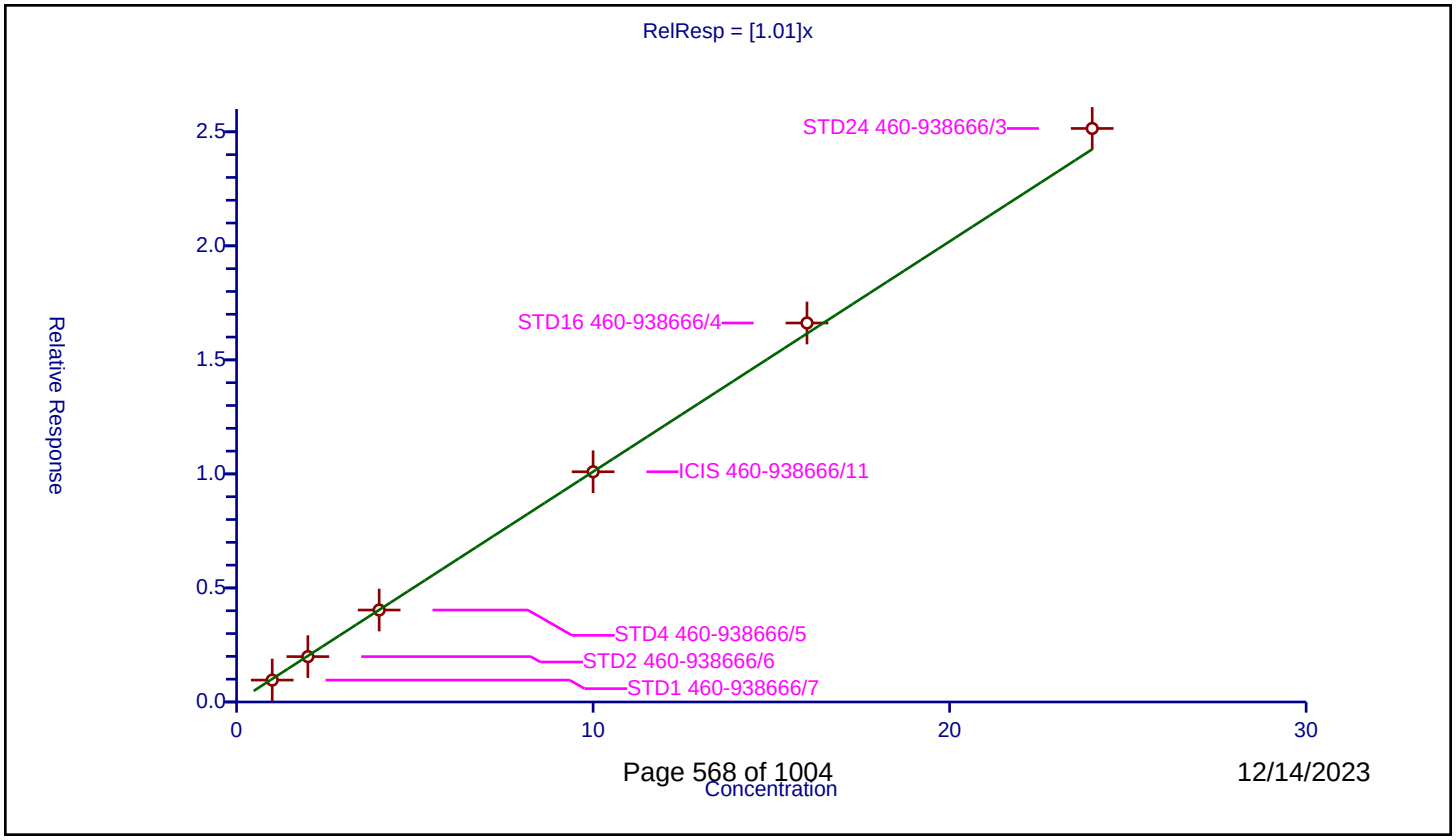
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.959996	8.0	714970.0	0.959996	Y
2	STD2 460-938666/6	2.0	1.989052	8.0	708084.0	0.994526	Y
3	STD4 460-938666/5	4.0	4.031773	8.0	676433.0	1.007943	Y
4	ICIS 460-938666/11	10.0	10.094568	8.0	620271.0	1.009457	Y
5	STD16 460-938666/4	16.0	16.617691	8.0	644141.0	1.038606	Y
6	STD24 460-938666/3	24.0	25.147525	8.0	630902.0	1.047814	Y



Calibration / Dimethyl phthalate

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

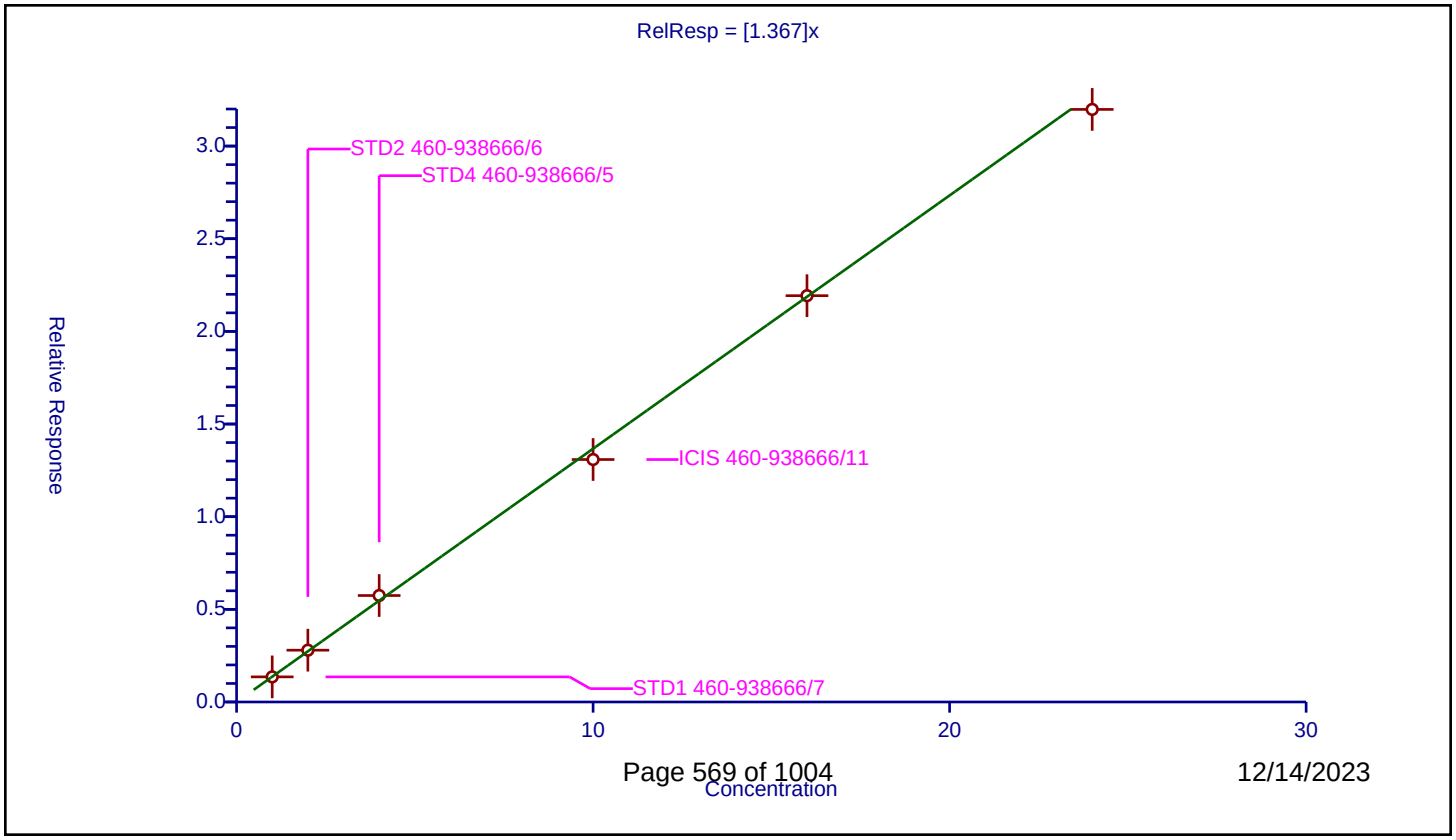
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.355268	8.0	714970.0	1.355268	Y
2	STD2 460-938666/6	2.0	2.795804	8.0	708084.0	1.397902	Y
3	STD4 460-938666/5	4.0	5.744794	8.0	676433.0	1.436198	Y
4	ICIS 460-938666/11	10.0	13.084423	8.0	620271.0	1.308442	Y
5	STD16 460-938666/4	16.0	21.926976	8.0	644141.0	1.370436	Y
6	STD24 460-938666/3	24.0	31.978177	8.0	630902.0	1.332424	Y



Calibration / Coumarin

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

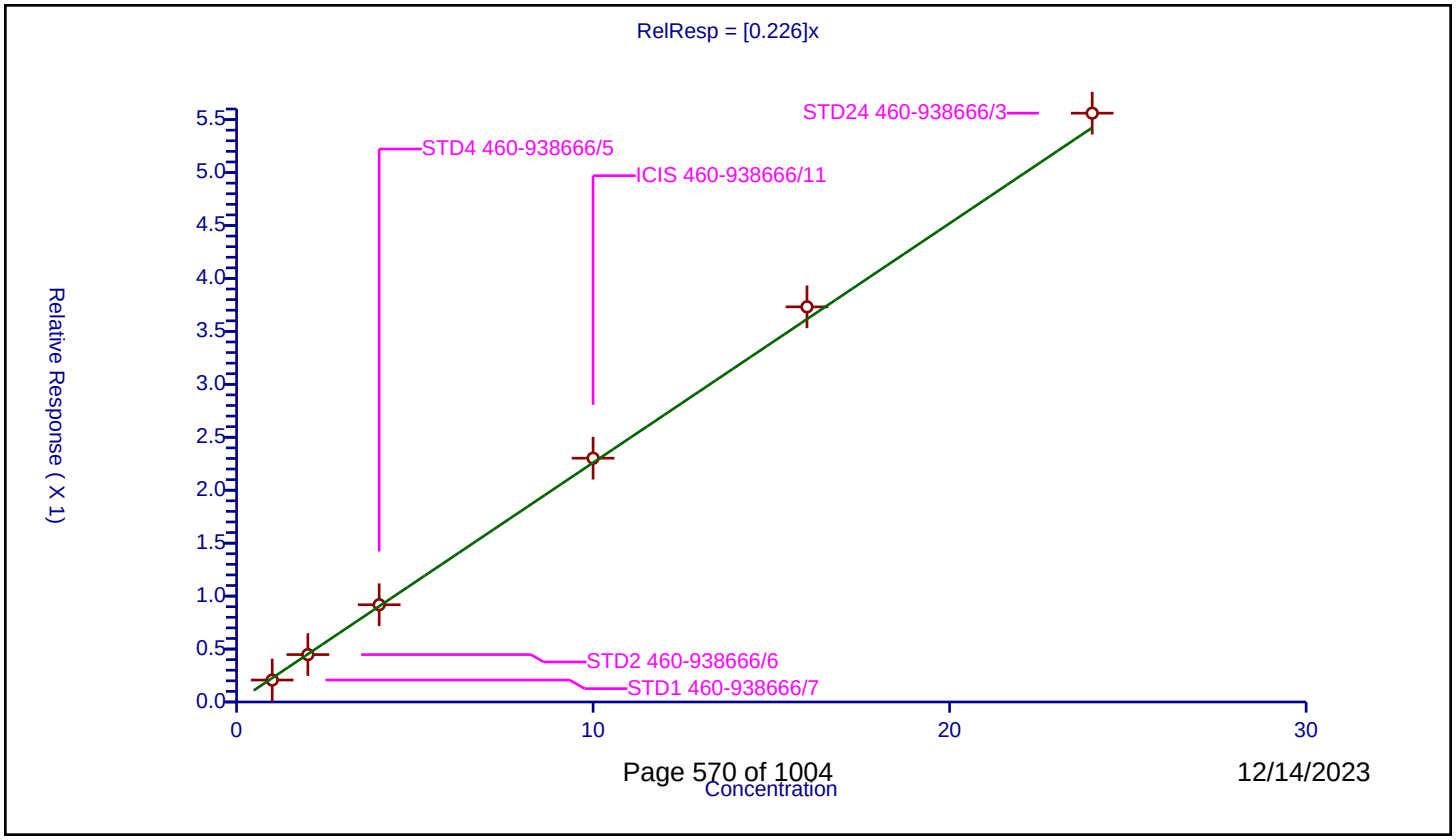
Curve Coefficients

Intercept:	0
Slope:	0.226

Error Coefficients

Standard Error:	513000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.207421	8.0	1449263.0	0.207421	Y
2	STD2 460-938666/6	2.0	0.447551	8.0	1403925.0	0.223775	Y
3	STD4 460-938666/5	4.0	0.918429	8.0	1358738.0	0.229607	Y
4	ICIS 460-938666/11	10.0	2.302401	8.0	1240114.0	0.23024	Y
5	STD16 460-938666/4	16.0	3.731537	8.0	1296178.0	0.233221	Y
6	STD24 460-938666/3	24.0	5.560628	8.0	1278772.0	0.231693	Y



Calibration / 2,6-Dinitrotoluene

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

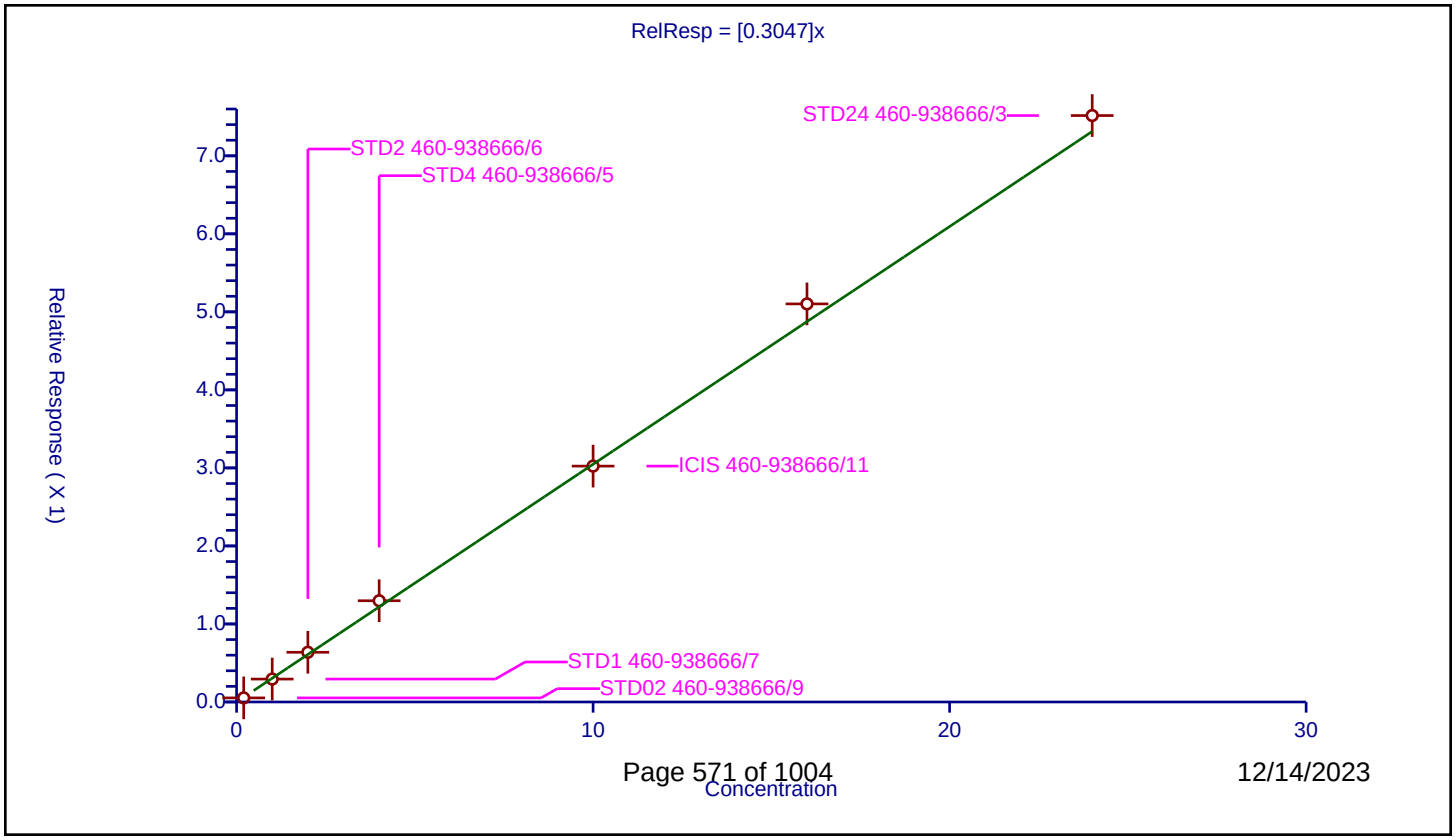
Curve Coefficients

Intercept:	0
Slope:	0.3047

Error Coefficients

Standard Error:	314000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.052311	8.0	695692.0	0.261553	Y
2	STD1 460-938666/7	1.0	0.293819	8.0	714970.0	0.293819	Y
3	STD2 460-938666/6	2.0	0.637348	8.0	708084.0	0.318674	Y
4	STD4 460-938666/5	4.0	1.297619	8.0	676433.0	0.324405	Y
5	ICIS 460-938666/11	10.0	3.02322	8.0	620271.0	0.302322	Y
6	STD16 460-938666/4	16.0	5.102398	8.0	644141.0	0.3189	Y
7	STD24 460-938666/3	24.0	7.5164	8.0	630902.0	0.313183	Y



Calibration / Acenaphthylene

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

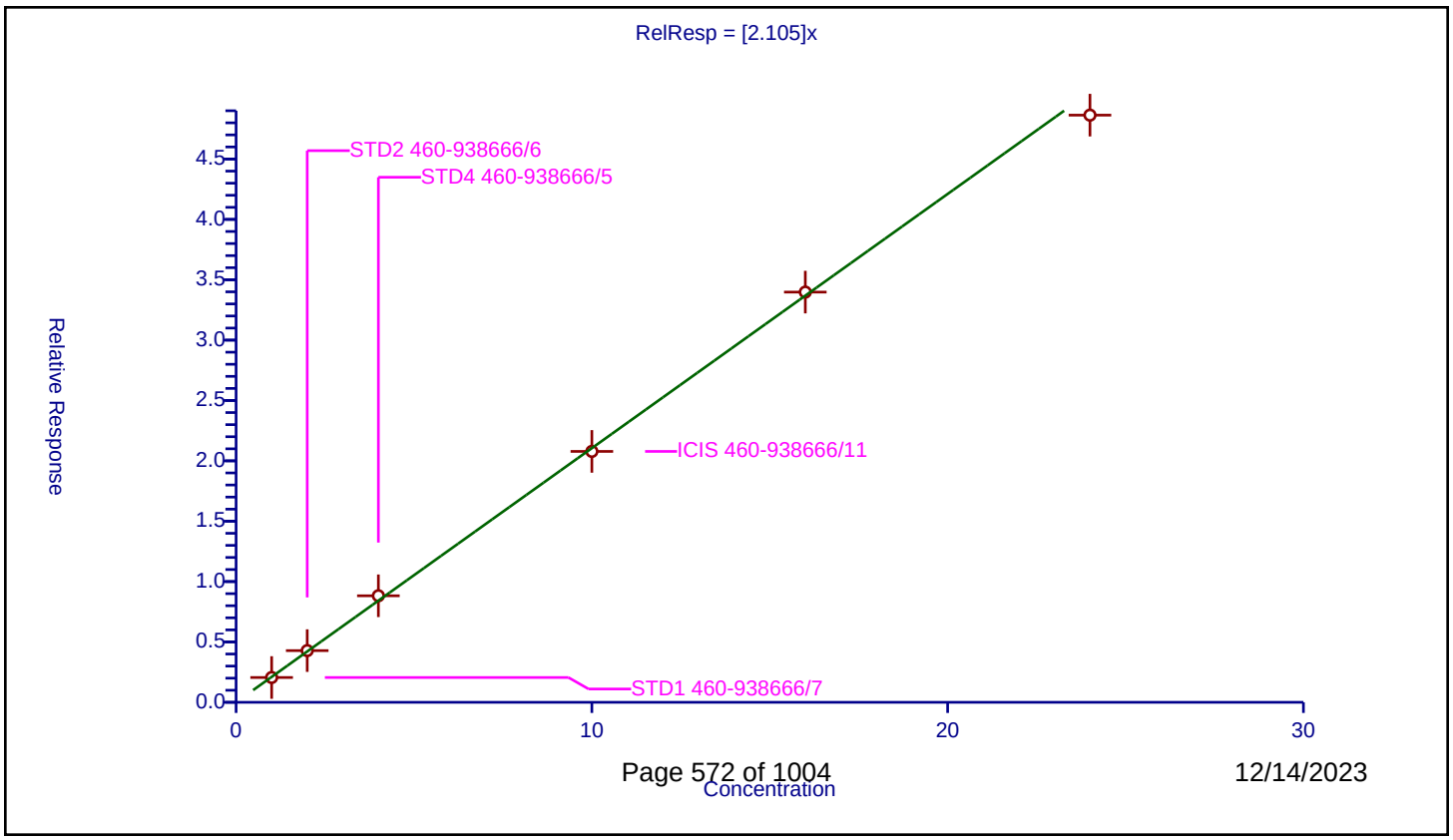
Curve Coefficients

Intercept:	0
Slope:	2.105

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	2.055807	8.0	714970.0	2.055807	Y
2	STD2 460-938666/6	2.0	4.283243	8.0	708084.0	2.141622	Y
3	STD4 460-938666/5	4.0	8.824738	8.0	676433.0	2.206185	Y
4	ICIS 460-938666/11	10.0	20.782142	8.0	620271.0	2.078214	Y
5	STD16 460-938666/4	16.0	33.979033	8.0	644141.0	2.12369	Y
6	STD24 460-938666/3	24.0	48.637322	8.0	630902.0	2.026555	Y



Calibration / 3-Nitroaniline

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

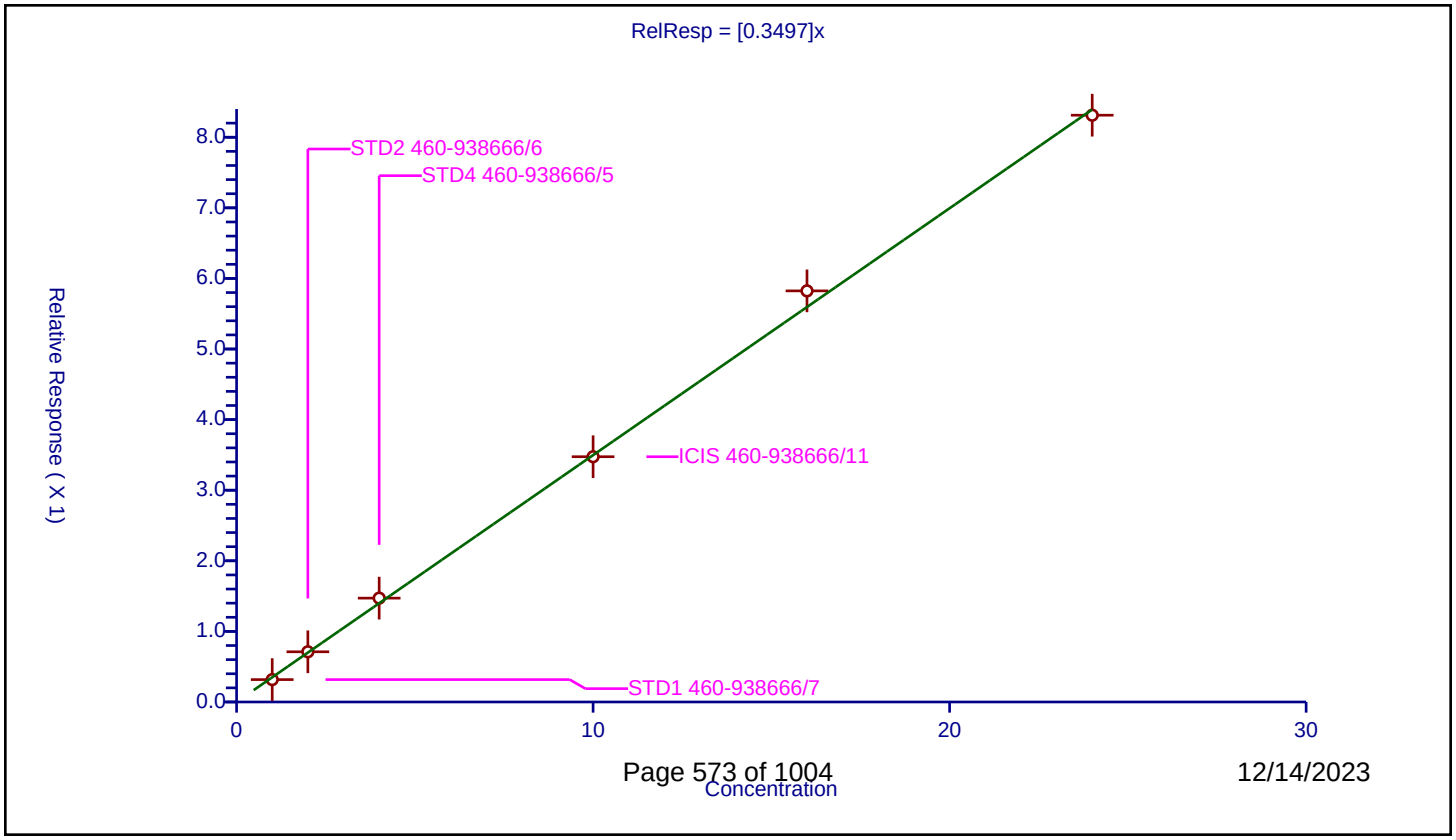
Curve Coefficients

Intercept:	0
Slope:	0.3497

Error Coefficients

Standard Error:	385000
Relative Standard Error:	5.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.31697	8.0	714970.0	0.31697	Y
2	STD2 460-938666/6	2.0	0.711249	8.0	708084.0	0.355624	Y
3	STD4 460-938666/5	4.0	1.471259	8.0	676433.0	0.367815	Y
4	ICIS 460-938666/11	10.0	3.474365	8.0	620271.0	0.347437	Y
5	STD16 460-938666/4	16.0	5.823669	8.0	644141.0	0.363979	Y
6	STD24 460-938666/3	24.0	8.312302	8.0	630902.0	0.346346	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

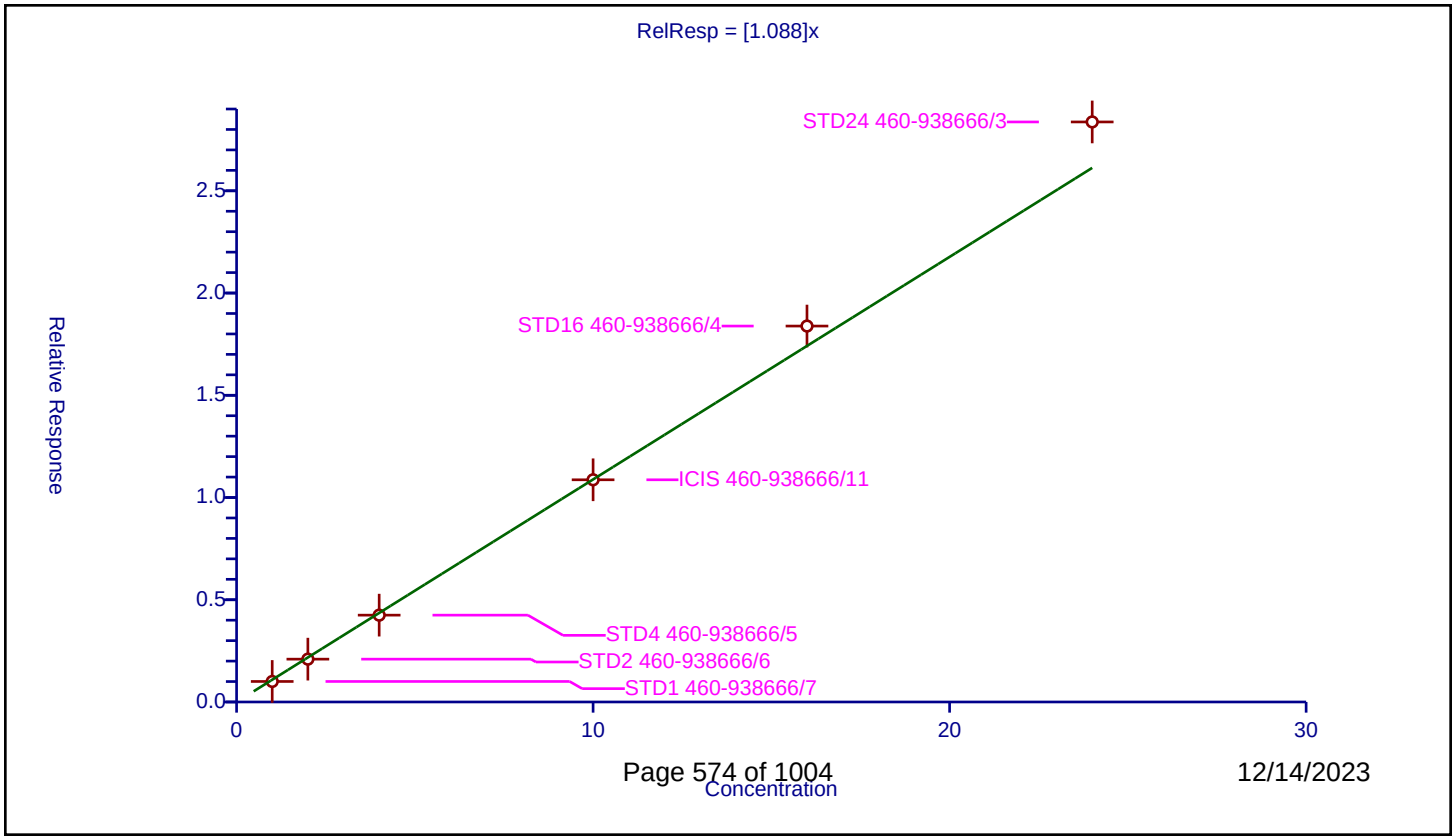
Curve Coefficients

Intercept:	0
Slope:	1.088

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.00332	8.0	714970.0	1.00332	Y
2	STD2 460-938666/6	2.0	2.095017	8.0	708084.0	1.047508	Y
3	STD4 460-938666/5	4.0	4.246795	8.0	676433.0	1.061699	Y
4	ICIS 460-938666/11	10.0	10.866283	8.0	620271.0	1.086628	Y
5	STD16 460-938666/4	16.0	18.38585	8.0	644141.0	1.149116	Y
6	STD24 460-938666/3	24.0	28.367892	8.0	630902.0	1.181996	Y



Calibration / Acenaphthene

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

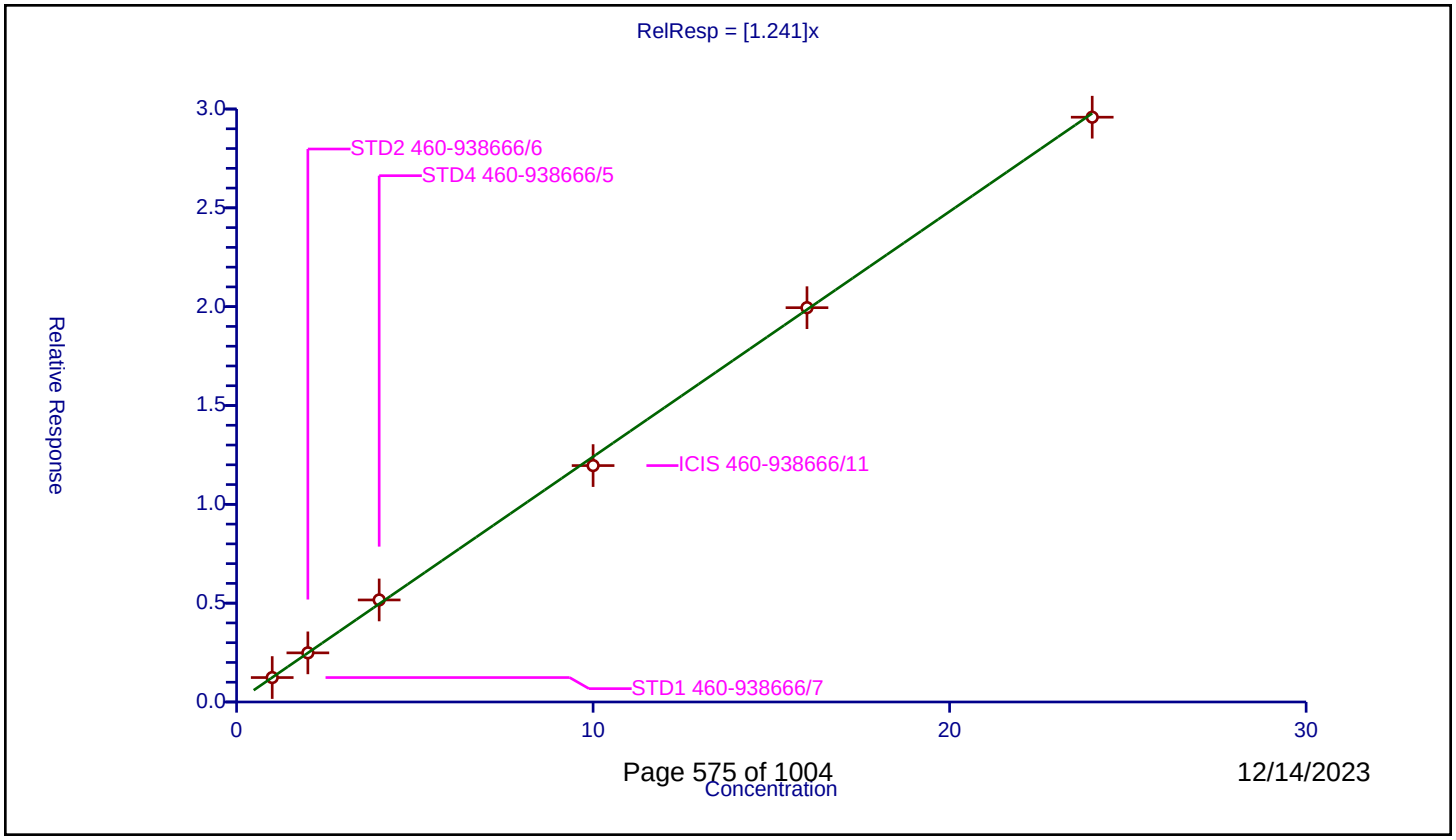
Curve Coefficients

Intercept:	0
Slope:	1.241

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.236002	8.0	714970.0	1.236002	Y
2	STD2 460-938666/6	2.0	2.485264	8.0	708084.0	1.242632	Y
3	STD4 460-938666/5	4.0	5.162634	8.0	676433.0	1.290658	Y
4	ICIS 460-938666/11	10.0	11.960192	8.0	620271.0	1.196019	Y
5	STD16 460-938666/4	16.0	19.948862	8.0	644141.0	1.246804	Y
6	STD24 460-938666/3	24.0	29.586085	8.0	630902.0	1.232754	Y



Calibration / 2,4-Dinitrophenol

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

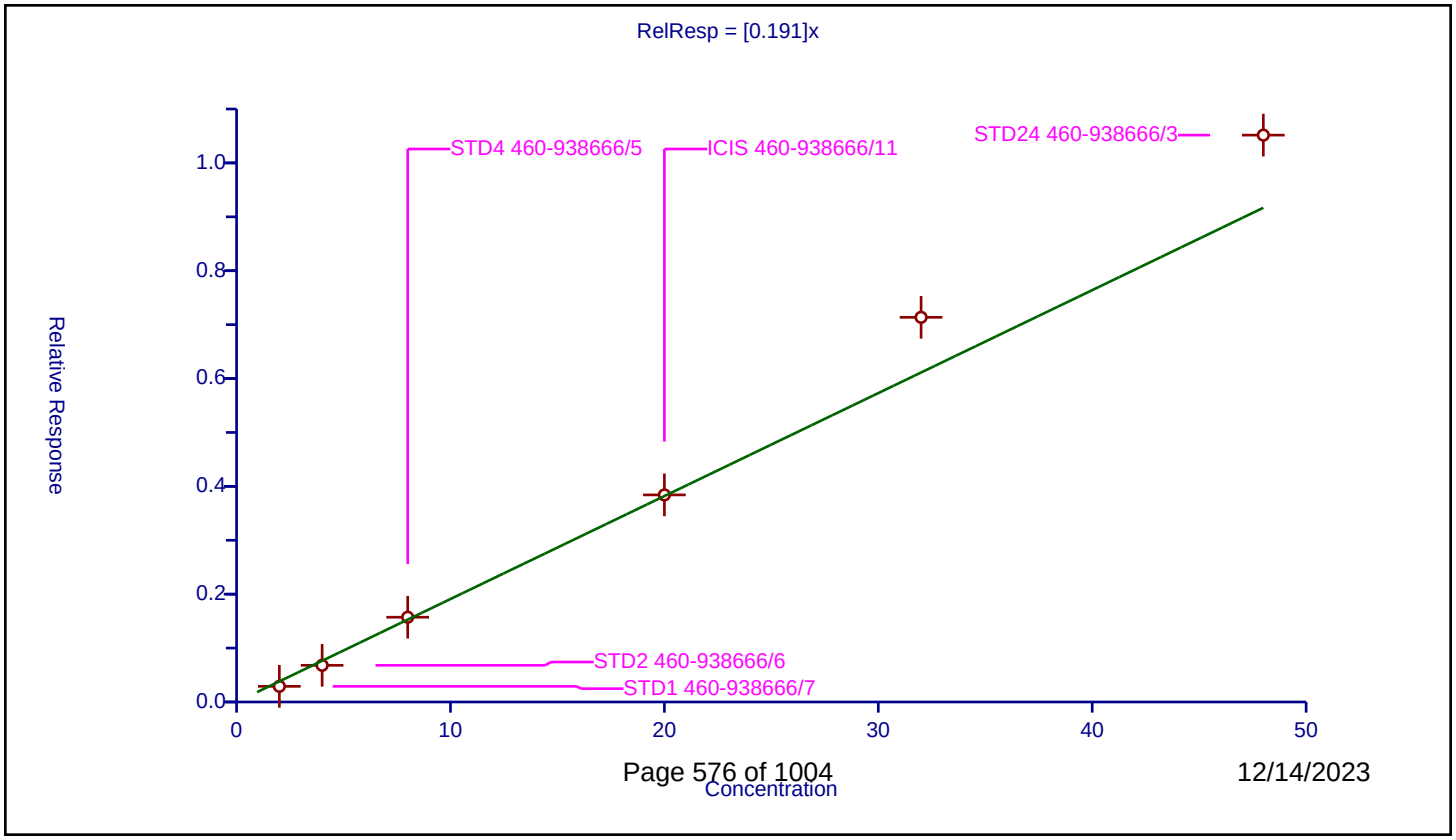
Curve Coefficients

Intercept:	0
Slope:	0.191

Error Coefficients

Standard Error:	475000
Relative Standard Error:	15.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	2.0	0.290373	8.0	714970.0	0.145187	Y
2	STD2 460-938666/6	4.0	0.680371	8.0	708084.0	0.170093	Y
3	STD4 460-938666/5	8.0	1.572555	8.0	676433.0	0.196569	Y
4	ICIS 460-938666/11	20.0	3.841547	8.0	620271.0	0.192077	Y
5	STD16 460-938666/4	32.0	7.135655	8.0	644141.0	0.222989	Y
6	STD24 460-938666/3	48.0	10.515484	8.0	630902.0	0.219073	Y



Calibration / 4-Nitrophenol

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

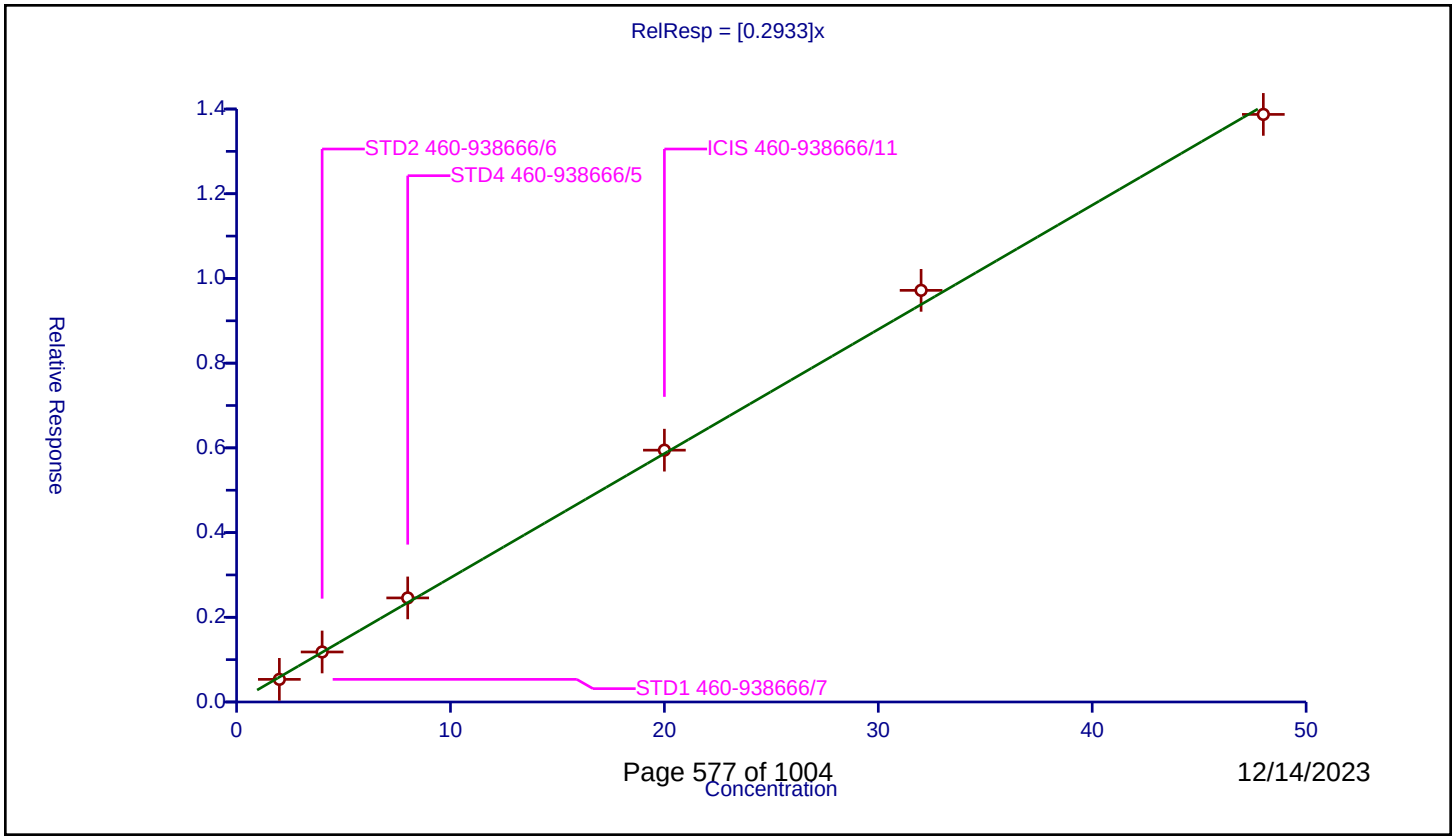
Curve Coefficients

Intercept:	0
Slope:	0.2933

Error Coefficients

Standard Error:	645000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	2.0	0.534512	8.0	714970.0	0.267256	Y
2	STD2 460-938666/6	4.0	1.180504	8.0	708084.0	0.295126	Y
3	STD4 460-938666/5	8.0	2.457042	8.0	676433.0	0.30713	Y
4	ICIS 460-938666/11	20.0	5.945633	8.0	620271.0	0.297282	Y
5	STD16 460-938666/4	32.0	9.718704	8.0	644141.0	0.30371	Y
6	STD24 460-938666/3	48.0	13.872823	8.0	630902.0	0.289017	Y



Calibration / 2,4-Dinitrotoluene

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

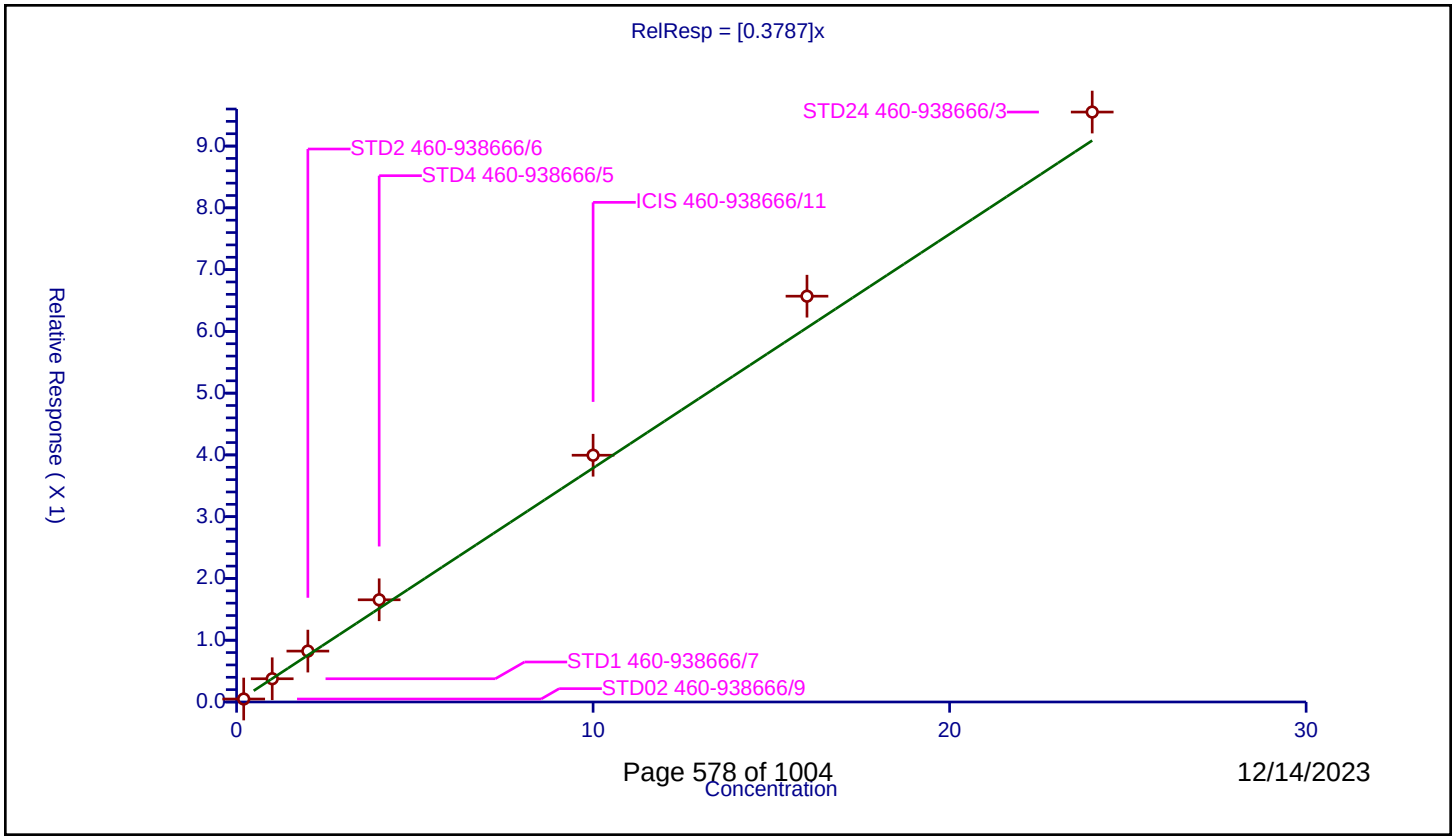
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	402000
Relative Standard Error:	16.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.048263	8.0	695692.0	0.241314	Y
2	STD1 460-938666/7	1.0	0.376206	8.0	714970.0	0.376206	Y
3	STD2 460-938666/6	2.0	0.823834	8.0	708084.0	0.411917	Y
4	STD4 460-938666/5	4.0	1.654408	8.0	676433.0	0.413602	Y
5	ICIS 460-938666/11	10.0	3.995131	8.0	620271.0	0.399513	Y
6	STD16 460-938666/4	16.0	6.569916	8.0	644141.0	0.41062	Y
7	STD24 460-938666/3	24.0	9.550884	8.0	630902.0	0.397954	Y



Calibration / Dibenzofuran

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

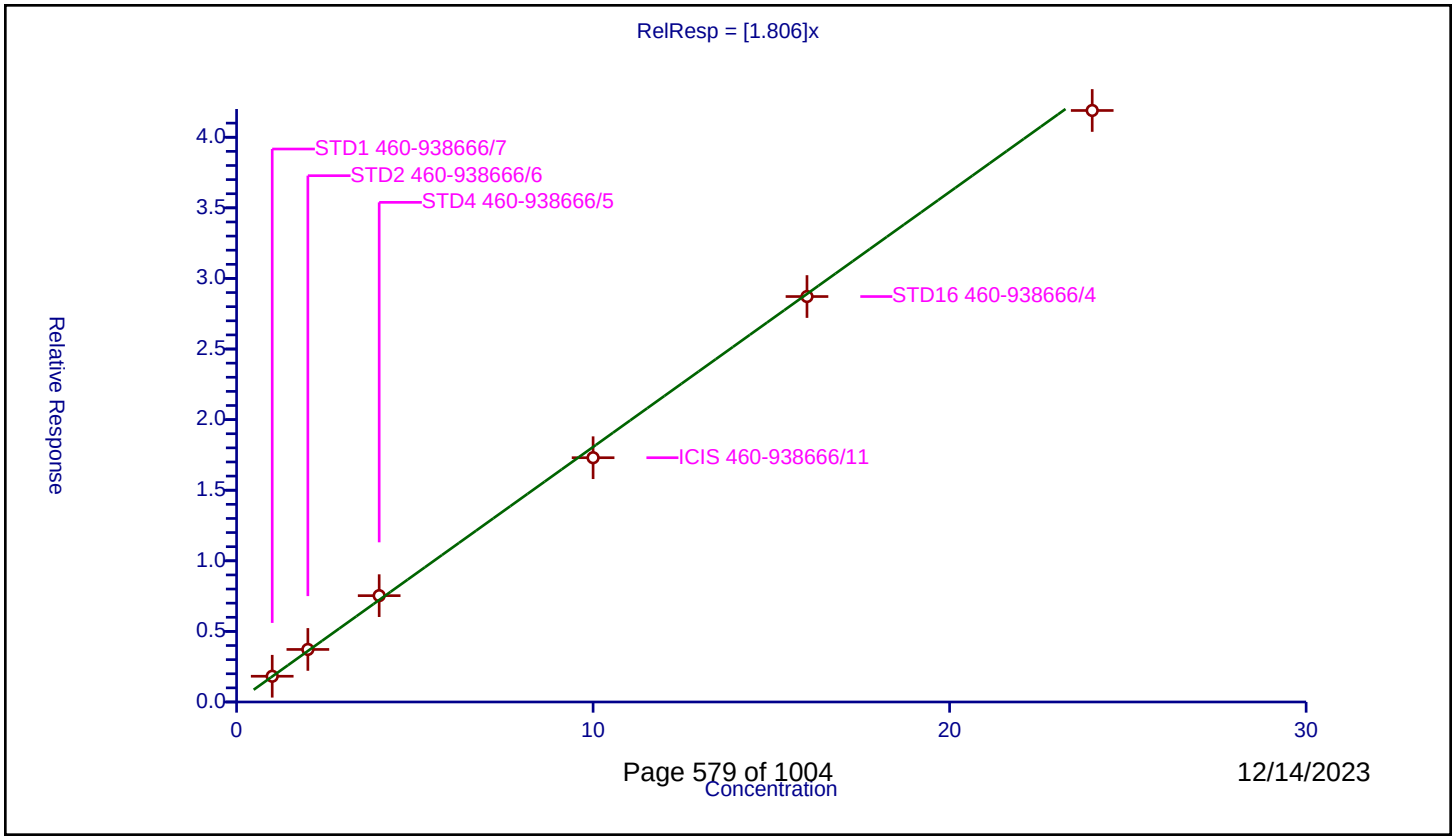
Curve Coefficients

Intercept:	0
Slope:	1.806

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.823036	8.0	714970.0	1.823036	Y
2	STD2 460-938666/6	2.0	3.72262	8.0	708084.0	1.86131	Y
3	STD4 460-938666/5	4.0	7.531353	8.0	676433.0	1.882838	Y
4	ICIS 460-938666/11	10.0	17.30254	8.0	620271.0	1.730254	Y
5	STD16 460-938666/4	16.0	28.717824	8.0	644141.0	1.794864	Y
6	STD24 460-938666/3	24.0	41.896802	8.0	630902.0	1.7457	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

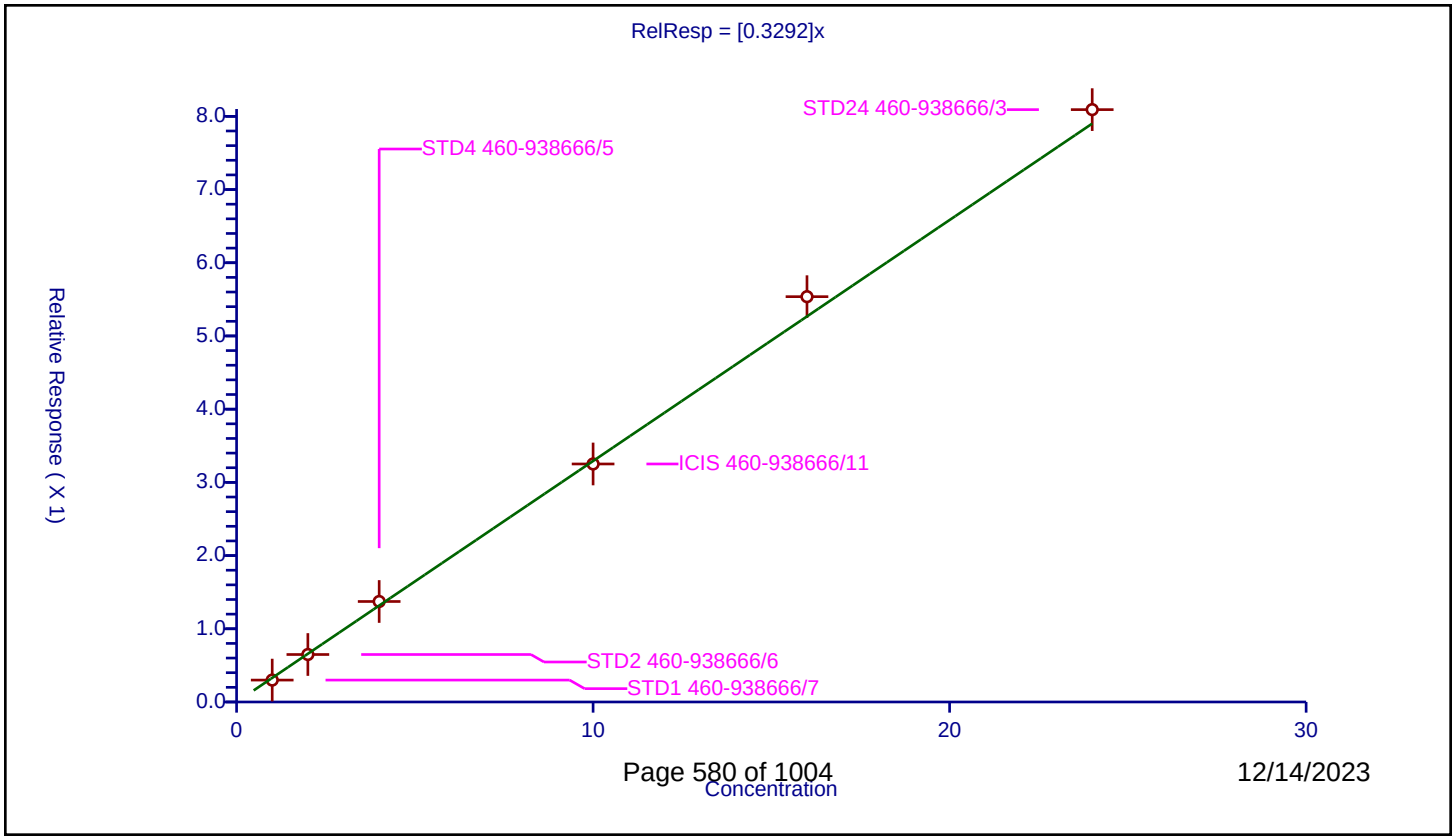
Curve Coefficients

Intercept:	0
Slope:	0.3292

Error Coefficients

Standard Error:	371000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.299302	8.0	714970.0	0.299302	Y
2	STD2 460-938666/6	2.0	0.648737	8.0	708084.0	0.324368	Y
3	STD4 460-938666/5	4.0	1.372647	8.0	676433.0	0.343162	Y
4	ICIS 460-938666/11	10.0	3.251405	8.0	620271.0	0.32514	Y
5	STD16 460-938666/4	16.0	5.536577	8.0	644141.0	0.346036	Y
6	STD24 460-938666/3	24.0	8.091729	8.0	630902.0	0.337155	Y



Calibration / Diethyl phthalate

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

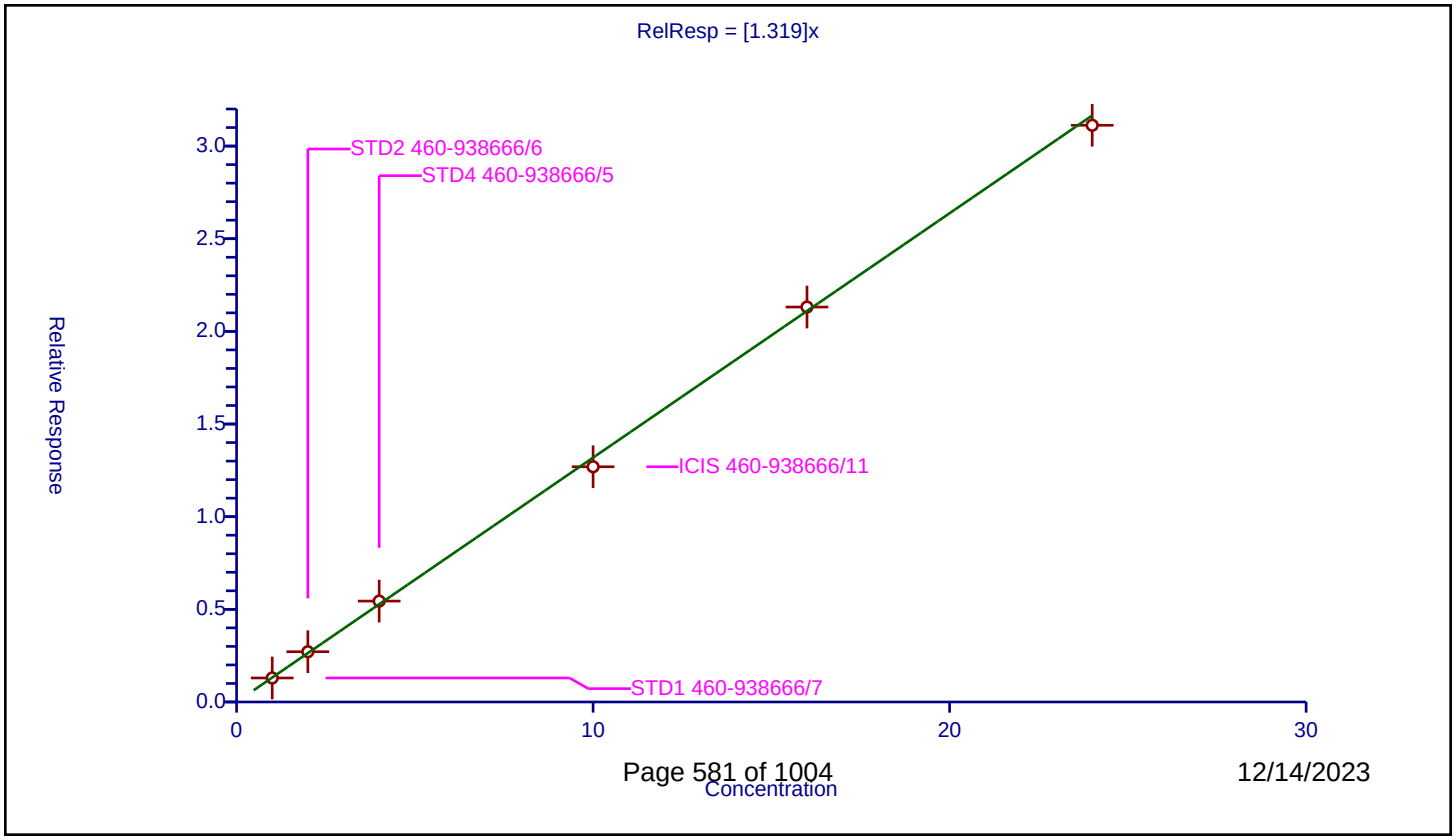
Curve Coefficients

Intercept:	0
Slope:	1.319

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	2.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.296401	8.0	714970.0	1.296401	Y
2	STD2 460-938666/6	2.0	2.713136	8.0	708084.0	1.356568	Y
3	STD4 460-938666/5	4.0	5.444879	8.0	676433.0	1.36122	Y
4	ICIS 460-938666/11	10.0	12.694129	8.0	620271.0	1.269413	Y
5	STD16 460-938666/4	16.0	21.313247	8.0	644141.0	1.332078	Y
6	STD24 460-938666/3	24.0	31.122006	8.0	630902.0	1.29675	Y



Calibration / Fluorene

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

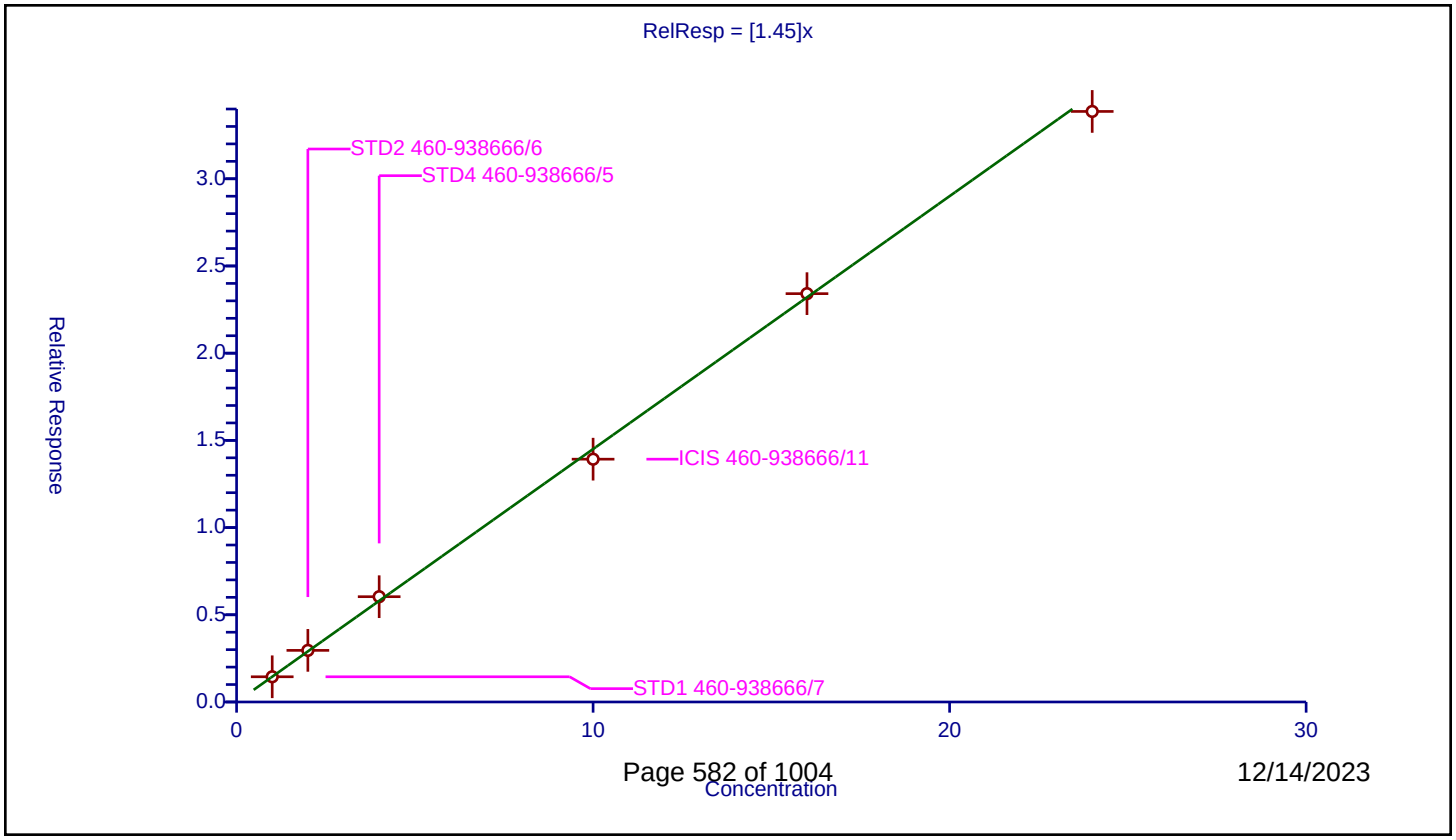
Curve Coefficients

Intercept:	0
Slope:	1.45

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.445778	8.0	714970.0	1.445778	Y
2	STD2 460-938666/6	2.0	2.958881	8.0	708084.0	1.47944	Y
3	STD4 460-938666/5	4.0	6.0376	8.0	676433.0	1.5094	Y
4	ICIS 460-938666/11	10.0	13.922366	8.0	620271.0	1.392237	Y
5	STD16 460-938666/4	16.0	23.413656	8.0	644141.0	1.463354	Y
6	STD24 460-938666/3	24.0	33.860524	8.0	630902.0	1.410855	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

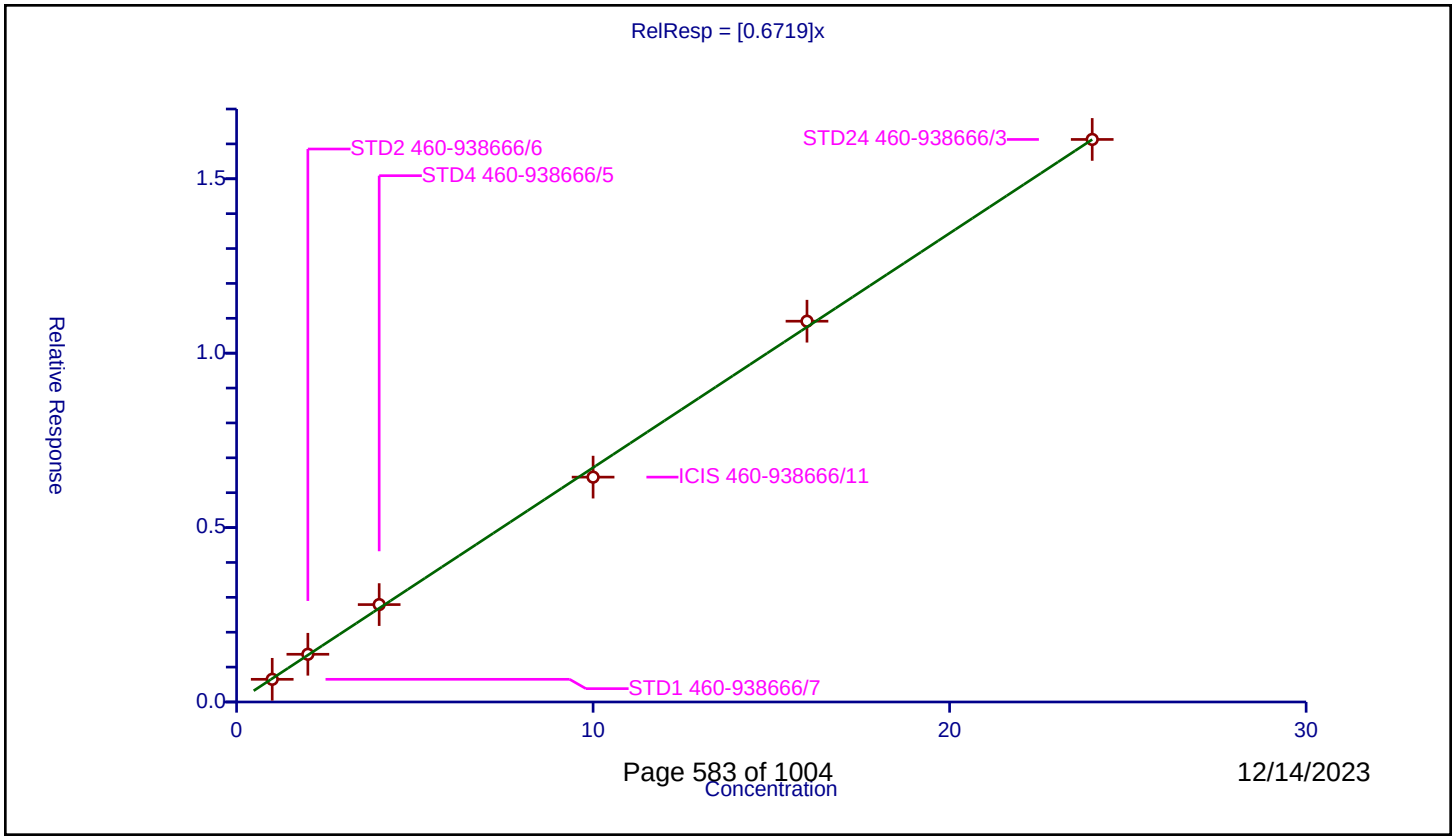
Curve Coefficients

Intercept:	0
Slope:	0.6719

Error Coefficients

Standard Error:	737000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.650019	8.0	714970.0	0.650019	Y
2	STD2 460-938666/6	2.0	1.368346	8.0	708084.0	0.684173	Y
3	STD4 460-938666/5	4.0	2.792484	8.0	676433.0	0.698121	Y
4	ICIS 460-938666/11	10.0	6.446602	8.0	620271.0	0.64466	Y
5	STD16 460-938666/4	16.0	10.916827	8.0	644141.0	0.682302	Y
6	STD24 460-938666/3	24.0	16.128007	8.0	630902.0	0.672	Y



Calibration / 4-Nitroaniline

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

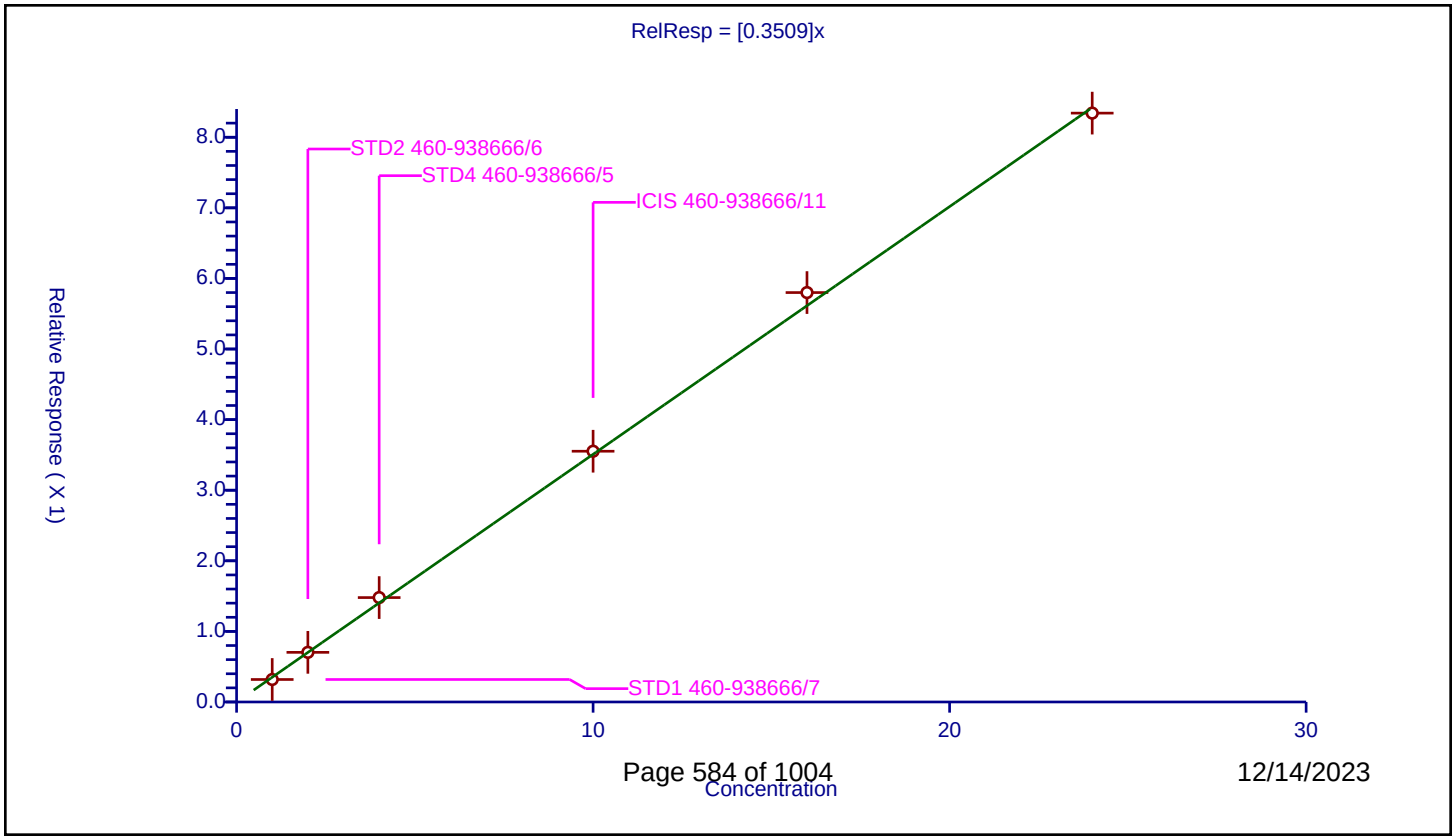
Curve Coefficients

Intercept:	0
Slope:	0.3509

Error Coefficients

Standard Error:	387000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.318536	8.0	714970.0	0.318536	Y
2	STD2 460-938666/6	2.0	0.703284	8.0	708084.0	0.351642	Y
3	STD4 460-938666/5	4.0	1.478982	8.0	676433.0	0.369745	Y
4	ICIS 460-938666/11	10.0	3.552421	8.0	620271.0	0.355242	Y
5	STD16 460-938666/4	16.0	5.799972	8.0	644141.0	0.362498	Y
6	STD24 460-938666/3	24.0	8.341872	8.0	630902.0	0.347578	Y



12/14/2023

Calibration / 4,6-Dinitro-2-methylphenol

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

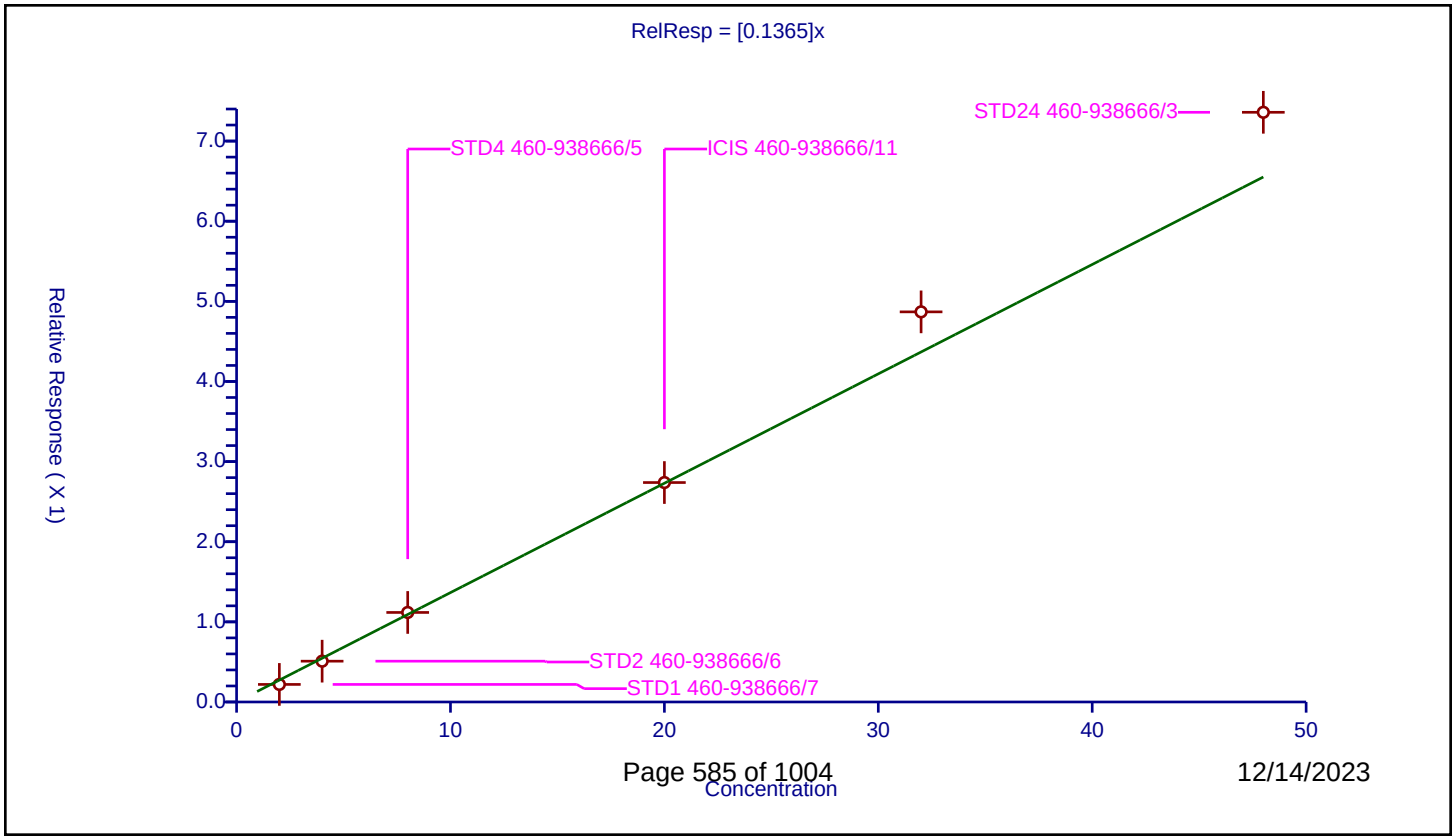
Curve Coefficients

Intercept:	0
Slope:	0.1365

Error Coefficients

Standard Error:	553000
Relative Standard Error:	12.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	2.0	0.219215	8.0	1230537.0	0.109607	Y
2	STD2 460-938666/6	4.0	0.509171	8.0	1217776.0	0.127293	Y
3	STD4 460-938666/5	8.0	1.117482	8.0	1152097.0	0.139685	Y
4	ICIS 460-938666/11	20.0	2.738545	8.0	1048852.0	0.136927	Y
5	STD16 460-938666/4	32.0	4.868453	8.0	1077254.0	0.152139	Y
6	STD24 460-938666/3	48.0	7.35903	8.0	1052755.0	0.153313	Y



Calibration / N-Nitrosodiphenylamine

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

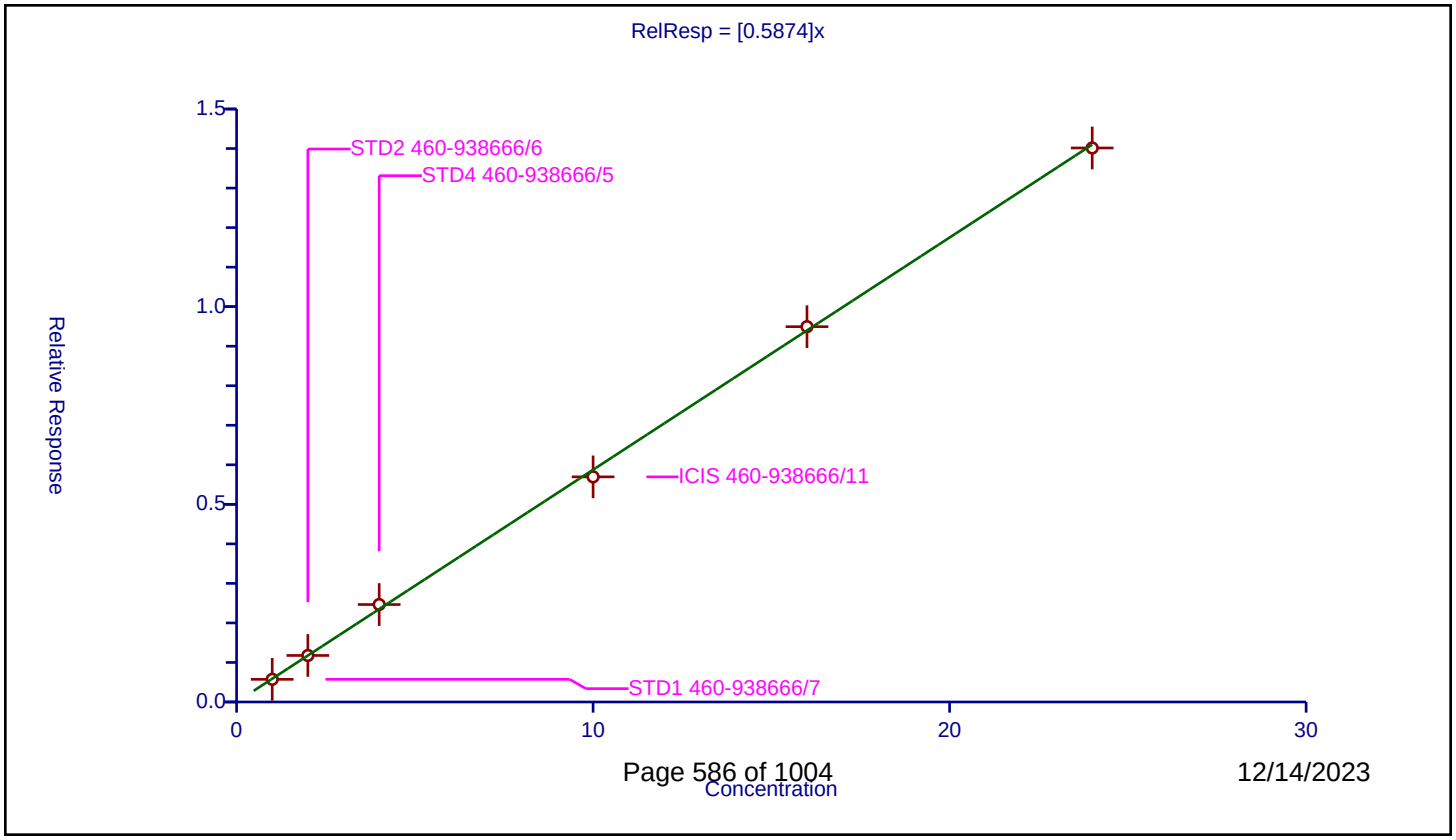
Curve Coefficients

Intercept:	0
Slope:	0.5874

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.573187	8.0	1230537.0	0.573187	Y
2	STD2 460-938666/6	2.0	1.176624	8.0	1217776.0	0.588312	Y
3	STD4 460-938666/5	4.0	2.465334	8.0	1152097.0	0.616334	Y
4	ICIS 460-938666/11	10.0	5.694905	8.0	1048852.0	0.56949	Y
5	STD16 460-938666/4	16.0	9.494288	8.0	1077254.0	0.593393	Y
6	STD24 460-938666/3	24.0	14.014391	8.0	1052755.0	0.583933	Y



12/14/2023

Calibration / 1,2-Diphenylhydrazine

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

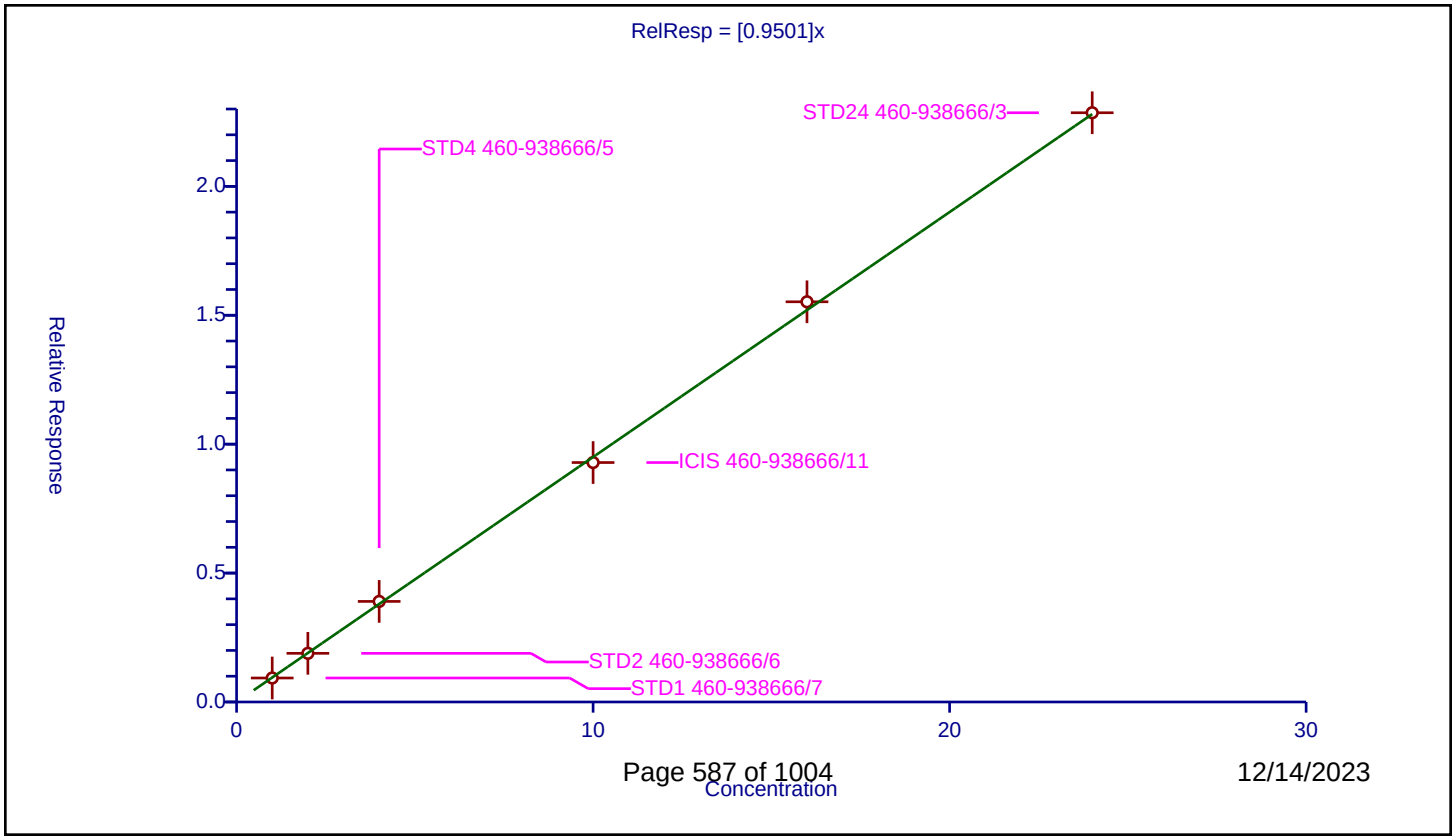
Curve Coefficients

Intercept:	0
Slope:	0.9501

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.930293	8.0	1230537.0	0.930293	Y
2	STD2 460-938666/6	2.0	1.887579	8.0	1217776.0	0.943789	Y
3	STD4 460-938666/5	4.0	3.901248	8.0	1152097.0	0.975312	Y
4	ICIS 460-938666/11	10.0	9.288121	8.0	1048852.0	0.928812	Y
5	STD16 460-938666/4	16.0	15.522549	8.0	1077254.0	0.970159	Y
6	STD24 460-938666/3	24.0	22.855407	8.0	1052755.0	0.952309	Y



Calibration / Azobenzene

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

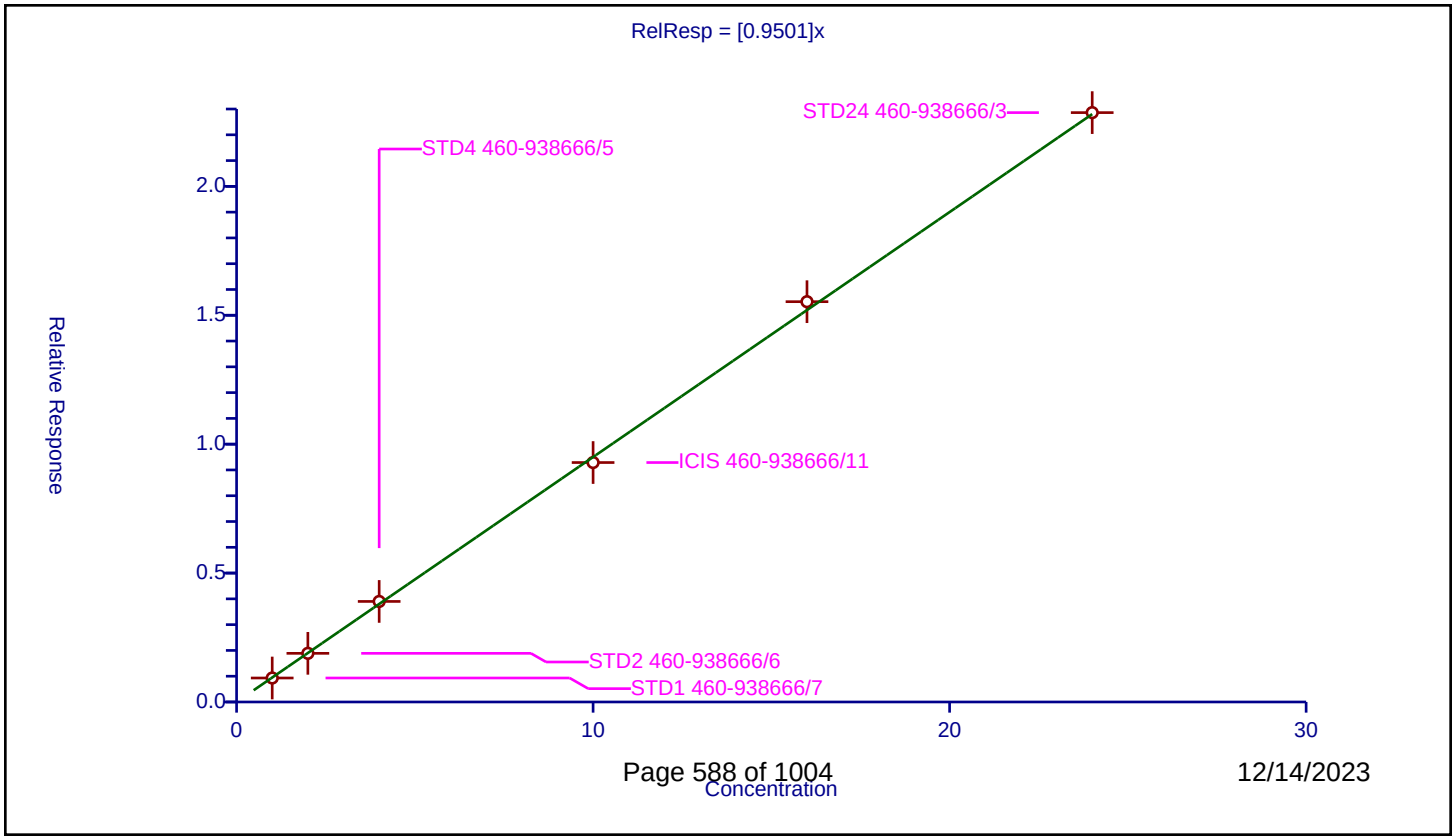
Curve Coefficients

Intercept:	0
Slope:	0.9501

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.930293	8.0	1230537.0	0.930293	Y
2	STD2 460-938666/6	2.0	1.887395	8.0	1217776.0	0.943697	Y
3	STD4 460-938666/5	4.0	3.899595	8.0	1152097.0	0.974899	Y
4	ICIS 460-938666/11	10.0	9.288128	8.0	1048852.0	0.928813	Y
5	STD16 460-938666/4	16.0	15.526552	8.0	1077254.0	0.970409	Y
6	STD24 460-938666/3	24.0	22.860316	8.0	1052755.0	0.952513	Y



Calibration / 2,4,6-Tribromophenol

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

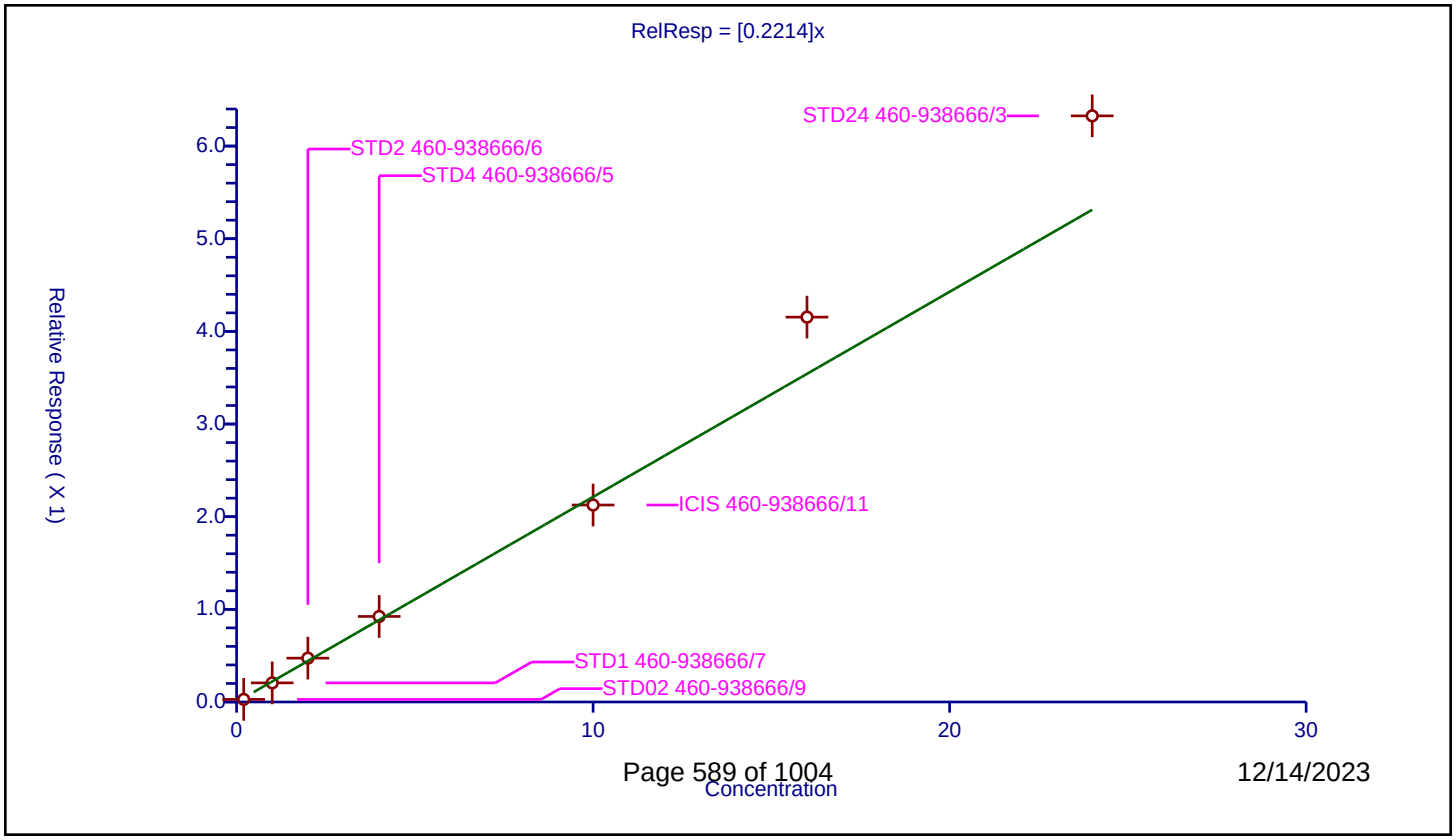
Curve Coefficients

Intercept:	0
Slope:	0.2214

Error Coefficients

Standard Error:	257000
Relative Standard Error:	18.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.028047	8.0	695692.0	0.140234	Y
2	STD1 460-938666/7	1.0	0.206095	8.0	714970.0	0.206095	Y
3	STD2 460-938666/6	2.0	0.473187	8.0	708084.0	0.236593	Y
4	STD4 460-938666/5	4.0	0.923089	8.0	676433.0	0.230772	Y
5	ICIS 460-938666/11	10.0	2.125806	8.0	620271.0	0.212581	Y
6	STD16 460-938666/4	16.0	4.153861	8.0	644141.0	0.259616	Y
7	STD24 460-938666/3	24.0	6.326016	8.0	630902.0	0.263584	Y



Calibration / 4-Bromophenyl phenyl ether

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

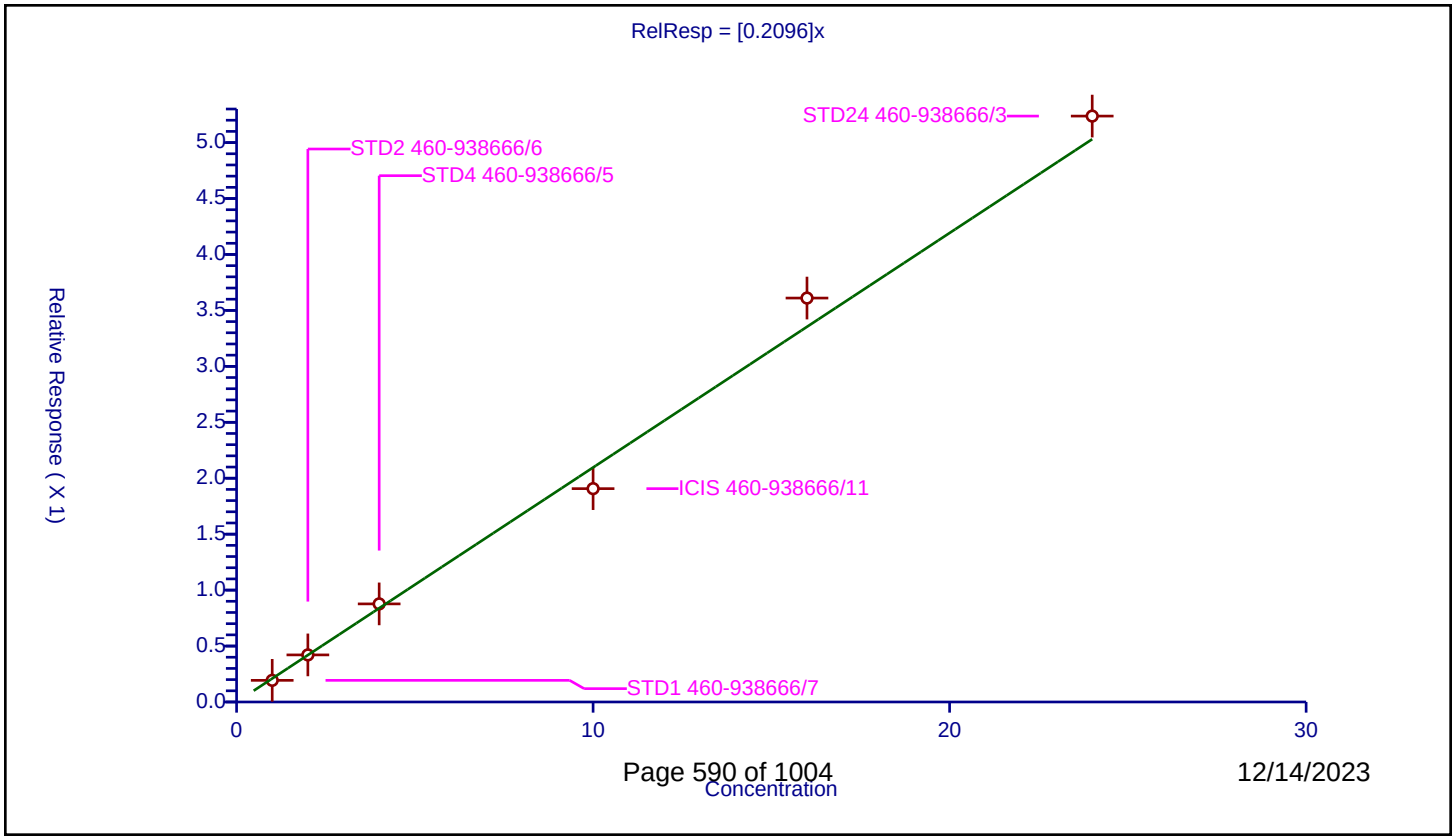
Curve Coefficients

Intercept:	0
Slope:	0.2096

Error Coefficients

Standard Error:	399000
Relative Standard Error:	6.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.193503	8.0	1230537.0	0.193503	Y
2	STD2 460-938666/6	2.0	0.420787	8.0	1217776.0	0.210393	Y
3	STD4 460-938666/5	4.0	0.876641	8.0	1152097.0	0.21916	Y
4	ICIS 460-938666/11	10.0	1.906786	8.0	1048852.0	0.190679	Y
5	STD16 460-938666/4	16.0	3.610246	8.0	1077254.0	0.22564	Y
6	STD24 460-938666/3	24.0	5.236728	8.0	1052755.0	0.218197	Y



Calibration / Hexachlorobenzene

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

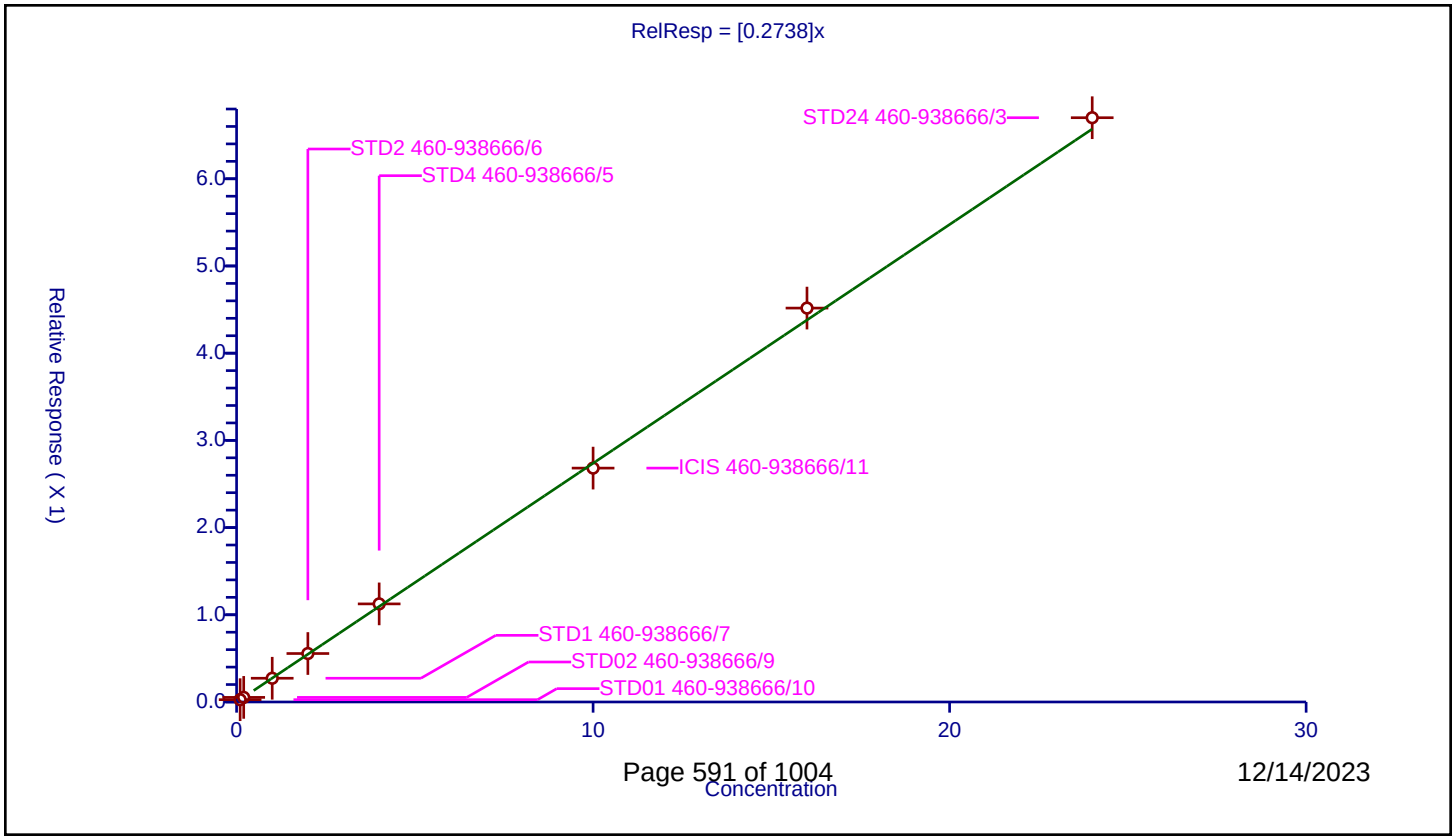
Curve Coefficients

Intercept:	0
Slope:	0.2738

Error Coefficients

Standard Error:	432000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.026527	8.0	1126099.0	0.26527	Y
2	STD02 460-938666/9	0.2	0.052777	8.0	1182943.0	0.263884	Y
3	STD1 460-938666/7	1.0	0.272167	8.0	1230537.0	0.272167	Y
4	STD2 460-938666/6	2.0	0.555846	8.0	1217776.0	0.277923	Y
5	STD4 460-938666/5	4.0	1.124794	8.0	1152097.0	0.281199	Y
6	ICIS 460-938666/11	10.0	2.682071	8.0	1048852.0	0.268207	Y
7	STD16 460-938666/4	16.0	4.517226	8.0	1077254.0	0.282327	Y
8	STD24 460-938666/3	24.0	6.700271	8.0	1052755.0	0.279178	Y



Calibration / Atrazine

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

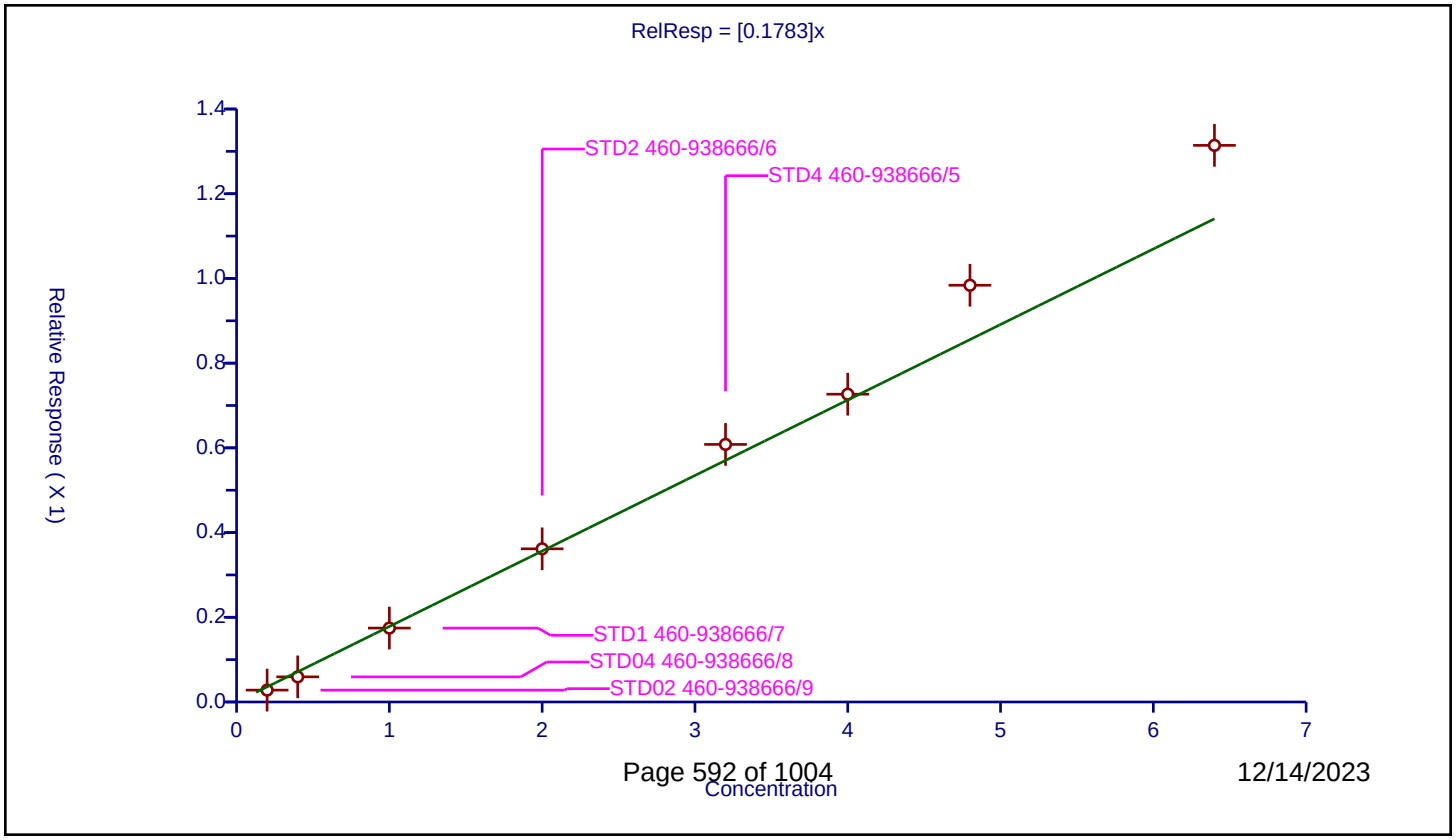
Curve Coefficients

Intercept:	0
Slope:	0.1783

Error Coefficients

Standard Error:	98600
Relative Standard Error:	13.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.028059	8.0	1182943.0	0.140294	Y
2	STD04 460-938666/8	0.4	0.059352	8.0	1271203.0	0.148379	Y
3	STD1 460-938666/7	1.0	0.174499	8.0	1230537.0	0.174499	Y
4	STD2 460-938666/6	2.0	0.361603	8.0	1217776.0	0.180802	Y
5	STD4 460-938666/5	3.2	0.608129	8.0	1152097.0	0.19004	Y
6	ICIS 460-938666/11	4.0	0.726737	8.0	1048852.0	0.181684	Y
7	STD16 460-938666/4	4.8	0.983879	8.0	1077254.0	0.204975	Y
8	STD24 460-938666/3	6.4	1.314205	8.0	1052755.0	0.205345	Y



Calibration / Pentachlorophenol

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

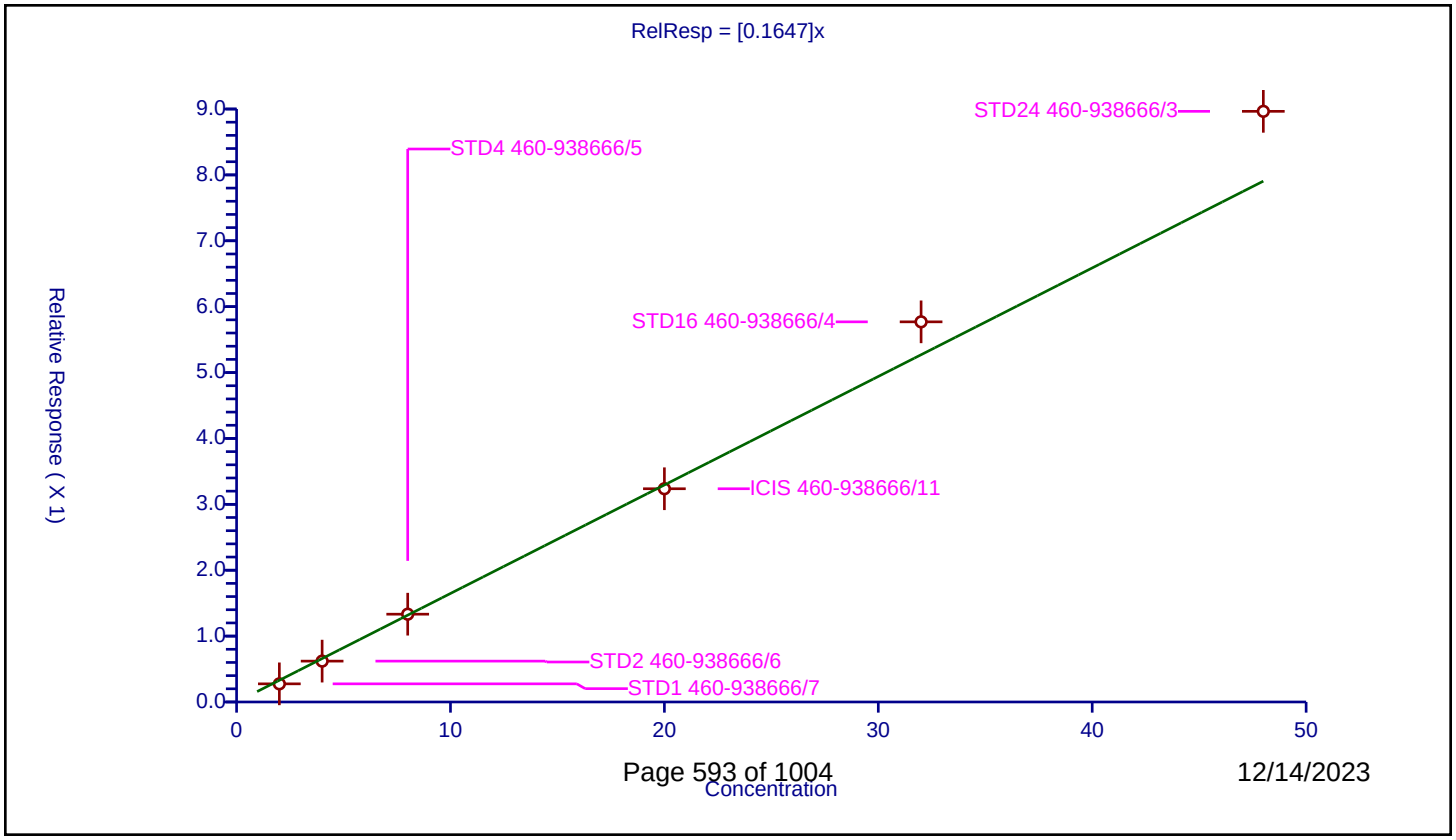
Curve Coefficients

Intercept:	0
Slope:	0.1647

Error Coefficients

Standard Error:	667000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	2.0	0.275314	8.0	1230537.0	0.137657	Y
2	STD2 460-938666/6	4.0	0.620114	8.0	1217776.0	0.155029	Y
3	STD4 460-938666/5	8.0	1.332707	8.0	1152097.0	0.166588	Y
4	ICIS 460-938666/11	20.0	3.236537	8.0	1048852.0	0.161827	Y
5	STD16 460-938666/4	32.0	5.769737	8.0	1077254.0	0.180304	Y
6	STD24 460-938666/3	48.0	8.964768	8.0	1052755.0	0.186766	Y



Calibration / Pentachloronitrobenzene

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

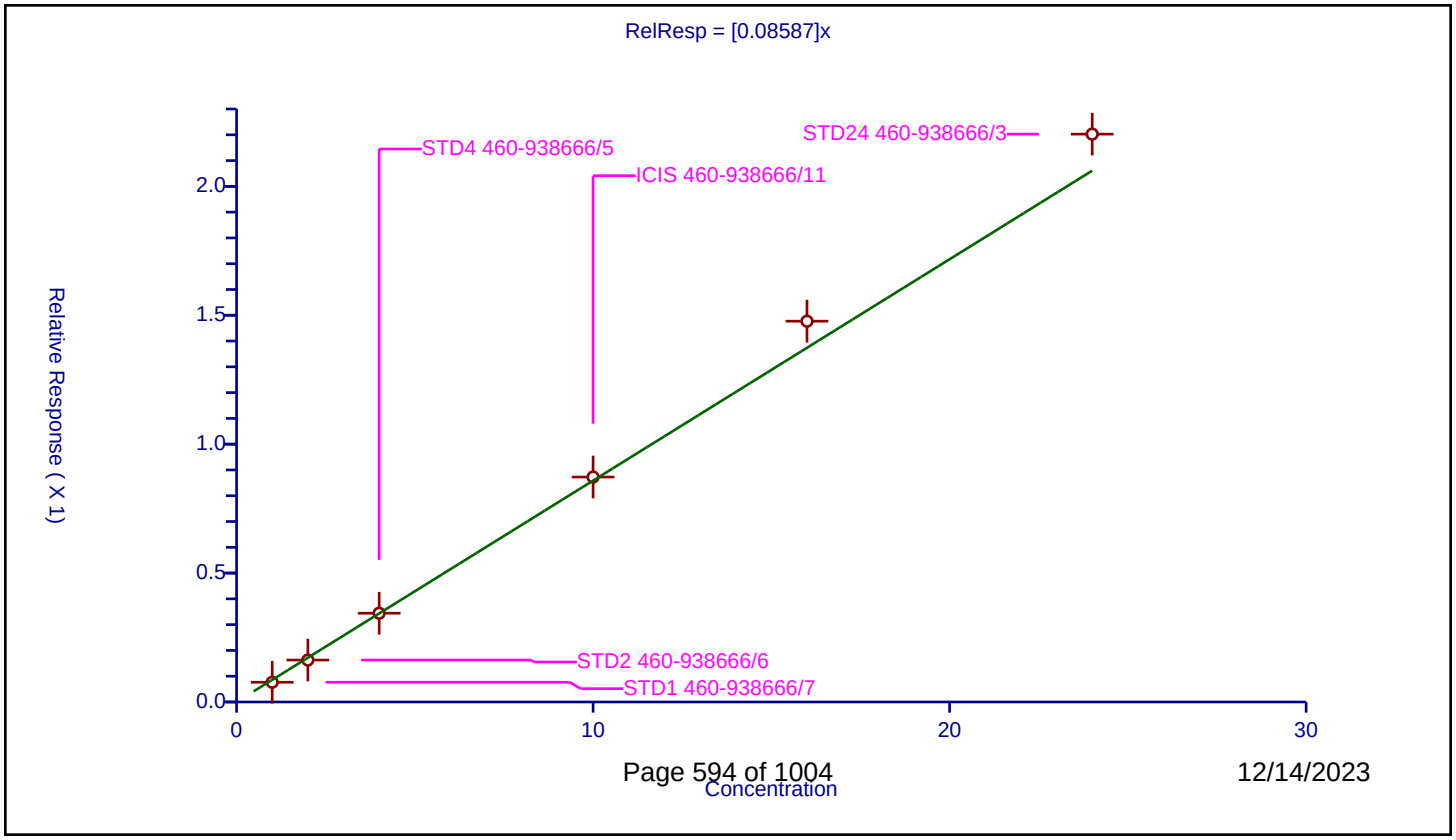
Curve Coefficients

Intercept:	0
Slope:	0.08587

Error Coefficients

Standard Error:	167000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.076487	8.0	1230537.0	0.076487	Y
2	STD2 460-938666/6	2.0	0.162598	8.0	1217776.0	0.081299	Y
3	STD4 460-938666/5	4.0	0.34427	8.0	1152097.0	0.086067	Y
4	ICIS 460-938666/11	10.0	0.872489	8.0	1048852.0	0.087249	Y
5	STD16 460-938666/4	16.0	1.477067	8.0	1077254.0	0.092317	Y
6	STD24 460-938666/3	24.0	2.202609	8.0	1052755.0	0.091775	Y



Calibration / n-Octadecane

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

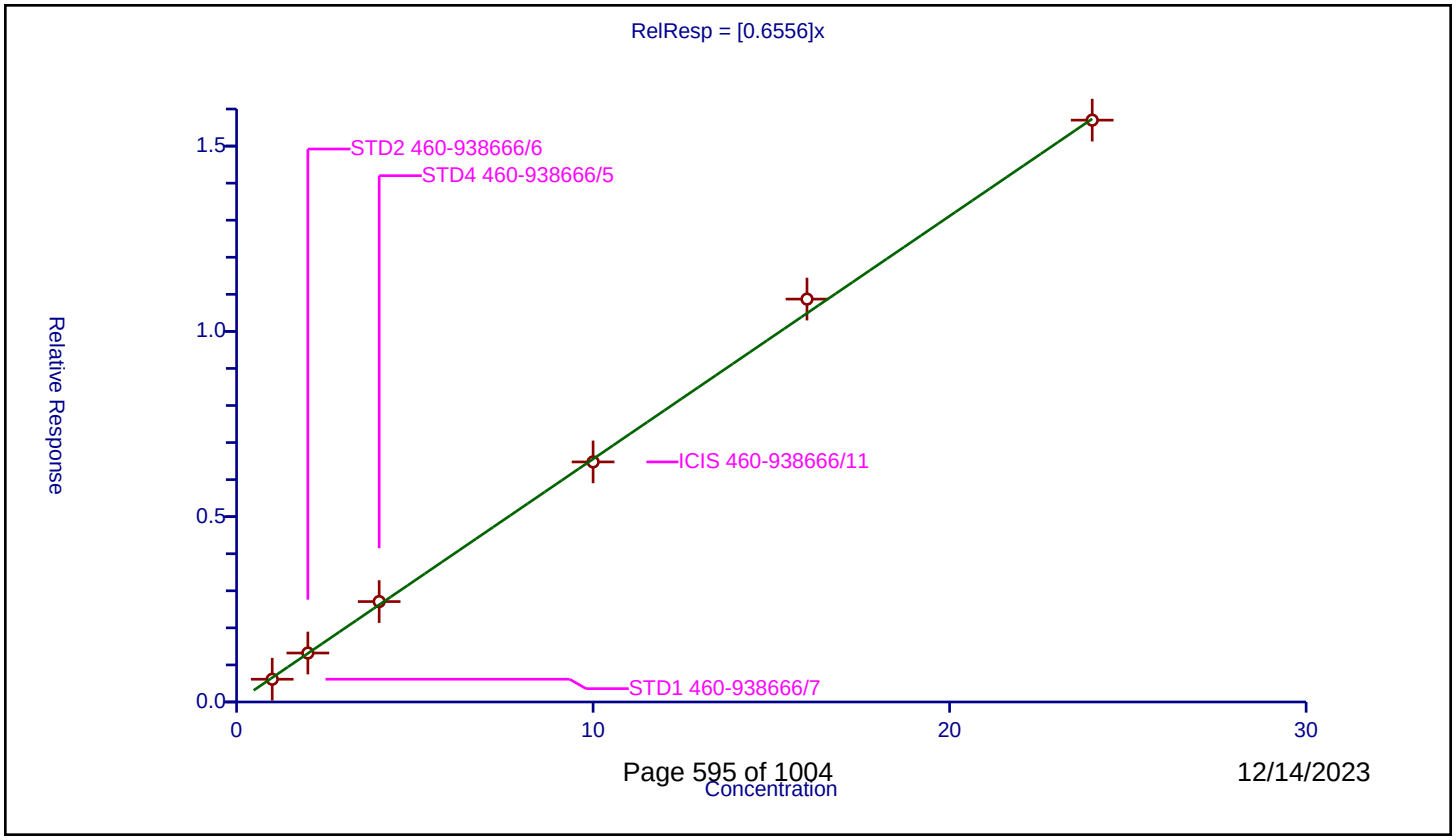
Curve Coefficients

Intercept:	0
Slope:	0.6556

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.61408	8.0	1230537.0	0.61408	Y
2	STD2 460-938666/6	2.0	1.321675	8.0	1217776.0	0.660837	Y
3	STD4 460-938666/5	4.0	2.709744	8.0	1152097.0	0.677436	Y
4	ICIS 460-938666/11	10.0	6.477398	8.0	1048852.0	0.64774	Y
5	STD16 460-938666/4	16.0	10.870825	8.0	1077254.0	0.679427	Y
6	STD24 460-938666/3	24.0	15.700253	8.0	1052755.0	0.654177	Y



Calibration / Phenanthrene

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

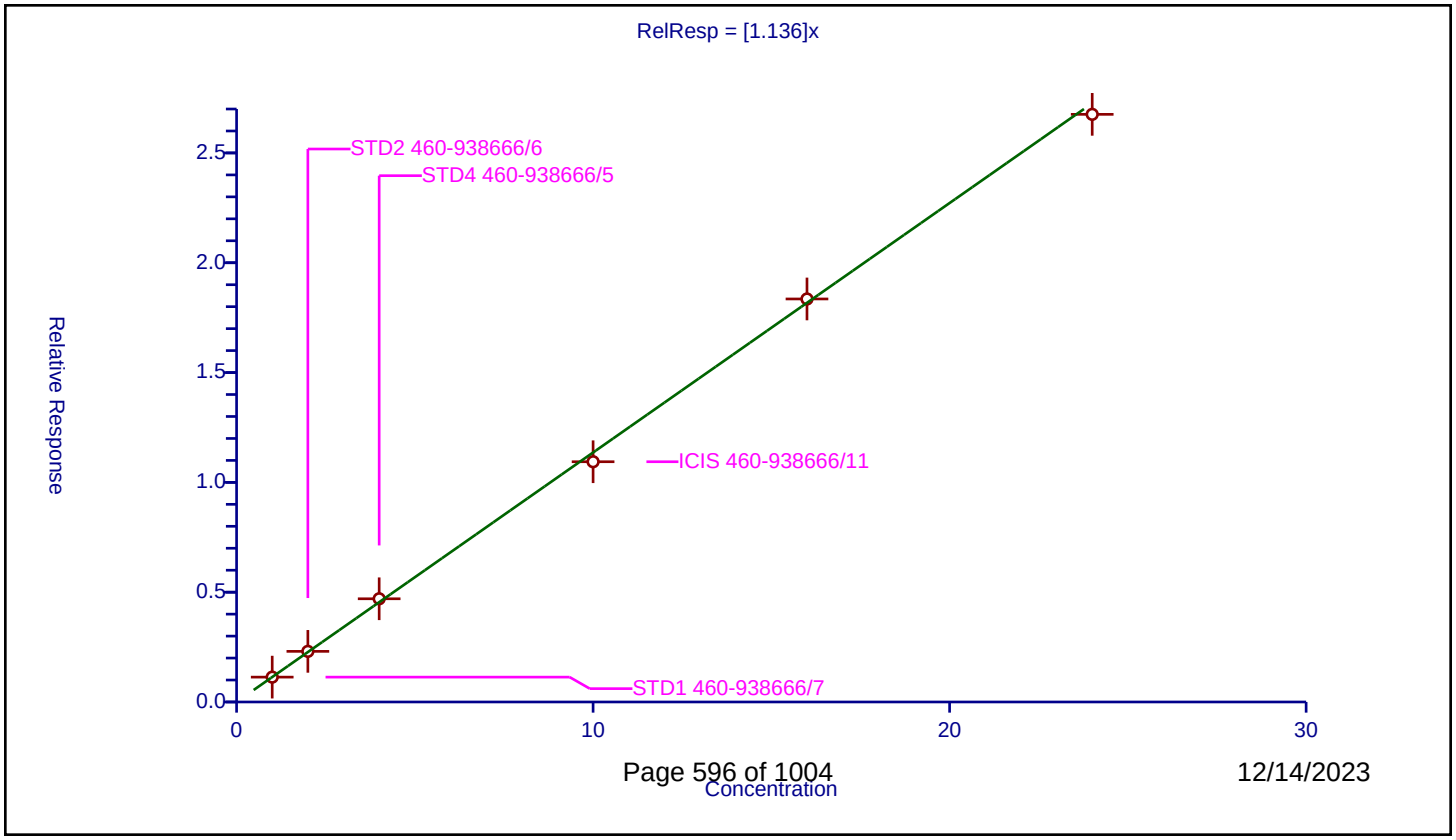
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	2.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.132241	8.0	1230537.0	1.132241	Y
2	STD2 460-938666/6	2.0	2.3056	8.0	1217776.0	1.1528	Y
3	STD4 460-938666/5	4.0	4.699917	8.0	1152097.0	1.174979	Y
4	ICIS 460-938666/11	10.0	10.939572	8.0	1048852.0	1.093957	Y
5	STD16 460-938666/4	16.0	18.350495	8.0	1077254.0	1.146906	Y
6	STD24 460-938666/3	24.0	26.757306	8.0	1052755.0	1.114888	Y



Calibration / Anthracene

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

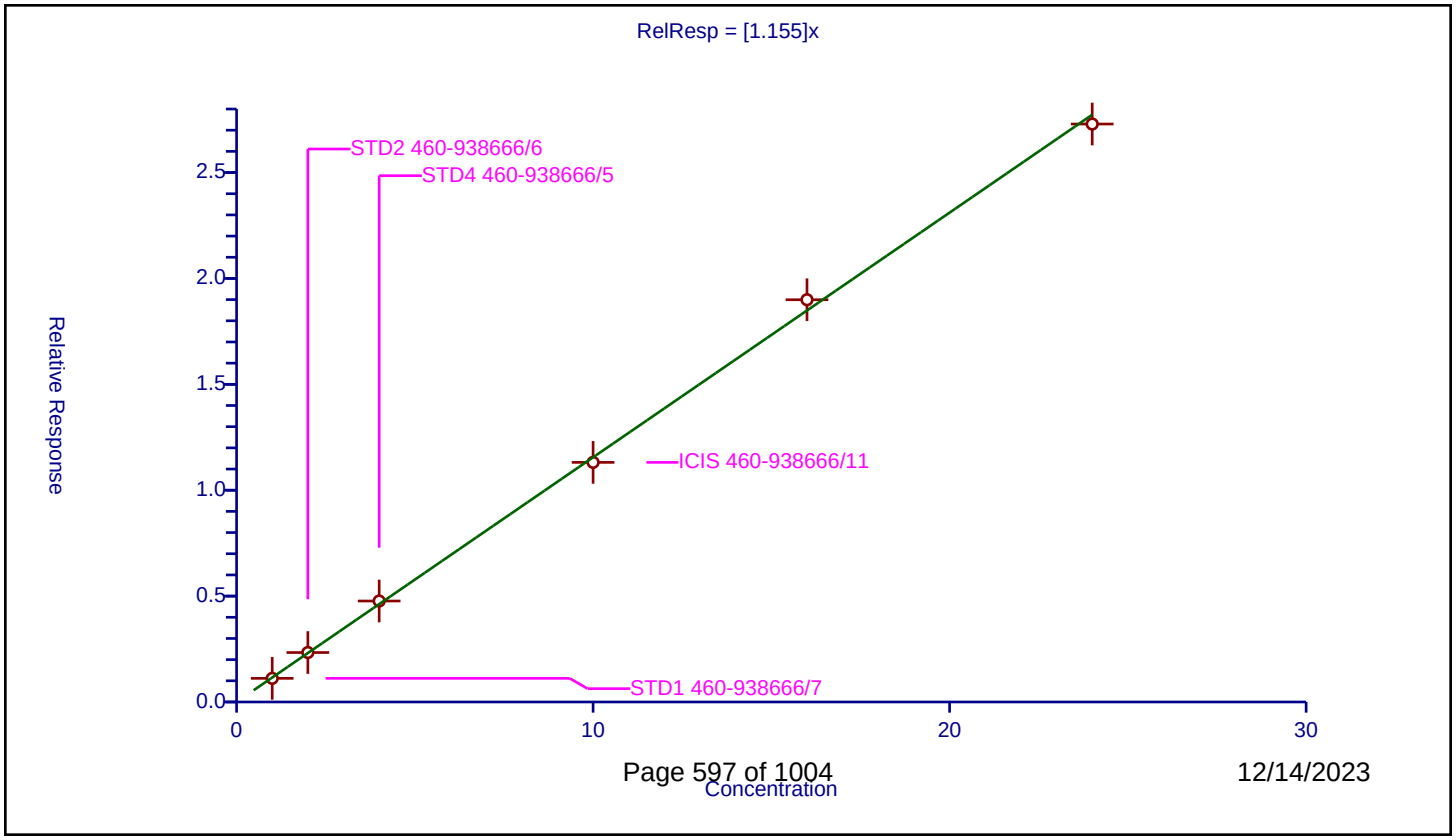
Curve Coefficients

Intercept:	0
Slope:	1.155

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	2.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.116833	8.0	1230537.0	1.116833	Y
2	STD2 460-938666/6	2.0	2.335418	8.0	1217776.0	1.167709	Y
3	STD4 460-938666/5	4.0	4.768008	8.0	1152097.0	1.192002	Y
4	ICIS 460-938666/11	10.0	11.314702	8.0	1048852.0	1.13147	Y
5	STD16 460-938666/4	16.0	18.994109	8.0	1077254.0	1.187132	Y
6	STD24 460-938666/3	24.0	27.291531	8.0	1052755.0	1.137147	Y



Calibration / Carbazole

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

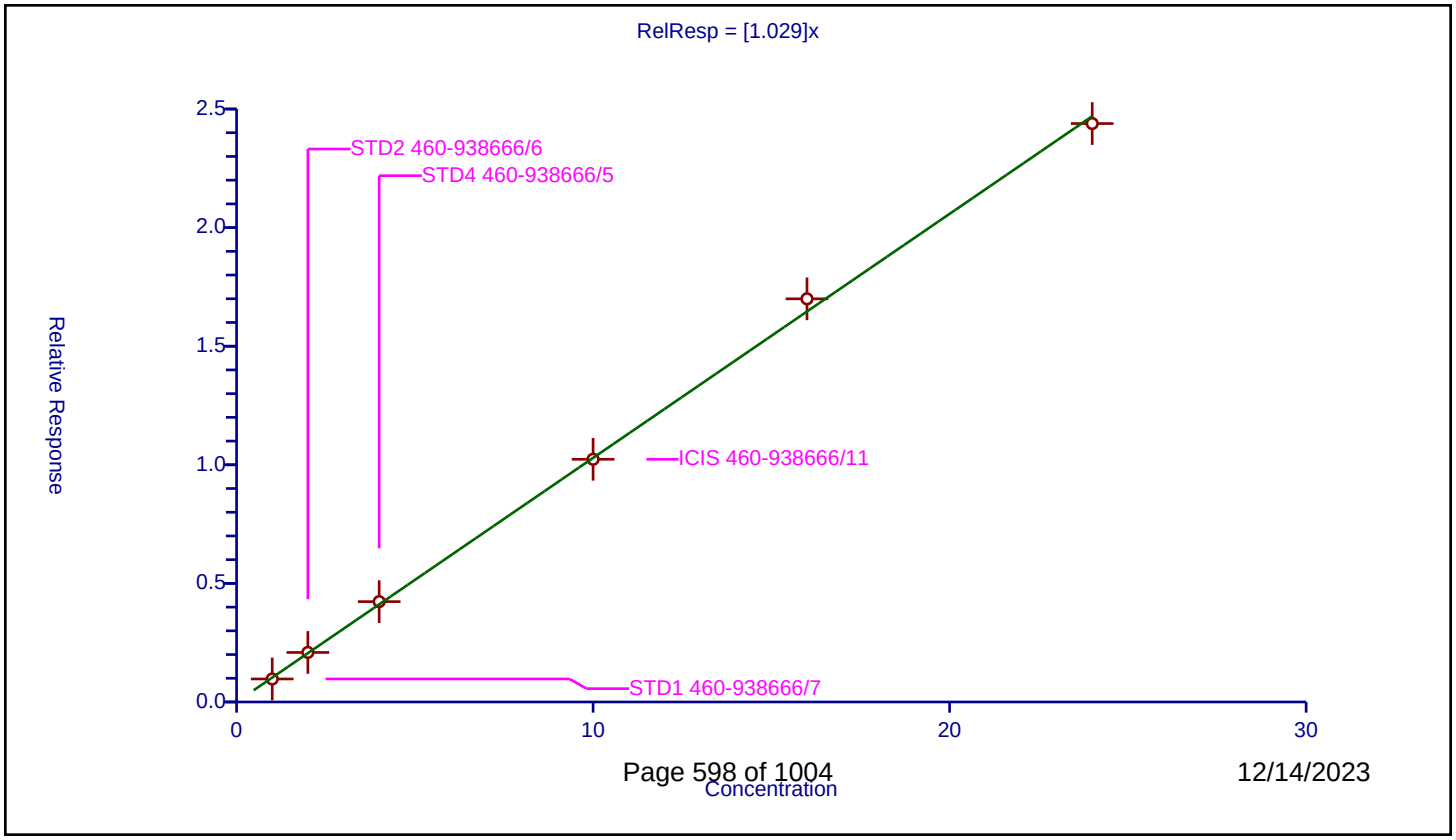
Curve Coefficients

Intercept:	0
Slope:	1.029

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.97025	8.0	1230537.0	0.97025	Y
2	STD2 460-938666/6	2.0	2.088371	8.0	1217776.0	1.044185	Y
3	STD4 460-938666/5	4.0	4.231255	8.0	1152097.0	1.057814	Y
4	ICIS 460-938666/11	10.0	10.232712	8.0	1048852.0	1.023271	Y
5	STD16 460-938666/4	16.0	16.997239	8.0	1077254.0	1.062327	Y
6	STD24 460-938666/3	24.0	24.387676	8.0	1052755.0	1.016153	Y



Calibration / Di-n-butyl phthalate

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

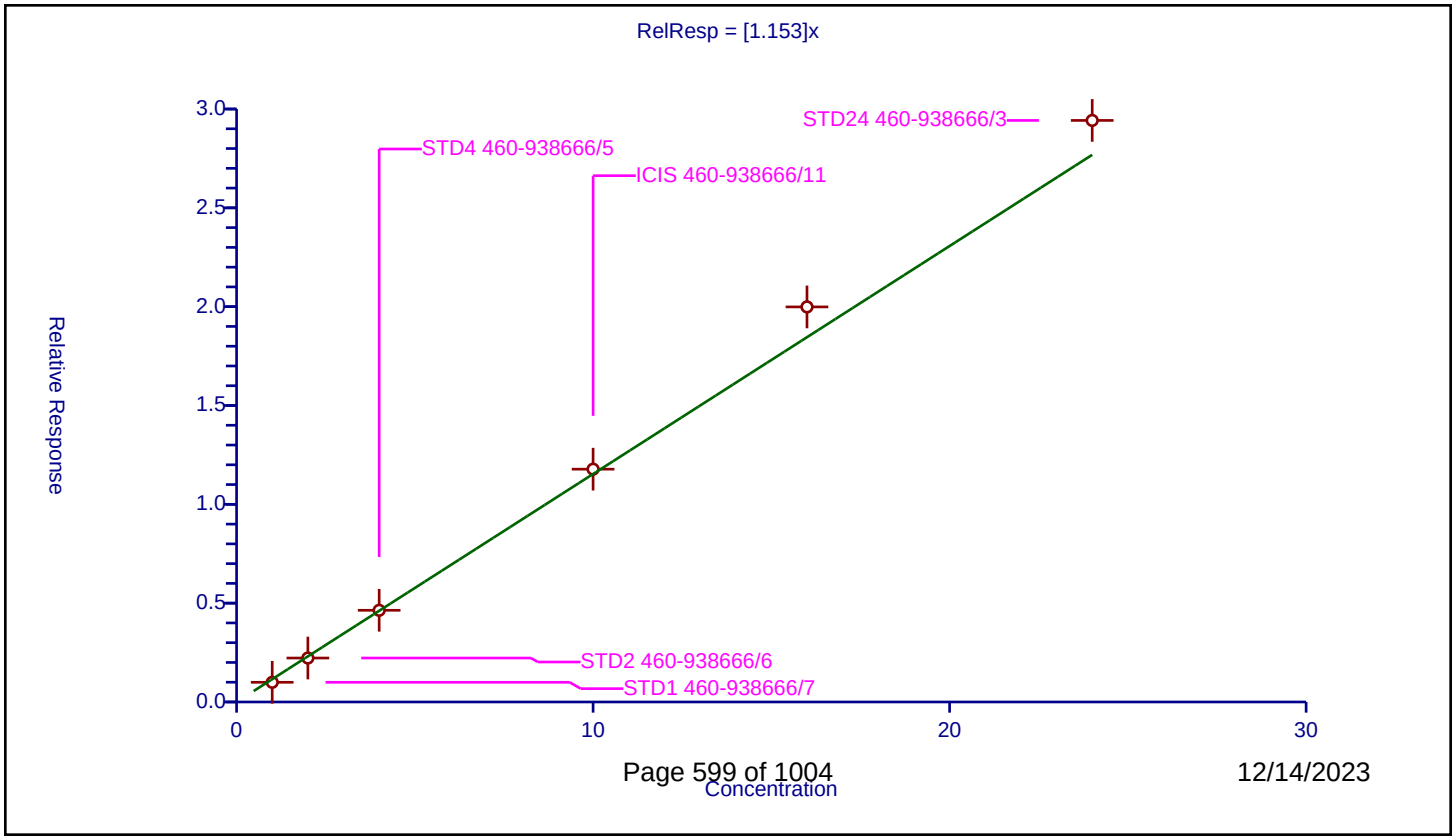
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.995981	8.0	1230537.0	0.995981	Y
2	STD2 460-938666/6	2.0	2.223614	8.0	1217776.0	1.111807	Y
3	STD4 460-938666/5	4.0	4.639047	8.0	1152097.0	1.159762	Y
4	ICIS 460-938666/11	10.0	11.77876	8.0	1048852.0	1.177876	Y
5	STD16 460-938666/4	16.0	19.987813	8.0	1077254.0	1.249238	Y
6	STD24 460-938666/3	24.0	29.422587	8.0	1052755.0	1.225941	Y



12/14/2023

Calibration / Fluoranthene

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

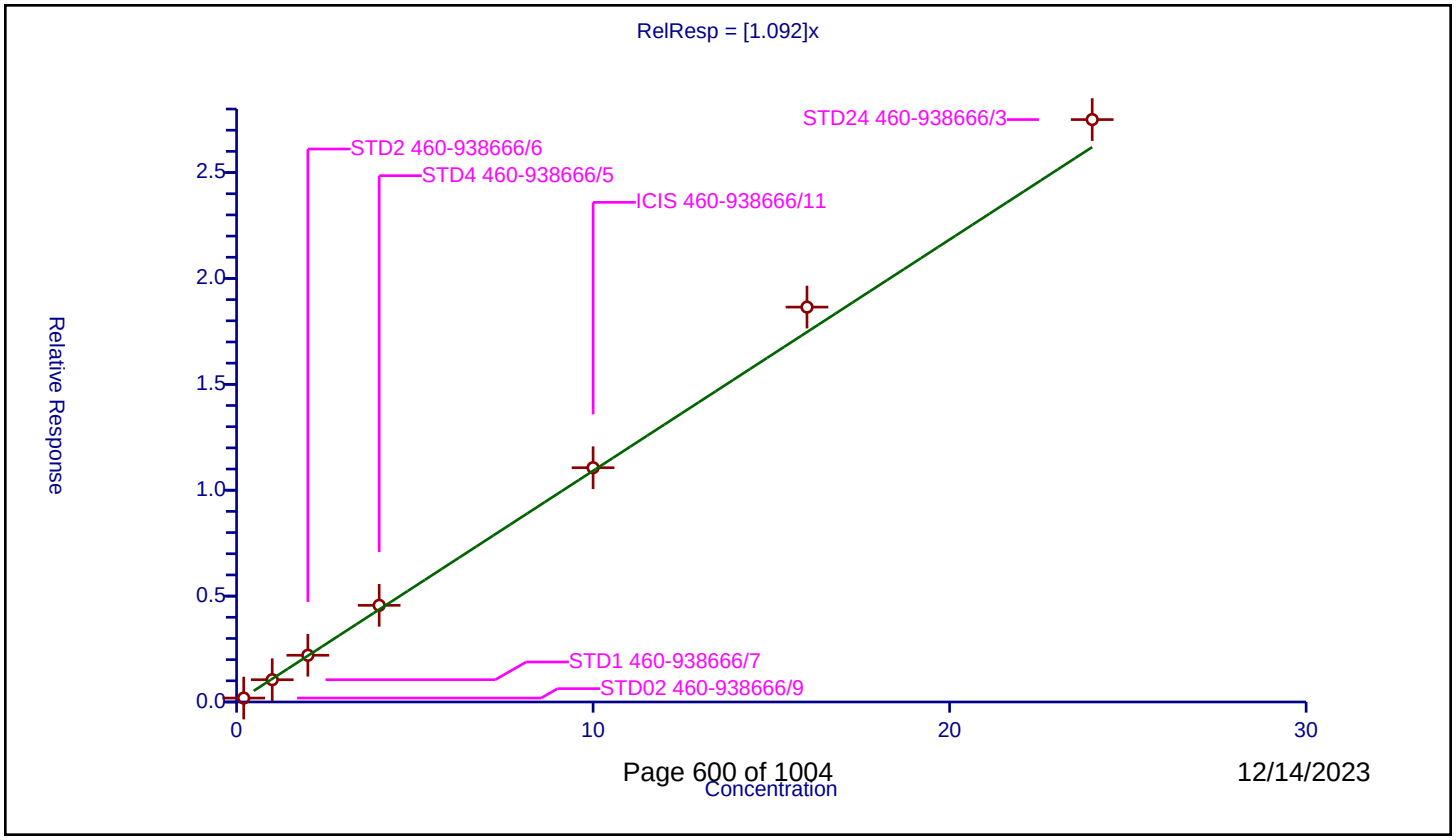
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.185679	8.0	1182943.0	0.928396	Y
2	STD1 460-938666/7	1.0	1.051625	8.0	1230537.0	1.051625	Y
3	STD2 460-938666/6	2.0	2.207027	8.0	1217776.0	1.103513	Y
4	STD4 460-938666/5	4.0	4.564421	8.0	1152097.0	1.141105	Y
5	ICIS 460-938666/11	10.0	11.062983	8.0	1048852.0	1.106298	Y
6	STD16 460-938666/4	16.0	18.646291	8.0	1077254.0	1.165393	Y
7	STD24 460-938666/3	24.0	27.501464	8.0	1052755.0	1.145894	Y



Calibration / Benzidine

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

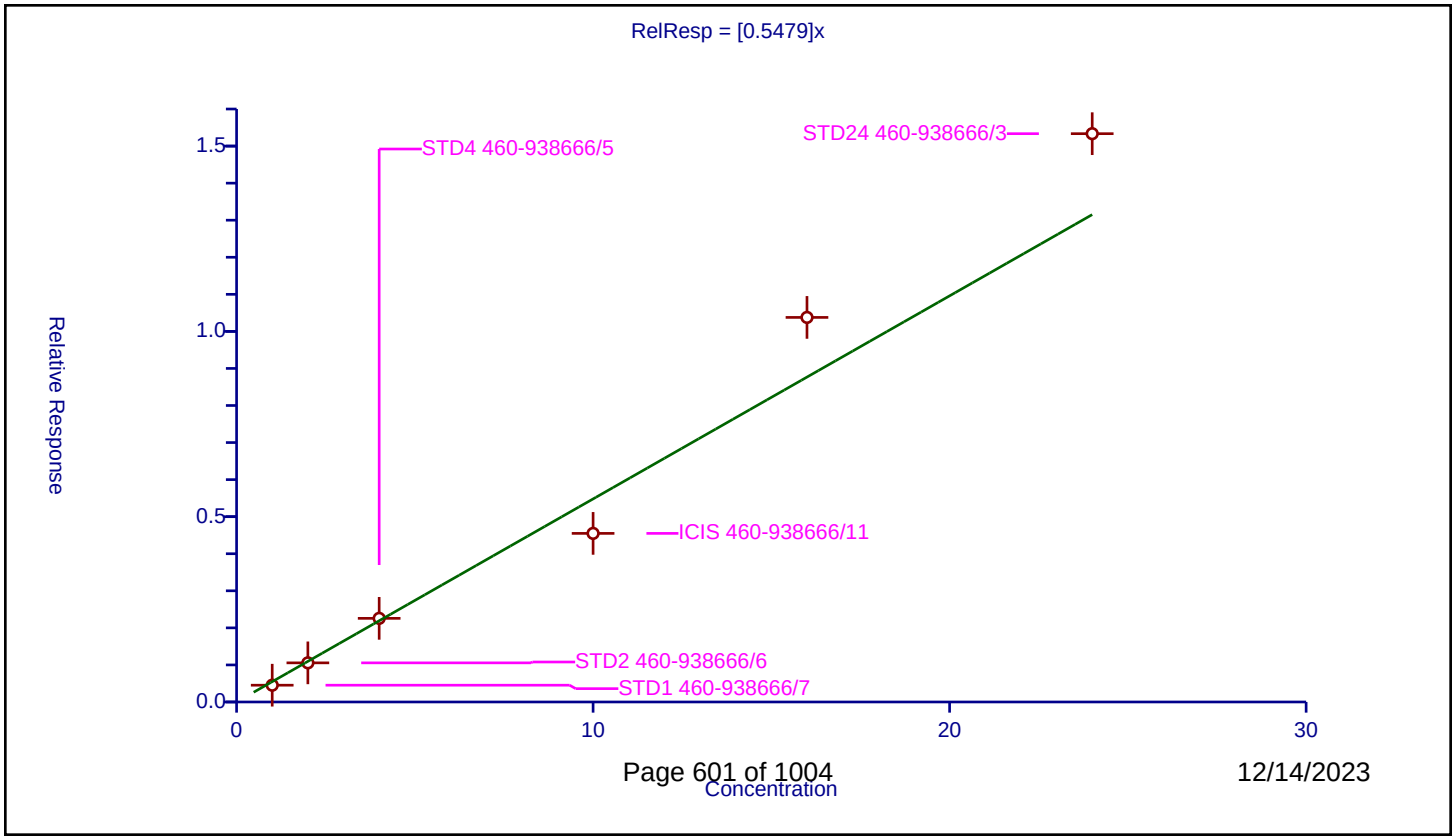
Curve Coefficients

Intercept:	0
Slope:	0.5479

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	15.6
Correlation Coefficient:	0.982
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.453181	8.0	1230537.0	0.453181	Y
2	STD2 460-938666/6	2.0	1.055754	8.0	1217776.0	0.527877	Y
3	STD4 460-938666/5	4.0	2.25656	8.0	1152097.0	0.56414	Y
4	ICIS 460-938666/11	10.0	4.548958	8.0	1048852.0	0.454896	Y
5	STD16 460-938666/4	16.0	10.376821	8.0	1077254.0	0.648551	Y
6	STD24 460-938666/3	24.0	15.334227	8.0	1052755.0	0.638926	Y



12/14/2023

Calibration / Pyrene

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

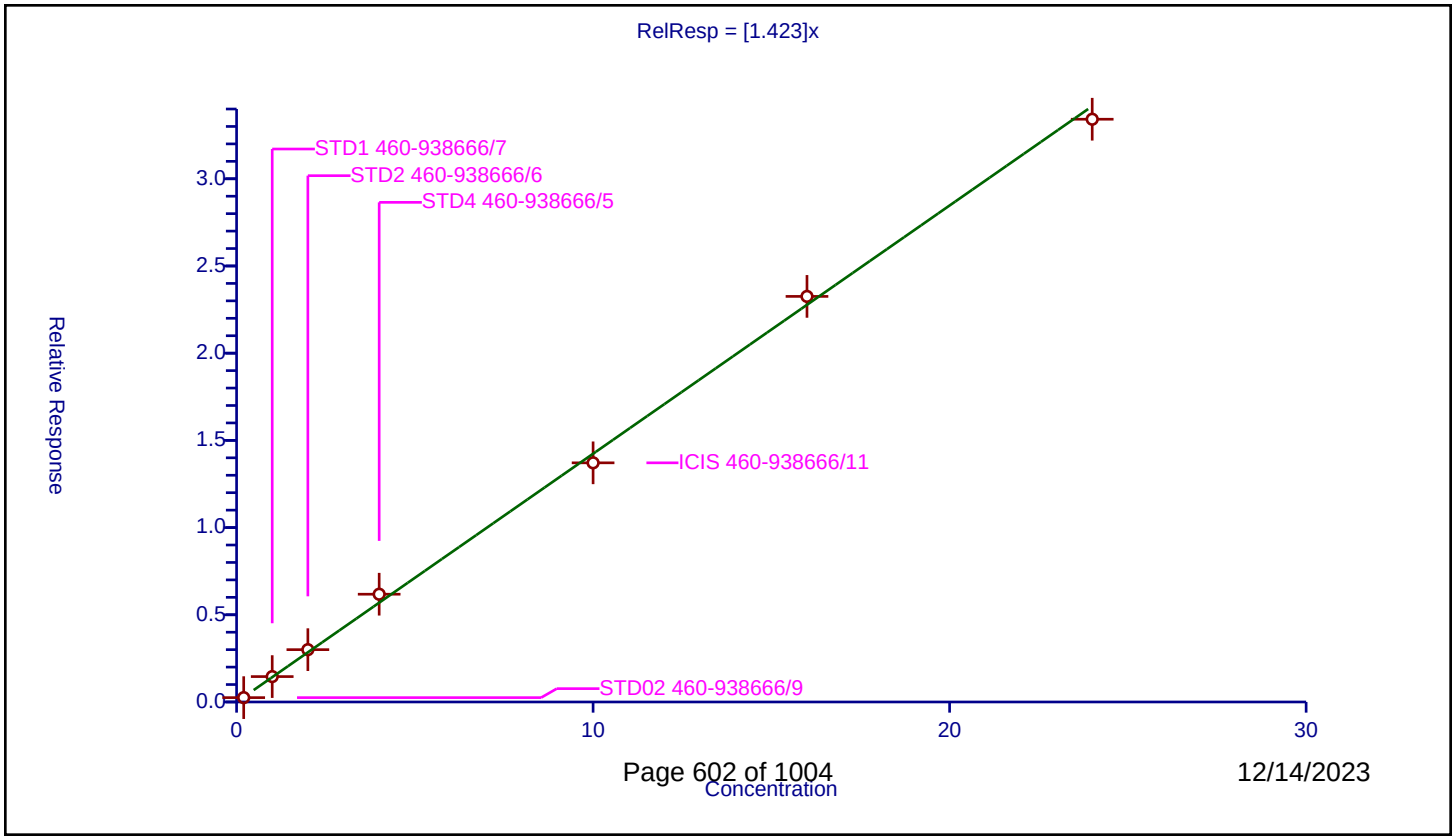
Curve Coefficients

Intercept:	0
Slope:	1.423

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.249236	8.0	911329.0	1.24618	Y
2	STD1 460-938666/7	1.0	1.455645	8.0	943494.0	1.455645	Y
3	STD2 460-938666/6	2.0	3.000304	8.0	948168.0	1.500152	Y
4	STD4 460-938666/5	4.0	6.178931	8.0	887975.0	1.544733	Y
5	ICIS 460-938666/11	10.0	13.712571	8.0	889799.0	1.371257	Y
6	STD16 460-938666/4	16.0	23.255039	8.0	894050.0	1.45344	Y
7	STD24 460-938666/3	24.0	33.414948	8.0	880637.0	1.39229	Y



Calibration / Bisphenol-A

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

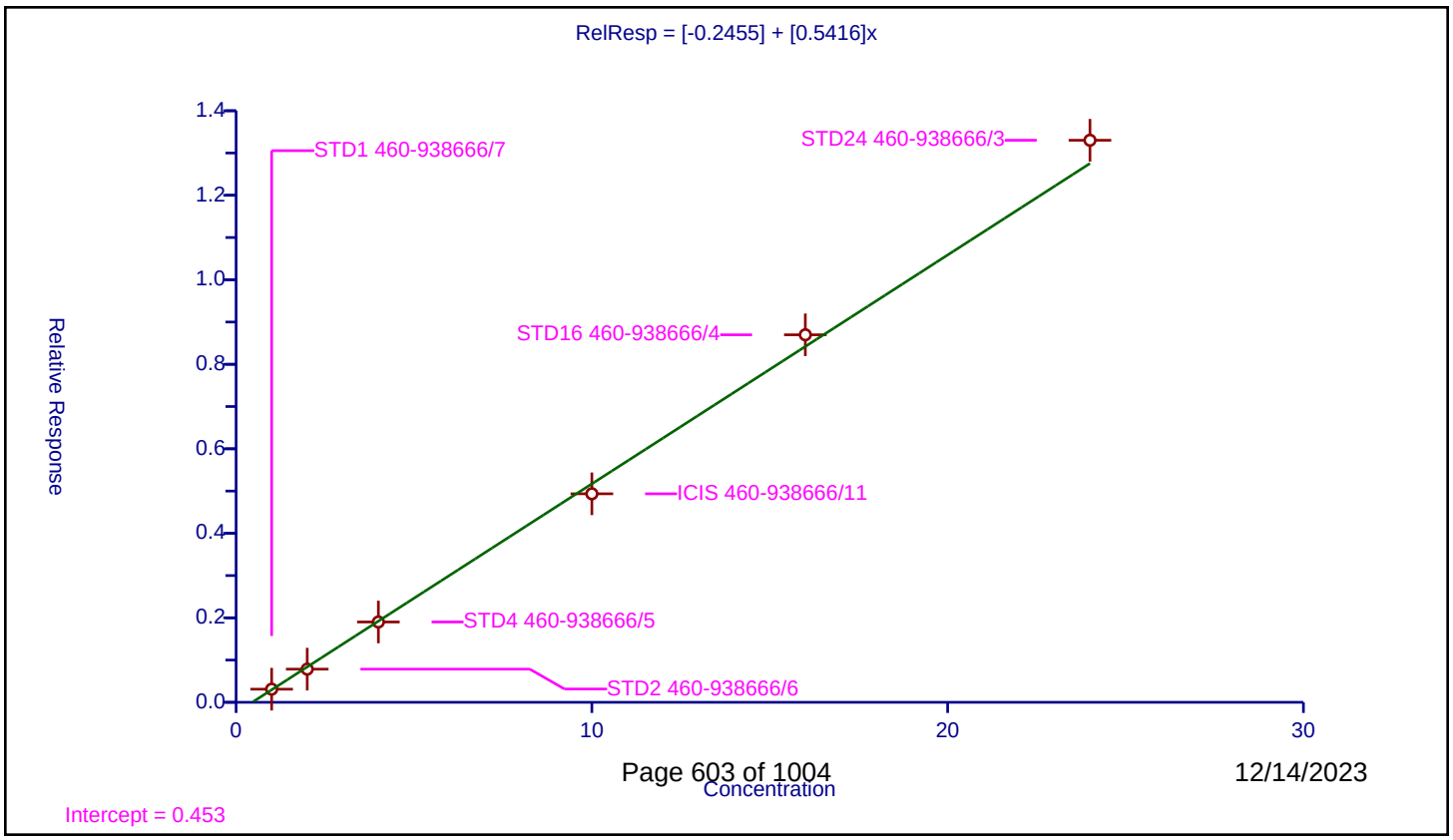
Curve Coefficients

Intercept:	-0.2455
Slope:	0.5416

Error Coefficients

Standard Error:	928000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.310879	8.0	943494.0	0.310879	Y
2	STD2 460-938666/6	2.0	0.784587	8.0	948168.0	0.392293	Y
3	STD4 460-938666/5	4.0	1.901108	8.0	887975.0	0.475277	Y
4	ICIS 460-938666/11	10.0	4.934885	8.0	889799.0	0.493489	Y
5	STD16 460-938666/4	16.0	8.69742	8.0	894050.0	0.543589	Y
6	STD24 460-938666/3	24.0	13.301771	8.0	880637.0	0.55424	Y



12/14/2023

Calibration / Terphenyl-d14

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

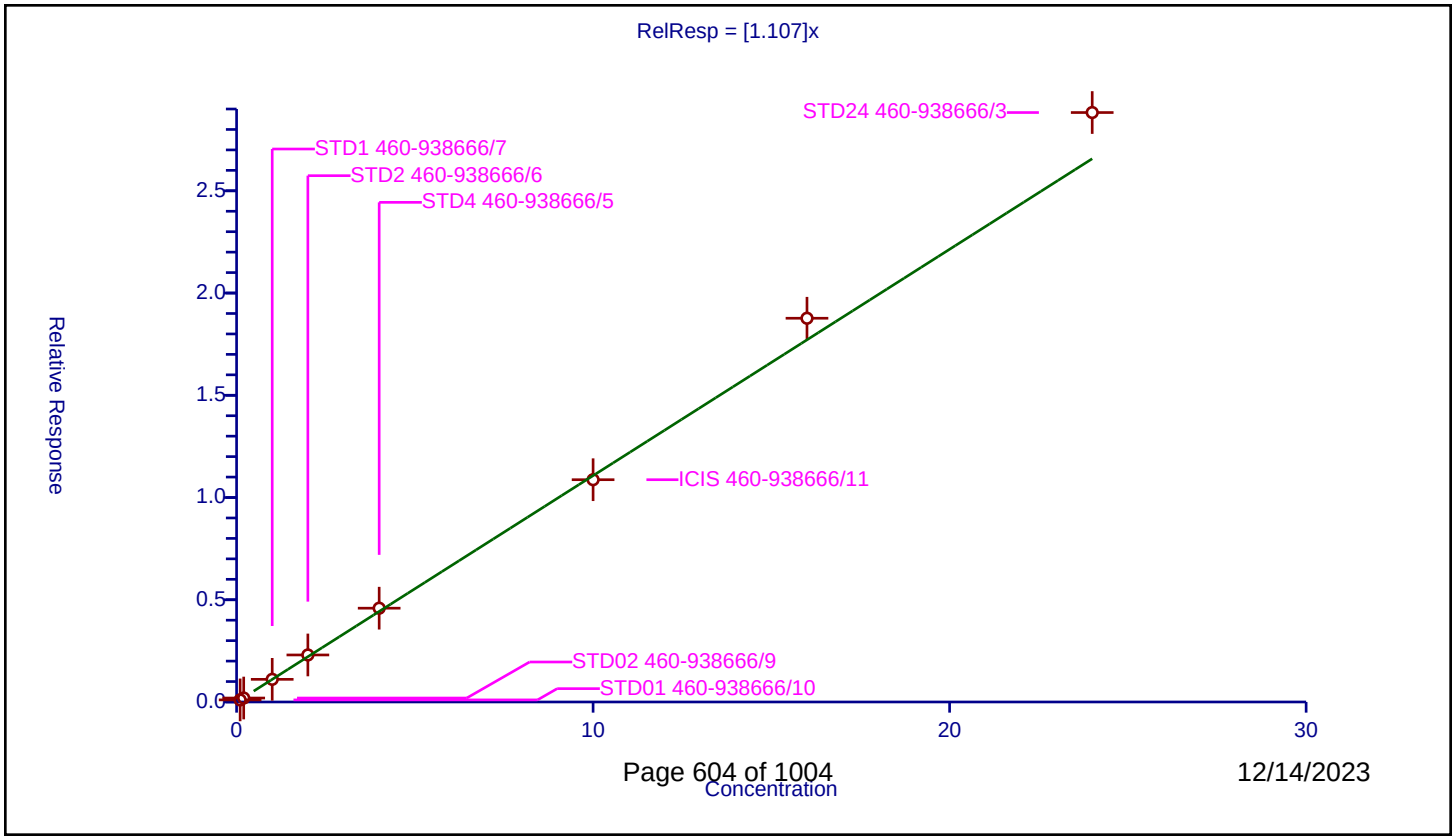
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.101826	8.0	873571.0	1.018257	Y
2	STD02 460-938666/9	0.2	0.194301	8.0	911329.0	0.971504	Y
3	STD1 460-938666/7	1.0	1.108128	8.0	943494.0	1.108128	Y
4	STD2 460-938666/6	2.0	2.299905	8.0	948168.0	1.149952	Y
5	STD4 460-938666/5	4.0	4.587264	8.0	887975.0	1.146816	Y
6	ICIS 460-938666/11	10.0	10.871021	8.0	889799.0	1.087102	Y
7	STD16 460-938666/4	16.0	18.767344	8.0	894050.0	1.172959	Y
8	STD24 460-938666/3	24.0	28.82806	8.0	880637.0	1.201169	Y



12/14/2023

Calibration / Butyl benzyl phthalate

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

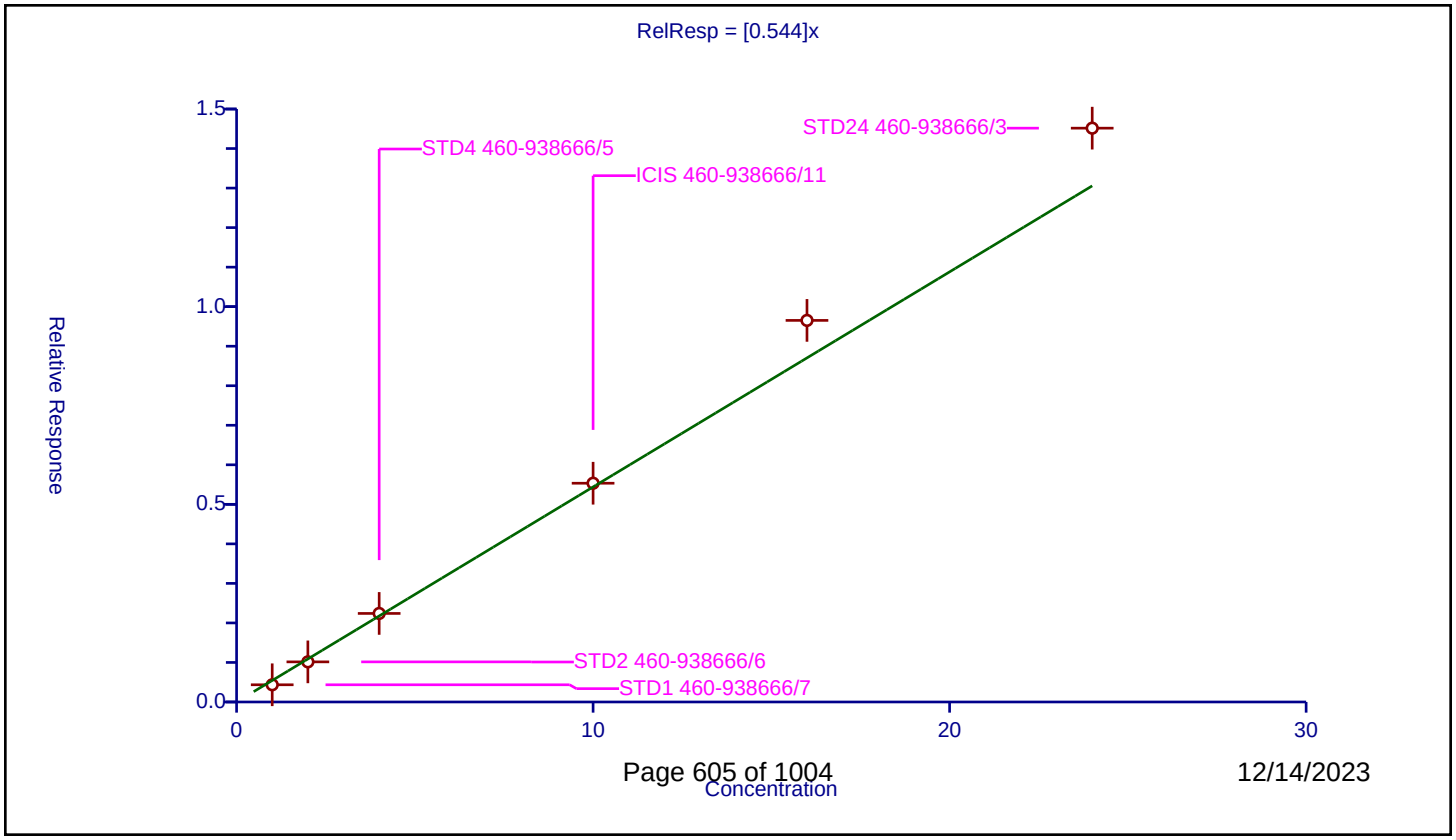
Curve Coefficients

Intercept:	0
Slope:	0.544

Error Coefficients

Standard Error:	914000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.435149	8.0	943494.0	0.435149	Y
2	STD2 460-938666/6	2.0	1.014976	8.0	948168.0	0.507488	Y
3	STD4 460-938666/5	4.0	2.239748	8.0	887975.0	0.559937	Y
4	ICIS 460-938666/11	10.0	5.53351	8.0	889799.0	0.553351	Y
5	STD16 460-938666/4	16.0	9.652471	8.0	894050.0	0.603279	Y
6	STD24 460-938666/3	24.0	14.515629	8.0	880637.0	0.604818	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

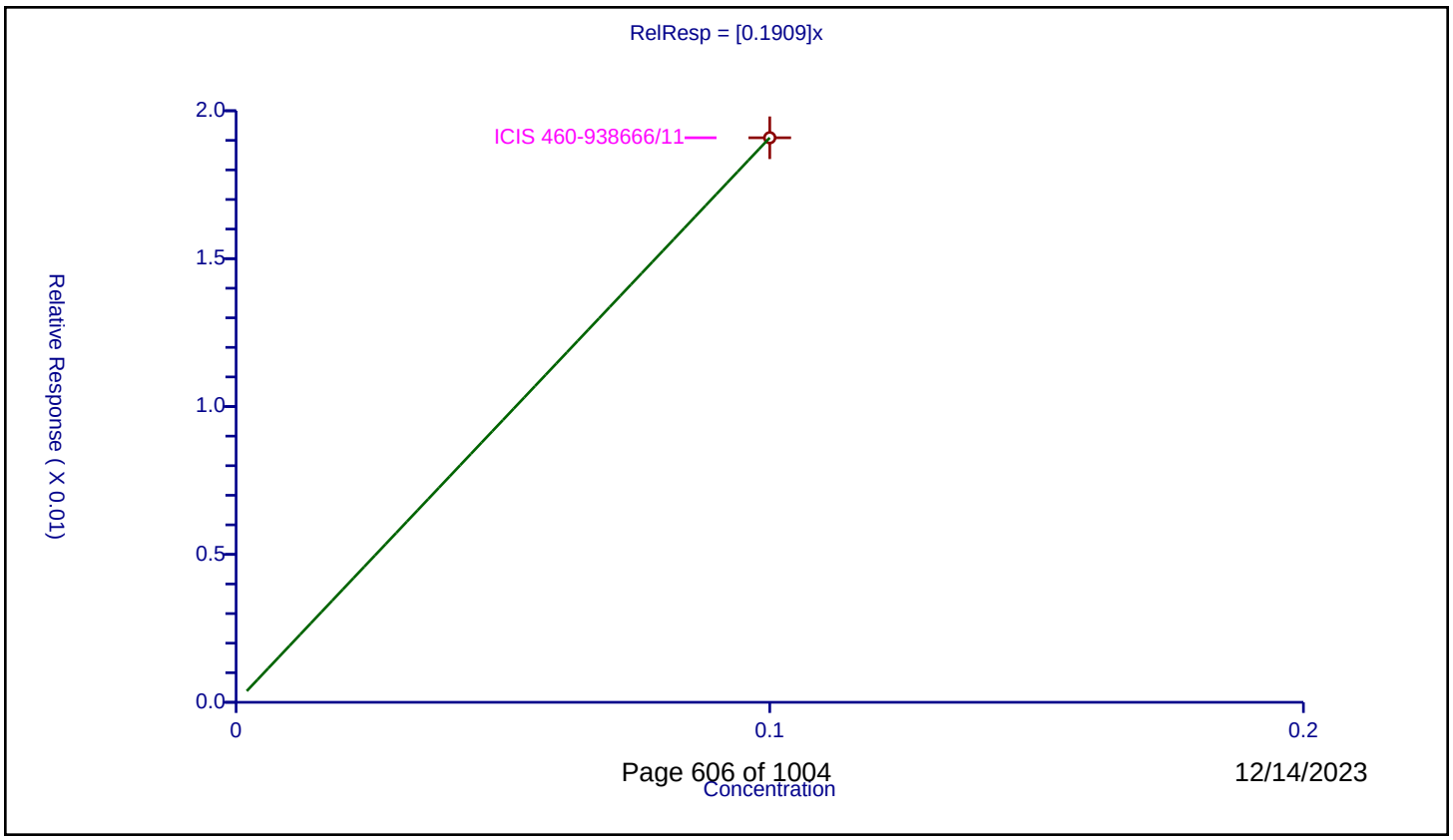
Curve Coefficients

Intercept:	0
Slope:	0.1909

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-938666/11	0.1	0.019087	8.0	889799.0	0.190875	Y



Calibration / Carbamazepine

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

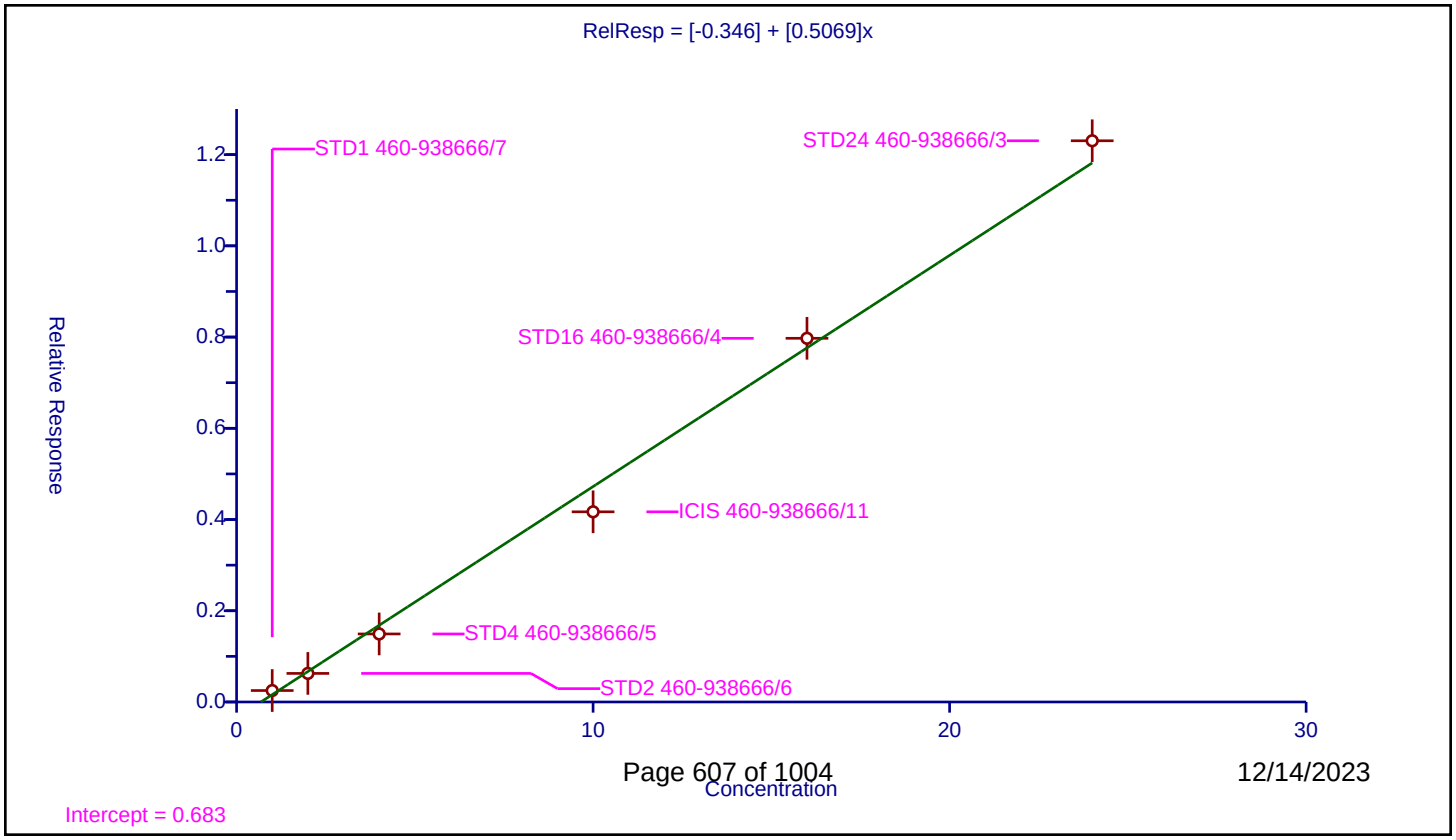
Curve Coefficients

Intercept:	-0.346
Slope:	0.5069

Error Coefficients

Standard Error:	848000
Relative Standard Error:	11.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.250906	8.0	943494.0	0.250906	Y
2	STD2 460-938666/6	2.0	0.626657	8.0	948168.0	0.313328	Y
3	STD4 460-938666/5	4.0	1.491384	8.0	887975.0	0.372846	Y
4	ICIS 460-938666/11	10.0	4.169184	8.0	889799.0	0.416918	Y
5	STD16 460-938666/4	16.0	7.973174	8.0	894050.0	0.498323	Y
6	STD24 460-938666/3	24.0	12.303657	8.0	880637.0	0.512652	Y



Calibration / 3,3'-Dichlorobenzidine

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

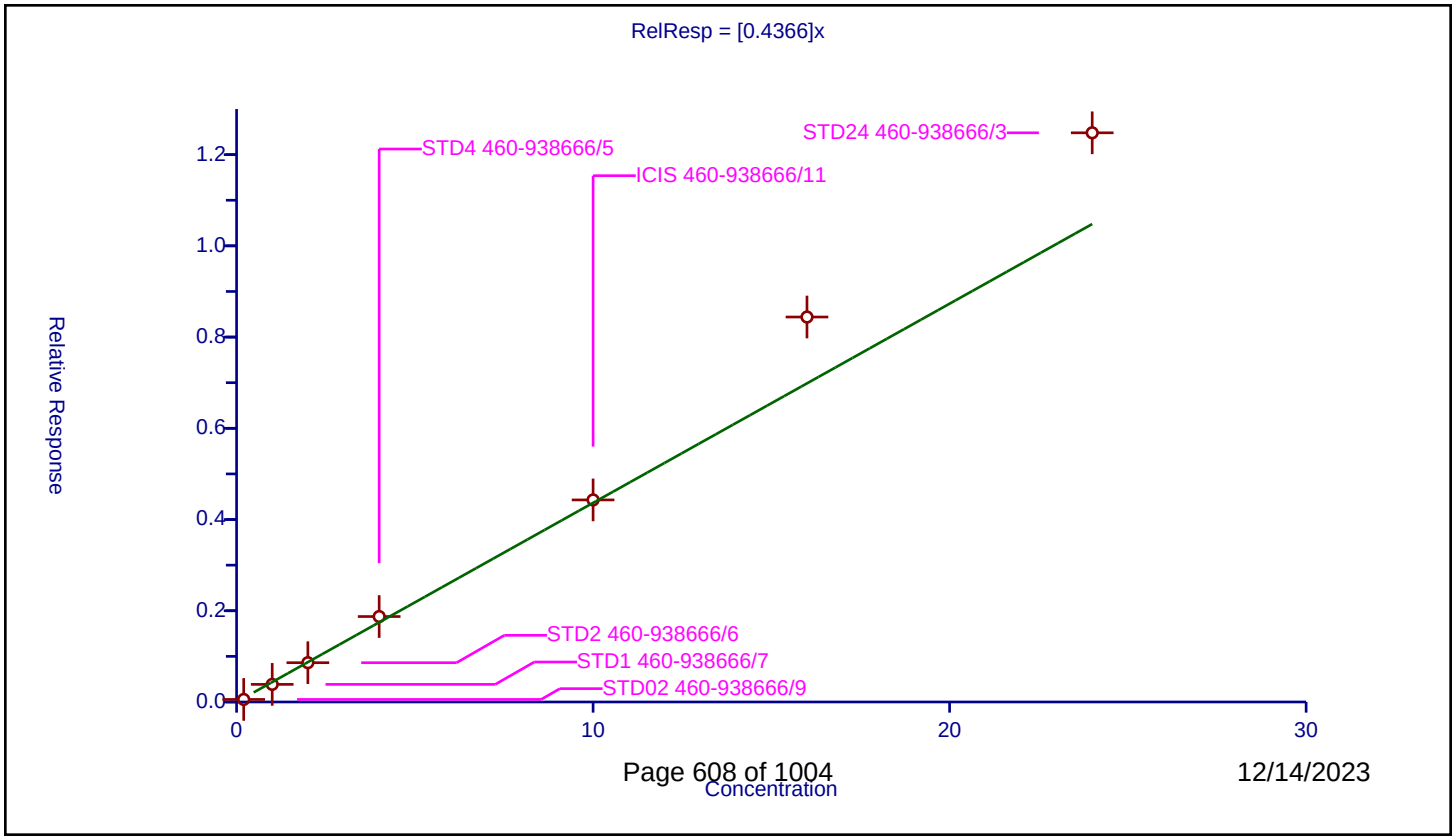
Curve Coefficients

Intercept:	0
Slope:	0.4366

Error Coefficients

Standard Error:	716000
Relative Standard Error:	19.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.056076	8.0	911329.0	0.280382	Y
2	STD1 460-938666/7	1.0	0.38608	8.0	943494.0	0.38608	Y
3	STD2 460-938666/6	2.0	0.861611	8.0	948168.0	0.430806	Y
4	STD4 460-938666/5	4.0	1.873638	8.0	887975.0	0.46841	Y
5	ICIS 460-938666/11	10.0	4.429962	8.0	889799.0	0.442996	Y
6	STD16 460-938666/4	16.0	8.439725	8.0	894050.0	0.527483	Y
7	STD24 460-938666/3	24.0	12.478458	8.0	880637.0	0.519936	Y



Calibration / Benzo[a]anthracene

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

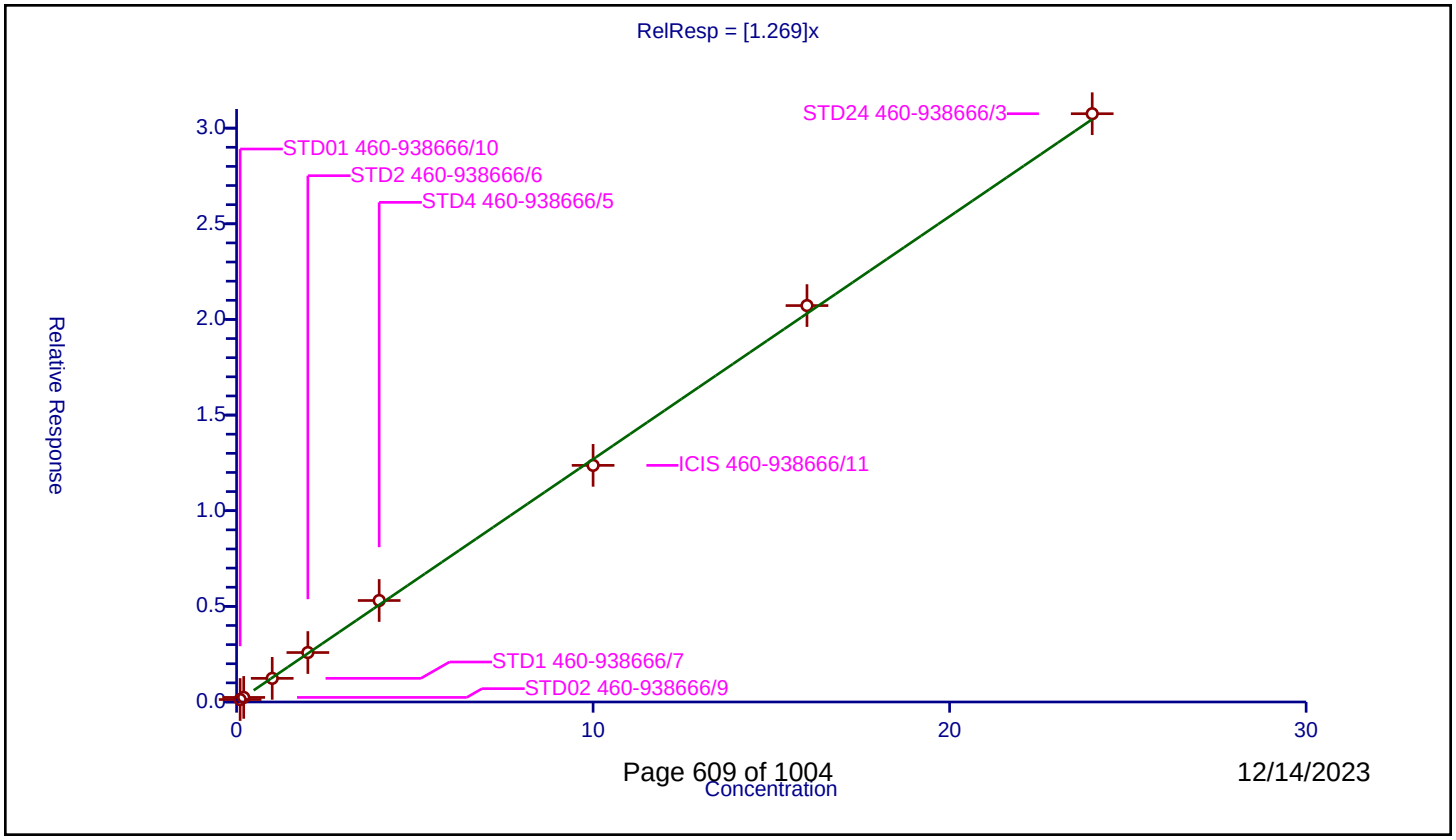
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.128768	8.0	873571.0	1.28768	Y
2	STD02 460-938666/9	0.2	0.239545	8.0	911329.0	1.197723	Y
3	STD1 460-938666/7	1.0	1.236434	8.0	943494.0	1.236434	Y
4	STD2 460-938666/6	2.0	2.585255	8.0	948168.0	1.292627	Y
5	STD4 460-938666/5	4.0	5.305438	8.0	887975.0	1.326359	Y
6	ICIS 460-938666/11	10.0	12.370398	8.0	889799.0	1.23704	Y
7	STD16 460-938666/4	16.0	20.724577	8.0	894050.0	1.295286	Y
8	STD24 460-938666/3	24.0	30.755147	8.0	880637.0	1.281464	Y



Calibration / Chrysene

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

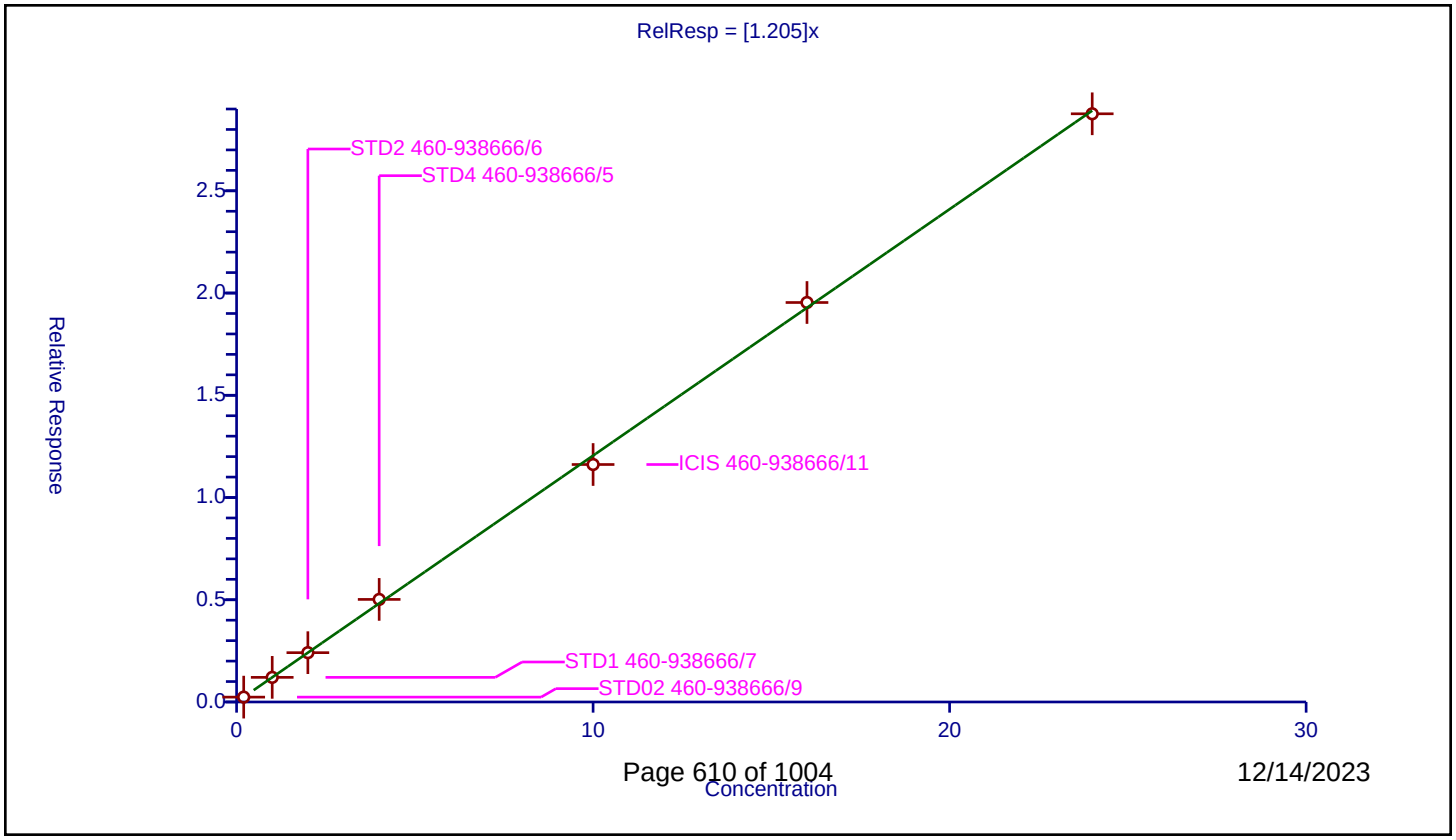
Curve Coefficients

Intercept:	0
Slope:	1.205

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	2.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.238026	8.0	911329.0	1.19013	Y
2	STD1 460-938666/7	1.0	1.204052	8.0	943494.0	1.204052	Y
3	STD2 460-938666/6	2.0	2.411539	8.0	948168.0	1.205769	Y
4	STD4 460-938666/5	4.0	5.016402	8.0	887975.0	1.254101	Y
5	ICIS 460-938666/11	10.0	11.613715	8.0	889799.0	1.161372	Y
6	STD16 460-938666/4	16.0	19.537458	8.0	894050.0	1.221091	Y
7	STD24 460-938666/3	24.0	28.766114	8.0	880637.0	1.198588	Y



Calibration / Bis(2-ethylhexyl) phthalate

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

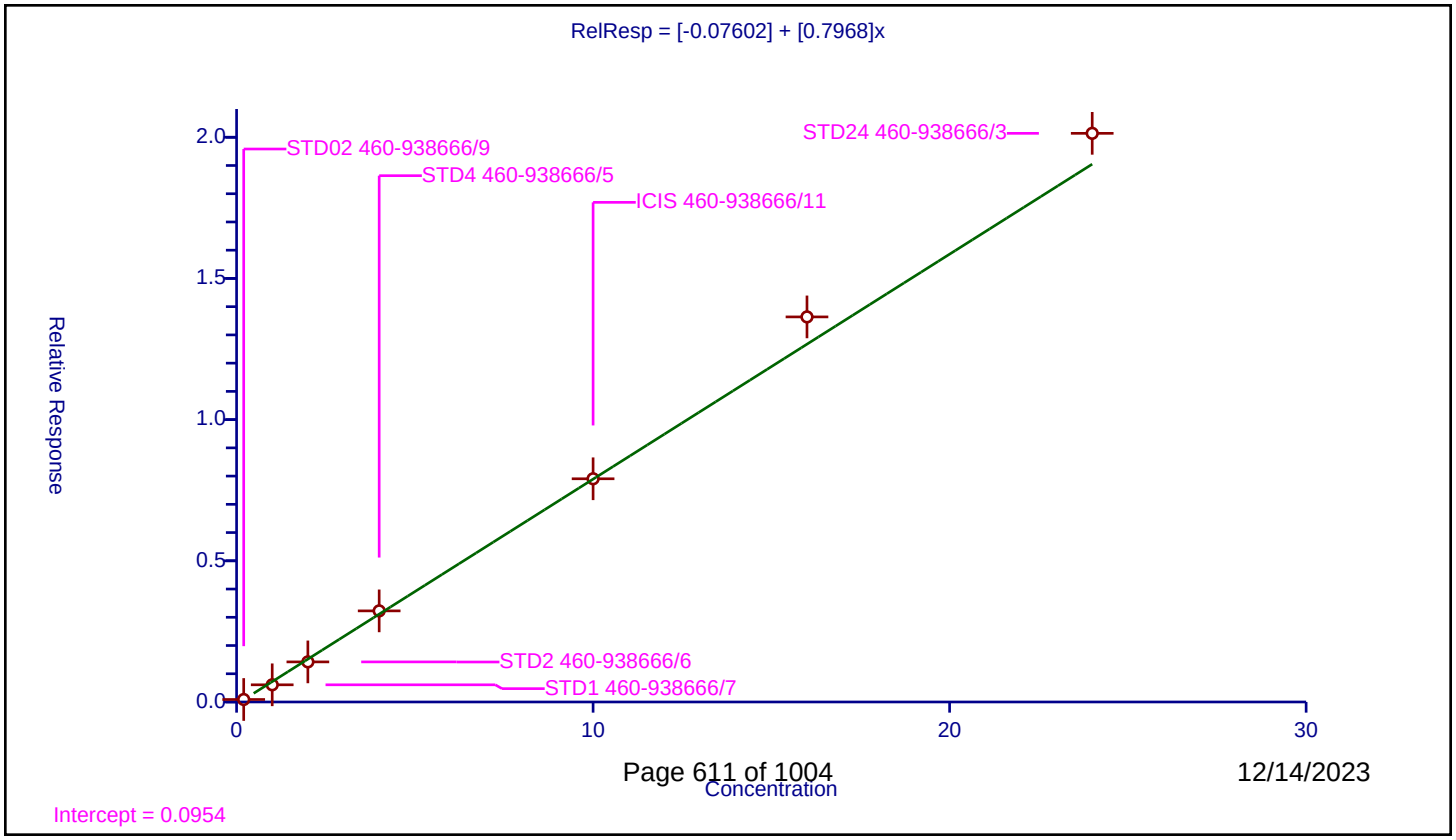
Curve Coefficients

Intercept:	-0.07602
Slope:	0.7968

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-938666/9	0.2	0.088267	8.0	911329.0	0.441333	Y
2	STD1 460-938666/7	1.0	0.608826	8.0	943494.0	0.608826	Y
3	STD2 460-938666/6	2.0	1.420162	8.0	948168.0	0.710081	Y
4	STD4 460-938666/5	4.0	3.226514	8.0	887975.0	0.806629	Y
5	ICIS 460-938666/11	10.0	7.905111	8.0	889799.0	0.790511	Y
6	STD16 460-938666/4	16.0	13.637492	8.0	894050.0	0.852343	Y
7	STD24 460-938666/3	24.0	20.138959	8.0	880637.0	0.839123	Y



Calibration / Di-n-octyl phthalate

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

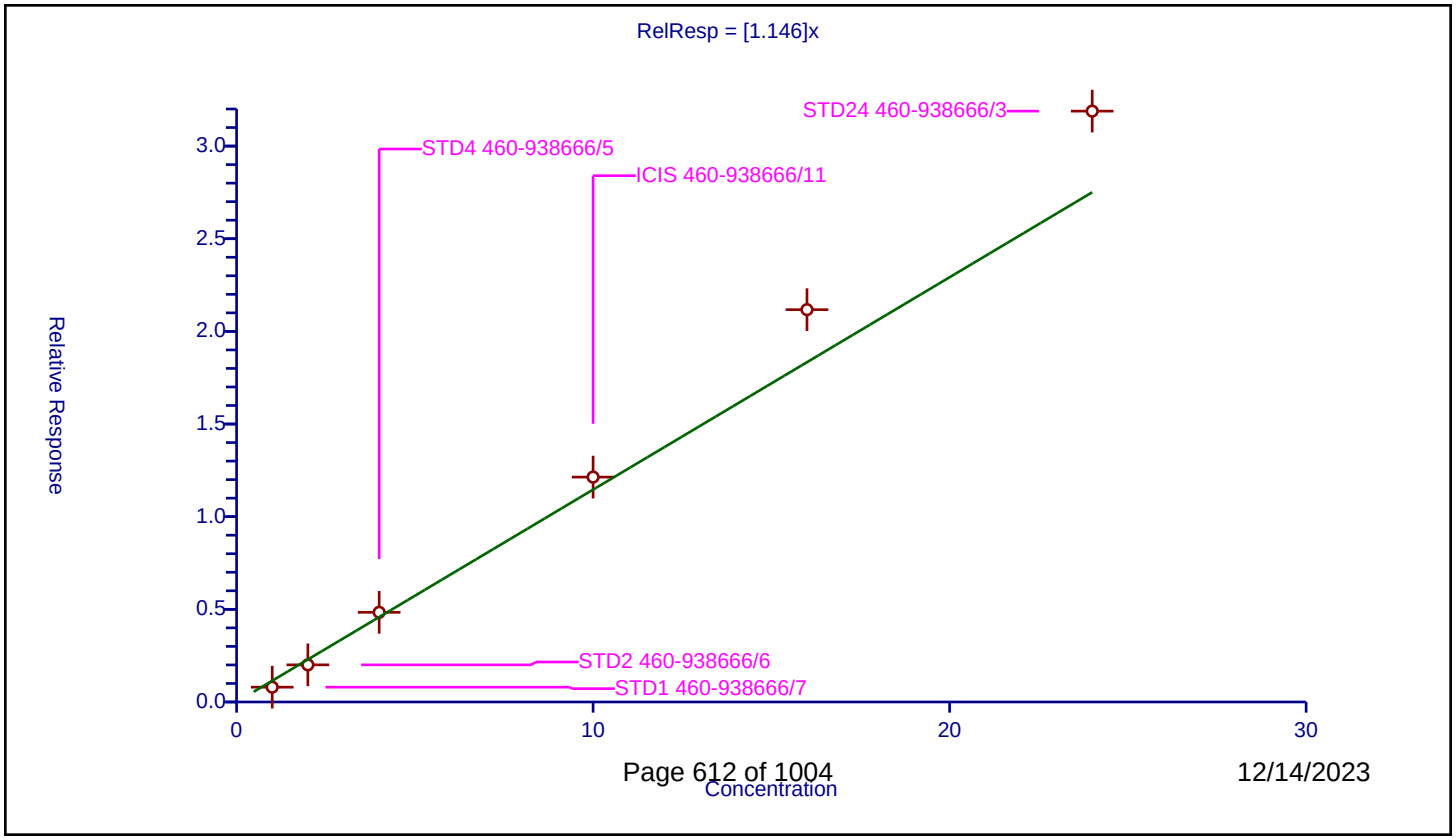
Curve Coefficients

Intercept:	0
Slope:	1.146

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	18.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	0.798853	8.0	1007534.0	0.798853	Y
2	STD2 460-938666/6	2.0	2.004307	8.0	988615.0	1.002154	Y
3	STD4 460-938666/5	4.0	4.838988	8.0	927708.0	1.209747	Y
4	ICIS 460-938666/11	10.0	12.136454	8.0	940535.0	1.213645	Y
5	STD16 460-938666/4	16.0	21.172138	8.0	967640.0	1.323259	Y
6	STD24 460-938666/3	24.0	31.886522	8.0	942137.0	1.328605	Y



Calibration / Benzo[b]fluoranthene

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

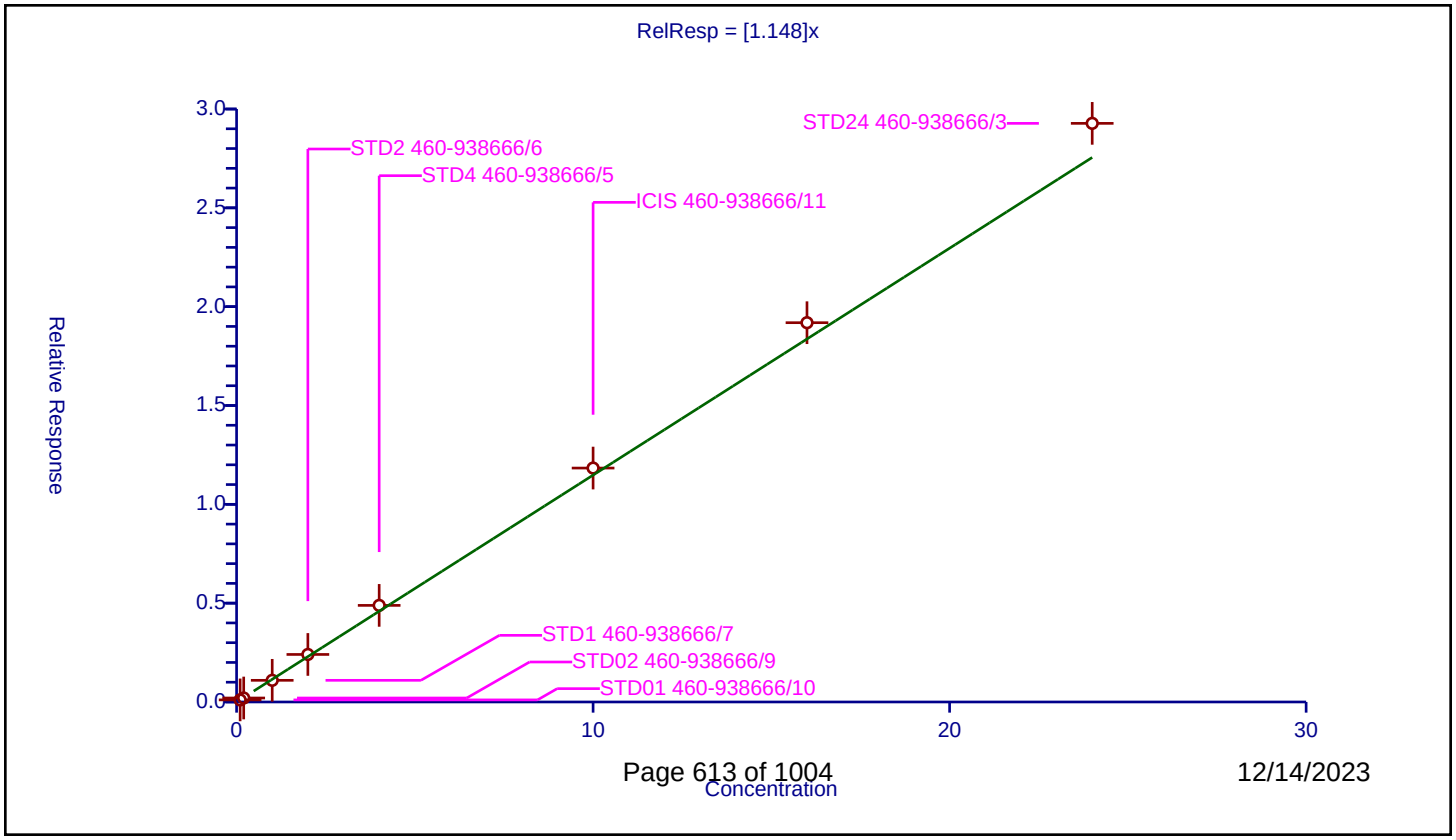
Curve Coefficients

Intercept:	0
Slope:	1.148

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.105328	8.0	915840.0	1.053284	Y
2	STD02 460-938666/9	0.2	0.201345	8.0	960301.0	1.006726	Y
3	STD1 460-938666/7	1.0	1.095903	8.0	1007534.0	1.095903	Y
4	STD2 460-938666/6	2.0	2.404778	8.0	988615.0	1.202389	Y
5	STD4 460-938666/5	4.0	4.887822	8.0	927708.0	1.221956	Y
6	ICIS 460-938666/11	10.0	11.835264	8.0	940535.0	1.183526	Y
7	STD16 460-938666/4	16.0	19.189856	8.0	967640.0	1.199366	Y
8	STD24 460-938666/3	24.0	29.274299	8.0	942137.0	1.219762	Y



Calibration / Benzo[k]fluoranthene

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

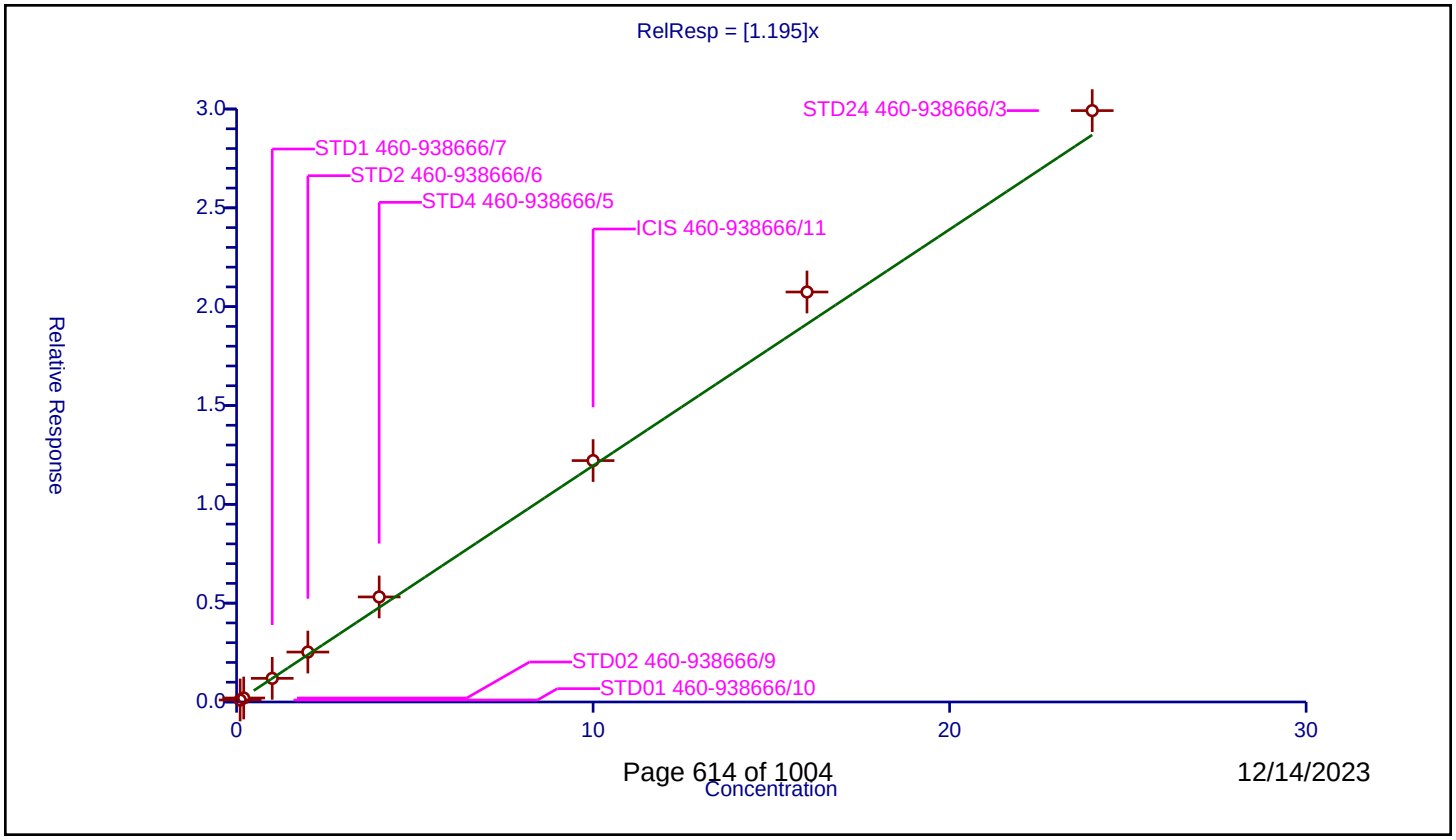
Curve Coefficients

Intercept:	0
Slope:	1.195

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.09993	8.0	915840.0	0.999301	Y
2	STD02 460-938666/9	0.2	0.202295	8.0	960301.0	1.011475	Y
3	STD1 460-938666/7	1.0	1.195775	8.0	1007534.0	1.195775	Y
4	STD2 460-938666/6	2.0	2.526355	8.0	988615.0	1.263177	Y
5	STD4 460-938666/5	4.0	5.31556	8.0	927708.0	1.32889	Y
6	ICIS 460-938666/11	10.0	12.212955	8.0	940535.0	1.221296	Y
7	STD16 460-938666/4	16.0	20.741995	8.0	967640.0	1.296375	Y
8	STD24 460-938666/3	24.0	29.919029	8.0	942137.0	1.246626	Y



Calibration / Benzo[a]pyrene

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

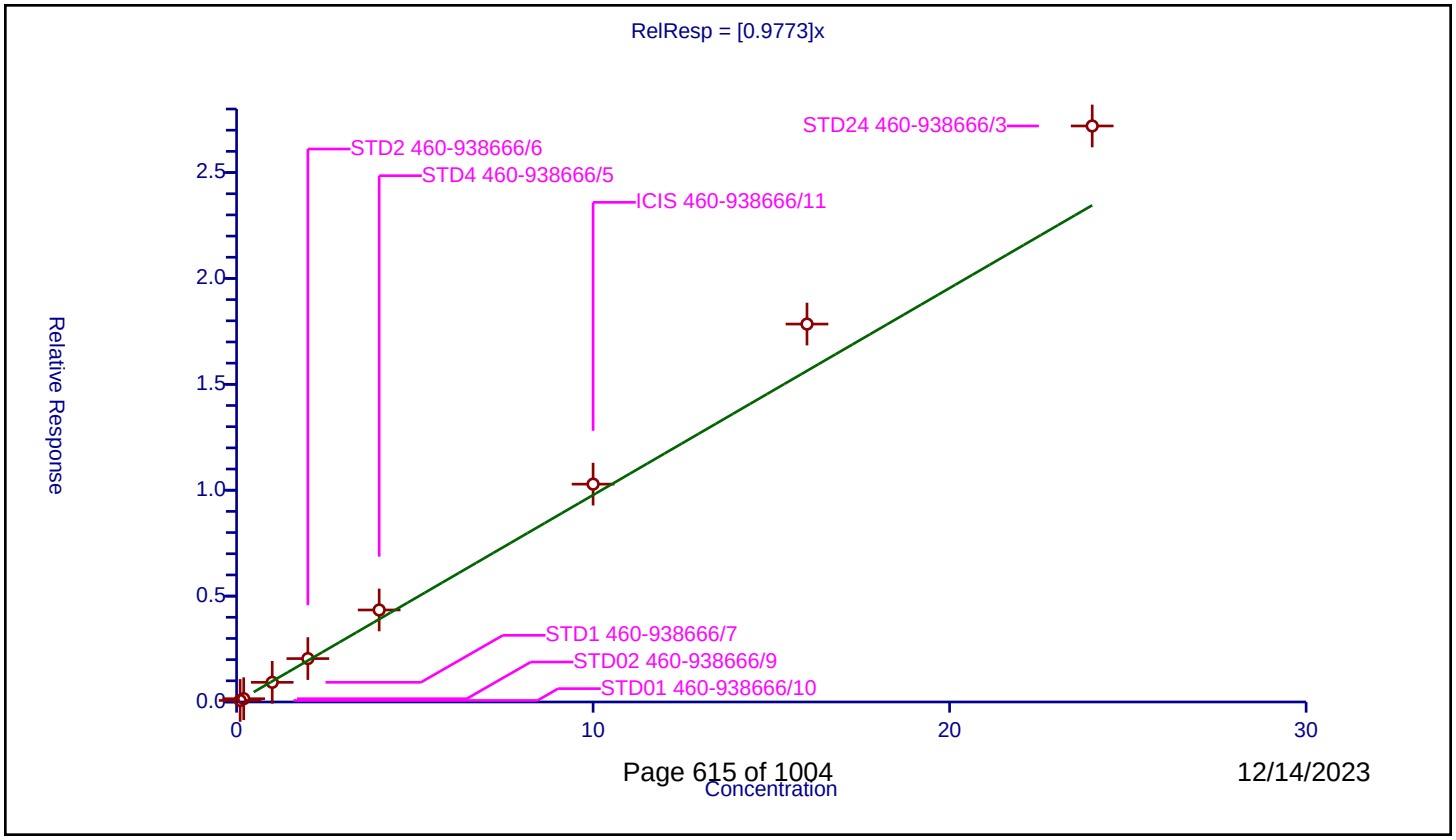
Curve Coefficients

Intercept:	0
Slope:	0.9773

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.072886	8.0	915840.0	0.728861	Y
2	STD02 460-938666/9	0.2	0.154543	8.0	960301.0	0.772716	Y
3	STD1 460-938666/7	1.0	0.928517	8.0	1007534.0	0.928517	Y
4	STD2 460-938666/6	2.0	2.049299	8.0	988615.0	1.02465	Y
5	STD4 460-938666/5	4.0	4.344332	8.0	927708.0	1.086083	Y
6	ICIS 460-938666/11	10.0	10.287047	8.0	940535.0	1.028705	Y
7	STD16 460-938666/4	16.0	17.846075	8.0	967640.0	1.11538	Y
8	STD24 460-938666/3	24.0	27.199144	8.0	942137.0	1.133298	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

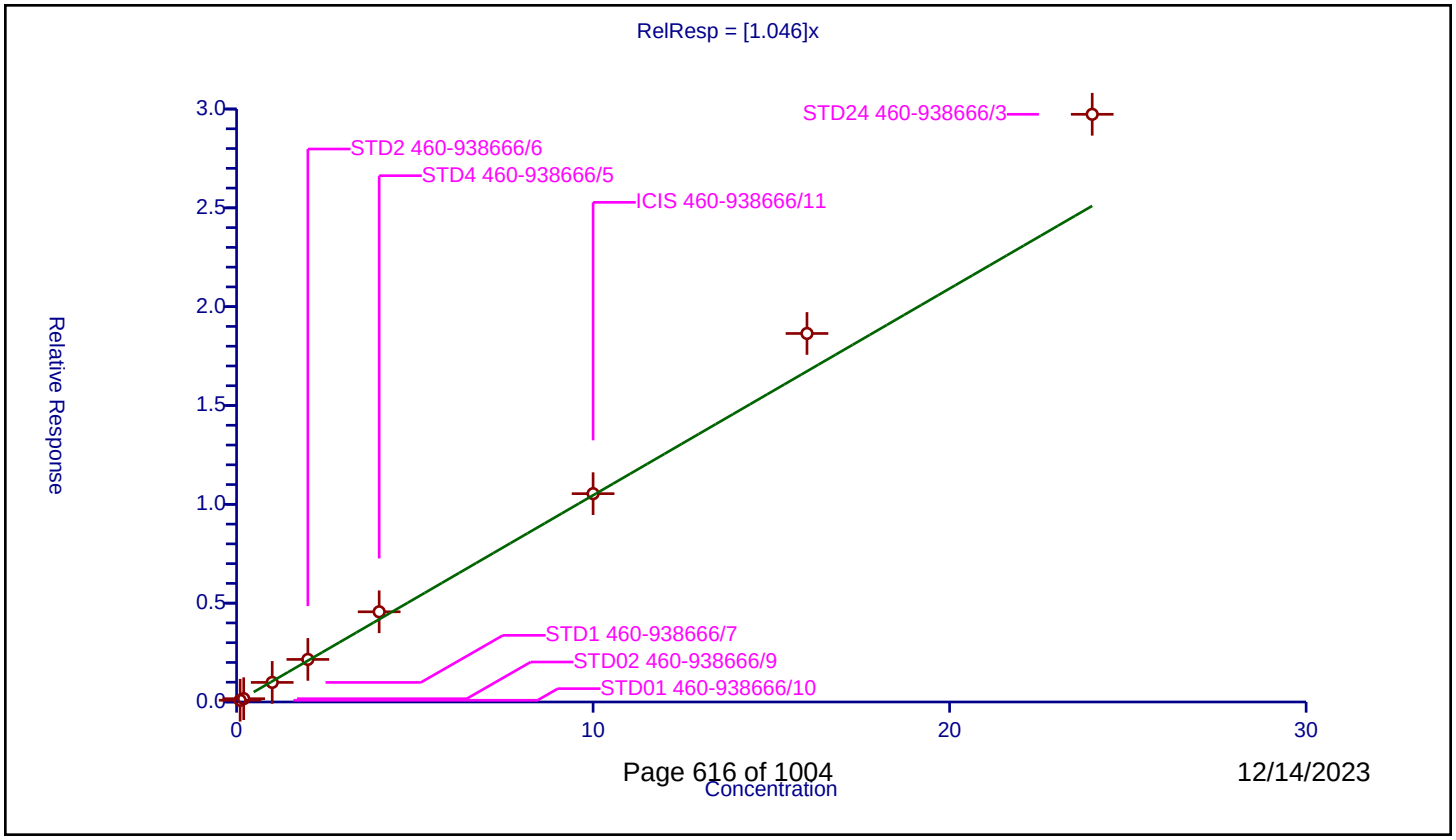
Curve Coefficients

Intercept:	0
Slope:	1.046

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	13.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.086609	8.0	915840.0	0.86609	Y
2	STD02 460-938666/9	0.2	0.166748	8.0	960301.0	0.833739	Y
3	STD1 460-938666/7	1.0	0.990863	8.0	1007534.0	0.990863	Y
4	STD2 460-938666/6	2.0	2.153542	8.0	988615.0	1.076771	Y
5	STD4 460-938666/5	4.0	4.563065	8.0	927708.0	1.140766	Y
6	ICIS 460-938666/11	10.0	10.540299	8.0	940535.0	1.05403	Y
7	STD16 460-938666/4	16.0	18.644554	8.0	967640.0	1.165285	Y
8	STD24 460-938666/3	24.0	29.73233	8.0	942137.0	1.238847	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

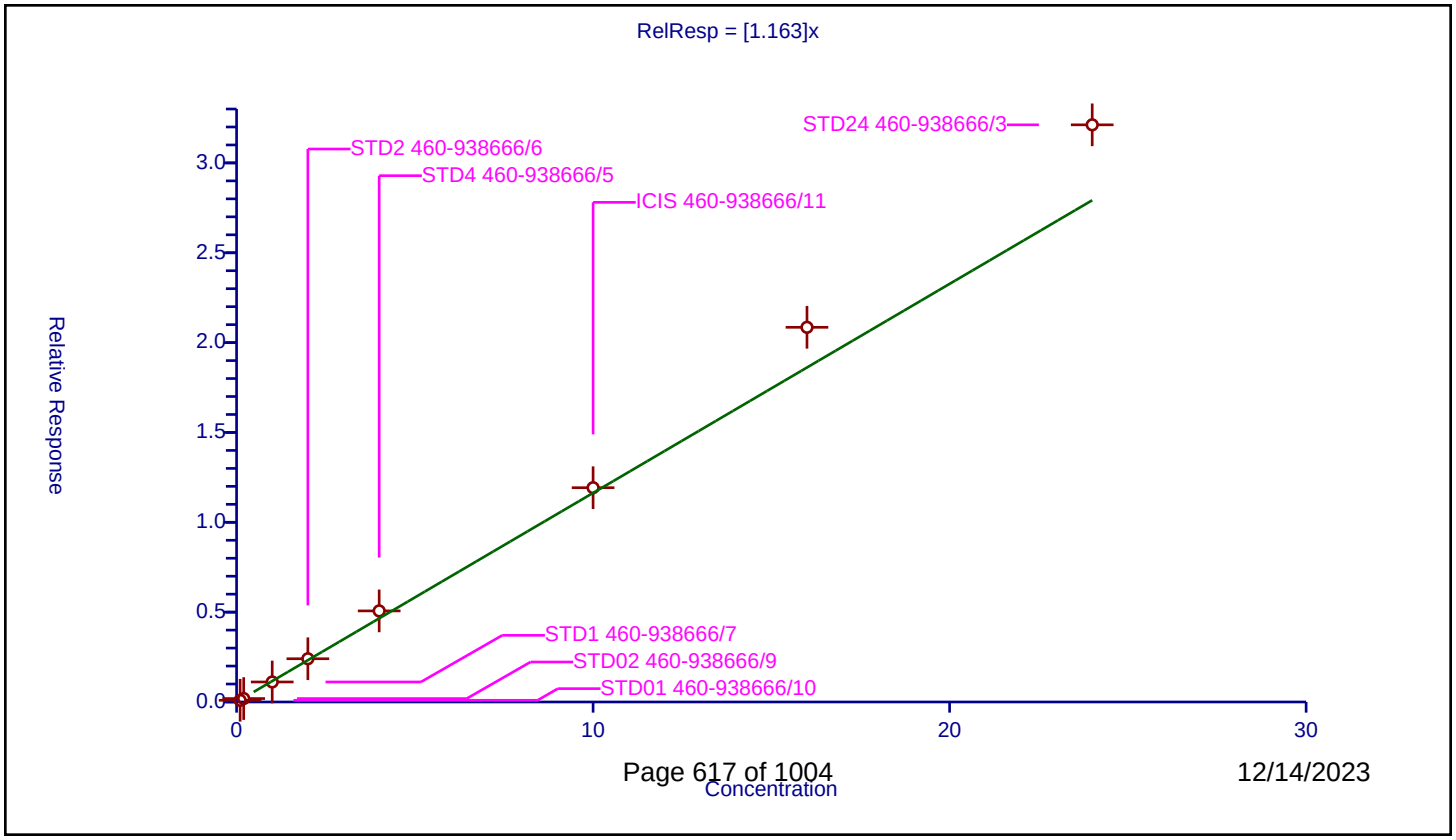
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	13.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-938666/10	0.1	0.093606	8.0	915840.0	0.936059	Y
2	STD02 460-938666/9	0.2	0.190557	8.0	960301.0	0.952785	Y
3	STD1 460-938666/7	1.0	1.114086	8.0	1007534.0	1.114086	Y
4	STD2 460-938666/6	2.0	2.406154	8.0	988615.0	1.203077	Y
5	STD4 460-938666/5	4.0	5.069121	8.0	927708.0	1.26728	Y
6	ICIS 460-938666/11	10.0	11.925187	8.0	940535.0	1.192519	Y
7	STD16 460-938666/4	16.0	20.851036	8.0	967640.0	1.30319	Y
8	STD24 460-938666/3	24.0	32.119643	8.0	942137.0	1.338318	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

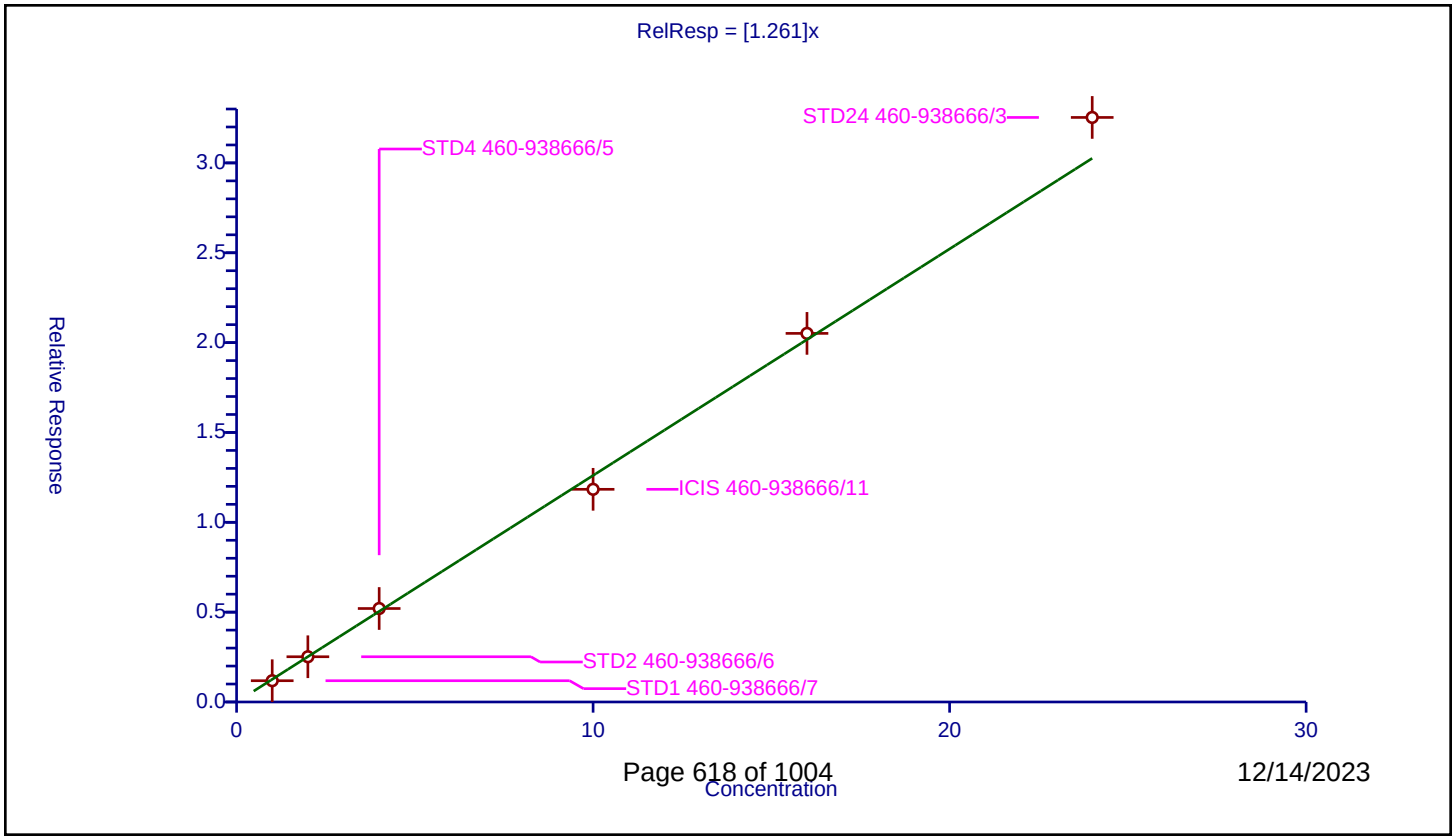
Curve Coefficients

Intercept:	0
Slope:	1.261

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	5.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-938666/7	1.0	1.183476	8.0	1007534.0	1.183476	Y
2	STD2 460-938666/6	2.0	2.517753	8.0	988615.0	1.258876	Y
3	STD4 460-938666/5	4.0	5.20174	8.0	927708.0	1.300435	Y
4	ICIS 460-938666/11	10.0	11.835587	8.0	940535.0	1.183559	Y
5	STD16 460-938666/4	16.0	20.513199	8.0	967640.0	1.282075	Y
6	STD24 460-938666/3	24.0	32.531388	8.0	942137.0	1.355474	Y



12/14/2023

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 460-938666/12 | Calibration Date: 10/17/2023 13:14

Instrument ID: CBNAMS16 | Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 10/17/2023 12:32

Lab File ID: A28078.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6582	0.6911		10500	10000	5.0	30.0
N-Nitrosodimethylamine	Ave	1.081	1.149		10600	10000	6.2	30.0
Pyridine	Ave	1.660	1.702		20500	20000	2.6	30.0
Benzaldehyde	Ave	1.351	1.428	0.0100	4230	4000	5.7	30.0
Phenol	Ave	1.960	2.037	0.8000	10400	10000	4.0	30.0
Aniline	Ave	2.341	2.462		10500	10000	5.1	30.0
Bis(2-chloroethyl)ether	Ave	1.531	1.582	0.7000	10300	10000	3.3	30.0
2-Chlorophenol	Ave	1.473	1.558	0.8000	10600	10000	5.8	30.0
n-Decane	Ave	2.167	2.294		10600	10000	5.9	30.0
1,3-Dichlorobenzene	Ave	1.622	1.699		10500	10000	4.8	30.0
1,4-Dichlorobenzene	Ave	1.653	1.758		10600	10000	6.4	30.0
Benzyl alcohol	Ave	0.9269	1.008		10900	10000	8.8	30.0
1,2-Dichlorobenzene	Ave	1.553	1.643	0.0100	10600	10000	5.8	30.0
2-Methylphenol	Ave	1.347	1.444	0.7000	10700	10000	7.2	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.575	2.680	0.0100	10400	10000	4.1	30.0
3 & 4 Methylphenol	Ave	1.554	1.650		10600	10000	6.2	30.0
4-Methylphenol	Ave	1.552	1.646	0.6000	10600	10000	6.1	30.0
N-Methylaniline	Ave	2.194	2.384		10900	10000	8.7	30.0
N-Nitrosodi-n-propylamine	Ave	1.136	1.230	0.5000	10800	10000	8.3	30.0
Acetophenone	Ave	2.105	2.214	0.0100	10500	10000	5.2	30.0
Hexachloroethane	Ave	0.5989	0.6224	0.3000	10400	10000	3.9	30.0
Nitrobenzene	Ave	0.6988	0.7658	0.2000	11000	10000	9.6	30.0
n,n'-Dimethylaniline	Ave	2.249	2.281		10100	10000	1.5	30.0
Isophorone	Ave	0.7506	0.8097	0.4000	10800	10000	7.9	30.0
2-Nitrophenol	Ave	0.1970	0.2102	0.1000	10700	10000	6.7	30.0
2,4-Dimethylphenol	Ave	0.3132	0.3349	0.2000	10700	10000	6.9	30.0
Benzoic acid	Lin1		0.2017		9350	10000	-6.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.4700	0.4952	0.3000	10500	10000	5.4	30.0
2,4-Dichlorophenol	Ave	0.2921	0.3123	0.2000	10700	10000	6.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3247	0.3408		10500	10000	5.0	30.0
Naphthalene	Ave	1.156	1.225	0.7000	10600	10000	6.0	30.0
4-Chloroaniline	Ave	0.4264	0.4673	0.0100	11000	10000	9.6	30.0
Hexachlorobutadiene	Ave	0.1708	0.1843	0.0100	10800	10000	7.9	30.0
Caprolactam	Lin2		0.0938	0.0100	4160	4000	3.9	30.0
4-Chloro-3-methylphenol	Ave	0.2938	0.3107	0.2000	10600	10000	5.7	30.0
2-Methylnaphthalene	Ave	0.7102	0.7520	0.4000	10600	10000	5.9	30.0
1-Methylnaphthalene	Ave	0.6544	0.6980		10700	10000	6.7	30.0
Hexachlorocyclopentadiene	Ave	0.4244	0.4508	0.0500	10600	10000	6.2	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6219	0.6595	0.0100	10600	10000	6.1	30.0
2-tertbutyl-4-methylphenol	Ave	0.3974	0.4164		10500	10000	4.8	30.0
2,4,6-Trichlorophenol	Ave	0.3736	0.4121	0.2000	11000	10000	10.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 460-938666/12 | Calibration Date: 10/17/2023 13:14

Instrument ID: CBNAMS16 | Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 10/17/2023 12:32

Lab File ID: A28078.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	0.4224	0.4561	0.2000	10800	10000	8.0	30.0
1,1'-Biphenyl	Ave	1.698	1.811	0.0100	10700	10000	6.6	30.0
2-Chloronaphthalene	Ave	1.292	1.363	0.8000	10500	10000	5.5	30.0
Phenyl ether	Ave	0.8902	0.8840		9930	10000	-0.7	30.0
2-Nitroaniline	Ave	0.5110	0.5505	0.0100	10800	10000	7.7	30.0
1,3-Dimethylnaphthalene	Ave	1.010	1.017		10100	10000	0.7	30.0
Dimethyl phthalate	Ave	1.367	1.405	0.0100	10300	10000	2.8	30.0
Coumarin	Ave	0.2260	0.2220		9820	10000	-1.8	30.0
2,6-Dinitrotoluene	Ave	0.3047	0.3286	0.2000	10800	10000	7.8	30.0
Acenaphthylene	Ave	2.105	2.176	0.9000	10300	10000	3.3	30.0
3-Nitroaniline	Ave	0.3497	0.3739	0.0100	10700	10000	6.9	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.088	1.109		10200	10000	1.9	30.0
Acenaphthene	Ave	1.241	1.291	0.9000	10400	10000	4.0	30.0
2,4-Dinitrophenol	Ave	0.1910	0.2130	0.0100	22300	20000	11.5	30.0
4-Nitrophenol	Ave	0.2933	0.3100	0.0100	21100	20000	5.7	30.0
2,4-Dinitrotoluene	Ave	0.3787	0.4226	0.2000	11200	10000	11.6	30.0
Dibenzofuran	Ave	1.806	1.872	0.8000	10400	10000	3.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3292	0.3507	0.0100	10700	10000	6.5	30.0
Diethyl phthalate	Ave	1.319	1.342	0.0100	10200	10000	1.8	30.0
Fluorene	Ave	1.450	1.516	0.9000	10500	10000	4.5	30.0
4-Chlorophenyl phenyl ether	Ave	0.6719	0.7051	0.4000	10500	10000	4.9	30.0
4-Nitroaniline	Ave	0.3509	0.3740	0.0100	10700	10000	6.6	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1365	0.1574	0.0100	23100	20000	15.3	30.0
N-Nitrosodiphenylamine	Ave	0.5874	0.6308	0.0100	10700	10000	7.4	30.0
1,2-Diphenylhydrazine	Ave	0.9501	1.058		11100	10000	11.4	30.0
Azobenzene	Ave	0.9501	1.058		11100	10000	11.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2096	0.2146	0.1000	10200	10000	2.4	30.0
Hexachlorobenzene	Ave	0.2738	0.2947	0.1000	10800	10000	7.6	30.0
Atrazine	Ave	0.1783	0.2091	0.0100	4690	4000	17.3	30.0
Pentachlorophenol	Ave	0.1647	0.1865	0.0500	22600	20000	13.2	30.0
Pentachloronitrobenzene	Ave	0.0859	0.0910	0.0100	10600	10000	6.0	30.0
n-Octadecane	Ave	0.6556	0.7185		11000	10000	9.6	30.0
Phenanthrene	Ave	1.136	1.212	0.7000	10700	10000	6.7	30.0
Anthracene	Ave	1.155	1.244	0.7000	10800	10000	7.7	30.0
Carbazole	Ave	1.029	1.099	0.0100	10700	10000	6.8	30.0
Di-n-butyl phthalate	Ave	1.153	1.294	0.0100	11200	10000	12.2	30.0
Fluoranthene	Ave	1.092	1.204	0.6000	11000	10000	10.3	30.0
Benzidine	Ave	0.5479	0.6194		11300	10000	13.1	30.0
Pyrene	Ave	1.423	1.520	0.6000	10700	10000	6.8	30.0
Bisphenol-A	Lin2		0.5232		10100	10000	1.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 460-938666/12 Calibration Date: 10/17/2023 13:14

Instrument ID: CBNAMS16 Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/17/2023 12:32

Lab File ID: A28078.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5440	0.6260	0.0100	11500	10000	15.1	30.0
Carbamazepine	Lin1		0.4316		9200	10000	-8.0	30.0
3,3'-Dichlorobenzidine	Ave	0.4366	0.5110	0.0100	11700	10000	17.0	30.0
Benzo[a]anthracene	Ave	1.269	1.363	0.8000	10700	10000	7.4	30.0
Chrysene	Ave	1.205	1.287	0.7000	10700	10000	6.8	30.0
Bis(2-ethylhexyl) phthalate	Lin2		0.8669	0.0100	11000	10000	9.7	30.0
Di-n-octyl phthalate	Ave	1.146	1.324	0.0100	11600	10000	15.5	30.0
Benzo[b]fluoranthene	Ave	1.148	1.252		10900	10000	9.1	30.0
Benzo[k]fluoranthene	Ave	1.195	1.358	0.7000	11400	10000	13.6	30.0
Benzo[a]pyrene	Ave	0.9773	1.182	0.7000	12100	10000	20.9	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.046	1.212	0.5000	11600	10000	15.9	30.0
Dibenz(a,h)anthracene	Ave	1.163	1.320	0.4000	11300	10000	13.4	30.0
Benzo[g,h,i]perylene	Ave	1.261	1.335	0.5000	10600	10000	5.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28078.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Oct-2023 13:14:30 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-012
Operator ID: Instrument ID: CBNAMS16
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:55:10 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 13:56:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.821	1.829	-0.010	99	299091	10.0	10.5	
	2 N-Nitrosodimethylamine	74	2.031	2.036	-0.007	88	497187	10.0	10.6	
	3 Pyridine	79	2.066	2.075	-0.010	89	1473329	20.0	20.5	
	5 Benzaldehyde	77	3.983	3.983	-0.003	95	247296	4.00	4.23	E
	7 Phenol	94	4.044	4.044	-0.003	99	881767	10.0	10.4	
	8 Aniline	93	4.085	4.082	0.000	100	1065387	10.0	10.5	
	9 Bis(2-chloroethyl)ether	93	4.146	4.143	0.000	93	684649	10.0	10.3	
	10 Benzonitrile	103	4.162	4.162	-0.003	99	1257612	NC	NC	
	11 2-Chlorophenol	128	4.197	4.197	-0.003	92	674315	10.0	10.6	
	12 n-Decane	43	4.252	4.249	0.000	94	992797	10.0	10.6	
	13 1,3-Dichlorobenzene	146	4.351	4.348	0.000	94	735202	10.0	10.5	
*	14 1,4-Dichlorobenzene-d4	152	4.402	4.405	-0.003	97	346243	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.421	4.418	0.000	93	760851	10.0	10.6	
	17 Benzyl alcohol	108	4.530	4.526	0.000	92	436394	10.0	10.9	
	18 1,2-Dichlorobenzene	146	4.565	4.562	0.000	95	711249	10.0	10.6	
	19 2-Methylphenol	108	4.632	4.629	0.000	88	624892	10.0	10.7	
	20 2,2'-oxybis[1-chloropropane]	45	4.667	4.661	0.003	94	1159750	10.0	10.4	
	21 N-Methylaniline	106	4.779	4.779	0.000	79	1031703	10.0	10.9	
	24 3 & 4 Methylphenol	108	4.779	4.779	-0.003	0	714327	10.0	10.6	
	25 4-Methylphenol	108	4.779	4.779	-0.003	84	712523	10.0	10.6	
	23 N-Nitrosodi-n-propylamine	70	4.786	4.785	-0.003	92	532558	10.0	10.8	
	22 Acetophenone	105	4.789	4.785	0.000	90	958379	10.0	10.5	
	26 Hexachloroethane	117	4.888	4.887	-0.003	95	269373	10.0	10.4	
	28 Nitrobenzene	123	4.949	4.949	0.000	92	331461	10.0	11.0	
	29 n,n'-Dimethylaniline	120	4.952	4.951	-0.003	93	987400	10.0	10.1	
	30 Isophorone	82	5.179	5.179	0.000	99	1302157	10.0	10.8	
	31 2-Nitrophenol	139	5.252	5.252	0.000	87	338019	10.0	10.7	
	33 2,4-Dimethylphenol	122	5.294	5.294	0.000	90	538632	10.0	10.7	
	35 Benzoic acid	122	5.374	5.374	0.000	90	324317	10.0	9.35	
	34 Bis(2-chloroethoxy)methane	93	5.390	5.390	0.000	97	796304	10.0	10.5	
	36 2,4-Dichlorophenol	162	5.479	5.479	0.000	94	502183	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
37 1,2,4-Trichlorobenzene	180	5.566	5.566	0.000	94	548099	10.0	10.5	
* 38 Naphthalene-d8	136	5.620	5.620	0.000	99	1286527	8.00	8.00	
39 Naphthalene	128	5.639	5.639	0.000	99	1969737	10.0	10.6	
40 4-Chloroaniline	127	5.690	5.690	0.000	96	751414	10.0	11.0	
41 2,6-Dichlorophenol	162	5.697	5.697	0.000	95	490058	10.0	10.5	
43 Hexachlorobutadiene	225	5.761	5.761	0.000	95	296412	10.0	10.8	
44 Caprolactam	113	6.004	6.004	0.000	90	60326	4.00	4.16	
45 4-Chloro-3-methylphenol	107	6.151	6.151	0.000	97	499590	10.0	10.6	
46 2-Methylnaphthalene	142	6.301	6.301	0.000	84	1209348	10.0	10.6	
47 1-Methylnaphthalene	142	6.394	6.394	0.000	93	1122532	10.0	10.7	
48 Hexachlorocyclopentadiene	237	6.452	6.451	0.001	97	356749	10.0	10.6	
49 1,2,4,5-Tetrachlorobenzene	216	6.458	6.458	0.000	96	521906	10.0	10.6	
50 2-tertbutyl-4-methylphenol	149	6.490	6.490	0.000	91	669705	10.0	10.5	
51 2,4,6-Trichlorophenol	196	6.564	6.563	0.001	89	326144	10.0	11.0	
52 2,4,5-Trichlorophenol	196	6.596	6.595	0.001	97	360892	10.0	10.8	
54 1,1'-Biphenyl	154	6.743	6.746	-0.003	96	1432820	10.0	10.7	
55 2-Chloronaphthalene	162	6.759	6.759	0.000	99	1078959	10.0	10.5	
56 Phenyl ether	170	6.845	6.845	0.000	90	699558	10.0	9.93	
57 2-Nitroaniline	65	6.855	6.855	0.000	95	435629	10.0	10.8	
58 1,3-Dimethylnaphthalene	156	6.970	6.970	0.000	91	804824	10.0	10.1	
59 Dimethyl phthalate	163	7.037	7.037	0.000	98	1111793	10.0	10.3	
60 Coumarin	146	7.050	7.050	0.000	79	357003	10.0	9.82	
61 2,6-Dinitrotoluene	165	7.088	7.088	0.000	94	260043	10.0	10.8	
62 Acenaphthylene	152	7.152	7.152	0.000	97	1721842	10.0	10.3	
63 3-Nitroaniline	138	7.242	7.242	0.000	93	295913	10.0	10.7	
* 64 Acenaphthene-d10	164	7.287	7.287	0.000	97	633070	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.315	7.315	0.000	98	877570	10.0	10.2	
66 Acenaphthene	154	7.315	7.315	0.000	97	1021541	10.0	10.4	
67 2,4-Dinitrophenol	184	7.344	7.341	0.003	93	337118	20.0	22.3	
68 4-Nitrophenol	65	7.399	7.399	0.000	94	490594	20.0	21.1	
69 2,4-Dinitrotoluene	165	7.466	7.466	0.000	94	334430	10.0	11.2	
70 Dibenzofuran	168	7.482	7.482	0.000	96	1481068	10.0	10.4	
71 2,3,4,6-Tetrachlorophenol	232	7.594	7.594	0.000	93	277561	10.0	10.7	
72 Diethyl phthalate	149	7.709	7.709	0.000	98	1062221	10.0	10.2	
73 Fluorene	166	7.805	7.805	0.000	95	1199429	10.0	10.5	
74 4-Chlorophenyl phenyl ether	204	7.808	7.808	0.000	89	557950	10.0	10.5	
75 4-Nitroaniline	138	7.818	7.818	0.000	96	295951	10.0	10.7	
76 4,6-Dinitro-2-methylphenol	198	7.850	7.850	0.000	81	406459	20.0	23.1	
78 N-Nitrosodiphenylamine	169	7.921	7.917	0.004	81	814304	10.0	10.7	
144 Azobenzene	77	7.959	7.959	0.000	0	1365929	10.0	11.1	
79 1,2-Diphenylhydrazine	77	7.959	7.959	0.000	51	1365929	10.0	11.1	
81 4-Bromophenyl phenyl ether	248	8.269	8.269	0.000	88	277025	10.0	10.2	
82 Hexachlorobenzene	284	8.324	8.324	0.000	96	380429	10.0	10.8	
83 Atrazine	200	8.426	8.426	0.000	89	107990	4.00	4.69	
84 Pentachlorophenol	266	8.506	8.506	0.000	95	481475	20.0	22.6	
85 Pentachloronitrobenzene	237	8.522	8.522	0.000	90	117492	10.0	10.6	
87 n-Octadecane	57	8.612	8.612	0.000	93	927428	10.0	11.0	
* 88 Phenanthrene-d10	188	8.685	8.685	0.000	99	1032697	8.00	8.00	
89 Phenanthrene	178	8.711	8.708	0.003	98	1564037	10.0	10.7	
90 Anthracene	178	8.756	8.759	-0.003	98	1606291	10.0	10.8	
91 Carbazole	167	8.909	8.909	0.000	96	1418327	10.0	10.7	
92 Di-n-butyl phthalate	149	9.258	9.258	0.000	100	1670760	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.830	9.830	0.000	97	1554042	10.0	11.0	
94 Benzidine	184	9.961	9.961	0.000	99	799625	10.0	11.3	
95 Pyrene	202	10.044	10.044	0.000	96	1607090	10.0	10.7	
96 Bisphenol-A	213	10.096	10.099	-0.003	98	553315	10.0	10.1	
98 Butyl benzyl phthalate	149	10.713	10.713	0.000	98	662046	10.0	11.5	
100 Carbamazepine	193	10.806	10.809	-0.003	93	456496	10.0	9.20	
101 3,3'-Dichlorobenzidine	252	11.276	11.276	0.000	100	540435	10.0	11.7	
102 Benzo[a]anthracene	228	11.296	11.296	0.001	100	1441143	10.0	10.7	
* 103 Chrysene-d12	240	11.308	11.308	0.000	99	846074	8.00	8.00	
104 Chrysene	228	11.337	11.337	0.000	98	1360773	10.0	10.7	
105 Bis(2-ethylhexyl) phthalate	149	11.379	11.382	-0.003	90	916793	10.0	11.0	
106 Di-n-octyl phthalate	149	12.220	12.217	0.000	97	1498397	10.0	11.6	
107 Benzo[b]fluoranthene	252	12.662	12.659	0.001	98	1416993	10.0	10.9	
108 Benzo[k]fluoranthene	252	12.700	12.697	0.000	99	1536698	10.0	11.4	
109 Benzo[a]pyrene	252	13.107	13.104	0.001	96	1337449	10.0	12.1	
* 110 Perylene-d12	264	13.184	13.186	-0.002	100	905485	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.736	14.732	0.001	99	1371891	10.0	11.6	
112 Dibenz(a,h)anthracene	278	14.784	14.780	0.001	99	1493655	10.0	11.3	
113 Benzo[g,h,i]perylene	276	15.162	15.158	0.001	96	1511583	10.0	10.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 17-Oct-2023 13:56:09 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28078.D

Injection Date: 17-Oct-2023 13:14:30 Instrument ID: CBNAMS16 Operator ID:

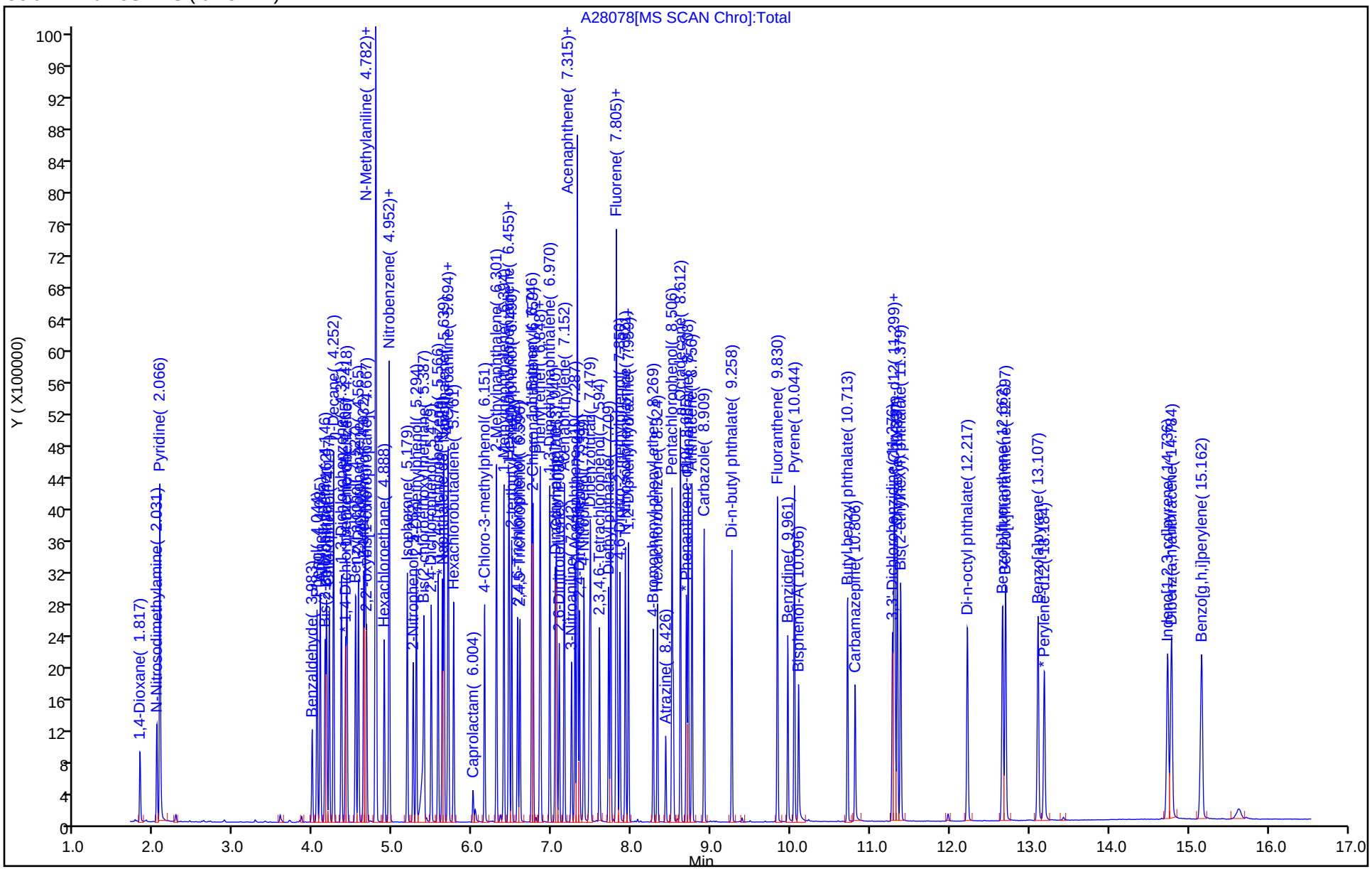
Lims ID: ICV Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8270LVI_16 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 460-949020/2 | Calibration Date: 12/09/2023 15:46

Instrument ID: CBNAMS16 | Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 10/17/2023 12:32

Lab File ID: A29336.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6582	0.5837		8870	10000	-11.3	20.0
N-Nitrosodimethylamine	Ave	1.081	0.8922		8250	10000	-17.5	20.0
Pyridine	Ave	1.660	1.292		15600	20000	-22.1*	20.0
Benzaldehyde	Ave	1.351	0.5652	0.0100	1670	4000	-58.2*	20.0
Phenol	Ave	1.960	1.932	0.8000	9860	10000	-1.4	20.0
Aniline	Ave	2.341	2.024		8640	10000	-13.6	20.0
Bis(2-chloroethyl)ether	Ave	1.531	1.427	0.7000	9320	10000	-6.8	20.0
2-Chlorophenol	Ave	1.473	1.439	0.8000	9770	10000	-2.3	20.0
n-Decane	Ave	2.167	1.622		7490	10000	-25.1*	20.0
1,3-Dichlorobenzene	Ave	1.622	1.526		9410	10000	-5.9	20.0
1,4-Dichlorobenzene	Ave	1.653	1.541		9330	10000	-6.7	20.0
Benzyl alcohol	Ave	0.9269	0.8728		9420	10000	-5.8	20.0
1,2-Dichlorobenzene	Ave	1.553	1.468	0.0100	9450	10000	-5.5	20.0
2-Methylphenol	Ave	1.347	1.262	0.7000	9370	10000	-6.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.575	2.069	0.0100	8040	10000	-19.6	20.0
N-Methylaniline	Ave	2.194	2.254		10300	10000	2.7	20.0
Acetophenone	Ave	2.105	2.000	0.0100	9500	10000	-5.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.136	1.054	0.5000	9270	10000	-7.3	20.0
3 & 4 Methylphenol	Ave	1.554	1.396		8980	10000	-10.2	20.0
4-Methylphenol	Ave	1.552	1.359	0.6000	8760	10000	-12.4	20.0
Hexachloroethane	Ave	0.5989	0.5596	0.3000	9340	10000	-6.6	20.0
Nitrobenzene	Ave	0.6988	0.7269	0.2000	10400	10000	4.0	20.0
n,n'-Dimethylaniline	Ave	2.249	2.251		10000	10000	0.1	20.0
Isophorone	Ave	0.7506	0.7108	0.4000	9470	10000	-5.3	20.0
2-Nitrophenol	Ave	0.1970	0.1998	0.1000	10100	10000	1.4	20.0
2,4-Dimethylphenol	Ave	0.3132	0.2923	0.2000	9330	10000	-6.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4700	0.4346	0.3000	9250	10000	-7.5	20.0
Benzoic acid	Lin1		0.1709		8020	10000	-19.8	20.0
2,4-Dichlorophenol	Ave	0.2921	0.2861	0.2000	9800	10000	-2.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3247	0.3198		9850	10000	-1.5	20.0
Naphthalene	Ave	1.156	1.086	0.7000	9400	10000	-6.0	20.0
4-Chloroaniline	Ave	0.4264	0.4060	0.0100	9520	10000	-4.8	20.0
Hexachlorobutadiene	Ave	0.1708	0.1740	0.0100	10200	10000	1.8	20.0
Caprolactam	Lin2		0.0866	0.0100	3850	4000	-3.8	20.0
4-Chloro-3-methylphenol	Ave	0.2938	0.2831	0.2000	9640	10000	-3.6	20.0
2-Methylnaphthalene	Ave	0.7102	0.6897	0.4000	9710	10000	-2.9	20.0
1-Methylnaphthalene	Ave	0.6544	0.6355		9710	10000	-2.9	20.0
Hexachlorocyclopentadiene	Ave	0.4244	0.3061	0.0500	7210	10000	-27.9*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6219	0.6102	0.0100	9810	10000	-1.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.3974	0.4210		10600	10000	5.9	20.0
2,4,6-Trichlorophenol	Ave	0.3736	0.3914	0.2000	10500	10000	4.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 460-949020/2 | Calibration Date: 12/09/2023 15:46

Instrument ID: CBNAMS16 | Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 10/17/2023 12:32

Lab File ID: A29336.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	0.4224	0.4237	0.2000	10000	10000	0.3	20.0
1,1'-Biphenyl	Ave	1.698	1.596	0.0100	9400	10000	-6.0	20.0
2-Chloronaphthalene	Ave	1.292	1.217	0.8000	9420	10000	-5.8	20.0
Phenyl ether	Ave	0.8902	0.8639		9700	10000	-3.0	20.0
2-Nitroaniline	Ave	0.5110	0.4472	0.0100	8750	10000	-12.5	20.0
1,3-Dimethylnaphthalene	Ave	1.010	1.005		9960	10000	-0.4	20.0
Dimethyl phthalate	Ave	1.367	1.337	0.0100	9780	10000	-2.2	20.0
Coumarin	Ave	0.2260	0.2314		10200	10000	2.4	20.0
2,6-Dinitrotoluene	Ave	0.3047	0.3073	0.2000	10100	10000	0.8	20.0
Acenaphthylene	Ave	2.105	2.007	0.9000	9530	10000	-4.7	20.0
3-Nitroaniline	Ave	0.3497	0.3277	0.0100	9370	10000	-6.3	20.0
Acenaphthene	Ave	1.241	1.140	0.9000	9190	10000	-8.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.088	1.083		9950	10000	-0.5	20.0
2,4-Dinitrophenol	Ave	0.1910	0.1990	0.0100	20800	20000	4.2	20.0
4-Nitrophenol	Ave	0.2933	0.2563	0.0100	17500	20000	-12.6	20.0
2,4-Dinitrotoluene	Ave	0.3787	0.4005	0.2000	10600	10000	5.7	20.0
Dibenzofuran	Ave	1.806	1.713	0.8000	9480	10000	-5.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3292	0.3382	0.0100	10300	10000	2.7	20.0
Diethyl phthalate	Ave	1.319	1.301	0.0100	9870	10000	-1.3	20.0
Fluorene	Ave	1.450	1.361	0.9000	9380	10000	-6.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6719	0.6604	0.4000	9830	10000	-1.7	20.0
4-Nitroaniline	Ave	0.3509	0.3166	0.0100	9020	10000	-9.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1365	0.1420	0.0100	20800	20000	4.0	20.0
N-Nitrosodiphenylamine	Ave	0.5874	0.5644	0.0100	9610	10000	-3.9	20.0
1,2-Diphenylhydrazine	Ave	0.9501	0.8244		8680	10000	-13.2	20.0
Azobenzene	Ave	0.9501	0.8281		8720	10000	-12.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2096	0.2364	0.1000	11300	10000	12.8	20.0
Hexachlorobenzene	Ave	0.2738	0.2940	0.1000	10700	10000	7.4	20.0
Atrazine	Ave	0.1783	0.1798	0.0100	4040	4000	0.9	20.0
Pentachlorophenol	Ave	0.1647	0.1564	0.0500	19000	20000	-5.1	20.0
Pentachloronitrobenzene	Ave	0.0859	0.0882	0.0100	10300	10000	2.8	20.0
n-Octadecane	Ave	0.6556	0.5727		8730	10000	-12.7	20.0
Phenanthrene	Ave	1.136	1.066	0.7000	9380	10000	-6.2	20.0
Anthracene	Ave	1.155	1.101	0.7000	9530	10000	-4.7	20.0
Carbazole	Ave	1.029	0.9463	0.0100	9200	10000	-8.0	20.0
Di-n-butyl phthalate	Ave	1.153	1.139	0.0100	9880	10000	-1.2	20.0
Fluoranthene	Ave	1.092	1.033	0.6000	9470	10000	-5.3	20.0
Benzidine	Ave	0.5479	0.3421		6240	10000	-37.6*	20.0
Pyrene	Ave	1.423	1.542	0.6000	10800	10000	8.3	20.0
Bisphenol-A	Lin2		0.5066		9810	10000	-1.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 460-949020/2 Calibration Date: 12/09/2023 15:46

Instrument ID: CBNAMS16 Calib Start Date: 10/17/2023 06:54

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/17/2023 12:32

Lab File ID: A29336.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5440	0.5812	0.0100	10700	10000	6.8	20.0
2,3,7,8-TCDD	Ave	0.1909	0.3067		161	100	60.7*	20.0
Carbamazepine	Lin1		0.3552		7690	10000	-23.1*	20.0
3,3'-Dichlorobenzidine	Ave	0.4366	0.4747	0.0100	10900	10000	8.7	20.0
Benzo[a]anthracene	Ave	1.269	1.269	0.8000	10000	10000	-0.0	20.0
Chrysene	Ave	1.205	1.188	0.7000	9860	10000	-1.4	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.8225	0.0100	10400	10000	4.2	20.0
Di-n-octyl phthalate	Ave	1.146	1.271	0.0100	11100	10000	10.9	20.0
Benzo[b]fluoranthene	Ave	1.148	1.199		10400	10000	4.5	20.0
Benzo[k]fluoranthene	Ave	1.195	1.299	0.7000	10900	10000	8.7	20.0
Benzo[a]pyrene	Ave	0.9773	1.045	0.7000	10700	10000	6.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.046	1.116	0.5000	10700	10000	6.7	20.0
Dibenz(a,h)anthracene	Ave	1.163	1.281	0.4000	11000	10000	10.1	20.0
Benzo[g,h,i]perylene	Ave	1.261	1.211	0.5000	9610	10000	-3.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4172	0.3814		9140	10000	-8.6	20.0
2-Fluorobiphenyl	Ave	1.473	1.428		9690	10000	-3.1	20.0
Terphenyl-d14 (Surr)	Ave	1.107	1.255		11300	10000	13.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29336.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Dec-2023 15:46:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-002
Operator ID: Instrument ID: CBNAMS16
Sublist: chrom-8270LVI_16*sub36

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: maheseep Date: 11-Dec-2023 09:56:12

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	1.584	1.584	0.000	96	260049	10.0	8.87	
2 N-Nitrosodimethylamine	74	1.792	1.792	0.000	92	397512	10.0	8.25	
3 Pyridine	79	1.817	1.817	0.000	92	1151477	20.0	15.6	
$ 4 2-Fluorophenol	112	2.862	2.862	0.000	95	590395	10.0	9.37	
5 Benzaldehyde	77	3.689	3.689	0.000	96	100720	4.00	1.67	
$ 6 Phenol-d5	99	3.765	3.765	0.000	0	752694	10.0	9.90	
7 Phenol	94	3.778	3.778	0.000	98	861006	10.0	9.86	
8 Aniline	93	3.794	3.794	0.000	98	901613	10.0	8.64	
9 Bis(2-chloroethyl)ether	93	3.858	3.858	0.000	96	635697	10.0	9.32	
10 Benzonitrile	103	3.871	3.871	0.000	98	1231004	NC	NC	
11 2-Chlorophenol	128	3.909	3.909	0.000	95	641290	10.0	9.77	
12 n-Decane	43	3.961	3.961	0.000	92	722654	10.0	7.49	
13 1,3-Dichlorobenzene	146	4.053	4.053	0.000	95	679827	10.0	9.41	
* 14 1,4-Dichlorobenzene-d4	152	4.111	4.111	0.000	95	356433	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.127	4.127	0.000	94	686690	10.0	9.33	
17 Benzyl alcohol	108	4.252	4.252	0.000	94	388882	10.0	9.42	
18 1,2-Dichlorobenzene	146	4.271	4.271	0.000	96	654120	10.0	9.45	
19 2-Methylphenol	108	4.367	4.367	0.000	89	562302	10.0	9.37	
20 2,2'-oxybis[1-chloropropane]	45	4.380	4.380	0.000	95	921726	10.0	8.04	
21 N-Methylaniline	106	4.498	4.498	0.000	97	1004126	10.0	10.3	
22 Acetophenone	105	4.504	4.504	0.000	92	890998	10.0	9.50	
23 N-Nitrosodi-n-propylamine	70	4.507	4.507	0.000	89	469496	10.0	9.27	
24 3 & 4 Methylphenol	108	4.520	4.520	0.000	0	622055	10.0	8.98	
25 4-Methylphenol	108	4.520	4.520	0.000	90	605470	10.0	8.76	
26 Hexachloroethane	117	4.594	4.594	0.000	96	249303	10.0	9.34	
$ 27 Nitrobenzene-d5	82	4.648	4.648	0.000	87	653088	10.0	9.14	
28 Nitrobenzene	123	4.667	4.667	0.000	95	323855	10.0	10.4	
29 n,n'-Dimethylaniline	120	4.671	4.671	0.000	99	1002863	10.0	10.0	
30 Isophorone	82	4.898	4.898	0.000	100	1217214	10.0	9.47	
31 2-Nitrophenol	139	4.971	4.971	0.000	93	342068	10.0	10.1	
33 2,4-Dimethylphenol	122	5.029	5.029	0.000	91	500602	10.0	9.33	

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	5.115	5.115	0.000	99	744171	10.0	9.25	
35 Benzoic acid	122	5.134	5.134	0.000	89	292690	10.0	8.02	
36 2,4-Dichlorophenol	162	5.211	5.211	0.000	96	489991	10.0	9.80	
37 1,2,4-Trichlorobenzene	180	5.285	5.285	0.000	94	547702	10.0	9.85	
* 38 Naphthalene-d8	136	5.336	5.336	0.000	99	1369904	8.00	8.00	
39 Naphthalene	128	5.355	5.355	0.000	99	1859861	10.0	9.40	
40 4-Chloroaniline	127	5.419	5.419	0.000	97	695153	10.0	9.52	
41 2,6-Dichlorophenol	162	5.422	5.422	0.000	95	482023	10.0	9.70	
43 Hexachlorobutadiene	225	5.480	5.480	0.000	97	297874	10.0	10.2	
44 Caprolactam	113	5.736	5.736	0.000	92	59319	4.00	3.85	
45 4-Chloro-3-methylphenol	107	5.899	5.899	0.000	96	484801	10.0	9.64	
46 2-Methylnaphthalene	142	6.020	6.020	0.000	85	1180961	10.0	9.71	
47 1-Methylnaphthalene	142	6.113	6.113	0.000	93	1088185	10.0	9.71	
48 Hexachlorocyclopentadiene	237	6.171	6.171	0.000	97	272283	10.0	7.21	
49 1,2,4,5-Tetrachlorobenzene	216	6.180	6.180	0.000	98	542802	10.0	9.81	
50 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	92	720828	10.0	10.6	
51 2,4,6-Trichlorophenol	196	6.296	6.296	0.000	90	348166	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.331	6.331	0.000	98	376930	10.0	10.0	
$ 53 2-Fluorobiphenyl	172	6.376	6.376	0.000	97	1269869	10.0	9.69	
54 1,1'-Biphenyl	154	6.465	6.465	0.000	97	1419351	10.0	9.40	
55 2-Chloronaphthalene	162	6.478	6.478	0.000	97	1082732	10.0	9.42	
56 Phenyl ether	170	6.568	6.568	0.000	86	768464	10.0	9.70	
57 2-Nitroaniline	65	6.587	6.587	0.000	98	397842	10.0	8.75	
58 1,3-Dimethylnaphthalene	156	6.689	6.689	0.000	93	894226	10.0	9.96	
59 Dimethyl phthalate	163	6.769	6.769	0.000	99	1189602	10.0	9.78	
60 Coumarin	146	6.776	6.776	0.000	82	396283	10.0	10.2	
61 2,6-Dinitrotoluene	165	6.821	6.821	0.000	96	273334	10.0	10.1	
62 Acenaphthylene	152	6.869	6.869	0.000	97	1785347	10.0	9.53	
63 3-Nitroaniline	138	6.977	6.977	0.000	96	291542	10.0	9.37	
* 64 Acenaphthene-d10	164	7.003	7.003	0.000	95	711657	8.00	8.00	
66 Acenaphthene	154	7.035	7.035	0.000	96	1014303	10.0	9.19	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.041	7.041	0.000	98	963774	10.0	9.95	
67 2,4-Dinitrophenol	184	7.077	7.077	0.000	97	353987	20.0	20.8	
68 4-Nitrophenol	65	7.160	7.160	0.000	92	456043	20.0	17.5	
69 2,4-Dinitrotoluene	165	7.198	7.198	0.000	94	356261	10.0	10.6	
70 Dibenzofuran	168	7.198	7.198	0.000	96	1523629	10.0	9.48	
71 2,3,4,6-Tetrachlorophenol	232	7.320	7.320	0.000	95	300821	10.0	10.3	
72 Diethyl phthalate	149	7.438	7.438	0.000	99	1157730	10.0	9.87	
73 Fluorene	166	7.522	7.522	0.000	95	1210688	10.0	9.38	
74 4-Chlorophenyl phenyl ether	204	7.528	7.528	0.000	91	587442	10.0	9.83	
75 4-Nitroaniline	138	7.554	7.554	0.000	91	281664	10.0	9.02	
76 4,6-Dinitro-2-methylphenol	198	7.583	7.583	0.000	87	426591	20.0	20.8	
78 N-Nitrosodiphenylamine	169	7.643	7.643	0.000	68	848007	10.0	9.61	
79 1,2-Diphenylhydrazine	77	7.679	7.679	0.000	50	1238649	10.0	8.68	
144 Azobenzene	77	7.679	7.679	0.000	0	1244268	10.0	8.72	
$ 80 2,4,6-Tribromophenol	330	7.749	7.749	0.000	92	239213	10.0	12.1	
81 4-Bromophenyl phenyl ether	248	7.989	7.989	0.000	93	355157	10.0	11.3	
82 Hexachlorobenzene	284	8.037	8.037	0.000	95	441777	10.0	10.7	
83 Atrazine	200	8.159	8.159	0.000	92	108082	4.00	4.04	
84 Pentachlorophenol	266	8.229	8.229	0.000	96	469884	20.0	19.0	
85 Pentachloronitrobenzene	237	8.239	8.239	0.000	92	132576	10.0	10.3	
87 n-Octadecane	57	8.338	8.338	0.000	92	860447	10.0	8.73	

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	8.399	8.399	0.000	99	1202047	8.00	8.00	
89 Phenanthrene	178	8.422	8.422	0.000	98	1601796	10.0	9.38	
90 Anthracene	178	8.470	8.470	0.000	98	1653704	10.0	9.53	
91 Carbazole	167	8.630	8.630	0.000	96	1421926	10.0	9.20	
92 Di-n-butyl phthalate	149	8.982	8.982	0.000	100	1711645	10.0	9.88	
93 Fluoranthene	202	9.541	9.541	0.000	97	1552772	10.0	9.47	
94 Benzidine	184	9.683	9.683	0.000	99	514058	10.0	6.24	
95 Pyrene	202	9.750	9.750	0.000	97	1602851	10.0	10.8	
96 Bisphenol-A	213	9.824	9.824	0.000	98	526782	10.0	9.81	
$ 97 Terphenyl-d14	244	9.917	9.917	0.000	97	1304954	10.0	11.3	
98 Butyl benzyl phthalate	149	10.407	10.407	0.000	98	604279	10.0	10.7	
99 2,3,7,8-TCDD	320	10.477	10.477	0.000	91	3189	0.1000	0.1607	
100 Carbamazepine	193	10.493	10.493	0.000	93	369321	10.0	7.69	
101 3,3'-Dichlorobenzidine	252	10.941	10.941	0.000	99	493640	10.0	10.9	
102 Benzo[a]anthracene	228	10.951	10.951	0.000	100	1319682	10.0	10.0	
* 103 Chrysene-d12	240	10.964	10.964	0.000	99	831835	8.00	8.00	
104 Chrysene	228	10.989	10.989	0.000	98	1235298	10.0	9.86	
105 Bis(2-ethylhexyl) phthalate	149	11.044	11.044	0.000	88	855219	10.0	10.4	
106 Di-n-octyl phthalate	149	11.825	11.825	0.000	97	1358319	10.0	11.1	
107 Benzo[b]fluoranthene	252	12.229	12.229	0.000	98	1281672	10.0	10.4	
108 Benzo[k]fluoranthene	252	12.268	12.268	0.000	99	1388600	10.0	10.9	
109 Benzo[a]pyrene	252	12.649	12.649	0.000	97	1116895	10.0	10.7	
* 110 Perylene-d12	264	12.725	12.725	0.000	98	855044	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.173	14.173	0.000	99	1192717	10.0	10.7	
112 Dibenz(a,h)anthracene	278	14.215	14.215	0.000	95	1369470	10.0	11.0	
113 Benzo[g,h,i]perylene	276	14.548	14.548	0.000	98	1294778	10.0	9.61	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL7_LVI_00008 Amount Added: 1.00 Units: mL

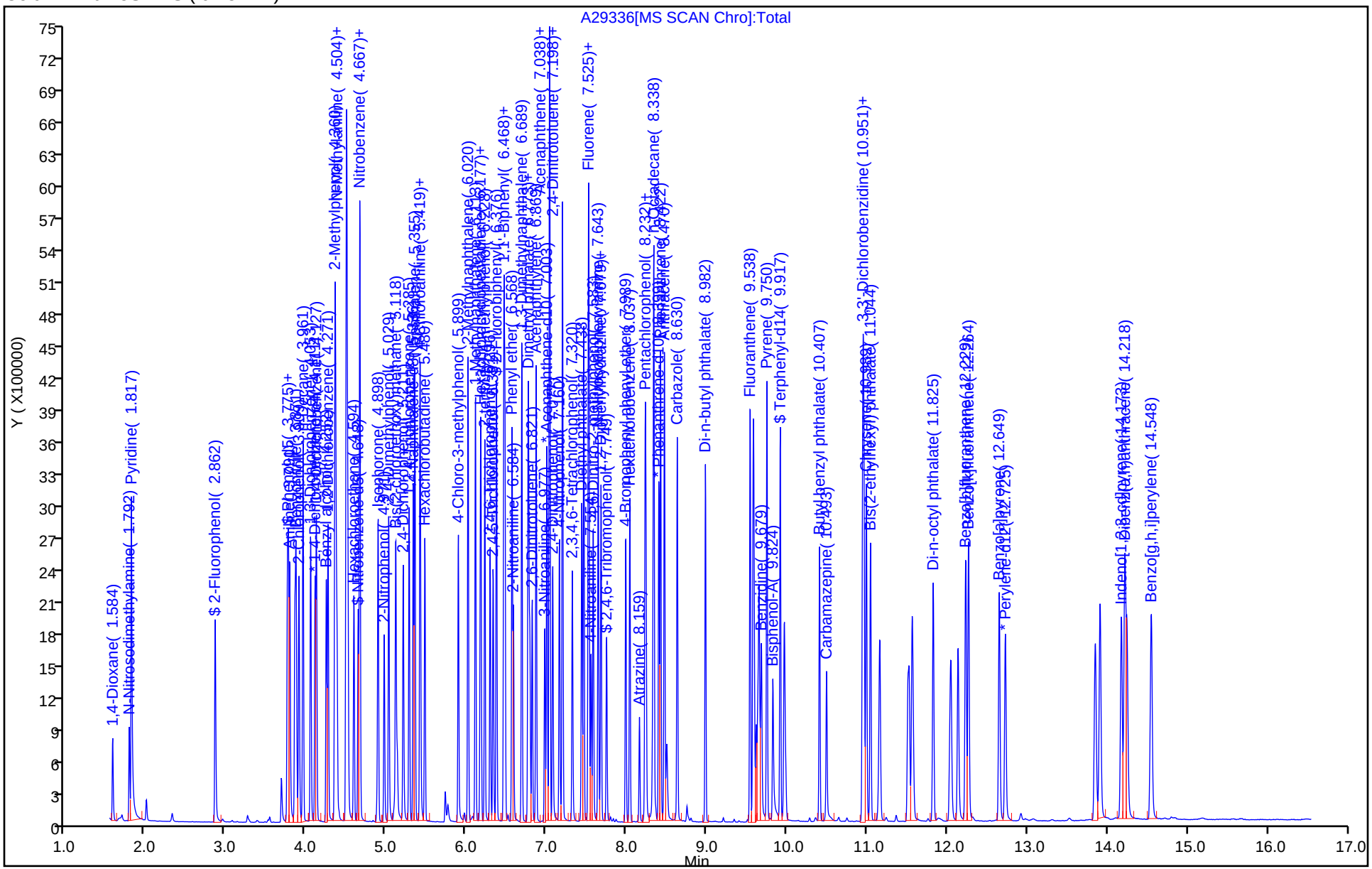
Report Date: 11-Dec-2023 09:56:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29336.D

Injection Date:	09-Dec-2023 15:46:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 17-Oct-2023 05:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0167445-001
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 17-Oct-2023 13:56:40 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: G4KC Date: 17-Oct-2023 13:56:40

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	4.543	4.543	0.000	94	391363	NR	NR	
42 Benzidine_T	184	5.780	5.780	0.000	99	1964936	NR	NR	
116 DFTPP									
117 4,4'-DDE	246	5.930	5.930	0.000	91	1194		NR	
118 4,4'-DDD	235	6.221	6.221	0.000	95	11039		NR	
119 4,4'-DDT	235	6.429	6.429	0.000	99	967737	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

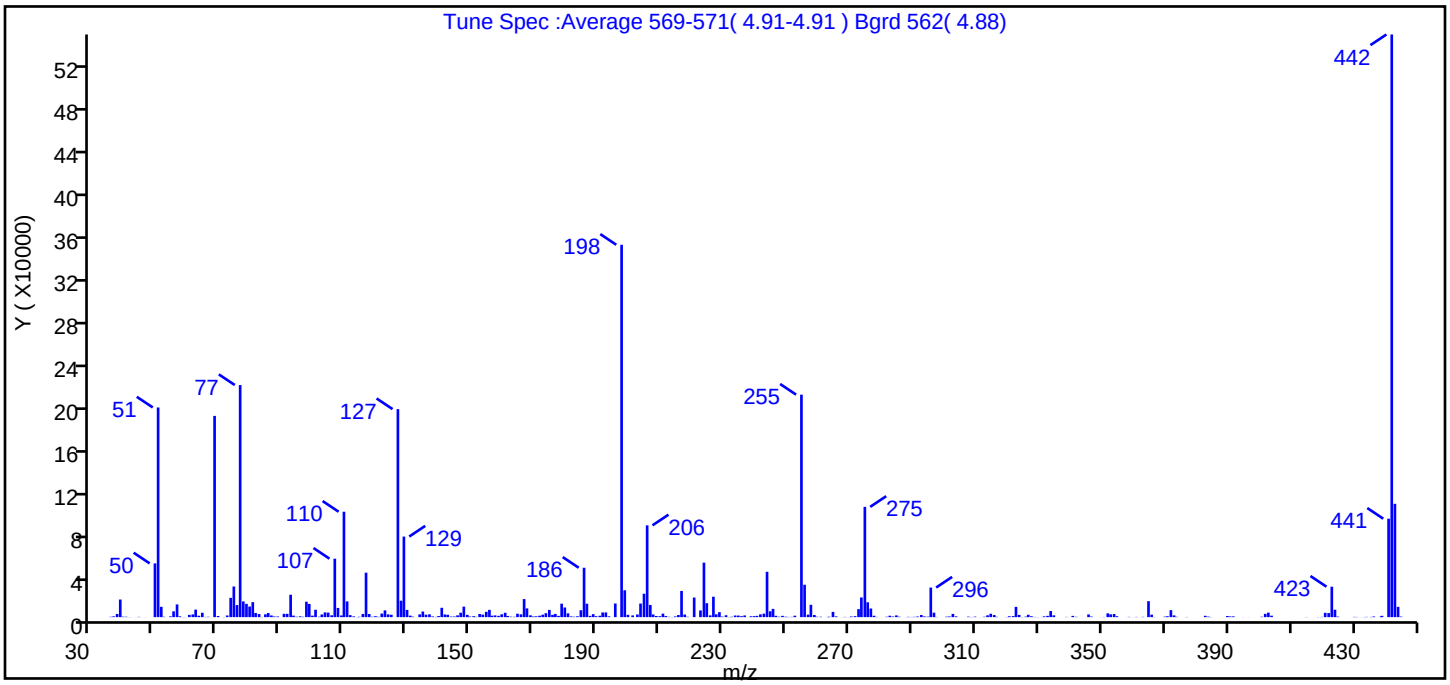
SMDFTP_CH_00035 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D
Injection Date: 17-Oct-2023 05:57:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

116 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	54.0
70	<2% of m/z 69	0.3 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.2
365	>1% of m/z 198	4.3
441	<150% of m/z 443	26.4 (86.9)
442	Present	156.5
443	15-24% of m/z 442	30.4 (19.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D\8270LVI_16.rslt\spectra.d
Injection Date: 17-Oct-2023 05:57:30
Spectrum: Tune Spec :Average 569-571(4.91-4.91) Bgrd 562(4.88)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 329

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	322	128.00	15342	215.00	701	312.00	72
37.00	751	129.00	75216	216.00	1966	313.00	386
38.00	2958	130.00	6758	217.00	24448	314.00	1712
39.00	16456	131.00	1410	218.00	2428	315.00	3148
40.00	452	132.00	472	219.00	347	316.00	1954
41.00	365	134.00	2575	221.00	18304	317.00	320
42.00	115	135.00	5246	223.00	6255	320.00	164
44.00	51	136.00	2297	224.00	50888	321.00	834
45.00	256	137.00	2641	225.00	13014	322.00	955
47.00	51	138.00	658	226.00	1637	323.00	9629
50.00	50192	139.00	231	227.00	19064	324.00	2071
51.00	195712	140.00	1004	228.00	2633	325.00	135
52.00	9636	141.00	8730	229.00	4659	326.00	490
53.00	349	142.00	2486	230.00	520	327.00	2231
55.00	748	143.00	2224	231.00	1779	328.00	832
56.00	5419	144.00	530	232.00	140	329.00	211
57.00	11867	145.00	584	233.00	385	330.00	117
58.00	770	146.00	1694	234.00	1540	331.00	59
59.00	130	147.00	4114	235.00	1484	332.00	747
60.00	53	148.00	9810	236.00	915	333.00	1213
61.00	2132	149.00	2160	237.00	1586	334.00	5691
62.00	2543	150.00	562	239.00	820	335.00	1695
63.00	7018	151.00	904	240.00	935	339.00	229
64.00	1303	152.00	290	241.00	1212	341.00	1191
65.00	4069	153.00	2927	242.00	2601	342.00	307
66.00	223	154.00	2362	243.00	3254	346.00	2517
67.00	330	155.00	4969	244.00	42328	347.00	522
69.00	187840	156.00	6798	245.00	5496	350.00	51
70.00	1044	157.00	1371	246.00	7735	351.00	165
72.00	131	158.00	1640	247.00	1237	352.00	3548
73.00	1559	159.00	1225	248.00	384	353.00	2599
74.00	18016	160.00	2656	249.00	1223	354.00	2915
75.00	28624	161.00	4070	250.00	411	355.00	846

Report Date: 17-Oct-2023 13:56:41 Chrom Revision: 2.3 22-Sep-2023 11:33:50
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D\8270LVI_16.rslt\spectra.d
Injection Date: 17-Oct-2023 05:57:30
Spectrum: Tune Spec :Average 569-571(4.91-4.91) Bgrd 562(4.88)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 329

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	11274	162.00	1121	251.00	219	359.00	248
77.00	216640	163.00	441	252.00	235	360.00	54
78.00	14685	164.00	342	253.00	1347	361.00	222
79.00	12399	165.00	3197	255.00	207680	363.00	262
80.00	9900	166.00	2627	256.00	30240	365.00	14890
81.00	14021	167.00	16872	257.00	2351	366.00	2309
82.00	3861	168.00	8154	258.00	11529	367.00	131
83.00	2882	169.00	1704	259.00	1969	370.00	464
84.00	169	170.00	607	260.00	365	371.00	856
85.00	2613	171.00	786	261.00	369	372.00	6532
86.00	3843	172.00	1341	263.00	226	373.00	1639
87.00	1575	173.00	2296	264.00	349	374.00	323
88.00	619	174.00	3700	265.00	4905	377.00	164
89.00	632	175.00	6766	266.00	713	383.00	1262
91.00	3096	176.00	2134	268.00	50	384.00	522
92.00	3091	177.00	3034	269.00	220	385.00	111
93.00	20920	178.00	1198	270.00	98	390.00	1066
94.00	1433	179.00	12573	271.00	631	391.00	668
95.00	392	180.00	9011	272.00	921	392.00	717
96.00	744	181.00	3522	273.00	7470	395.00	58
97.00	341	182.00	663	274.00	18376	397.00	60
98.00	14392	183.00	407	275.00	102944	401.00	379
99.00	12329	184.00	830	276.00	13855	402.00	3081
100.00	1412	185.00	6463	277.00	8037	403.00	4215
101.00	6912	186.00	46096	278.00	1328	404.00	1366
102.00	405	187.00	12544	279.00	203	415.00	146
103.00	2485	188.00	1211	281.00	10	419.00	139
104.00	4418	189.00	2776	282.00	352	420.00	223
105.00	4246	190.00	887	283.00	1323	421.00	4058
106.00	1728	191.00	1310	284.00	591	422.00	3804
107.00	54568	192.00	4385	285.00	1629	423.00	28416
108.00	8596	193.00	4411	286.00	397	424.00	6924
109.00	1589	194.00	755	288.00	53	425.00	505
110.00	98392	196.00	12727	289.00	303	430.00	258

Report Date: 17-Oct-2023 13:56:41 Chrom Revision: 2.3 22-Sep-2023 11:33:50
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D\8270LVI_16.rslt\spectra.d
Injection Date: 17-Oct-2023 05:57:30
Spectrum: Tune Spec :Average 569-571(4.91-4.91) Bgrd 562(4.88)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 329

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	14694	198.00	347584	290.00	184	431.00	177
112.00	1873	199.00	25088	291.00	275	432.00	54
113.00	717	200.00	2156	292.00	602	433.00	124
114.00	141	201.00	1617	293.00	1974	434.00	254
115.00	340	203.00	2509	294.00	678	435.00	198
116.00	2968	204.00	12705	295.00	465	436.00	612
117.00	41512	205.00	21880	296.00	27616	439.00	677
118.00	2940	206.00	85704	297.00	4167	439.00	1226
119.00	372	207.00	11363	298.00	206	441.00	91888
120.00	879	208.00	2481	301.00	446	442.00	543872
121.00	331	209.00	1070	302.00	619	443.00	105784
122.00	3365	210.00	892	303.00	3016	444.00	9580
123.00	6342	211.00	3268	304.00	729	445.00	515
124.00	2602	212.00	1021	308.00	476		
125.00	2220	213.00	335	309.00	146		
127.00	194176	214.00	133	310.00	496		

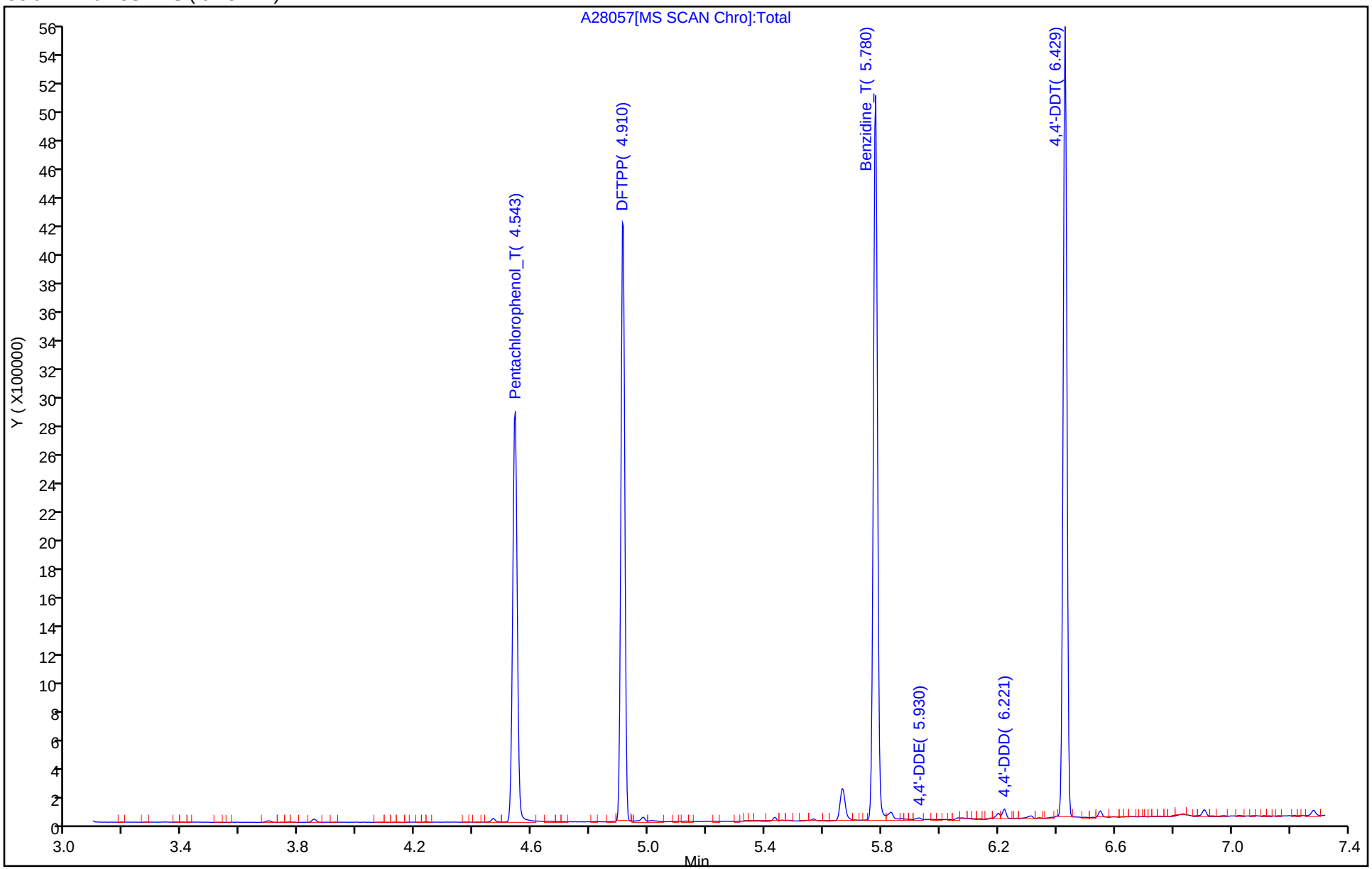
Report Date: 17-Oct-2023 13:56:42 Chrom Revision: 2.3 22-Sep-2023 11:33:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D

Injection Date:	17-Oct-2023 05:57:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D
Injection Date: 17-Oct-2023 05:57:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

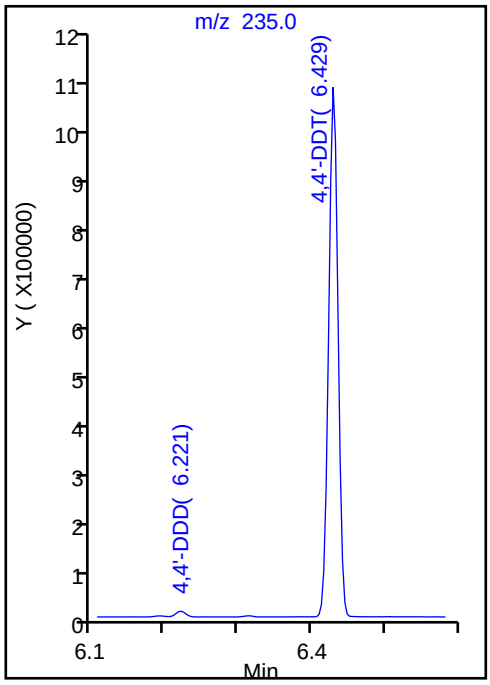
119 4,4'-DDT, Detector: MS SCAN

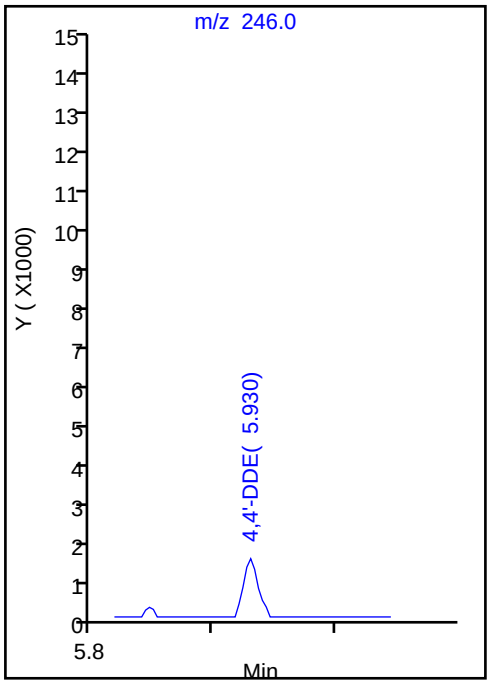
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

119 4,4'-DDT, Area = 967737
118 4,4'-DDD, Area = 11039
117 4,4'-DDE, Area = 1194

%Breakdown: 1.25%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

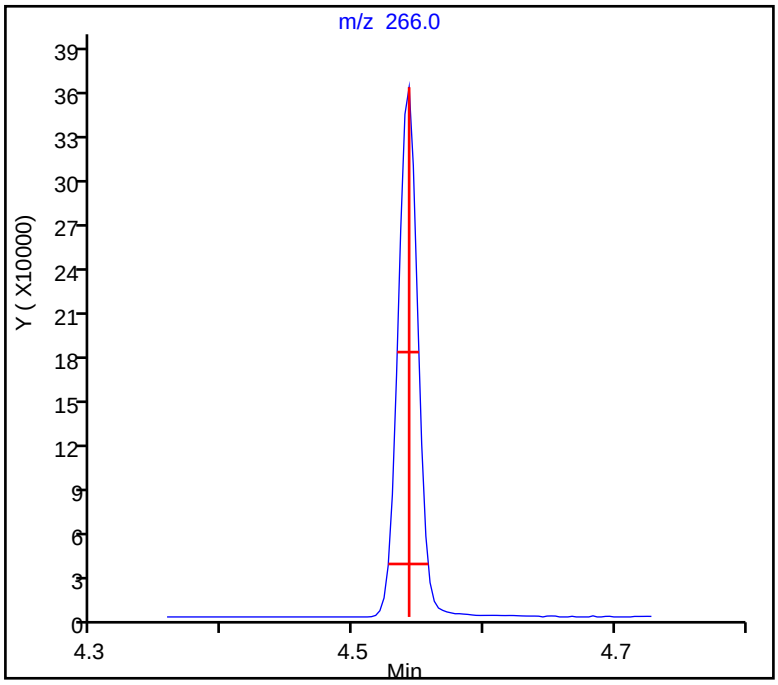
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D
Injection Date: 17-Oct-2023 05:57:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

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



Peak Tailing Report

Eurofins Edison

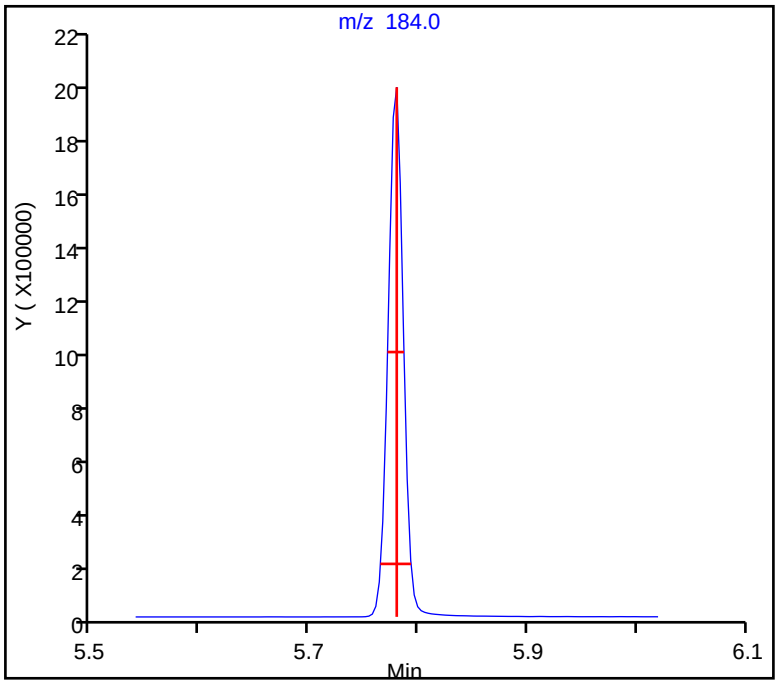
Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28057.D
Injection Date: 17-Oct-2023 05:57:30 Instrument ID: CBNAMS16
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_16 Limit Group: SV 8270E ICAL

42 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.87, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949013/1-A

Matrix: Water | Lab File ID: A29341.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 17:34

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.: 949020 | 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	91		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	94		51-145
1718-51-0	Terphenyl-d14 (Surr)	86		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29341.D
Lims ID: MB 460-949013/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Dec-2023 17:34:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-007
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 18:01:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.862	2.862	0.000	95	231277	10.0	3.58	
$ 6 Phenol-d5	99	3.762	3.765	-0.003	0	194208	10.0	2.49	
* 14 1,4-Dichlorobenzene-d4	152	4.107	4.111	-0.004	96	365247	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.644	4.648	-0.004	87	711387	10.0	9.42	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1448304	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1320205	10.0	9.14	
* 64 Acenaphthene-d10	164	7.000	7.003	-0.003	96	784497	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.745	7.749	-0.004	92	201581	10.0	9.29	
77 1-Naphthylamine	143	7.745	7.795	-0.055	57	49283		NC	
86 2-Naphthylamine	143	8.483	8.393	0.085	61	2407		NC	
* 88 Phenanthrene-d10	188	8.396	8.399	-0.003	99	1468697	8.00	8.00	
$ 97 Terphenyl-d14	244	9.913	9.917	-0.004	97	1195994	10.0	8.56	
* 103 Chrysene-d12	240	10.955	10.964	-0.009	99	1009790	8.00	8.00	
* 110 Perylene-d12	264	12.718	12.725	-0.007	99	879133	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

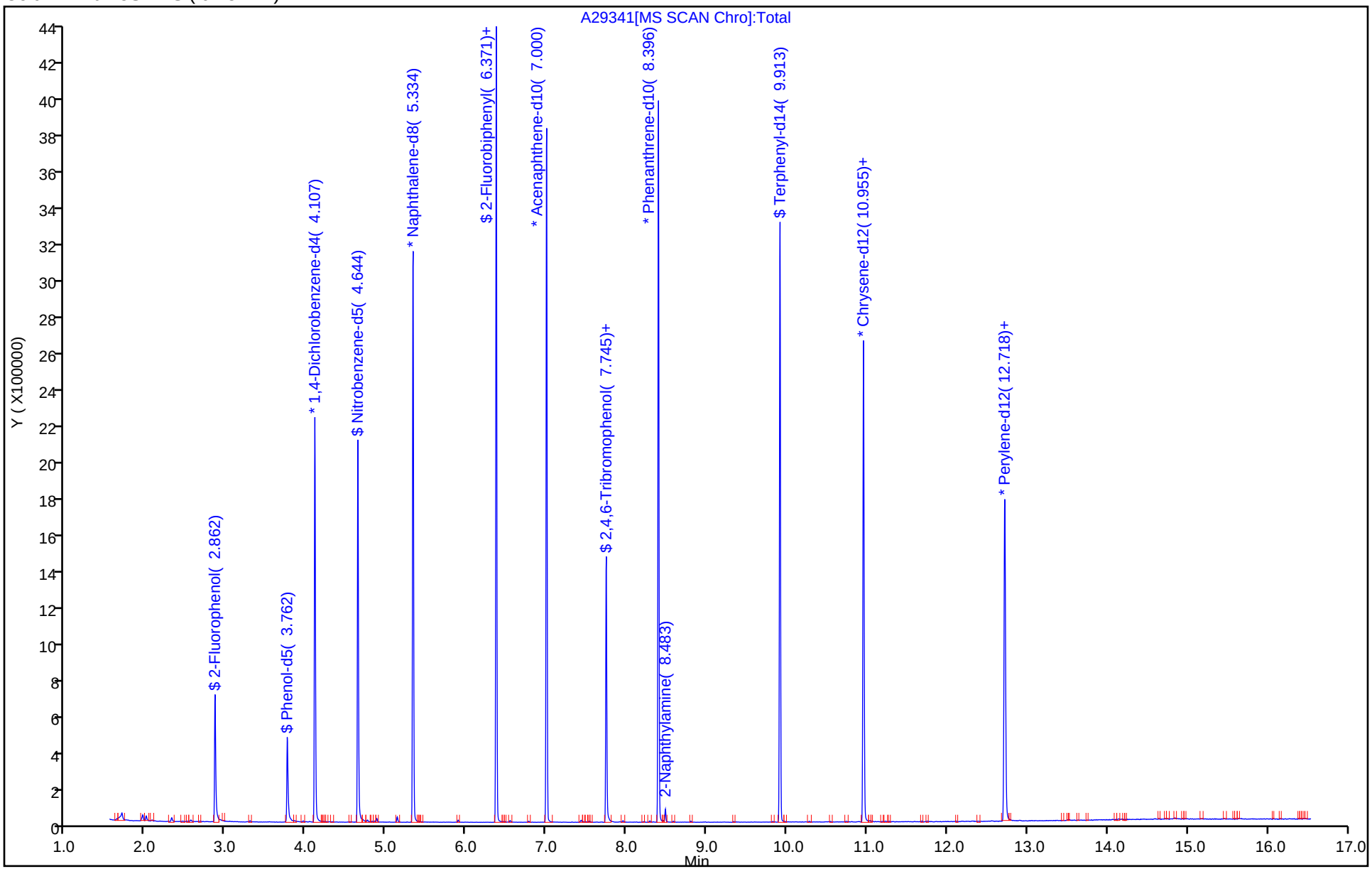
Report Date: 11-Dec-2023 09:58:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29341.D

Injection Date:	09-Dec-2023 17:34:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	MB 460-949013/1-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29341.D
Lims ID: MB 460-949013/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Dec-2023 17:34:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-007
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 18:01:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.58	35.83
$ 6 Phenol-d5	10.0	2.49	24.92
$ 27 Nitrobenzene-d5	10.0	9.42	94.18
$ 53 2-Fluorobiphenyl	10.0	9.14	91.42
$ 80 2,4,6-Tribromophenol	10.0	9.29	92.87
$ 97 Terphenyl-d14	10.0	8.56	85.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949013/2-A

Matrix: Water | Lab File ID: A29339.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 16:50

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	75.8		10	1.1
208-96-8	Acenaphthylene	72.9		10	0.82
120-12-7	Anthracene	75.1		10	1.3
218-01-9	Chrysene	80.3		2.0	0.91
206-44-0	Fluoranthene	75.0		10	0.84
86-73-7	Fluorene	76.0		10	0.91
91-20-3	Naphthalene	71.8		2.0	0.54
85-01-8	Phenanthrene	75.5		10	1.3
129-00-0	Pyrene	84.2		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	100		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	92		51-145
1718-51-0	Terphenyl-d14 (Surr)	109		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29339.D
Lims ID: LCS 460-949013/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Dec-2023 16:50:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-005
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 17:12:24

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	1.581	1.584	-0.003	97	146423	10.0	5.13	
2 N-Nitrosodimethylamine	74	1.789	1.792	-0.003	91	232892	10.0	4.97	
3 Pyridine	79	1.821	1.817	0.004	92	397822	20.0	5.53	
$ 4 2-Fluorophenol	112	2.865	2.862	0.003	95	349064	10.0	5.70	
5 Benzaldehyde	77	3.686	3.689	-0.003	97	416264	5.00	7.11	E
$ 6 Phenol-d5	99	3.766	3.765	0.001	0	347119	10.0	4.69	
7 Phenol	94	3.779	3.778	0.001	98	408216	10.0	4.81	
8 Aniline	93	3.795	3.794	0.001	99	543994	10.0	5.36	
9 Bis(2-chloroethyl)ether	93	3.856	3.858	-0.002	96	610079	10.0	9.20	
10 Benzonitrile	103	3.872	3.871	0.001	98	1181866	NC	NC	
11 2-Chlorophenol	128	3.910	3.909	0.001	95	545305	10.0	8.54	
12 n-Decane	43	3.961	3.961	0.000	91	611799	10.0	6.52	
13 1,3-Dichlorobenzene	146	4.054	4.053	0.001	96	602767	10.0	8.58	
* 14 1,4-Dichlorobenzene-d4	152	4.111	4.111	0.000	96	346650	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.127	4.127	0.000	95	606956	10.0	8.48	
17 Benzyl alcohol	108	4.249	4.252	-0.003	94	303941	10.0	7.57	
18 1,2-Dichlorobenzene	146	4.271	4.271	0.000	96	584555	10.0	8.68	
19 2-Methylphenol	108	4.367	4.367	0.000	88	443293	10.0	7.59	
20 2,2'-oxybis[1-chloropropane]	45	4.377	4.380	-0.003	95	877122	10.0	7.86	
21 N-Methylaniline	106	4.495	4.498	-0.003	98	843248	10.0	8.87	
22 Acetophenone	105	4.505	4.504	0.001	91	845744	10.0	9.27	
23 N-Nitrosodi-n-propylamine	70	4.508	4.507	0.001	88	459500	10.0	9.33	
24 3 & 4 Methylphenol	108	4.518	4.520	-0.002	0	453494	10.0	6.73	
25 4-Methylphenol	108	4.518	4.520	-0.002	94	448971	10.0	6.68	
26 Hexachloroethane	117	4.594	4.594	0.000	95	222541	10.0	8.57	
$ 27 Nitrobenzene-d5	82	4.649	4.648	0.001	87	644857	10.0	9.17	
28 Nitrobenzene	123	4.668	4.667	0.001	94	301823	10.0	9.97	
29 n,n'-Dimethylaniline	120	4.668	4.671	-0.003	94	848474	10.0	8.71	
30 Isophorone	82	4.895	4.898	-0.003	100	1162799	10.0	9.19	
31 2-Nitrophenol	139	4.972	4.971	0.001	92	313782	10.0	9.44	
33 2,4-Dimethylphenol	122	5.029	5.029	0.000	91	417786	10.0	7.91	
34 Bis(2-chloroethoxy)methane	93	5.115	5.115	0.000	99	721743	10.0	9.11	

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	5.115	5.134	-0.019	90	97790	10.0	3.15	
36 2,4-Dichlorophenol	162	5.208	5.211	-0.003	96	457402	10.0	9.29	
37 1,2,4-Trichlorobenzene	180	5.285	5.285	0.000	94	501393	10.0	9.16	
* 38 Naphthalene-d8	136	5.336	5.336	0.000	99	1348936	8.00	8.00	
39 Naphthalene	128	5.355	5.355	0.000	99	1749227	10.0	8.98	
40 4-Chloroaniline	127	5.416	5.419	-0.003	97	553133	10.0	7.69	
41 2,6-Dichlorophenol	162	5.423	5.422	0.001	97	453887	10.0	9.28	
43 Hexachlorobutadiene	225	5.480	5.480	0.000	97	283588	10.0	9.85	
44 Caprolactam	113	5.733	5.736	-0.003	92	39659	5.00	2.66	
45 4-Chloro-3-methylphenol	107	5.896	5.899	-0.003	96	440243	10.0	8.89	
46 2-Methylnaphthalene	142	6.017	6.020	-0.003	85	1134666	10.0	9.47	
47 1-Methylnaphthalene	142	6.110	6.113	-0.003	93	1047493	10.0	9.49	
48 Hexachlorocyclopentadiene	237	6.171	6.171	0.000	98	210029	10.0	5.76	
49 1,2,4,5-Tetrachlorobenzene	216	6.177	6.180	-0.003	97	523610	10.0	9.80	
50 2-tertbutyl-4-methylphenol	149	6.226	6.228	-0.002	92	727929	10.0	10.9	
51 2,4,6-Trichlorophenol	196	6.293	6.296	-0.003	91	337934	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.331	6.331	0.000	98	351891	10.0	9.69	
$ 53 2-Fluorobiphenyl	172	6.373	6.376	-0.003	97	1266711	10.0	10.0	
54 1,1'-Biphenyl	154	6.466	6.465	0.001	97	1378730	10.0	9.45	
55 2-Chloronaphthalene	162	6.478	6.478	0.000	98	1064240	10.0	9.58	
56 Phenyl ether	170	6.568	6.568	0.000	86	777421	10.0	10.2	
57 2-Nitroaniline	65	6.584	6.587	-0.003	98	343013	10.0	7.81	
58 1,3-Dimethylnaphthalene	156	6.690	6.689	0.001	93	883040	10.0	10.2	
59 Dimethyl phthalate	163	6.767	6.769	-0.002	99	1166610	10.0	9.93	
60 Coumarin	146	6.776	6.776	0.000	81	385766	10.0	10.1	
61 2,6-Dinitrotoluene	165	6.818	6.821	-0.003	97	270138	10.0	10.3	
62 Acenaphthylene	152	6.866	6.869	-0.003	97	1648724	10.0	9.11	
63 3-Nitroaniline	138	6.975	6.977	-0.002	96	229400	10.0	7.63	
* 64 Acenaphthene-d10	164	7.000	7.003	-0.003	95	687482	8.00	8.00	
66 Acenaphthene	154	7.032	7.035	-0.003	96	1009755	10.0	9.47	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.039	7.041	-0.002	98	832288	10.0	8.90	
67 2,4-Dinitrophenol	184	7.074	7.077	-0.003	97	311629	20.0	19.0	
68 4-Nitrophenol	65	7.157	7.160	-0.003	93	226375	20.0	8.98	
69 2,4-Dinitrotoluene	165	7.196	7.198	-0.002	64	350417	10.0	10.8	
70 Dibenzofuran	168	7.196	7.198	-0.002	96	1490794	10.0	9.60	
71 2,3,4,6-Tetrachlorophenol	232	7.320	7.320	0.000	97	284937	10.0	10.1	
72 Diethyl phthalate	149	7.436	7.438	-0.002	98	1133750	10.0	10.0	
73 Fluorene	166	7.519	7.522	-0.003	95	1183871	10.0	9.50	
74 4-Chlorophenyl phenyl ether	204	7.529	7.528	0.001	89	574111	10.0	9.94	
75 4-Nitroaniline	138	7.551	7.554	-0.003	90	255229	10.0	8.46	
76 4,6-Dinitro-2-methylphenol	198	7.580	7.583	-0.003	87	422883	20.0	21.2	
78 N-Nitrosodiphenylamine	169	7.641	7.643	-0.002	69	838214	10.0	9.76	
79 1,2-Diphenylhydrazine	77	7.676	7.679	-0.003	51	1208087	10.0	8.70	
144 Azobenzene	77	7.676	7.679	-0.003	0	1211832	10.0	8.73	
$ 80 2,4,6-Tribromophenol	330	7.746	7.749	-0.003	92	241429	10.0	12.7	
81 4-Bromophenyl phenyl ether	248	7.986	7.989	-0.003	92	344601	10.0	11.2	
82 Hexachlorobenzene	284	8.034	8.037	-0.003	95	437677	10.0	10.9	
83 Atrazine	200	8.156	8.159	-0.003	92	240645	5.00	9.24	E
84 Pentachlorophenol	266	8.226	8.229	-0.003	96	457648	20.0	19.0	
85 Pentachloronitrobenzene	237	8.239	8.239	0.000	92	132423	10.0	10.6	
87 n-Octadecane	57	8.335	8.338	-0.003	93	841966	10.0	8.79	
* 88 Phenanthrene-d10	188	8.396	8.399	-0.003	99	1169195	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	8.419	8.422	-0.003	98	1567498	10.0	9.44	
90 Anthracene	178	8.467	8.470	-0.003	98	1585082	10.0	9.39	
91 Carbazole	167	8.627	8.630	-0.003	96	1351305	10.0	8.99	
92 Di-n-butyl phthalate	149	8.978	8.982	-0.004	100	1653893	10.0	9.81	
93 Fluoranthene	202	9.538	9.541	-0.003	97	1496464	10.0	9.38	
94 Benzidine	184	9.682	9.683	-0.001	99	175048	10.0	2.19	
95 Pyrene	202	9.746	9.750	-0.004	96	1545612	10.0	10.5	
96 Bisphenol-A	213	9.823	9.824	-0.001	99	211639	5.00	4.24	
$ 97 Terphenyl-d14	244	9.912	9.917	-0.005	97	1248764	10.0	10.9	
98 Butyl benzyl phthalate	149	10.402	10.407	-0.005	97	591561	10.0	10.5	
100 Carbamazepine	193	10.491	10.493	-0.002	94	374821	10.0	7.85	
101 3,3'-Dichlorobenzidine	252	10.939	10.941	-0.002	99	446262	10.0	9.90	
102 Benzo[a]anthracene	228	10.946	10.951	-0.005	99	1343256	10.0	10.3	
* 103 Chrysene-d12	240	10.959	10.964	-0.005	99	825628	8.00	8.00	
104 Chrysene	228	10.987	10.989	-0.002	98	1248677	10.0	10.0	
105 Bis(2-ethylhexyl) phthalate	149	11.039	11.044	-0.005	88	842672	10.0	10.3	
106 Di-n-octyl phthalate	149	11.819	11.825	-0.006	97	1329834	10.0	10.9	
107 Benzo[b]fluoranthene	252	12.225	12.229	-0.004	99	1278781	10.0	10.4	
108 Benzo[k]fluoranthene	252	12.261	12.268	-0.007	99	1403433	10.0	11.0	
109 Benzo[a]pyrene	252	12.645	12.649	-0.003	98	1209381	10.0	11.6	
* 110 Perylene-d12	264	12.721	12.725	-0.004	98	854077	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.167	14.173	-0.006	99	1360966	10.0	12.2	
112 Dibenz(a,h)anthracene	278	14.209	14.215	-0.006	98	1363092	10.0	11.0	
113 Benzo[g,h,i]perylene	276	14.539	14.548	-0.009	98	1362386	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

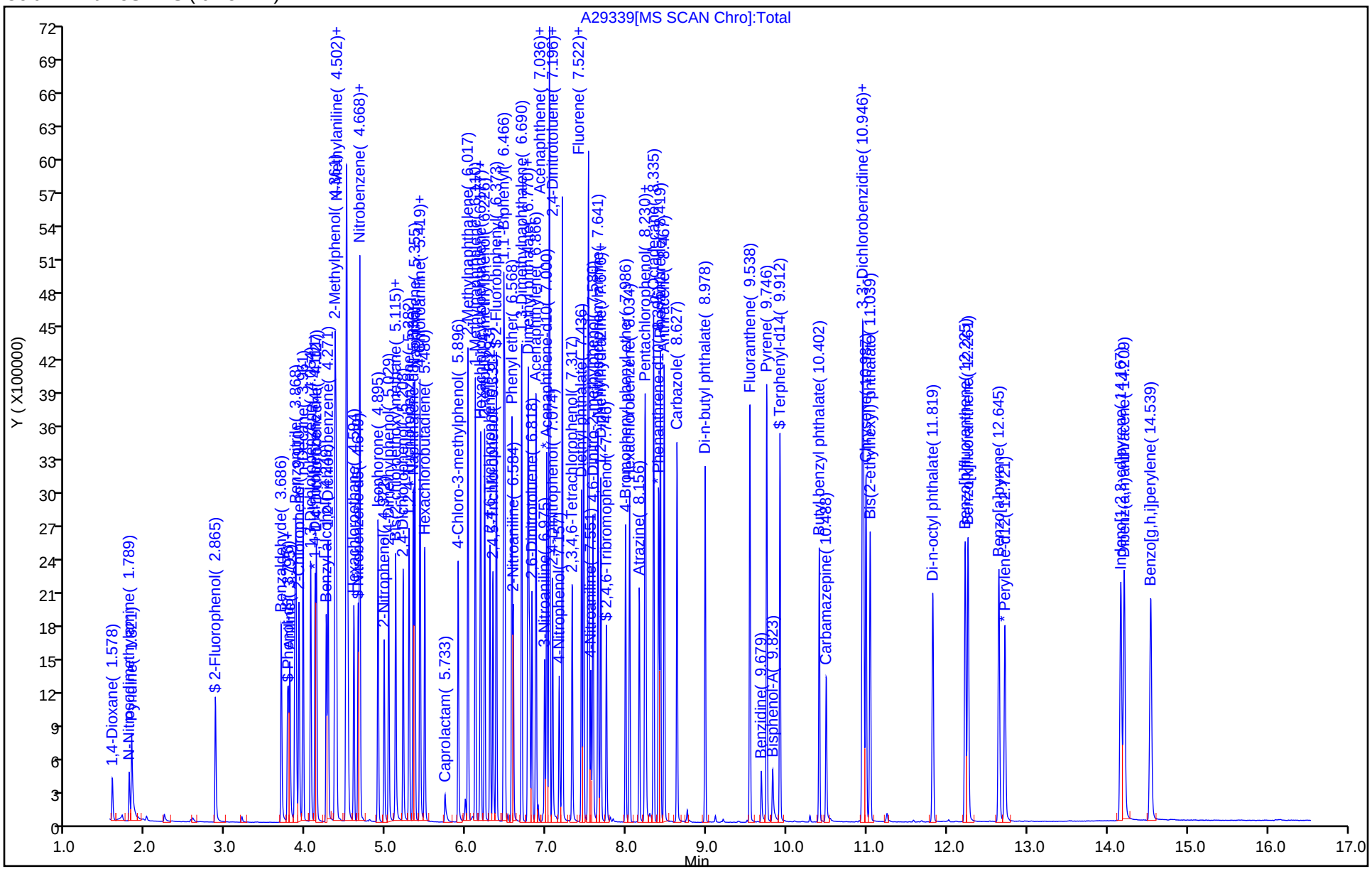
Report Date: 11-Dec-2023 09:57:09 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29339.D

Injection Date:	09-Dec-2023 16:50:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	LCS 460-949013/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29339.D
Lims ID: LCS 460-949013/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Dec-2023 16:50:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-005
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 17:12:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	5.70	56.98
$ 6 Phenol-d5	10.0	4.69	46.93
$ 27 Nitrobenzene-d5	10.0	9.17	91.66
$ 53 2-Fluorobiphenyl	10.0	10.0	100.09
$ 80 2,4,6-Tribromophenol	10.0	12.7	126.92
$ 97 Terphenyl-d14	10.0	10.9	109.31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949013/3-A

Matrix: Water | Lab File ID: A29340.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 17:13

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	75.2		10	1.1
208-96-8	Acenaphthylene	73.0		10	0.82
120-12-7	Anthracene	75.7		10	1.3
218-01-9	Chrysene	82.7		2.0	0.91
206-44-0	Fluoranthene	74.1		10	0.84
86-73-7	Fluorene	75.4		10	0.91
91-20-3	Naphthalene	72.5		2.0	0.54
85-01-8	Phenanthrene	76.6		10	1.3
129-00-0	Pyrene	93.9		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	99		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	93		51-145
1718-51-0	Terphenyl-d14 (Surr)	119		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29340.D
Lims ID: LCSD 460-949013/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Dec-2023 17:13:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-006
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 18:01:01

	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	1.578	1.584	-0.006	96	170532	10.0	5.26	
	2 N-Nitrosodimethylamine	74	1.789	1.792	-0.003	91	247236	10.0	4.64	
	3 Pyridine	79	1.818	1.817	0.001	92	481748	20.0	5.89	
$	4 2-Fluorophenol	112	2.865	2.862	0.003	95	403677	10.0	5.79	
	5 Benzaldehyde	77	3.686	3.689	-0.003	97	480051	5.00	7.20	E
$	6 Phenol-d5	99	3.766	3.765	0.001	0	404424	10.0	4.80	
	7 Phenol	94	3.779	3.778	0.001	98	469369	10.0	4.86	
	8 Aniline	93	3.792	3.794	-0.002	99	632705	10.0	5.48	
	9 Bis(2-chloroethyl)ether	93	3.856	3.858	-0.002	97	680380	10.0	9.01	
	10 Benzonitrile	103	3.868	3.871	-0.003	99	1357445	NC	NC	
	11 2-Chlorophenol	128	3.907	3.909	-0.002	95	630297	10.0	8.68	
	12 n-Decane	43	3.958	3.961	-0.003	91	691496	10.0	6.47	
	13 1,3-Dichlorobenzene	146	4.054	4.053	0.001	95	686117	10.0	8.58	
*	14 1,4-Dichlorobenzene-d4	152	4.108	4.111	-0.003	95	394438	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.124	4.127	-0.003	94	693872	10.0	8.52	
	17 Benzyl alcohol	108	4.249	4.252	-0.003	94	365356	10.0	7.99	
	18 1,2-Dichlorobenzene	146	4.271	4.271	0.000	96	670429	10.0	8.75	
	19 2-Methylphenol	108	4.367	4.367	0.000	88	515078	10.0	7.75	
	20 2,2'-oxybis[1-chloropropane]	45	4.374	4.380	-0.006	95	1010035	10.0	7.96	
	21 N-Methylaniline	106	4.495	4.498	-0.003	94	960799	10.0	8.88	
	22 Acetophenone	105	4.505	4.504	0.001	92	971781	10.0	9.36	
	23 N-Nitrosodi-n-propylamine	70	4.505	4.507	-0.002	90	529615	10.0	9.45	
	24 3 & 4 Methylphenol	108	4.518	4.520	-0.002	0	536618	10.0	7.00	
	25 4-Methylphenol	108	4.518	4.520	-0.002	89	526746	10.0	6.89	
	26 Hexachloroethane	117	4.594	4.594	0.000	95	253684	10.0	8.59	
$	27 Nitrobenzene-d5	82	4.649	4.648	0.001	87	752320	10.0	9.31	
	28 Nitrobenzene	123	4.668	4.667	0.001	94	348407	10.0	10.1	
	29 n,n'-Dimethylaniline	120	4.668	4.671	-0.003	94	971616	10.0	8.76	
	30 Isophorone	82	4.895	4.898	-0.003	99	1392821	10.0	9.58	
	31 2-Nitrophenol	139	4.972	4.971	0.001	92	373736	10.0	9.80	
	33 2,4-Dimethylphenol	122	5.029	5.029	0.000	91	481671	10.0	7.94	
	34 Bis(2-chloroethoxy)methane	93	5.116	5.115	0.001	99	837377	10.0	9.20	

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	5.119	5.134	-0.015	87	131550	10.0	3.58	
36 2,4-Dichlorophenol	162	5.208	5.211	-0.003	95	531330	10.0	9.39	
37 1,2,4-Trichlorobenzene	180	5.282	5.285	-0.003	94	575090	10.0	9.15	
* 38 Naphthalene-d8	136	5.333	5.336	-0.003	99	1548946	8.00	8.00	
39 Naphthalene	128	5.356	5.355	0.001	99	2028273	10.0	9.06	
40 4-Chloroaniline	127	5.416	5.419	-0.003	97	657055	10.0	7.96	
41 2,6-Dichlorophenol	162	5.423	5.422	0.001	98	528001	10.0	9.40	
43 Hexachlorobutadiene	225	5.481	5.480	0.000	99	323656	10.0	9.79	
44 Caprolactam	113	5.736	5.736	0.000	91	48844	5.00	2.84	
45 4-Chloro-3-methylphenol	107	5.896	5.899	-0.003	96	520964	10.0	9.16	
46 2-Methylnaphthalene	142	6.018	6.020	-0.002	85	1327347	10.0	9.65	
47 1-Methylnaphthalene	142	6.111	6.113	-0.002	93	1226246	10.0	9.68	
48 Hexachlorocyclopentadiene	237	6.171	6.171	0.000	97	262866	10.0	6.04	
49 1,2,4,5-Tetrachlorobenzene	216	6.178	6.180	-0.002	98	607588	10.0	9.52	
50 2-tertbutyl-4-methylphenol	149	6.226	6.228	-0.002	92	861708	10.0	11.2	
51 2,4,6-Trichlorophenol	196	6.293	6.296	-0.003	91	400792	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.332	6.331	0.001	98	419871	10.0	9.69	
$ 53 2-Fluorobiphenyl	172	6.373	6.376	-0.003	97	1493856	10.0	9.89	
54 1,1'-Biphenyl	154	6.466	6.465	0.001	97	1636907	10.0	9.40	
55 2-Chloronaphthalene	162	6.479	6.478	0.001	98	1247779	10.0	9.41	
56 Phenyl ether	170	6.568	6.568	0.000	86	911735	10.0	9.98	
57 2-Nitroaniline	65	6.584	6.587	-0.003	97	407419	10.0	7.77	
58 1,3-Dimethylnaphthalene	156	6.690	6.689	0.001	93	1040475	10.0	10.0	
59 Dimethyl phthalate	163	6.767	6.769	-0.002	99	1415197	10.0	10.1	
60 Coumarin	146	6.777	6.776	0.000	81	462872	10.0	10.6	
61 2,6-Dinitrotoluene	165	6.818	6.821	-0.003	96	321347	10.0	10.3	
62 Acenaphthylene	152	6.866	6.869	-0.003	97	1971721	10.0	9.13	
63 3-Nitroaniline	138	6.975	6.977	-0.002	96	274159	10.0	7.64	
* 64 Acenaphthene-d10	164	7.001	7.003	-0.002	95	820821	8.00	8.00	
66 Acenaphthene	154	7.033	7.035	-0.002	96	1197514	10.0	9.41	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.039	7.041	-0.002	98	978651	10.0	8.76	
67 2,4-Dinitrophenol	184	7.074	7.077	-0.003	97	385109	20.0	19.7	
68 4-Nitrophenol	65	7.158	7.160	-0.002	93	239053	20.0	7.94	
69 2,4-Dinitrotoluene	165	7.196	7.198	-0.002	64	420967	10.0	10.8	
70 Dibenzofuran	168	7.196	7.198	-0.002	96	1764986	10.0	9.52	
71 2,3,4,6-Tetrachlorophenol	232	7.321	7.320	0.001	95	343321	10.0	10.2	
72 Diethyl phthalate	149	7.436	7.438	-0.002	98	1383284	10.0	10.2	
73 Fluorene	166	7.519	7.522	-0.003	95	1402102	10.0	9.42	
74 4-Chlorophenyl phenyl ether	204	7.529	7.528	0.001	90	689736	10.0	10.0	
75 4-Nitroaniline	138	7.555	7.554	0.001	91	295733	10.0	8.21	
76 4,6-Dinitro-2-methylphenol	198	7.580	7.583	-0.003	88	517149	20.0	21.7	
78 N-Nitrosodiphenylamine	169	7.641	7.643	-0.002	69	1006445	10.0	9.83	
79 1,2-Diphenylhydrazine	77	7.676	7.679	-0.003	50	1465794	10.0	8.85	
144 Azobenzene	77	7.676	7.679	-0.003	0	1465794	10.0	8.85	
$ 80 2,4,6-Tribromophenol	330	7.747	7.749	-0.002	92	291010	10.0	12.8	
81 4-Bromophenyl phenyl ether	248	7.987	7.989	-0.002	93	422829	10.0	11.6	
82 Hexachlorobenzene	284	8.038	8.037	0.001	94	524866	10.0	11.0	
83 Atrazine	200	8.160	8.159	0.001	92	292605	5.00	9.42	E
84 Pentachlorophenol	266	8.227	8.229	-0.002	96	555789	20.0	19.4	
85 Pentachloronitrobenzene	237	8.240	8.239	0.001	91	159659	10.0	10.7	
87 n-Octadecane	57	8.336	8.338	-0.002	92	1031522	10.0	9.03	
* 88 Phenanthrene-d10	188	8.397	8.399	-0.002	99	1393970	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	8.419	8.422	-0.003	98	1894470	10.0	9.57	
90 Anthracene	178	8.467	8.470	-0.003	98	1904234	10.0	9.46	
91 Carbazole	167	8.627	8.630	-0.003	96	1628879	10.0	9.08	
92 Di-n-butyl phthalate	149	8.979	8.982	-0.003	100	2034995	10.0	10.1	
93 Fluoranthene	202	9.539	9.541	-0.002	97	1762567	10.0	9.27	
94 Benzidine	184	9.680	9.683	-0.003	100	212607	10.0	2.23	
95 Pyrene	202	9.747	9.750	-0.003	96	1817968	10.0	11.7	
96 Bisphenol-A	213	9.820	9.824	-0.004	98	238628	5.00	4.50	
$ 97 Terphenyl-d14	244	9.913	9.917	-0.004	97	1440113	10.0	11.9	
98 Butyl benzyl phthalate	149	10.403	10.407	-0.004	98	646991	10.0	10.9	
100 Carbamazepine	193	10.489	10.493	-0.004	93	402288	10.0	7.97	
101 3,3'-Dichlorobenzidine	252	10.937	10.941	-0.004	99	469050	10.0	9.87	
102 Benzo[a]anthracene	228	10.950	10.951	-0.001	99	1432283	10.0	10.4	
* 103 Chrysene-d12	240	10.960	10.964	-0.004	99	870972	8.00	8.00	
104 Chrysene	228	10.989	10.989	0.000	98	1356737	10.0	10.3	
105 Bis(2-ethylhexyl) phthalate	149	11.040	11.044	-0.004	87	929772	10.0	10.8	
106 Di-n-octyl phthalate	149	11.820	11.825	-0.005	97	1414634	10.0	11.6	
107 Benzo[b]fluoranthene	252	12.227	12.229	-0.002	99	1347770	10.0	11.0	
108 Benzo[k]fluoranthene	252	12.262	12.268	-0.006	99	1400993	10.0	11.0	
109 Benzo[a]pyrene	252	12.646	12.649	-0.002	96	1201123	10.0	11.5	
* 110 Perylene-d12	264	12.719	12.725	-0.006	99	854669	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.169	14.173	-0.004	99	1376075	10.0	12.3	
112 Dibenz(a,h)anthracene	278	14.210	14.215	-0.005	98	1359560	10.0	10.9	
113 Benzo[g,h,i]perylene	276	14.540	14.548	-0.008	98	1329480	10.0	9.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

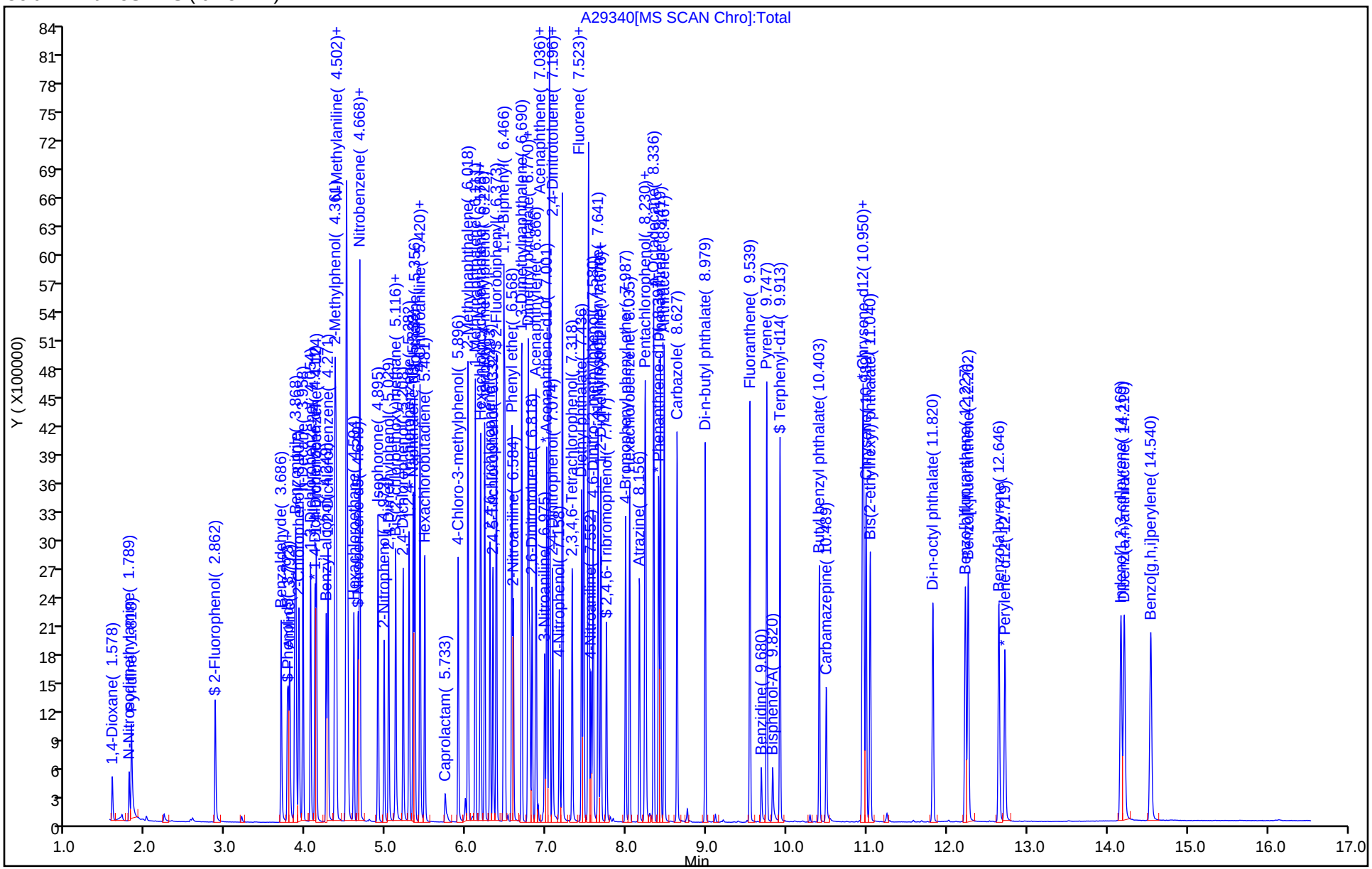
Report Date: 11-Dec-2023 09:57:53 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29340.D

Injection Date:	09-Dec-2023 17:13:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	LCSD 460-949013/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29340.D
Lims ID: LCSD 460-949013/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Dec-2023 17:13:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-006
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 09-Dec-2023 18:01:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	5.79	57.91
$ 6 Phenol-d5	10.0	4.80	48.05
$ 27 Nitrobenzene-d5	10.0	9.31	93.13
$ 53 2-Fluorobiphenyl	10.0	9.89	98.86
$ 80 2,4,6-Tribromophenol	10.0	12.8	128.13
$ 97 Terphenyl-d14	10.0	11.9	119.49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 MS MS | Lab Sample ID: 480-215449-8 MS

Matrix: Water | Lab File ID: A29355.D

Analysis Method: 8270E | Date Collected: 12/05/2023 10:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 22:29

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	108		10	1.1
208-96-8	Acenaphthylene	82.6		10	0.82
120-12-7	Anthracene	85.8		10	1.3
218-01-9	Chrysene	90.1		2.0	0.91
206-44-0	Fluoranthene	84.5		10	0.84
86-73-7	Fluorene	86.6		10	0.91
91-20-3	Naphthalene	109		2.0	0.54
85-01-8	Phenanthrene	87.5		10	1.3
129-00-0	Pyrene	96.7		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	123		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	115		51-145
1718-51-0	Terphenyl-d14 (Surr)	127		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29355.D
Lims ID: 480-215449-A-8-B MS
Client ID: MW-48S_20231205 MS
Sample Type: MS
Inject. Date: 09-Dec-2023 22:29:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-021
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:48

	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	1.575	1.584	-0.009	97	137722	10.0	4.71	
	2 N-Nitrosodimethylamine	74	1.786	1.792	-0.006	91	219766	10.0	4.58	
	3 Pyridine	79	1.814	1.817	-0.003	92	652921	20.0	8.86	
$	4 2-Fluorophenol	112	2.862	2.862	0.000	96	362835	10.0	5.78	
	5 Benzaldehyde	77	3.686	3.689	-0.003	96	355508	5.00	5.93	E
$	6 Phenol-d5	99	3.766	3.765	0.001	0	307342	10.0	4.06	
	7 Phenol	94	3.779	3.778	0.001	99	349520	10.0	4.02	
	8 Aniline	93	3.792	3.794	-0.002	99	712440	10.0	6.85	
	9 Bis(2-chloroethyl)ether	93	3.856	3.858	-0.002	97	680600	10.0	10.0	
	10 Benzonitrile	103	3.869	3.871	-0.002	99	1367648	NC	NC	
	11 2-Chlorophenol	128	3.907	3.909	-0.002	95	580888	10.0	8.88	
	12 n-Decane	43	3.958	3.961	-0.003	92	723319	10.0	7.52	
	13 1,3-Dichlorobenzene	146	4.054	4.053	0.001	95	714068	10.0	9.92	
*	14 1,4-Dichlorobenzene-d4	152	4.109	4.111	-0.002	95	355178	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.125	4.127	-0.002	94	733665	10.0	10.0	
	17 Benzyl alcohol	108	4.249	4.252	-0.003	94	322024	10.0	7.83	
	18 1,2-Dichlorobenzene	146	4.272	4.271	0.001	96	692814	10.0	10.0	
	19 2-Methylphenol	108	4.368	4.367	0.001	89	454245	10.0	7.59	
	20 2,2'-oxybis[1-chloropropane]	45	4.374	4.380	-0.006	95	1006878	10.0	8.81	
	21 N-Methylaniline	106	4.496	4.498	-0.002	97	932753	10.0	9.58	
	22 Acetophenone	105	4.502	4.504	-0.002	92	977127	10.0	10.5	
	23 N-Nitrosodi-n-propylamine	70	4.505	4.507	-0.002	87	530795	10.0	10.5	
	24 3 & 4 Methylphenol	108	4.518	4.520	-0.002	0	447050	10.0	6.48	
	25 4-Methylphenol	108	4.518	4.520	-0.002	90	437246	10.0	6.35	
	26 Hexachloroethane	117	4.595	4.594	0.001	96	272124	10.0	10.2	
$	27 Nitrobenzene-d5	82	4.646	4.648	-0.002	88	826411	10.0	11.5	
	28 Nitrobenzene	123	4.665	4.667	-0.002	98	343967	10.0	11.1	
	29 n,n'-Dimethylaniline	120	4.668	4.671	-0.003	99	1029970	10.0	10.3	
	30 Isophorone	82	4.896	4.898	-0.002	100	1355259	10.0	10.5	
	31 2-Nitrophenol	139	4.972	4.971	0.001	93	364762	10.0	10.8	
	33 2,4-Dimethylphenol	122	5.030	5.029	0.001	91	499395	10.0	9.26	
	34 Bis(2-chloroethoxy)methane	93	5.116	5.115	0.001	99	804336	10.0	9.94	

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	5.110	5.134	-0.024	94	69011	10.0	2.38	
36 2,4-Dichlorophenol	162	5.209	5.211	-0.002	96	508026	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	5.283	5.285	-0.002	94	597298	10.0	10.7	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1377615	8.00	8.00	
39 Naphthalene	128	5.353	5.355	-0.002	99	2718036	10.0	13.7	
40 4-Chloroaniline	127	5.417	5.419	-0.002	97	613169	10.0	8.35	
41 2,6-Dichlorophenol	162	5.420	5.422	-0.002	97	521989	10.0	10.4	
43 Hexachlorobutadiene	225	5.478	5.480	-0.002	97	333312	10.0	11.3	
44 Caprolactam	113	5.744	5.736	0.008	91	26584	5.00	1.79	
45 4-Chloro-3-methylphenol	107	5.894	5.899	-0.005	96	476650	10.0	9.42	
46 2-Methylnaphthalene	142	6.019	6.020	-0.001	94	1484668	10.0	12.1	
47 1-Methylnaphthalene	142	6.109	6.113	-0.004	93	1629573	10.0	14.5	
48 Hexachlorocyclopentadiene	237	6.170	6.171	-0.001	98	330463	10.0	8.75	
49 1,2,4,5-Tetrachlorobenzene	216	6.179	6.180	-0.001	98	599335	10.0	10.8	
50 2-tertbutyl-4-methylphenol	149	6.227	6.228	-0.001	92	849955	10.0	12.4	
51 2,4,6-Trichlorophenol	196	6.295	6.296	-0.001	91	383441	10.0	11.5	
52 2,4,5-Trichlorophenol	196	6.330	6.331	-0.001	96	394793	10.0	10.5	
$ 53 2-Fluorobiphenyl	172	6.371	6.376	-0.005	97	1609308	10.0	12.3	
54 1,1'-Biphenyl	154	6.464	6.465	-0.001	97	1604456	10.0	10.6	
55 2-Chloronaphthalene	162	6.477	6.478	-0.001	99	1206702	10.0	10.5	
56 Phenyl ether	170	6.567	6.568	-0.001	88	879527	10.0	11.1	
57 2-Nitroaniline	65	6.583	6.587	-0.004	96	382097	10.0	8.40	
58 1,3-Dimethylnaphthalene	156	6.689	6.689	0.000	92	1099616	10.0	12.2	
59 Dimethyl phthalate	163	6.766	6.769	-0.003	99	1351095	10.0	11.1	
60 Coumarin	146	6.775	6.776	-0.001	82	447174	10.0	11.5	
61 2,6-Dinitrotoluene	165	6.820	6.821	-0.001	97	311609	10.0	11.5	
62 Acenaphthylene	152	6.868	6.869	-0.001	97	1934325	10.0	10.3	
63 3-Nitroaniline	138	6.974	6.977	-0.003	96	247323	10.0	7.95	
* 64 Acenaphthene-d10	164	6.999	7.003	-0.004	97	711999	8.00	8.00	
66 Acenaphthene	154	7.031	7.035	-0.004	96	1485276	10.0	13.4	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.038	7.041	-0.003	98	1096968	10.0	11.3	
67 2,4-Dinitrophenol	184	7.073	7.077	-0.004	97	379014	20.0	22.3	
68 4-Nitrophenol	65	7.160	7.160	0.000	93	187792	20.0	7.20	
69 2,4-Dinitrotoluene	165	7.195	7.198	-0.003	96	408157	10.0	12.1	
70 Dibenzofuran	168	7.195	7.198	-0.003	95	1692579	10.0	10.5	
71 2,3,4,6-Tetrachlorophenol	232	7.320	7.320	0.000	95	328235	10.0	11.2	
72 Diethyl phthalate	149	7.435	7.438	-0.003	98	1304701	10.0	11.1	
73 Fluorene	166	7.519	7.522	-0.003	97	1397349	10.0	10.8	
74 4-Chlorophenyl phenyl ether	204	7.525	7.528	-0.003	90	654971	10.0	11.0	
75 4-Nitroaniline	138	7.551	7.554	-0.003	90	285846	10.0	9.15	
76 4,6-Dinitro-2-methylphenol	198	7.580	7.583	-0.003	87	475770	20.0	23.2	
78 N-Nitrosodiphenylamine	169	7.640	7.643	-0.003	93	952749	10.0	10.8	
79 1,2-Diphenylhydrazine	77	7.676	7.679	-0.003	51	1381356	10.0	9.69	
144 Azobenzene	77	7.676	7.679	-0.003	0	1381387	10.0	9.69	
$ 80 2,4,6-Tribromophenol	330	7.746	7.749	-0.003	93	318001	10.0	16.1	
77 1-Naphthylamine	143	7.746	7.795	-0.054	66	75137		NC	
81 4-Bromophenyl phenyl ether	248	7.987	7.989	-0.002	93	380341	10.0	12.1	
82 Hexachlorobenzene	284	8.035	8.037	-0.002	95	499794	10.0	12.2	
83 Atrazine	200	8.157	8.159	-0.002	93	164733	5.00	6.16	
84 Pentachlorophenol	266	8.230	8.229	0.001	95	400150	20.0	16.2	
85 Pentachloronitrobenzene	237	8.237	8.239	-0.002	91	148117	10.0	11.5	
87 n-Octadecane	57	8.336	8.338	-0.002	92	963208	10.0	9.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 2-Naphthylamine	143	8.394	8.393	-0.004	42	834		NC	
* 88 Phenanthrene-d10	188	8.397	8.399	-0.002	99	1200759	8.00	8.00	
89 Phenanthrene	178	8.420	8.422	-0.002	98	1863845	10.0	10.9	
90 Anthracene	178	8.468	8.470	-0.002	98	1860733	10.0	10.7	
91 Carbazole	167	8.628	8.630	-0.002	96	1550767	10.0	10.0	
92 Di-n-butyl phthalate	149	8.980	8.982	-0.002	100	1977910	10.0	11.4	
93 Fluoranthene	202	9.537	9.541	-0.004	97	1729854	10.0	10.6	
94 Benzidine	184	9.681	9.683	-0.002	99	231285	10.0	2.81	
95 Pyrene	202	9.745	9.750	-0.005	96	1784827	10.0	12.1	
96 Bisphenol-A	213	9.819	9.824	-0.005	99	235842	5.00	4.65	
$ 97 Terphenyl-d14	244	9.912	9.917	-0.005	97	1463162	10.0	12.7	
98 Butyl benzyl phthalate	149	10.402	10.407	-0.005	98	693070	10.0	12.3	
100 Carbamazepine	193	10.488	10.493	-0.005	93	295241	10.0	6.30	
101 3,3'-Dichlorobenzidine	252	10.937	10.941	-0.004	99	297418	10.0	6.57	
102 Benzo[a]anthracene	228	10.946	10.951	-0.005	99	1454871	10.0	11.1	
* 103 Chrysene-d12	240	10.956	10.964	-0.008	99	829749	8.00	8.00	
104 Chrysene	228	10.985	10.989	-0.004	98	1407124	10.0	11.3	
105 Bis(2-ethylhexyl) phthalate	149	11.036	11.044	-0.008	88	963220	10.0	11.8	
106 Di-n-octyl phthalate	149	11.820	11.825	-0.005	97	1539121	10.0	12.8	
107 Benzo[b]fluoranthene	252	12.224	12.229	-0.005	98	1378601	10.0	11.4	
108 Benzo[k]fluoranthene	252	12.259	12.268	-0.009	99	1533416	10.0	12.2	
109 Benzo[a]pyrene	252	12.643	12.649	-0.005	97	1320291	10.0	12.9	
* 110 Perylene-d12	264	12.717	12.725	-0.008	98	840394	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.167	14.173	-0.006	99	1535780	10.0	14.0	
112 Dibenz(a,h)anthracene	278	14.206	14.215	-0.009	98	1521002	10.0	12.4	
113 Benzo[g,h,i]perylene	276	14.536	14.548	-0.012	98	1477696	10.0	11.2	
S 114 Total Cresols	1				0			14.1	
119 4,4'-DDT	235	6.170	6.136	0.034	74	205647		NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

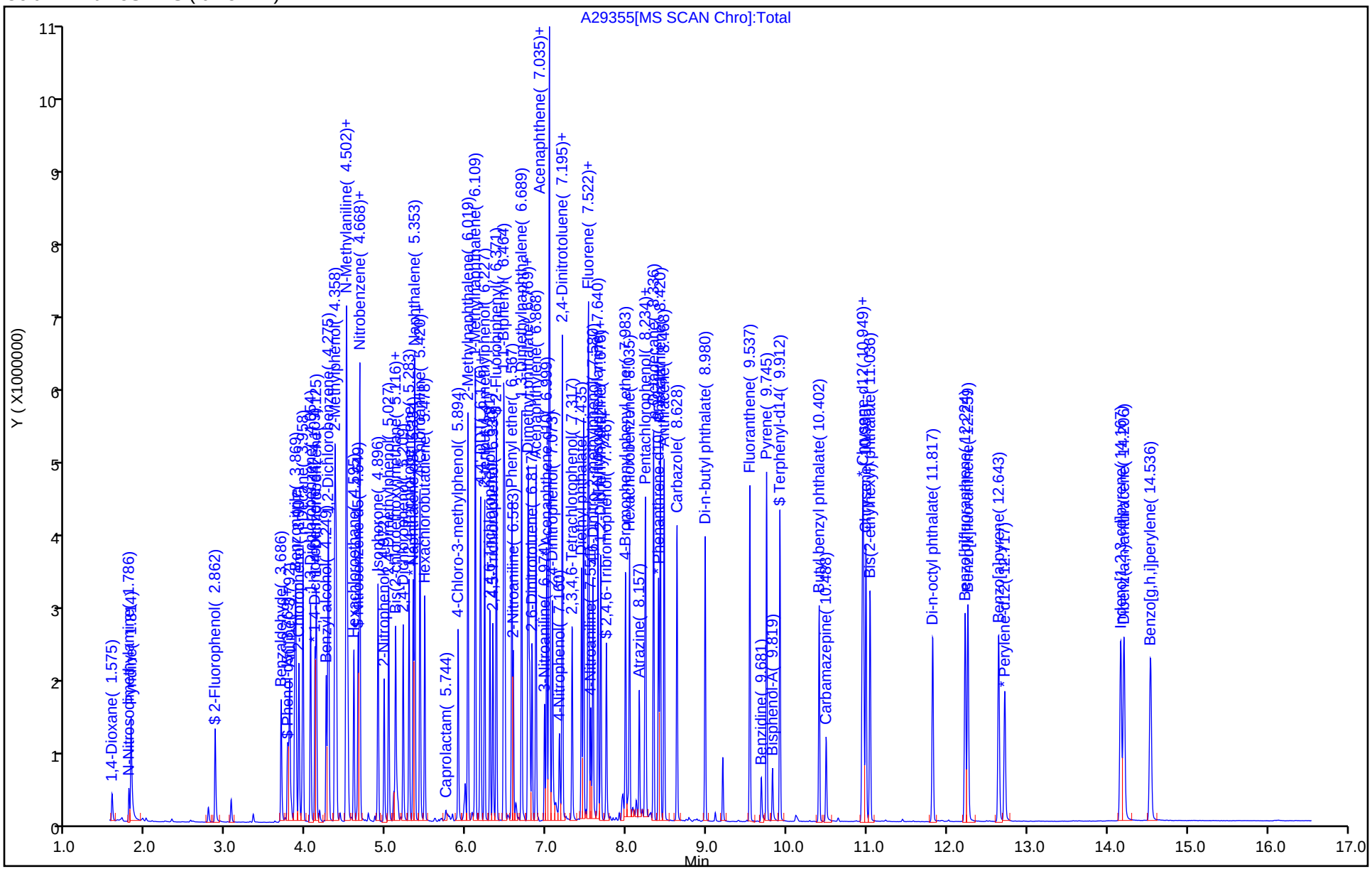
Report Date: 11-Dec-2023 10:03:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29355.D

Injection Date:	09-Dec-2023 22:29:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-8-B MS			Worklist Smp#:	21
Client ID:	MW-48S_20231205 MS				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29355.D
Lims ID: 480-215449-A-8-B MS
Client ID: MW-48S_20231205 MS
Sample Type: MS
Inject. Date: 09-Dec-2023 22:29:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-021
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	5.78	57.80
$ 6 Phenol-d5	10.0	4.06	40.55
$ 27 Nitrobenzene-d5	10.0	11.5	115.03
$ 53 2-Fluorobiphenyl	10.0	12.3	122.78
$ 80 2,4,6-Tribromophenol	10.0	16.1	161.42
$ 97 Terphenyl-d14	10.0	12.7	127.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 MSD MSD | Lab Sample ID: 480-215449-8 MSD

Matrix: Water | Lab File ID: A29356.D

Analysis Method: 8270E | Date Collected: 12/05/2023 10:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 22:50

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.: 949020 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	107		10	1.1
208-96-8	Acenaphthylene	82.0		10	0.82
120-12-7	Anthracene	84.8		10	1.3
218-01-9	Chrysene	89.6		2.0	0.91
206-44-0	Fluoranthene	81.4		10	0.84
86-73-7	Fluorene	84.8		10	0.91
91-20-3	Naphthalene	97.9		2.0	0.54
85-01-8	Phenanthrene	86.9		10	1.3
129-00-0	Pyrene	94.1		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	119		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	110		51-145
1718-51-0	Terphenyl-d14 (Surr)	110		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29356.D
Lims ID: 480-215449-A-8-C MSD
Client ID: MW-48S_20231205 MSD
Sample Type: MSD
Inject. Date: 09-Dec-2023 22:50:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-022
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.578	1.584	-0.006	97	140838	10.0	4.61	
	2 N-Nitrosodimethylamine	74	1.789	1.792	-0.003	91	223236	10.0	4.45	
	3 Pyridine	79	1.817	1.817	0.000	92	553328	20.0	7.19	
$	4 2-Fluorophenol	112	2.869	2.862	0.007	94	340989	10.0	5.20	
	5 Benzaldehyde	77	3.690	3.689	0.001	97	656361	5.00	10.5	E
$	6 Phenol-d5	99	3.770	3.765	0.005	0	282086	10.0	3.56	
	7 Phenol	94	3.782	3.778	0.004	99	336615	10.0	3.70	
	8 Aniline	93	3.795	3.794	0.001	99	744794	10.0	6.86	
	9 Bis(2-chloroethyl)ether	93	3.859	3.858	0.001	96	733937	10.0	10.3	
	10 Benzonitrile	103	3.872	3.871	0.001	99	1407826	NC	NC	
	11 2-Chlorophenol	128	3.910	3.909	0.001	95	597730	10.0	8.75	
	12 n-Decane	43	3.962	3.961	0.001	92	735617	10.0	7.32	
	13 1,3-Dichlorobenzene	146	4.054	4.053	0.001	95	736315	10.0	9.79	
*	14 1,4-Dichlorobenzene-d4	152	4.112	4.111	0.001	96	371169	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.128	4.127	0.001	93	748559	10.0	9.76	
	17 Benzyl alcohol	108	4.249	4.252	-0.003	94	334785	10.0	7.78	
	18 1,2-Dichlorobenzene	146	4.272	4.271	0.001	96	712426	10.0	9.88	
	19 2-Methylphenol	108	4.368	4.367	0.001	88	446644	10.0	7.15	
	20 2,2'-oxybis[1-chloropropane]	45	4.377	4.380	-0.003	95	1045822	10.0	8.75	
	21 N-Methylaniline	106	4.496	4.498	-0.002	98	1026553	10.0	10.1	
	22 Acetophenone	105	4.505	4.504	0.001	92	1011612	10.0	10.4	
	23 N-Nitrosodi-n-propylamine	70	4.509	4.507	0.001	88	550104	10.0	10.4	
	24 3 & 4 Methylphenol	108	4.518	4.520	-0.002	0	440082	10.0	6.10	
	25 4-Methylphenol	108	4.518	4.520	-0.002	89	431828	10.0	6.00	
	26 Hexachloroethane	117	4.595	4.594	0.001	96	275390	10.0	9.91	
$	27 Nitrobenzene-d5	82	4.649	4.648	0.001	87	829713	10.0	11.0	
	28 Nitrobenzene	123	4.669	4.667	0.002	94	354814	10.0	10.9	
	29 n,n'-Dimethylaniline	120	4.669	4.671	-0.002	94	1070658	10.0	10.3	
	30 Isophorone	82	4.896	4.898	-0.002	99	1412534	10.0	10.4	
	31 2-Nitrophenol	139	4.972	4.971	0.001	92	374891	10.0	10.5	
	33 2,4-Dimethylphenol	122	5.030	5.029	0.001	91	503161	10.0	8.87	
	34 Bis(2-chloroethoxy)methane	93	5.116	5.115	0.001	99	834014	10.0	9.79	

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	5.110	5.134	-0.024	94	102494	10.0	3.09	
36 2,4-Dichlorophenol	162	5.209	5.211	-0.002	96	522172	10.0	9.87	
37 1,2,4-Trichlorobenzene	180	5.283	5.285	-0.002	94	610828	10.0	10.4	
* 38 Naphthalene-d8	136	5.334	5.336	-0.002	99	1449621	8.00	8.00	
39 Naphthalene	128	5.357	5.355	0.002	99	2562335	10.0	12.2	
40 4-Chloroaniline	127	5.417	5.419	-0.002	98	698132	10.0	9.04	
41 2,6-Dichlorophenol	162	5.421	5.422	-0.001	96	528777	10.0	10.1	
43 Hexachlorobutadiene	225	5.478	5.480	-0.002	98	344005	10.0	11.1	
44 Caprolactam	113	5.744	5.736	0.008	92	40065	5.00	2.50	
45 4-Chloro-3-methylphenol	107	5.897	5.899	-0.002	96	489237	10.0	9.19	
46 2-Methylnaphthalene	142	6.019	6.020	-0.001	85	1515828	10.0	11.8	
47 1-Methylnaphthalene	142	6.112	6.113	-0.001	93	1683372	10.0	14.2	
48 Hexachlorocyclopentadiene	237	6.170	6.171	-0.001	97	349764	10.0	9.01	
49 1,2,4,5-Tetrachlorobenzene	216	6.179	6.180	-0.001	98	612270	10.0	10.8	
50 2-tertbutyl-4-methylphenol	149	6.227	6.228	-0.001	92	882014	10.0	12.2	
51 2,4,6-Trichlorophenol	196	6.291	6.296	-0.005	91	398848	10.0	11.7	
52 2,4,5-Trichlorophenol	196	6.330	6.331	-0.001	98	412067	10.0	10.7	
$ 53 2-Fluorobiphenyl	172	6.372	6.376	-0.004	97	1598042	10.0	11.9	
54 1,1'-Biphenyl	154	6.464	6.465	-0.001	97	1634311	10.0	10.5	
55 2-Chloronaphthalene	162	6.477	6.478	-0.001	98	1255304	10.0	10.6	
56 Phenyl ether	170	6.567	6.568	-0.001	86	913414	10.0	11.2	
57 2-Nitroaniline	65	6.583	6.587	-0.004	98	392085	10.0	8.39	
58 1,3-Dimethylnaphthalene	156	6.689	6.689	0.000	93	1146355	10.0	12.4	
59 Dimethyl phthalate	163	6.766	6.769	-0.003	99	1386297	10.0	11.1	
60 Coumarin	146	6.775	6.776	-0.001	82	457469	10.0	11.2	
61 2,6-Dinitrotoluene	165	6.817	6.821	-0.004	97	316729	10.0	11.4	
62 Acenaphthylene	152	6.868	6.869	-0.001	97	1974739	10.0	10.3	
63 3-Nitroaniline	138	6.974	6.977	-0.003	96	268593	10.0	8.39	
* 64 Acenaphthene-d10	164	6.999	7.003	-0.004	96	732055	8.00	8.00	
66 Acenaphthene	154	7.031	7.035	-0.004	96	1524722	10.0	13.4	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.038	7.041	-0.003	98	1134160	10.0	11.4	
67 2,4-Dinitrophenol	184	7.073	7.077	-0.004	97	383981	20.0	22.0	
68 4-Nitrophenol	65	7.156	7.160	-0.004	93	149333	20.0	5.56	
69 2,4-Dinitrotoluene	165	7.195	7.198	-0.003	64	403927	10.0	11.7	
70 Dibenzofuran	168	7.195	7.198	-0.003	95	1739029	10.0	10.5	
71 2,3,4,6-Tetrachlorophenol	232	7.320	7.320	0.000	94	326461	10.0	10.8	
72 Diethyl phthalate	149	7.435	7.438	-0.003	98	1307724	10.0	10.8	
73 Fluorene	166	7.519	7.522	-0.003	95	1407200	10.0	10.6	
74 4-Chlorophenyl phenyl ether	204	7.525	7.528	-0.003	90	674558	10.0	11.0	
75 4-Nitroaniline	138	7.551	7.554	-0.003	91	281400	10.0	8.76	
76 4,6-Dinitro-2-methylphenol	198	7.580	7.583	-0.003	90	493160	20.0	24.0	
78 N-Nitrosodiphenylamine	169	7.640	7.643	-0.003	75	973917	10.0	11.0	
79 1,2-Diphenylhydrazine	77	7.676	7.679	-0.003	50	1412999	10.0	9.87	
144 Azobenzene	77	7.676	7.679	-0.003	0	1415043	10.0	9.88	
$ 80 2,4,6-Tribromophenol	330	7.746	7.749	-0.003	92	302341	10.0	14.9	
77 1-Naphthylamine	143	7.743	7.795	-0.057	53	71178		NC	
81 4-Bromophenyl phenyl ether	248	7.983	7.989	-0.006	92	386447	10.0	12.2	
82 Hexachlorobenzene	284	8.035	8.037	-0.002	95	503549	10.0	12.2	
83 Atrazine	200	8.156	8.159	-0.003	93	361346	5.00	13.5	E
84 Pentachlorophenol	266	8.227	8.229	-0.002	96	547117	20.0	22.0	
85 Pentachloronitrobenzene	237	8.237	8.239	-0.002	91	152309	10.0	11.8	
87 n-Octadecane	57	8.333	8.338	-0.005	92	985792	10.0	9.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 2-Naphthylamine	143	8.461	8.393	0.063	22	110		NC	
* 88 Phenanthrene-d10	188	8.397	8.399	-0.002	99	1205451	8.00	8.00	
89 Phenanthrene	178	8.420	8.422	-0.002	98	1858468	10.0	10.9	
90 Anthracene	178	8.468	8.470	-0.002	98	1844623	10.0	10.6	
91 Carbazole	167	8.628	8.630	-0.002	96	1528696	10.0	9.86	
92 Di-n-butyl phthalate	149	8.980	8.982	-0.002	100	1898113	10.0	10.9	
93 Fluoranthene	202	9.537	9.541	-0.004	97	1674657	10.0	10.2	
94 Benzidine	184	9.678	9.683	-0.005	99	198118	10.0	2.40	
95 Pyrene	202	9.745	9.750	-0.005	96	1726968	10.0	11.8	
96 Bisphenol-A	213	9.819	9.824	-0.005	98	262243	5.00	5.15	
$ 97 Terphenyl-d14	244	9.912	9.917	-0.005	97	1258776	10.0	11.0	
98 Butyl benzyl phthalate	149	10.401	10.407	-0.006	98	672853	10.0	12.0	
100 Carbamazepine	193	10.491	10.493	-0.002	92	473231	10.0	9.73	
101 3,3'-Dichlorobenzidine	252	10.936	10.941	-0.005	99	465076	10.0	10.3	
102 Benzo[a]anthracene	228	10.946	10.951	-0.005	100	1428612	10.0	10.9	
* 103 Chrysene-d12	240	10.955	10.964	-0.009	99	825561	8.00	8.00	
104 Chrysene	228	10.984	10.989	-0.005	98	1392663	10.0	11.2	
105 Bis(2-ethylhexyl) phthalate	149	11.036	11.044	-0.008	88	952073	10.0	11.7	
106 Di-n-octyl phthalate	149	11.820	11.825	-0.005	97	1534578	10.0	12.1	
107 Benzo[b]fluoranthene	252	12.223	12.229	-0.006	99	1450587	10.0	11.4	
108 Benzo[k]fluoranthene	252	12.258	12.268	-0.010	99	1520185	10.0	11.5	
109 Benzo[a]pyrene	252	12.642	12.649	-0.006	98	1348835	10.0	12.5	
* 110 Perylene-d12	264	12.716	12.725	-0.009	99	885139	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.166	14.173	-0.007	99	1562579	10.0	13.5	
112 Dibenz(a,h)anthracene	278	14.208	14.215	-0.007	98	1577753	10.0	12.3	
113 Benzo[g,h,i]perylene	276	14.538	14.548	-0.010	98	1518522	10.0	10.9	
S 114 Total Cresols	1				0			13.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00196 Amount Added: 20.00 Units: uL Run Reagent

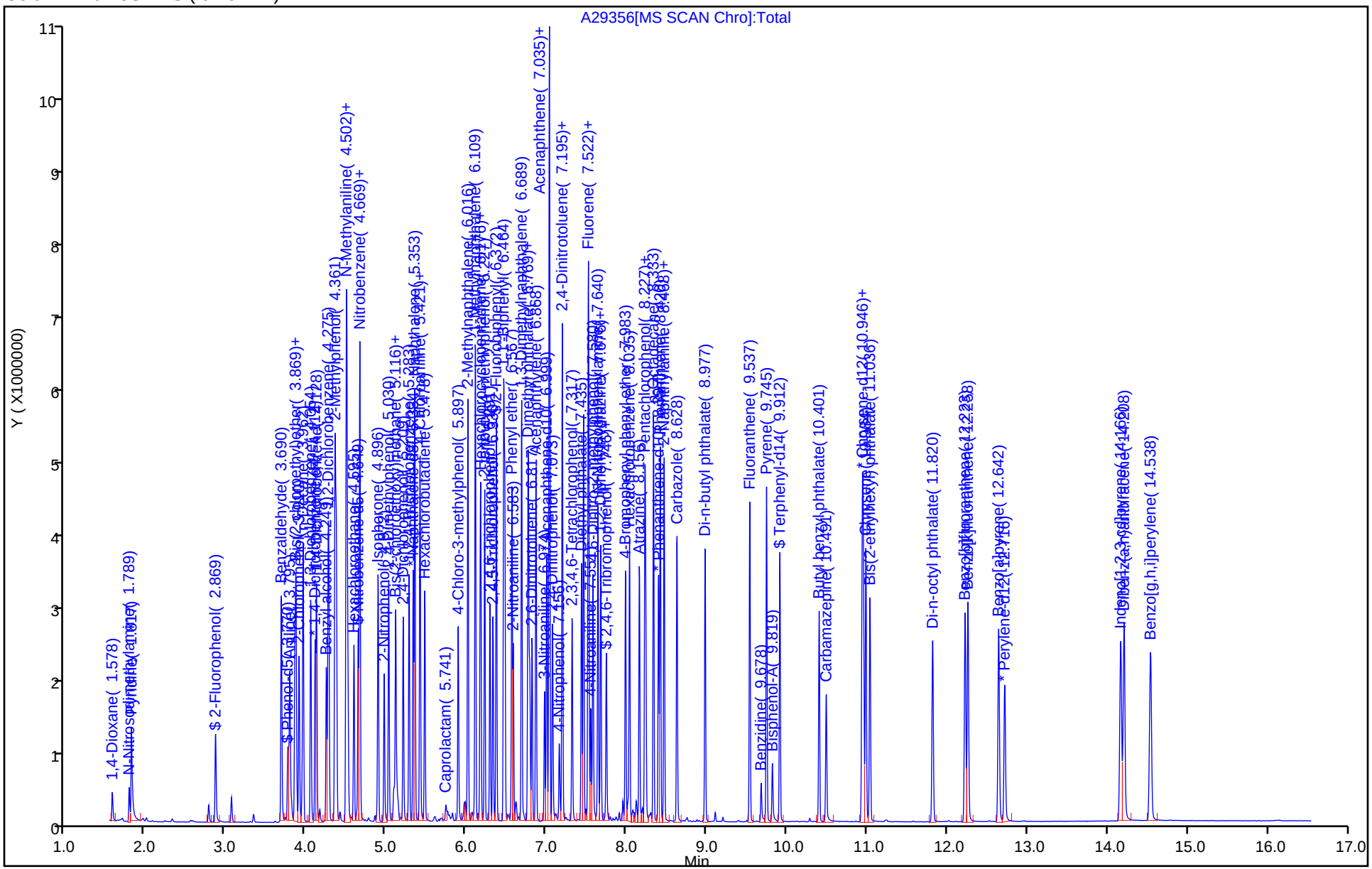
Report Date: 11-Dec-2023 10:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29356.D

Injection Date:	09-Dec-2023 22:50:30	Instrument ID:	CBNAMS16	Operator ID:	
Lims ID:	480-215449-A-8-C MSD			Worklist Smp#:	22
Client ID:	MW-48S_20231205 MSD				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270LVI_16	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\A29356.D
Lims ID: 480-215449-A-8-C MSD
Client ID: MW-48S_20231205 MSD
Sample Type: MSD
Inject. Date: 09-Dec-2023 22:50:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169925-022
Operator ID: Instrument ID: CBNAMS16

Method: \\chromfs\Edison\ChromData\CBNAMS16\20231209-169925.b\8270LVI_16.m
Limit Group: SV 8270E ICAL
Last Update: 11-Dec-2023 09:56:12 Calib Date: 17-Oct-2023 12:32:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS16\20231017-167445.b\A28076.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 17:23:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	5.20	51.98
$ 6 Phenol-d5	10.0	3.56	35.62
$ 27 Nitrobenzene-d5	10.0	11.0	109.75
$ 53 2-Fluorobiphenyl	10.0	11.9	118.58
$ 80 2,4,6-Tribromophenol	10.0	14.9	149.26
$ 97 Terphenyl-d14	10.0	11.0	110.19

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS16 Start Date: 10/17/2023 05:57

Analysis Batch Number: 938666 End Date: 10/17/2023 13:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-938666/1		10/17/2023 05:57	1	A28057.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-938666/3 IC		10/17/2023 06:54	1	A28060.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-938666/4 IC		10/17/2023 07:36	1	A28062.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-938666/5 IC		10/17/2023 08:19	1	A28064.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-938666/6 IC		10/17/2023 09:01	1	A28066.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-938666/7 IC		10/17/2023 09:43	1	A28068.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-938666/8 IC		10/17/2023 10:25	1	A28070.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-938666/9 IC		10/17/2023 11:08	1	A28072.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-938666/10 IC		10/17/2023 11:50	1	A28074.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-938666/11		10/17/2023 12:32	1	A28076.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-938666/12		10/17/2023 13:14	1	A28078.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS16 Start Date: 12/09/2023 15:46

Analysis Batch Number: 949020 End Date: 12/10/2023 02:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-949020/2		12/09/2023 15:46	1	A29336.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-949013/2-A		12/09/2023 16:50	1	A29339.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-949013/3-A		12/09/2023 17:13	1	A29340.D	Rtxi-5Sil MS 0.25(mm)
MB 460-949013/1-A		12/09/2023 17:34	1	A29341.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 17:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 18:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 18:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 18:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 19:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 19:41	1		Rtxi-5Sil MS 0.25(mm)
480-215449-1	MW-C11_20231204	12/09/2023 20:02	1	A29348.D	Rtxi-5Sil MS 0.25(mm)
480-215449-2	MW-C12_20231204	12/09/2023 20:23	1	A29349.D	Rtxi-5Sil MS 0.25(mm)
480-215449-3	MW-C16_20231204	12/09/2023 20:44	1	A29350.D	Rtxi-5Sil MS 0.25(mm)
480-215449-4	MW-13S_20231204	12/09/2023 21:05	1	A29351.D	Rtxi-5Sil MS 0.25(mm)
480-215449-5	MW-22S_20231204	12/09/2023 21:26	1	A29352.D	Rtxi-5Sil MS 0.25(mm)
480-215449-6	MW-23S_20231205	12/09/2023 21:47	1	A29353.D	Rtxi-5Sil MS 0.25(mm)
480-215449-8	MW-48S_20231205	12/09/2023 22:08	1	A29354.D	Rtxi-5Sil MS 0.25(mm)
480-215449-8 MS	MW-48S_20231205 MS MS	12/09/2023 22:29	1	A29355.D	Rtxi-5Sil MS 0.25(mm)
480-215449-8 MSD	MW-48S_20231205 MSD MSD	12/09/2023 22:50	1	A29356.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 23:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 23:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/10/2023 00:56	1		Rtxi-5Sil MS 0.25(mm)
480-215449-9	DUP-1_202312	12/10/2023 01:38	5	A29364.D	Rtxi-5Sil MS 0.25(mm)
480-215449-7	MW-46S_20231205	12/10/2023 01:59	5	A29365.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/10/2023 02:20	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 938666 Batch Start Date: 10/17/23 05:57 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SMDFTP_CH 00035	SV_BNAL1_LVI 00005	SV_BNAL2_LVI 00005	SV_BNAL3_LVI 00007	SV_BNAL4_LVI 00007
DFTPP 460-938666/1		8270E		1 mL	1 mL				
STD24 460-938666/3 IC		8270E		1 mL					
STD16 460-938666/4 IC		8270E		1 mL					
STD4 460-938666/5 IC		8270E		1 mL					
STD2 460-938666/6 IC		8270E		1 mL					
STD1 460-938666/7 IC		8270E		1 mL					1 mL
STD04 460-938666/8 IC		8270E		1 mL				1 mL	
STD02 460-938666/9 IC		8270E		1 mL			1 mL		
STD01 460-938666/10 IC		8270E		1 mL		1 mL			
ICIS 460-938666/11		8270E		1 mL					
ICV 460-938666/12		8270E		1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00007	SV_BNAL6_LVI 00008	SV_BNAL7_LVI 00008	SV_BNAL8_LVI 00007	SV_BNAL9_LVI 00006	SV_ICV_ LVI 00010
DFTPP 460-938666/1		8270E							
STD24 460-938666/3 IC		8270E						1 mL	
STD16 460-938666/4 IC		8270E					1 mL		
STD4 460-938666/5 IC		8270E			1 mL				
STD2 460-938666/6 IC		8270E		1 mL					
STD1 460-938666/7 IC		8270E							
STD04 460-938666/8 IC		8270E							
STD02 460-938666/9 IC		8270E							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 938666 Batch Start Date: 10/17/23 05:57 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SV_BNAL5_LVI 00007	SV_BNAL6_LVI 00008	SV_BNAL7_LVI 00008	SV_BNAL8_LVI 00007	SV_BNAL9_LVI 00006	SV_ICV_ LVI 00010
STD01 460-938666/10 IC		8270E							
ICIS 460-938666/11		8270E				1 mL			
ICV 460-938666/12		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.: 480-215449-1

SDG No.:

Batch Number: 949013 Batch Start Date: 12/09/23 10:47 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00020
MB 460-949013/1		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-949013/2		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-949013/3		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
480-215449-A-1	MW-C11_20231204	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-2	MW-C12_20231204	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-3	MW-C16_20231204	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-4	MW-13S_20231204	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-5	MW-22S_20231204	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-6	MW-23S_20231205	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-7	MW-46S_20231205	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-8	MW-48S_20231205	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-8 MS	MW-48S_20231205 MS	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	5 uL
480-215449-A-8 MSD	MW-48S_20231205 MSD	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	5 uL
480-215449-A-9	DUP-1_202312	3510C, 8270E	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00051	OP_BNASurroga 00027				
MB 460-949013/1		3510C, 8270E			200 uL				
LCS 460-949013/2		3510C, 8270E		200 uL	200 uL				
LCSD 460-949013/3		3510C, 8270E		200 uL	200 uL				
480-215449-A-1	MW-C11_20231204	3510C, 8270E	T		200 uL				
480-215449-A-2	MW-C12_20231204	3510C, 8270E	T		200 uL				
480-215449-A-3	MW-C16_20231204	3510C, 8270E	T		400 uL				
480-215449-A-4	MW-13S_20231204	3510C, 8270E	T		200 uL				
480-215449-A-5	MW-22S_20231204	3510C, 8270E	T		200 uL				
480-215449-A-6	MW-23S_20231205	3510C, 8270E	T		200 uL				
480-215449-A-7	MW-46S_20231205	3510C, 8270E	T		200 uL				
480-215449-A-8	MW-48S_20231205	3510C, 8270E	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.: 480-215449-1

SDG No.:

Batch Number: 949013 Batch Start Date: 12/09/23 10:47 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00051	OP_BNASurroga 00027				
480-215449-A-8 MS	MW-48S_20231205 MS	3510C, 8270E	T	200 uL	200 uL				
480-215449-A-8 MSD	MW-48S_20231205 MSD	3510C, 8270E	T	200 uL	200 uL				
480-215449-A-9	DUP-1_202312	3510C, 8270E	T		200 uL				

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	224621
Base Used to Adjust pH ID	2212A21
Prep Solvent ID	Methylene Chloride: 23D2662005
Na2SO4 ID	225878
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21086154A
Batch Comment	BNA 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.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 282967.D

Lab ID: LCS 460-949013/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzo[a]anthracene	2.00	2.50	125	33-139	
Benzo[a]pyrene	2.00	2.65	133	32-140	
Benzo[b]fluoranthene	2.00	2.06	103	34-136	
Benzo[g,h,i]perylene	2.00	2.15	107	20-150	
Benzo[k]fluoranthene	2.00	2.25	113	35-150	
Dibenz(a,h)anthracene	2.00	2.22	111	14-150	
Indeno[1,2,3-cd]pyrene	2.00	2.38	119	12-145	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 282968.D

Lab ID: LCSD 460-949013/5-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	2.67	134	6	30	33-139	
Benzo[a]pyrene	2.00	2.82	141	6	30	32-140	*+
Benzo[b]fluoranthene	2.00	2.29	115	10	30	34-136	
Benzo[g,h,i]perylene	2.00	2.42	121	12	30	20-150	
Benzo[k]fluoranthene	2.00	2.44	122	8	30	35-150	
Dibenz(a,h)anthracene	2.00	2.48	124	11	30	14-150	
Indeno[1,2,3-cd]pyrene	2.00	2.64	132	10	30	12-145	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab File ID: 282966.D Lab Sample ID: MB 460-949013/1-A

Matrix: Water Date Extracted: 12/09/2023 10:47

Instrument ID: CBNAMS9 Date Analyzed: 12/09/2023 20:02

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-949013/4-A	282967.D	12/09/2023 20:22
	LCSD 460-949013/5-A	282968.D	12/09/2023 20:43
MW-C11_20231204	480-215449-1	C29270.D	12/11/2023 11:30
MW-C12_20231204	480-215449-2	C29271.D	12/11/2023 11:51
MW-C16_20231204	480-215449-3	C29272.D	12/11/2023 12:12
MW-13S_20231204	480-215449-4	C29273.D	12/11/2023 12:33
MW-22S_20231204	480-215449-5	C29274.D	12/11/2023 12:54
MW-23S_20231205	480-215449-6	C29275.D	12/11/2023 13:15
MW-46S_20231205	480-215449-7	C29276.D	12/11/2023 13:36
MW-48S_20231205	480-215449-8	C29277.D	12/11/2023 13:56
DUP-1_202312	480-215449-9	C29278.D	12/11/2023 14:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab File ID: C29167.D DFTPP Injection Date: 12/07/2023

Instrument ID: CBNAMS13 DFTPP Injection Time: 14:33

Analysis Batch No.: 948564

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.6 (1.7) 1
69	Present	34.8
70	Less than 2% of m/z 69	0.1 (0.4) 1
197	Less than 2% of m/z 198	0.7
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	21.7 (81.1) 3
442	Present	137.8
443	15-24% of m/z 442	26.8 (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 460-948564/2	C29168.D	12/07/2023	14:51
	STD7 460-948564/3	C29170.D	12/07/2023	15:35
	STD6 460-948564/4	C29172.D	12/07/2023	16:18
	STD4 460-948564/5	C29174.D	12/07/2023	17:02
	STD3 460-948564/6	C29176.D	12/07/2023	17:46
	STD2 460-948564/7	C29178.D	12/07/2023	18:30
	STD1 460-948564/8	C29180.D	12/07/2023	19:14
	ICV 460-948564/9	C29182.D	12/07/2023	19:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab File ID: 282175.D DFTPP Injection Date: 11/08/2023

Instrument ID: CBNAMS9 DFTPP Injection Time: 05:43

Analysis Batch No.: 943321

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.3	(0.8) 1
69	Present	35.6	
70	Less than 2% of m/z 69	0.2	(0.4) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	7.4	
365	Greater than 1% of Base Peak	5.7	
441	Less than 150% of m/z 443	28.4	(87.7) 3
442	Present	172.8	
443	15-24% of m/z 442	32.4	(18.8) 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
	STD7 460-943321/3	282178.D	11/08/2023	6:44
	STD6 460-943321/4	282180.D	11/08/2023	7:28
	STD4 460-943321/5	282182.D	11/08/2023	8:11
	STD3 460-943321/6	282184.D	11/08/2023	8:55
	STD2 460-943321/7	282186.D	11/08/2023	9:39
	STD1 460-943321/8	282188.D	11/08/2023	10:23
	ICIS 460-943321/9	282191.D	11/08/2023	11:30
	ICV 460-943321/10	282193.D	11/08/2023	12:13

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

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-948564/2 Date Analyzed: 12/07/2023 14:51

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C29168.D Heated Purge: (Y/N) N

Calibration ID: 95368

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		25325	3.76	78756	5.00	35720	6.67
UPPER LIMIT		50650	4.26	157512	5.50	71440	7.17
LOWER LIMIT		12663	3.26	39378	4.50	17860	6.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-948564/9		25535	3.76	76916	5.00	32373	6.67

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.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-948564/2 Date Analyzed: 12/07/2023 14:51

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C29168.D Heated Purge: (Y/N) N

Calibration ID: 95368

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		59958	8.06	28818	10.57	23840	12.21
UPPER LIMIT		119916	8.56	57636	11.07	47680	12.71
LOWER LIMIT		29979	7.56	14409	10.07	11920	11.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-948564/9		51896	8.06	22316	10.57	17369	12.21

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.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949181/2 Date Analyzed: 12/11/2023 10:07

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C29266.D Heated Purge: (Y/N) N

Calibration ID: 95368

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33016	3.77	104948	5.01	48698	6.68
UPPER LIMIT		66032	4.27	209896	5.51	97396	7.18
LOWER LIMIT		16508	3.27	52474	4.51	24349	6.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-215449-1	MW-C11_20231204	30414	3.77	94834	5.01	42236	6.68
480-215449-2	MW-C12_20231204	29325	3.77	89452	5.01	40519	6.68
480-215449-3	MW-C16_20231204	30116	3.77	92483	5.01	41645	6.68
480-215449-4	MW-13S_20231204	29231	3.77	90422	5.01	40721	6.68
480-215449-5	MW-22S_20231204	29963	3.77	91820	5.01	40923	6.68
480-215449-6	MW-23S_20231205	28675	3.77	86979	5.01	39409	6.68
480-215449-7	MW-46S_20231205	27439	3.77	85009	5.01	43743	6.68
480-215449-8	MW-48S_20231205	27690	3.77	83410	5.01	38269	6.68
480-215449-9	DUP-1_202312	28679	3.77	88678	5.01	45557	6.68

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949181/2 Date Analyzed: 12/11/2023 10:07

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C29266.D Heated Purge: (Y/N) N

Calibration ID: 95368

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		82974	8.08	44047	10.60	39022	12.25
UPPER LIMIT		165948	8.58	88094	11.10	78044	12.75
LOWER LIMIT		41487	7.58	22024	10.10	19511	11.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
480-215449-1	MW-C11_20231204	74934	8.08	37821	10.59	33733	12.25
480-215449-2	MW-C12_20231204	70476	8.08	33839	10.59	30197	12.25
480-215449-3	MW-C16_20231204	71790	8.08	33860	10.59	29877	12.25
480-215449-4	MW-13S_20231204	69671	8.08	32853	10.59	29224	12.25
480-215449-5	MW-22S_20231204	70669	8.08	34615	10.59	31030	12.25
480-215449-6	MW-23S_20231205	68032	8.08	32217	10.59	29824	12.25
480-215449-7	MW-46S_20231205	67852	8.08	32221	10.59	27675	12.25
480-215449-8	MW-48S_20231205	65469	8.08	30827	10.59	27439	12.25
480-215449-9	DUP-1_202312	69450	8.08	31317	10.59	28317	12.25

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.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-943321/9 Date Analyzed: 11/08/2023 11:30

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 282191.D Heated Purge: (Y/N) N

Calibration ID: 94932

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		14173	4.26	40122	5.47	26007	7.14
UPPER LIMIT		28346	4.76	80244	5.97	52014	7.64
LOWER LIMIT		7087	3.76	20061	4.97	13004	6.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-943321/10		12667	4.26	36863	5.47	23222	7.14

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.: 480-215449-1

SDG No.:

Sample No.: ICIS 460-943321/9 Date Analyzed: 11/08/2023 11:30

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 282191.D Heated Purge: (Y/N) N

Calibration ID: 94932

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		44275	8.54	20198	11.13	16357	12.97
UPPER LIMIT		88550	9.04	40396	11.63	32714	13.47
LOWER LIMIT		22138	8.04	10099	10.63	8179	12.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-943321/10		38601	8.54	18667	11.13	15424	12.97

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.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949034/2 Date Analyzed: 12/09/2023 15:01

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 282952.D Heated Purge: (Y/N) N

Calibration ID: 94932

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18553	4.18	52405	5.40	31586	7.06
UPPER LIMIT		37106	4.68	104810	5.90	63172	7.56
LOWER LIMIT		9277	3.68	26203	4.90	15793	6.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-949013/1-A		18026	4.18	51133	5.39	29480	7.06
LCS 460-949013/4-A		20586	4.18	56189	5.39	31199	7.06
LCSD 460-949013/5-A		17008	4.18	47113	5.39	28113	7.06

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.: 480-215449-1

SDG No.:

Sample No.: CCVIS 460-949034/2 Date Analyzed: 12/09/2023 15:01

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 282952.D Heated Purge: (Y/N) N

Calibration ID: 94932

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		51025	8.47	25166	11.05	25308	12.85
UPPER LIMIT		102050	8.97	50332	11.55	50616	13.35
LOWER LIMIT		25513	7.97	12583	10.55	12654	12.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-949013/1-A		40375	8.47	22208	11.05	24107	12.85
LCS 460-949013/4-A		46427	8.47	24553	11.05	23299	12.85
LCSD 460-949013/5-A		41651	8.47	22567	11.05	20548	12.85

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.: 480-215449-1

SDG No.:

Client Sample ID: MW-C11_20231204 | Lab Sample ID: 480-215449-1

Matrix: Water | Lab File ID: C29270.D

Analysis Method: 8270E SIM | Date Collected: 12/04/2023 11:25

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 11:30

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.: 949181 | 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\20231211-169974.b\C29270.D
Lims ID: 480-215449-A-1-A
Client ID: MW-C11_20231204
Sample Type: Client
Inject. Date: 11-Dec-2023 11:30:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-006
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 10:30:55 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: QQ8R Date: 11-Dec-2023 12:33:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	30414	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	94834	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	96	42236	0.2000	
* 17 Phenanthrene-d10	188	8.075	8.076	-0.001	100	74934	0.2000	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	97	37821	0.2000	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	33733	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

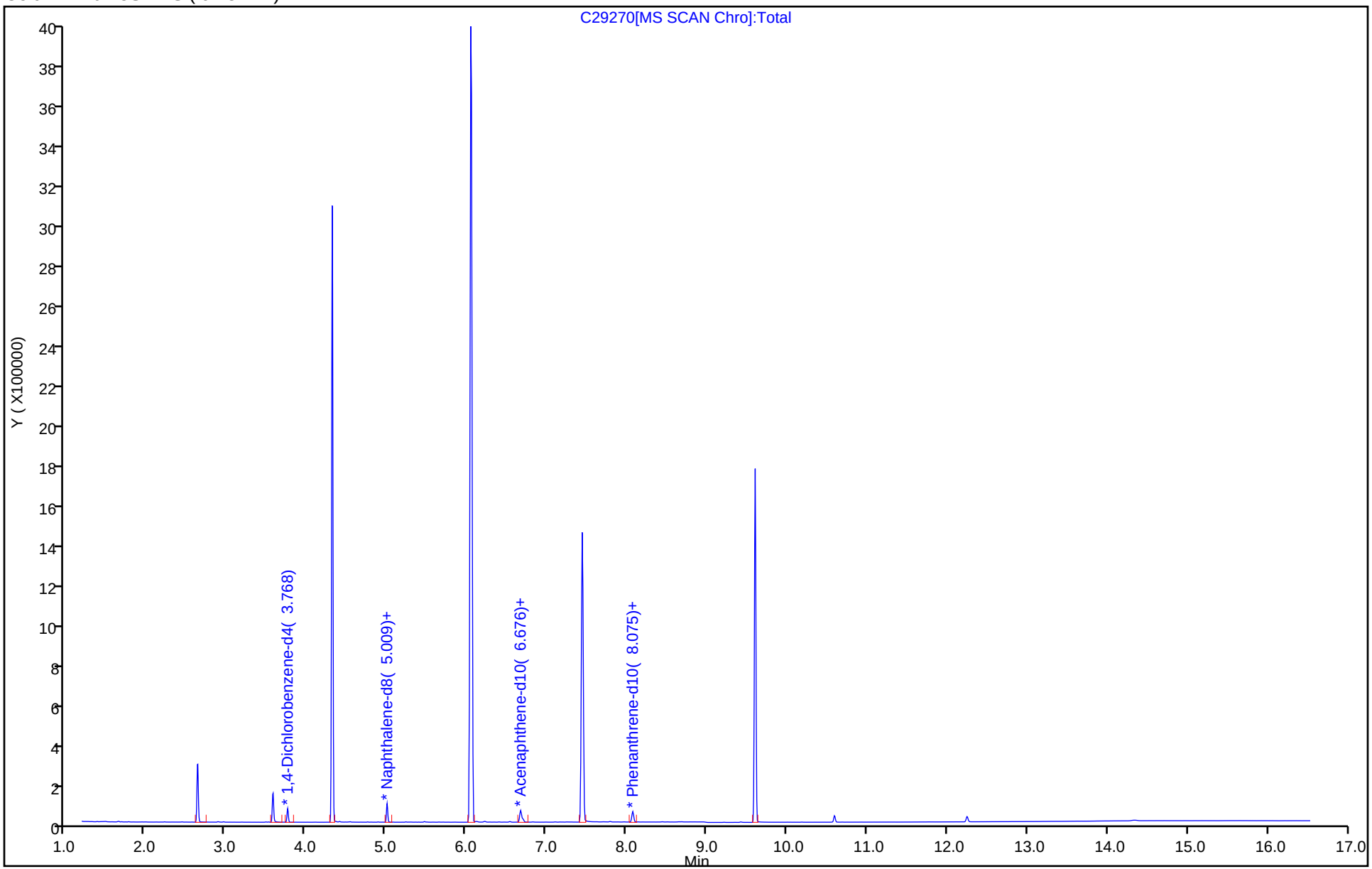
Report Date: 11-Dec-2023 12:33:05 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D

Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1	Worklist Smp#:	6
Client ID:	MW-C11_20231204				
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\20231211-169974.b\C29270.D				
Lims ID:	480-215449-A-1-A				
Client ID:	MW-C11_20231204				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 11:30:30	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-006				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 10:30:55	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1621				
First Level Reviewer: QQ8R		Date:	11-Dec-2023 12:33:05		

Compound	Amount Added	Amount Recovered	% Rec.

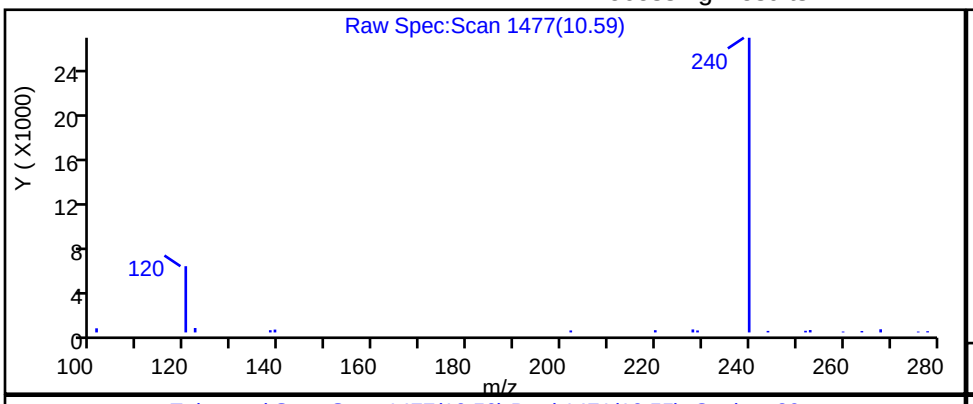
User Disabled Compound Report

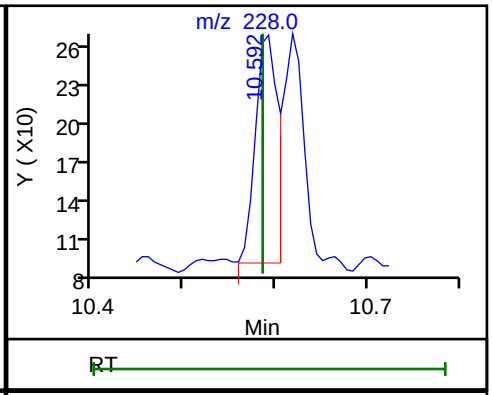
Eurofins Edison

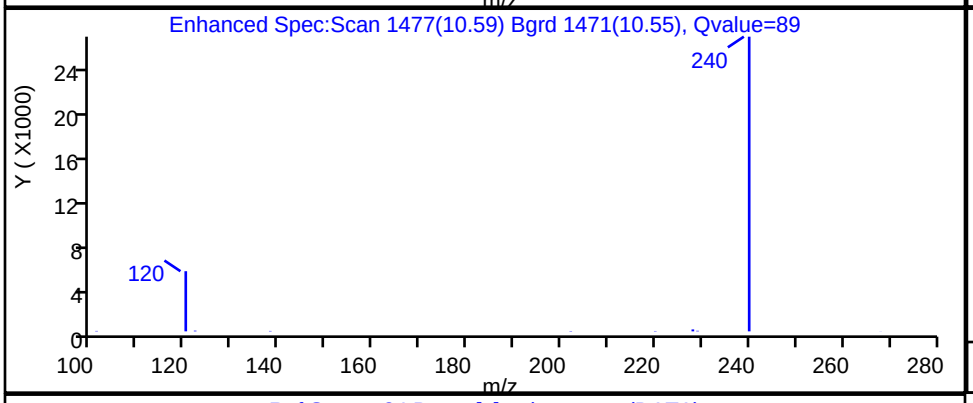
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

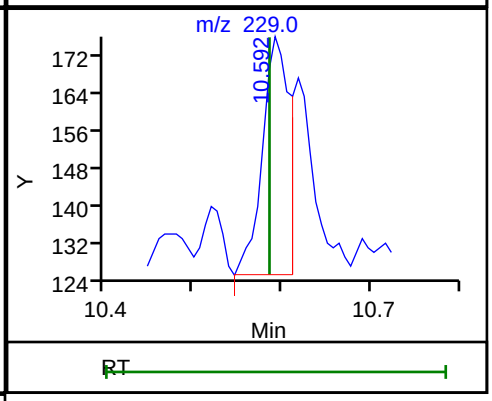
24 Benzo[a]anthracene, CAS: 56-55-3

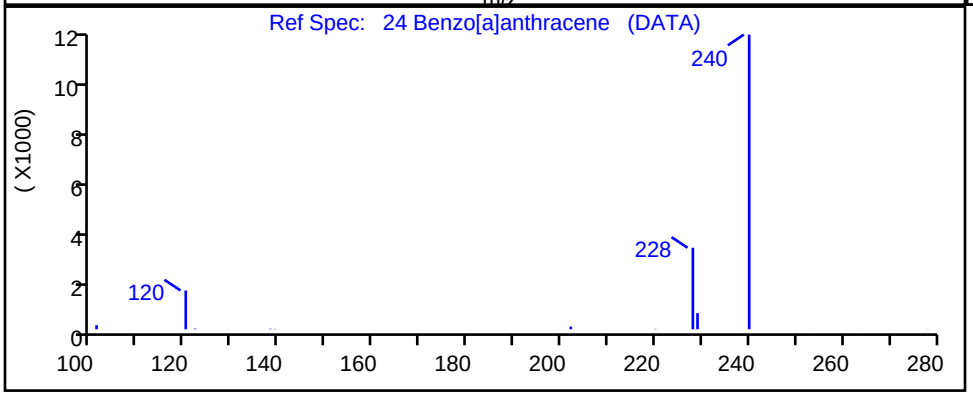
Processing Results











RT	Mass	Response	Amount
10.59	228.00	299	0.000922
10.59	229.00	113	

Reviewer: G4KC, 11-Dec-2023 12:08:02 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

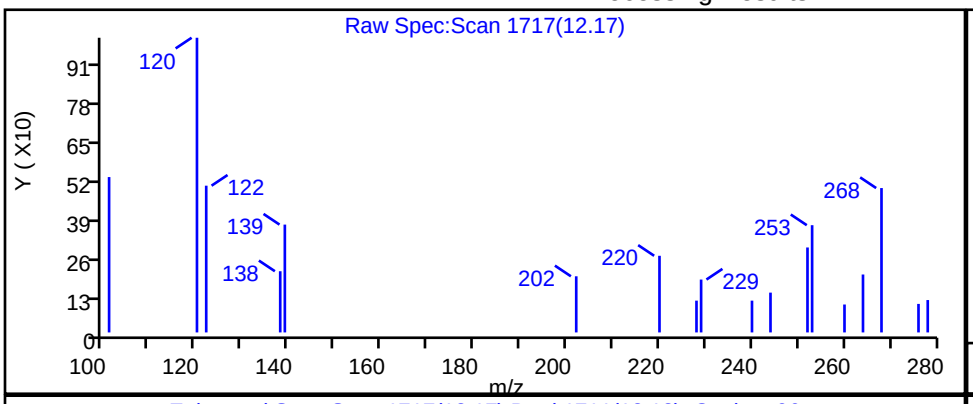
User Disabled Compound Report

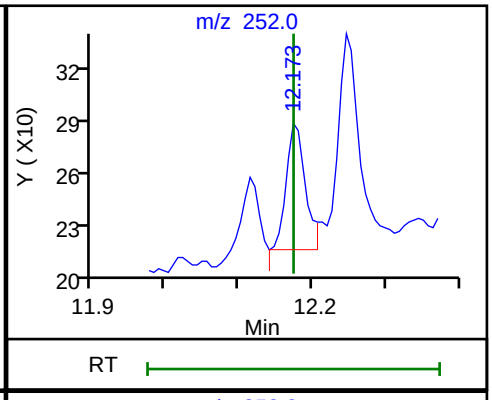
Eurofins Edison

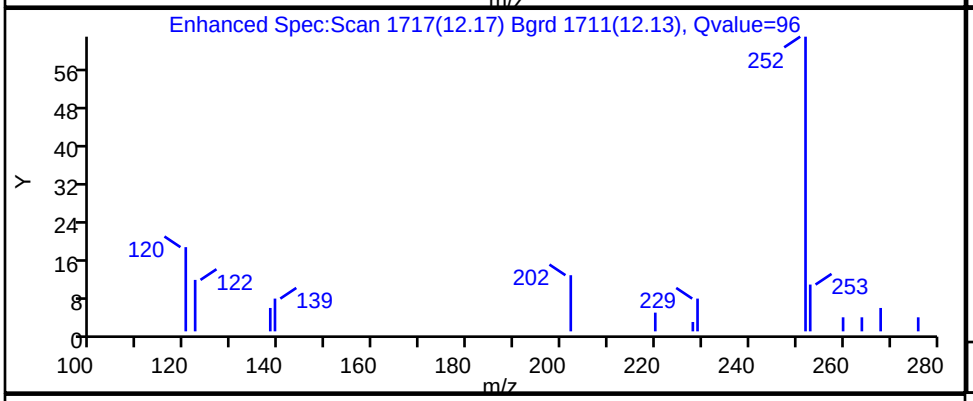
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

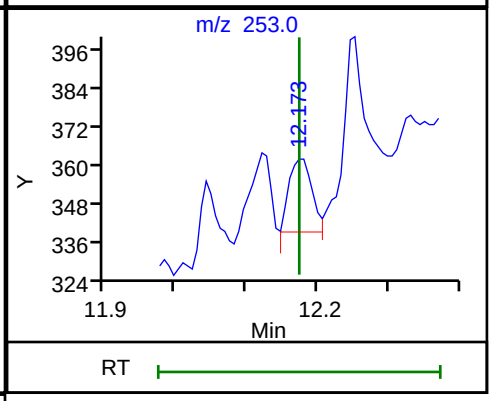
29 Benzo[a]pyrene, CAS: 50-32-8

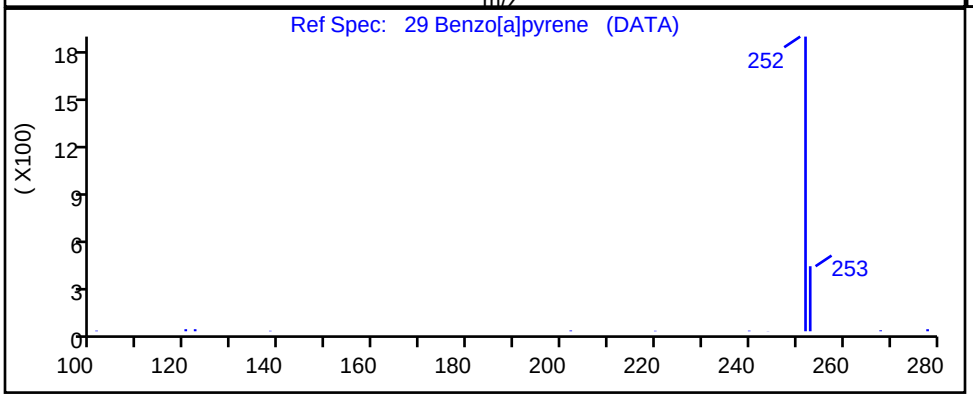
Processing Results











RT	Mass	Response	Amount
12.17	252.00	125	0.000549
12.17	253.00	52	

Reviewer: G4KC, 11-Dec-2023 12:08:07 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

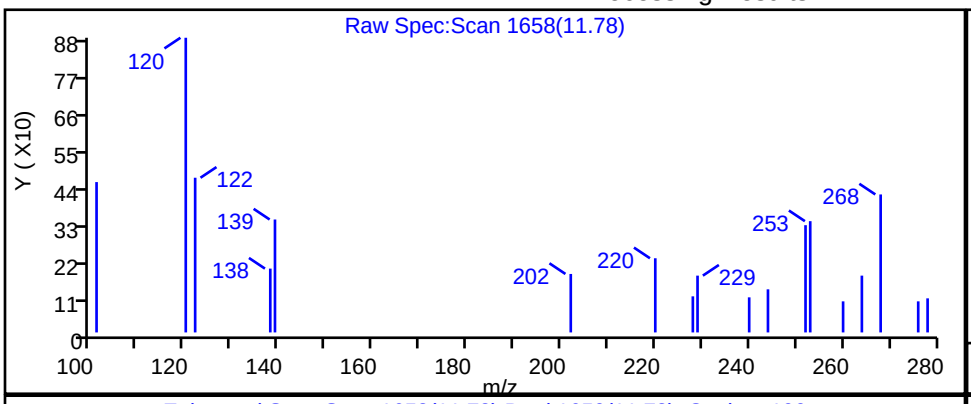
User Disabled Compound Report

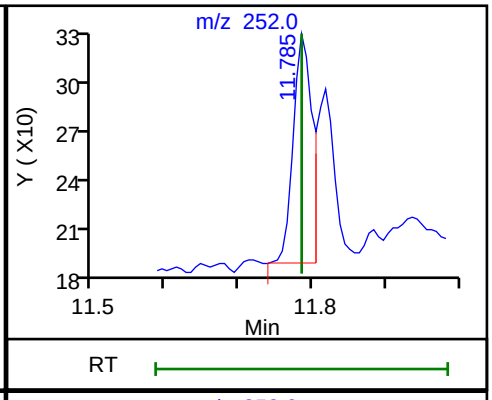
Eurofins Edison

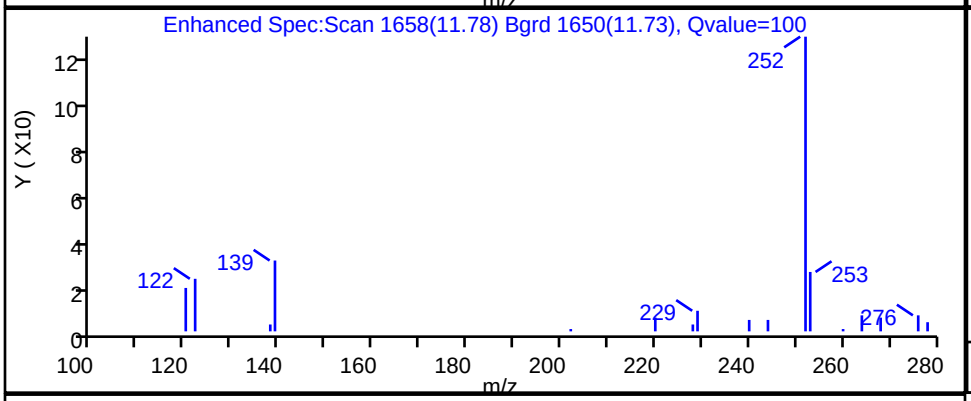
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

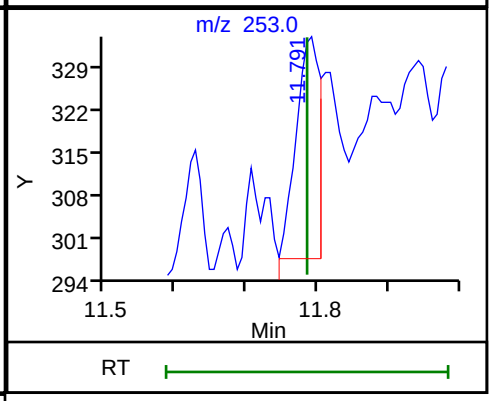
27 Benzo[b]fluoranthene, CAS: 205-99-2

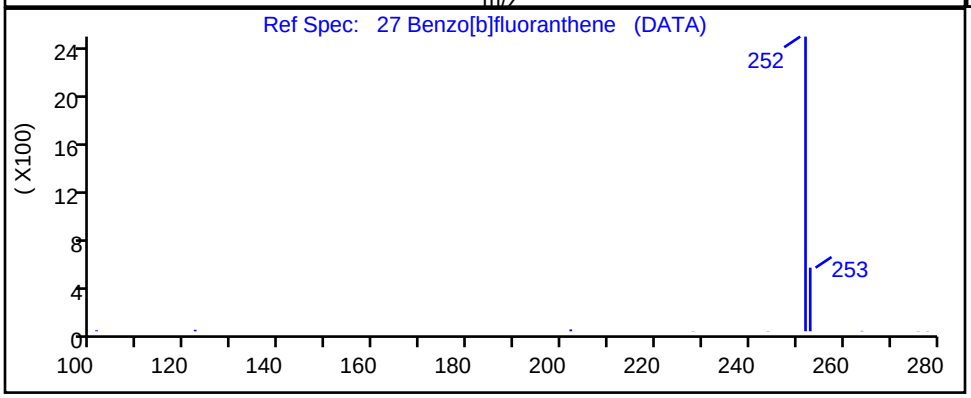
Processing Results











RT	Mass	Response	Amount
11.78	252.00	238	0.000750
11.79	253.00	87	

Reviewer: G4KC, 11-Dec-2023 12:08:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

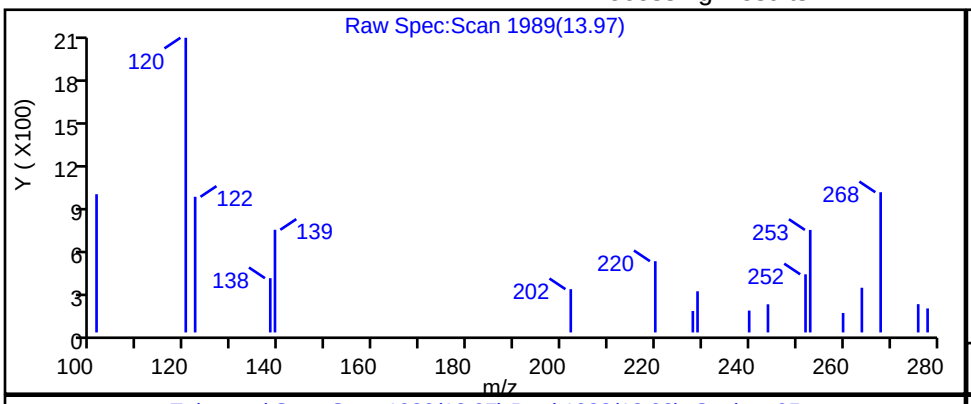
User Disabled Compound Report

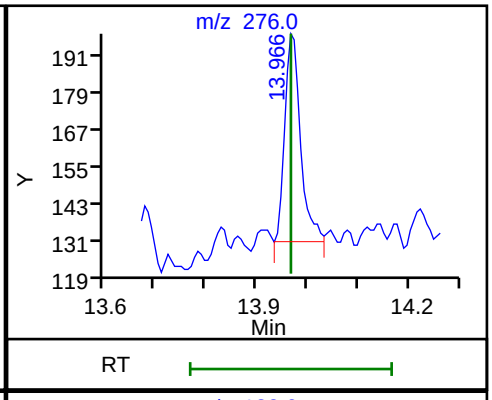
Eurofins Edison

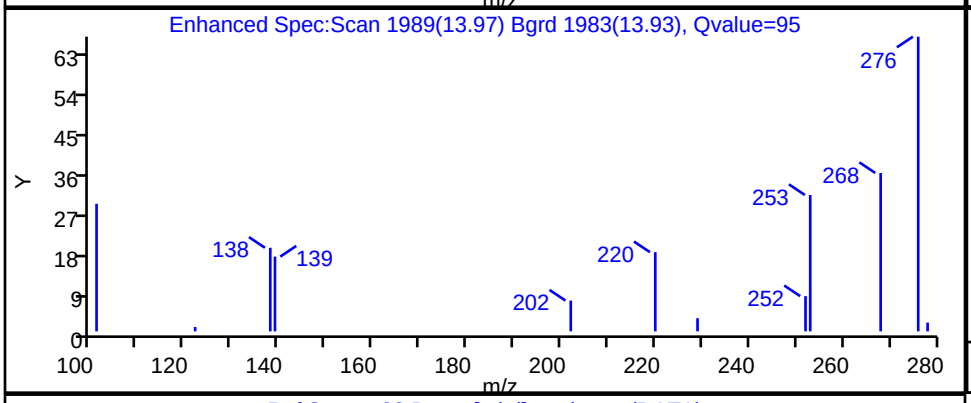
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

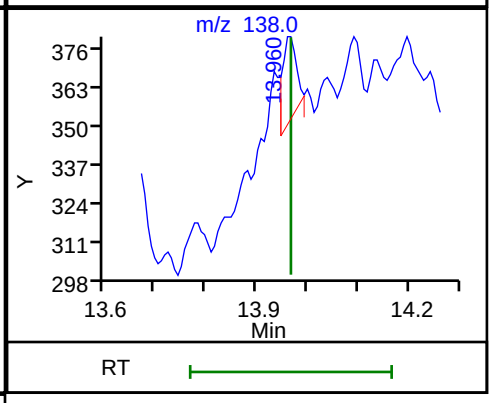
33 Benzo[g,h,i]perylene, CAS: 191-24-2

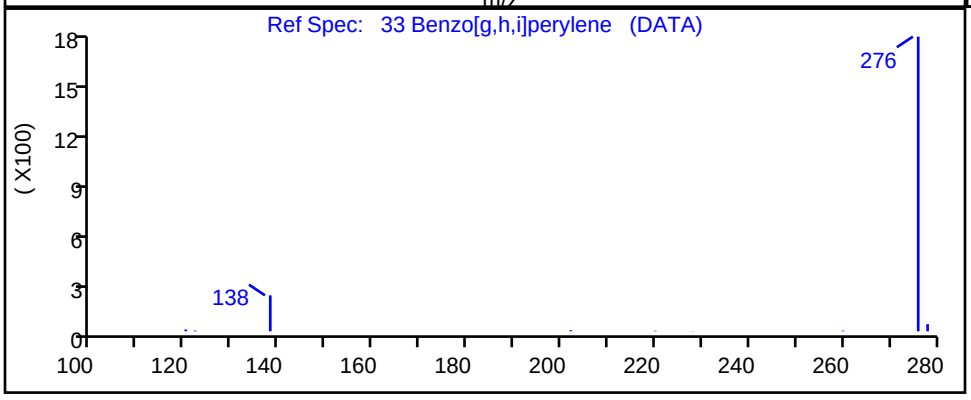
Processing Results











RT	Mass	Response	Amount
13.97	276.00	151	0.000478
13.96	138.00	55	

Reviewer: G4KC, 11-Dec-2023 12:08:09 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

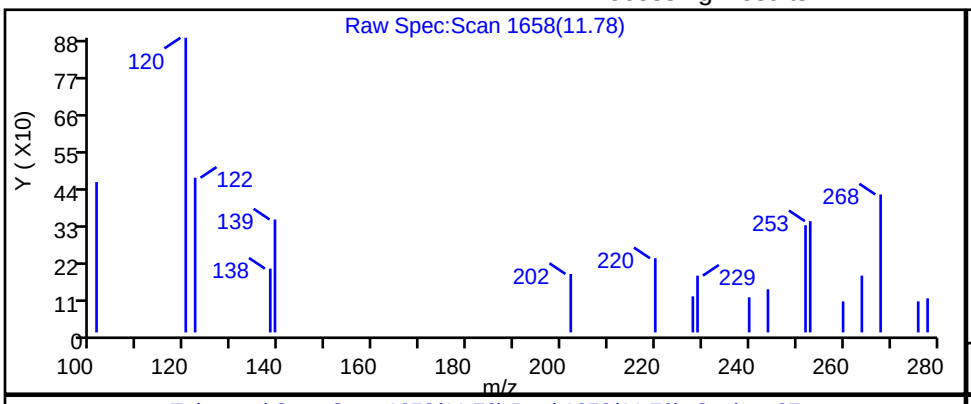
User Disabled Compound Report

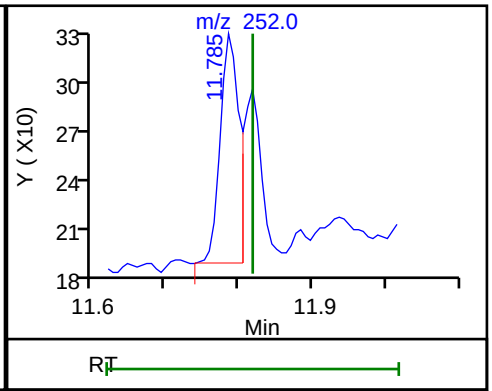
Eurofins Edison

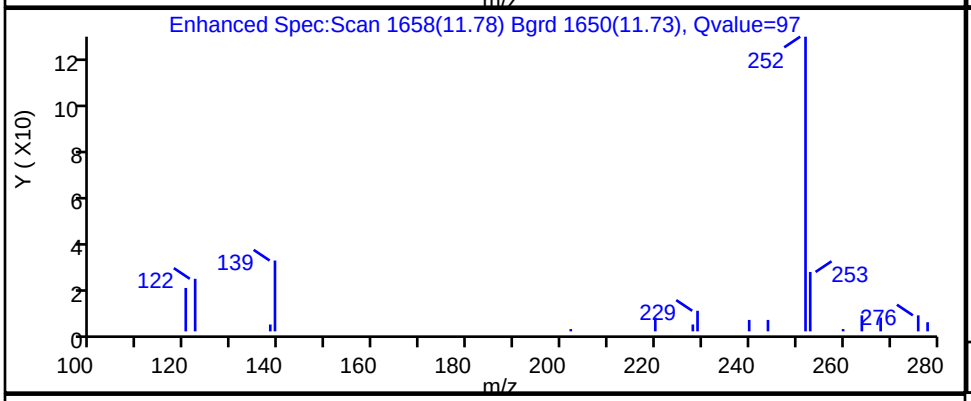
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

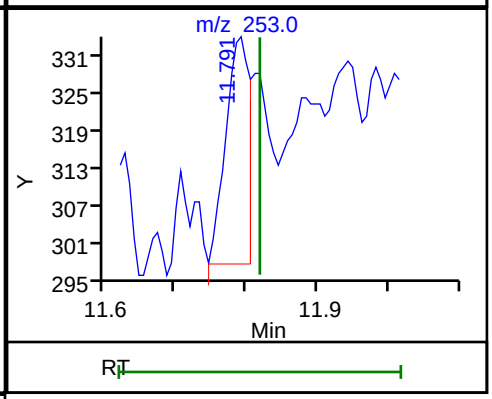
28 Benzo[k]fluoranthene, CAS: 207-08-9

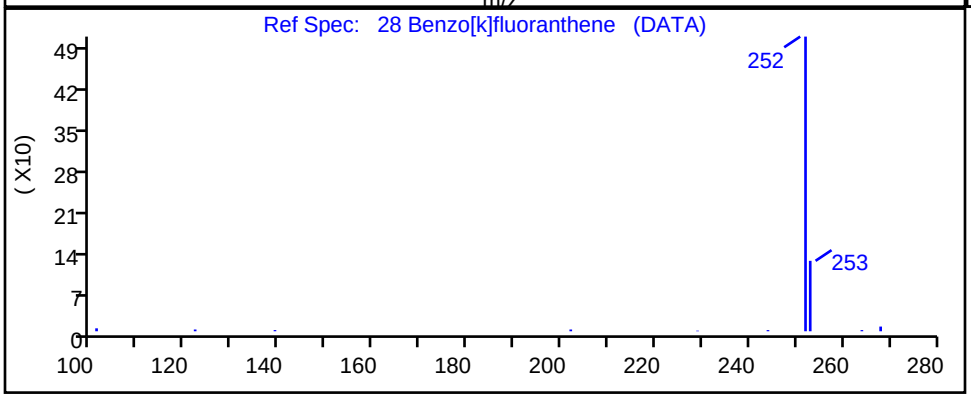
Processing Results











RT	Mass	Response	Amount
11.78	252.00	238	0.000685
11.79	253.00	87	

Reviewer: G4KC, 11-Dec-2023 12:08:07 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

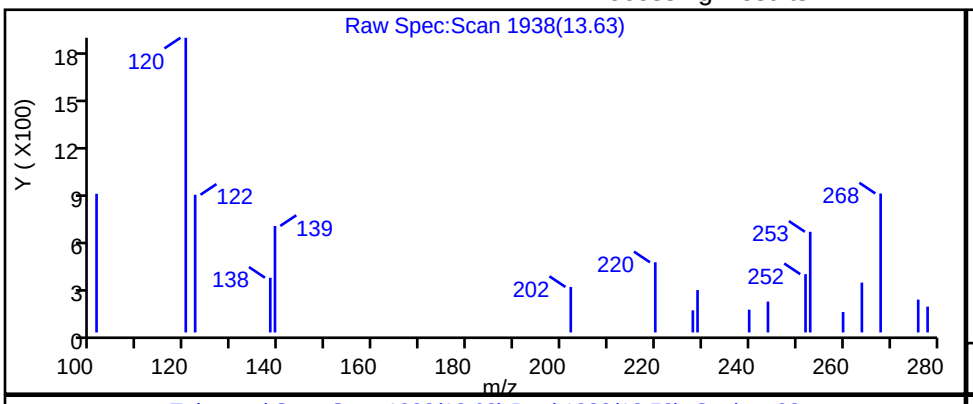
User Disabled Compound Report

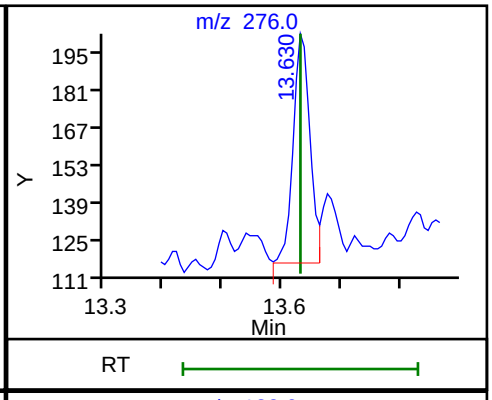
Eurofins Edison

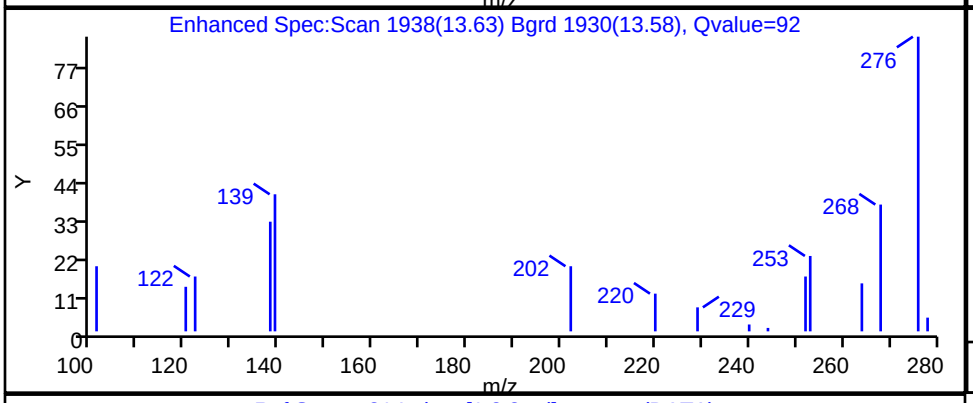
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29270.D				
Injection Date:	11-Dec-2023 11:30:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-1-A	Lab Sample ID:	460-215449-1		
Client ID:	MW-C11_20231204				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

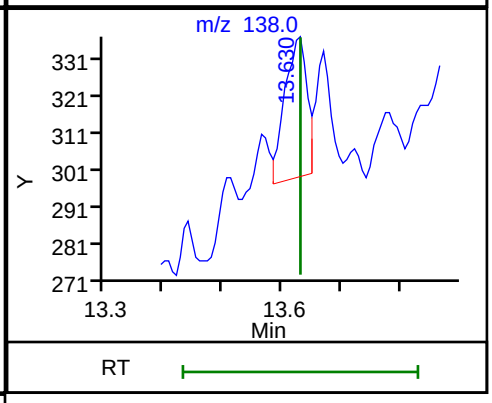
31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

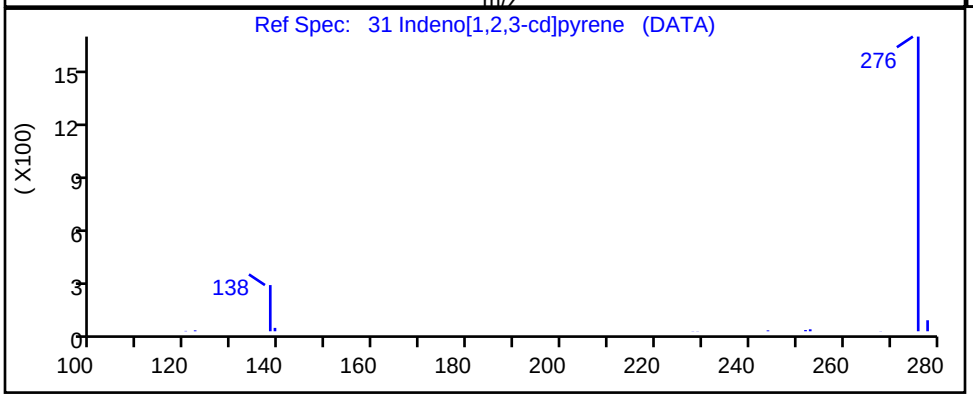
Processing Results











RT	Mass	Response	Amount
13.63	276.00	173	0.000614
13.63	138.00	106	

Reviewer: G4KC, 11-Dec-2023 12:08:08 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-C12_20231204 | Lab Sample ID: 480-215449-2

Matrix: Water | Lab File ID: C29271.D

Analysis Method: 8270E SIM | Date Collected: 12/04/2023 12:15

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 11:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949181 | 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\20231211-169974.b\C29271.D
Lims ID: 480-215449-A-2-A
Client ID: MW-C12_20231204
Sample Type: Client
Inject. Date: 11-Dec-2023 11:51:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-007
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 12:14:59 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 12:14:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	29325	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	89452	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	95	40519	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	100	70476	0.2000	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	97	33839	0.2000	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	30197	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

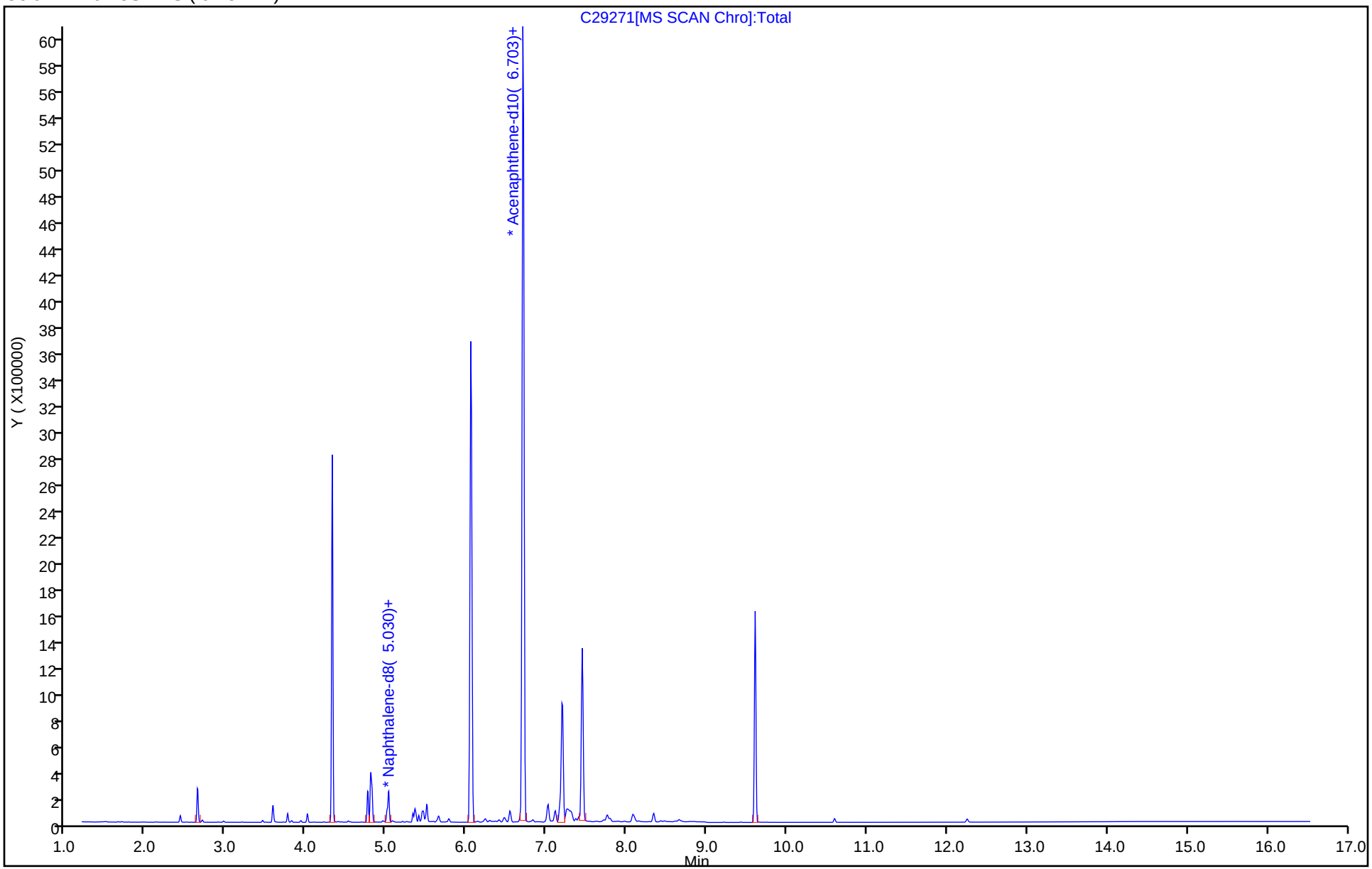
Report Date: 11-Dec-2023 12:14:59 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D

Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2	Worklist Smp#:	7
Client ID:	MW-C12_20231204				
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\20231211-169974.b\C29271.D				
Lims ID:	480-215449-A-2-A				
Client ID:	MW-C12_20231204				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 11:51:30	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-007				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 12:14:59	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				
First Level Reviewer: G4KC		Date:	11-Dec-2023 12:14:59		

Compound	Amount Added	Amount Recovered	% Rec.

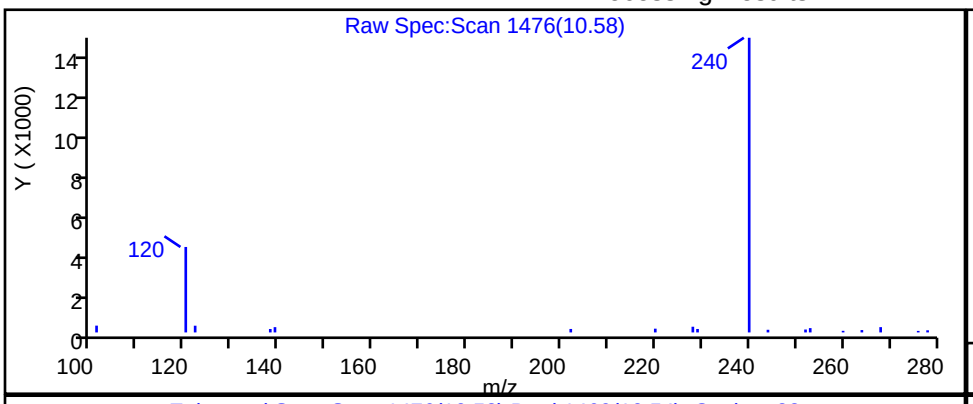
User Disabled Compound Report

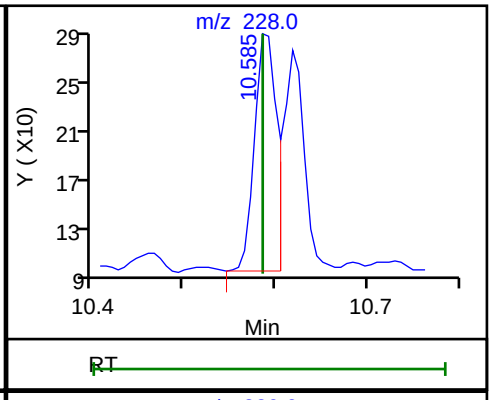
Eurofins Edison

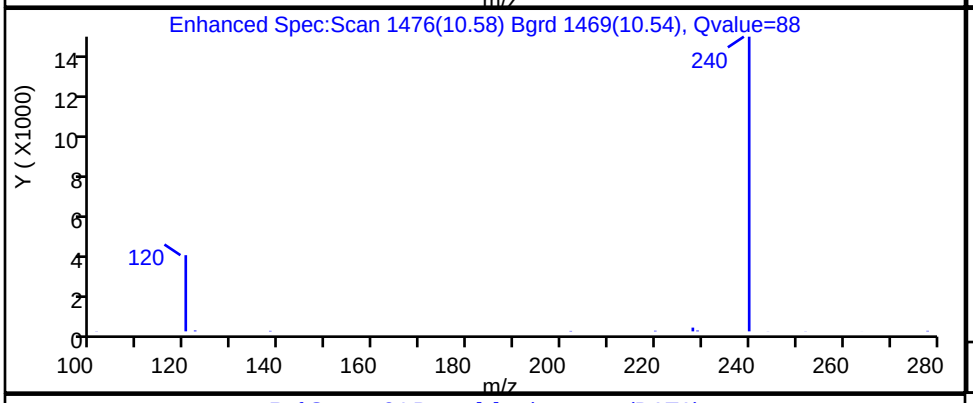
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D				
Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

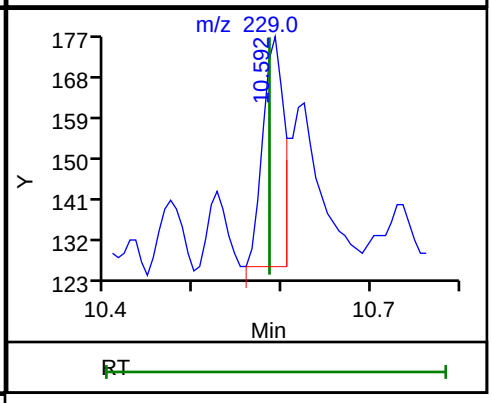
24 Benzo[a]anthracene, CAS: 56-55-3

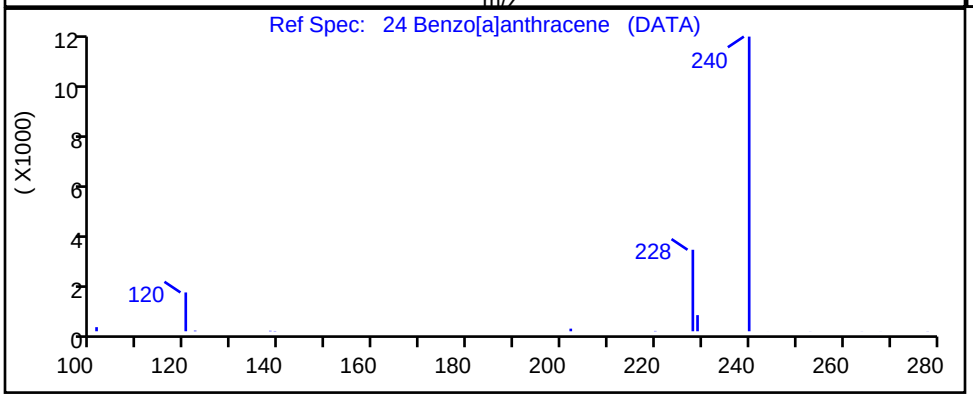
Processing Results











RT	Mass	Response	Amount
10.58	228.00	322	0.001110
10.59	229.00	87	

Reviewer: G4KC, 11-Dec-2023 12:14:52 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

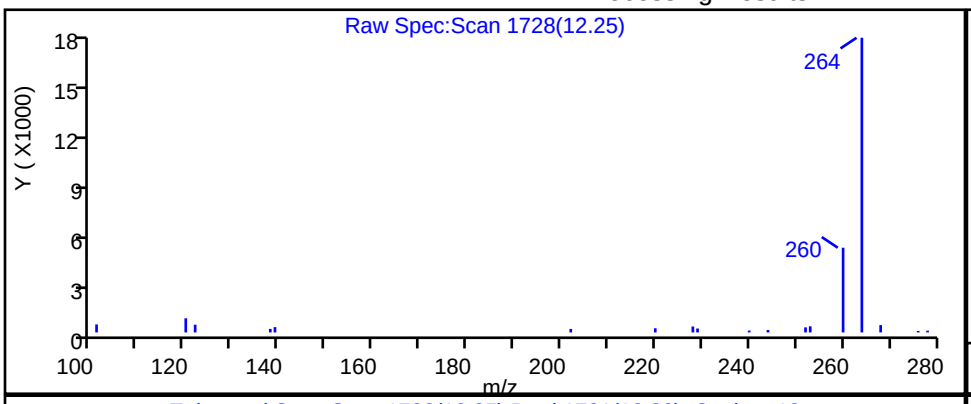
User Disabled Compound Report

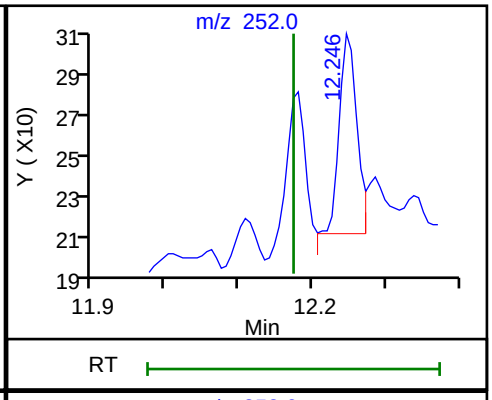
Eurofins Edison

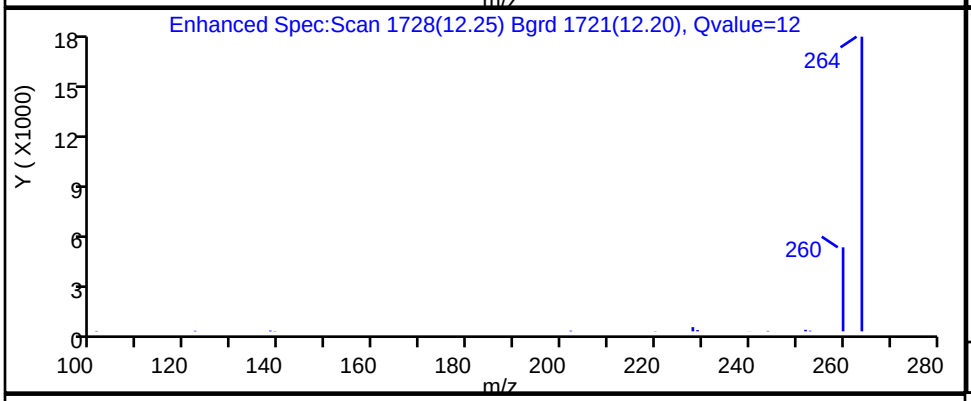
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D				
Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

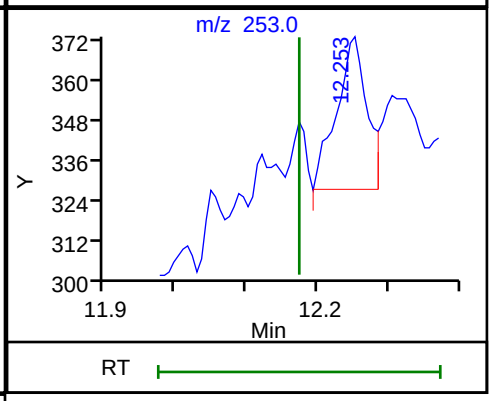
29 Benzo[a]pyrene, CAS: 50-32-8

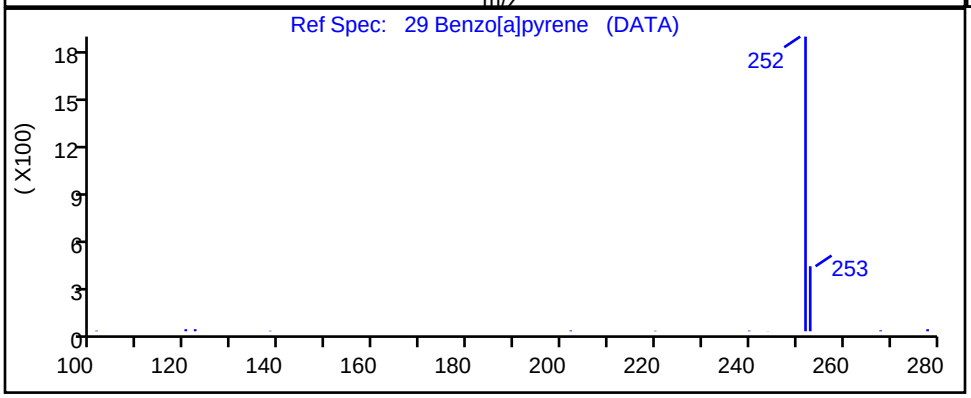
Processing Results











RT	Mass	Response	Amount
12.25	252.00	162	0.000795
12.25	253.00	143	

Reviewer: G4KC, 11-Dec-2023 12:14:54 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

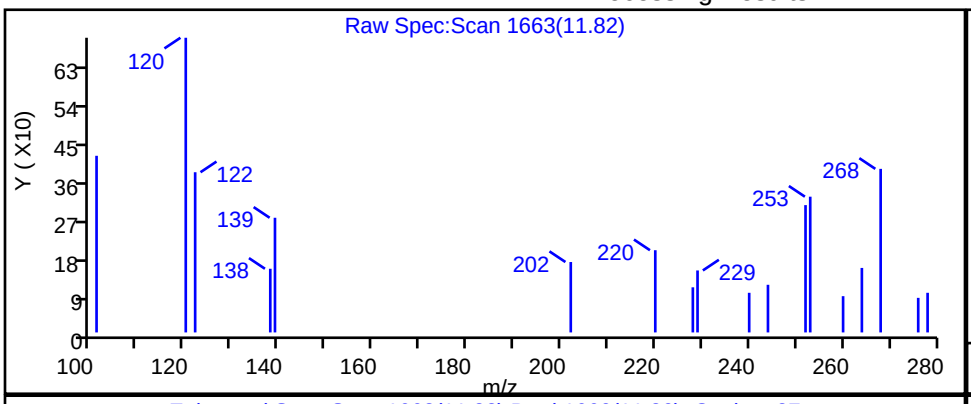
User Disabled Compound Report

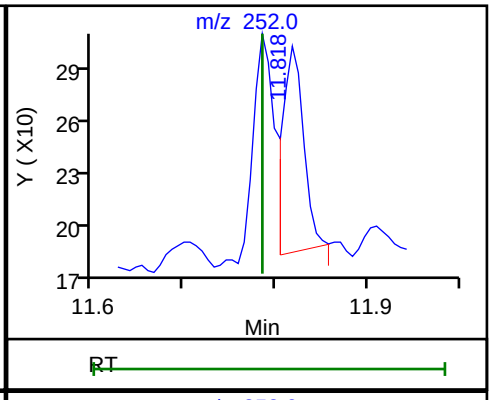
Eurofins Edison

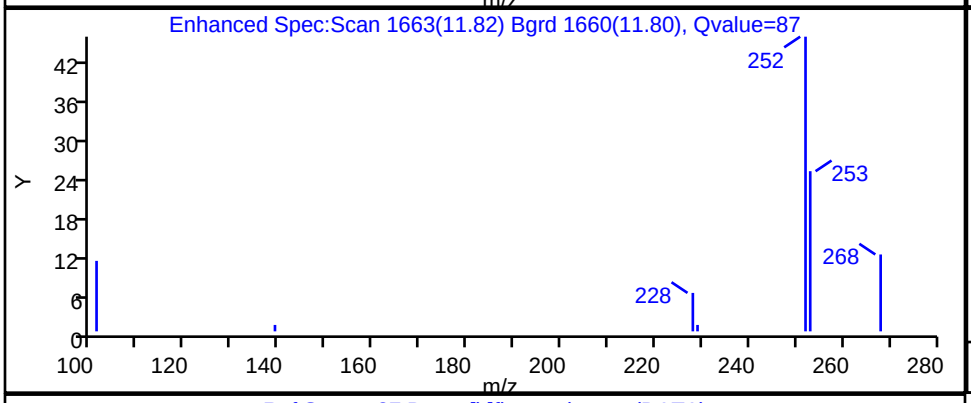
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D				
Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

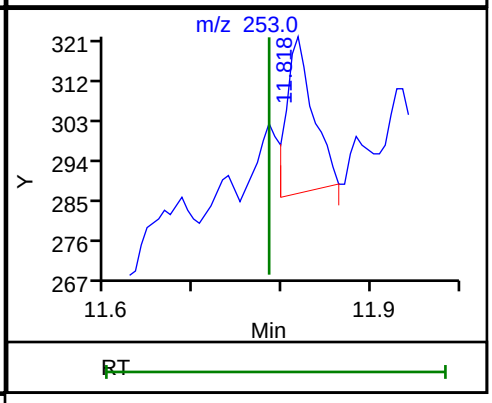
27 Benzo[b]fluoranthene, CAS: 205-99-2

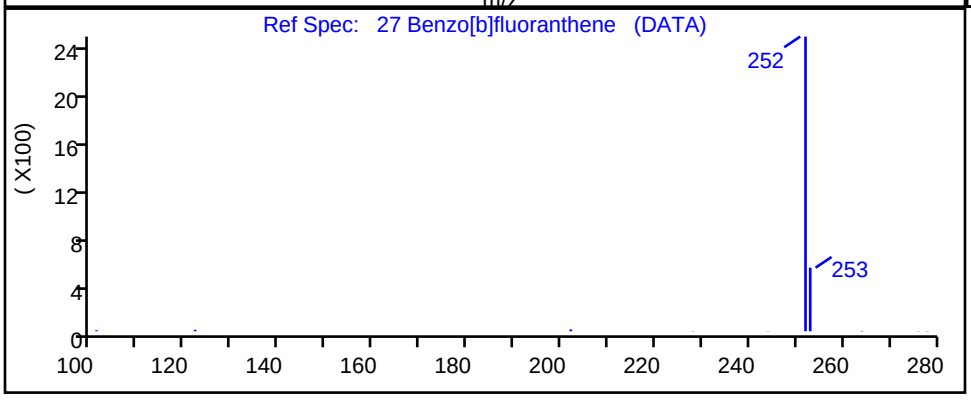
Processing Results











RT	Mass	Response	Amount
11.82	252.00	184	0.000648
11.82	253.00	75	

Reviewer: G4KC, 11-Dec-2023 12:14:53 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

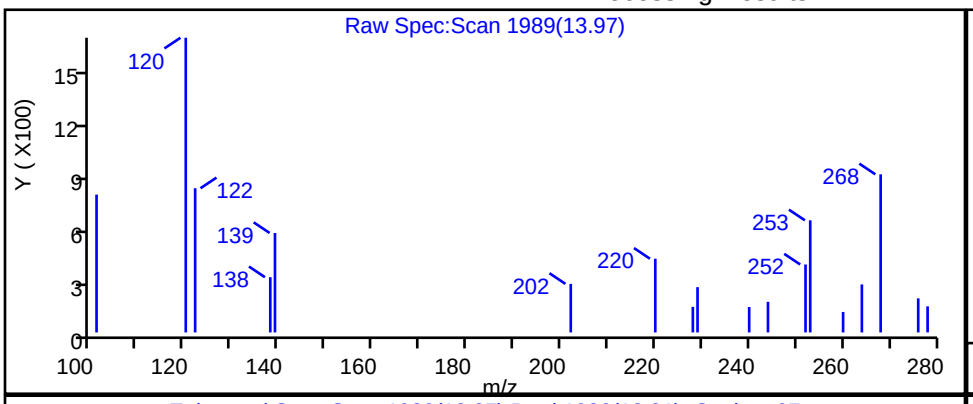
User Disabled Compound Report

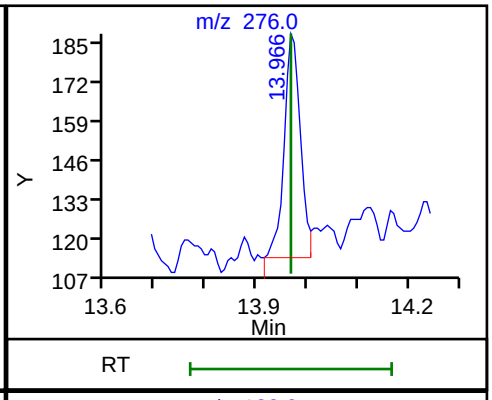
Eurofins Edison

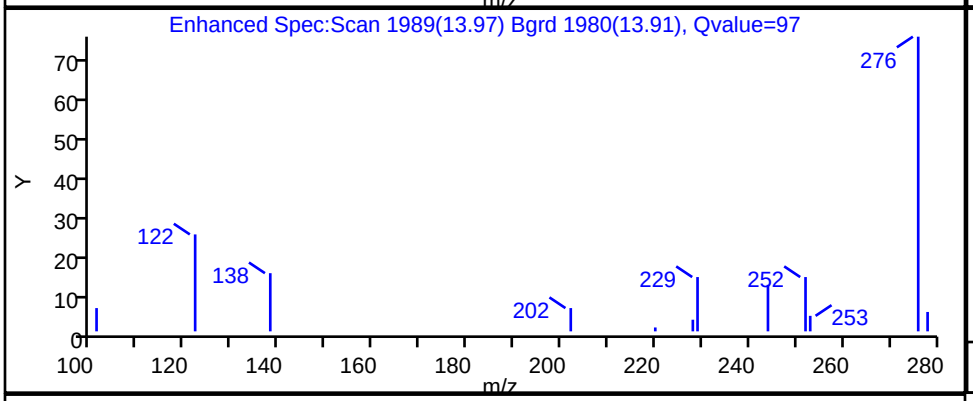
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D				
Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

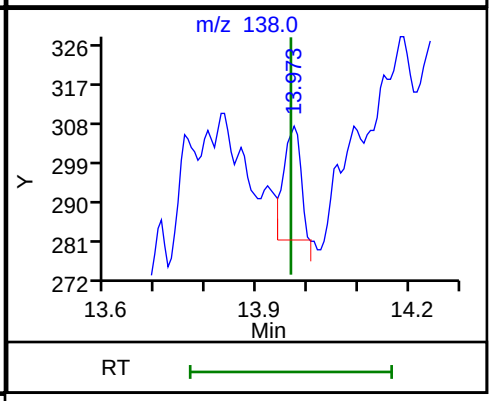
33 Benzo[g,h,i]perylene, CAS: 191-24-2

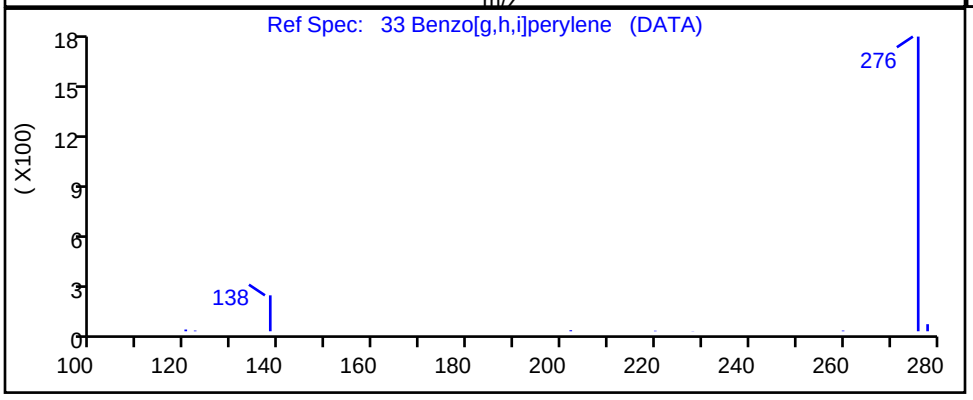
Processing Results











RT	Mass	Response	Amount
13.97	276.00	170	0.000601
13.97	138.00	65	

Reviewer: G4KC, 11-Dec-2023 12:14:56 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

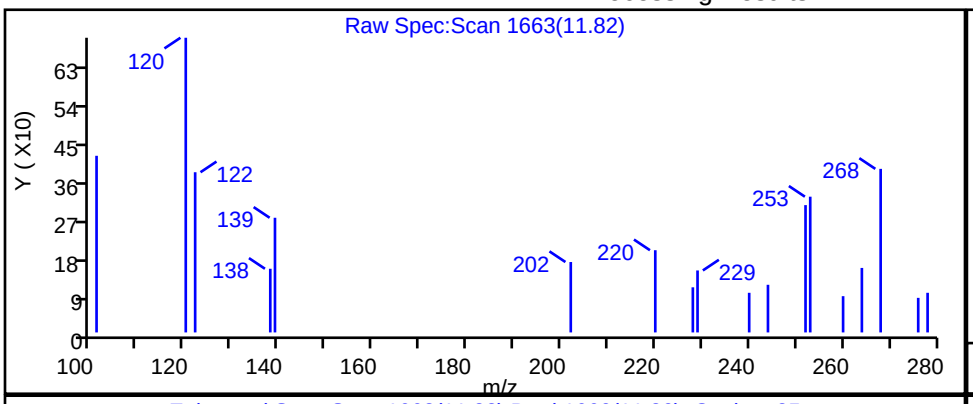
User Disabled Compound Report

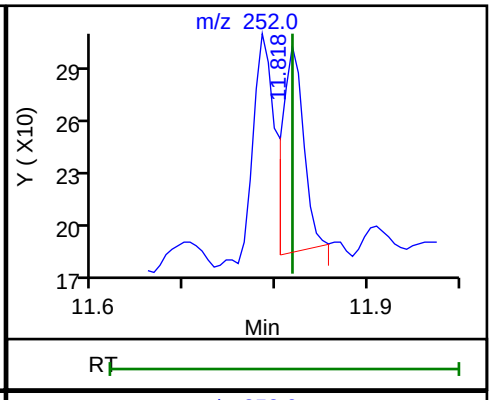
Eurofins Edison

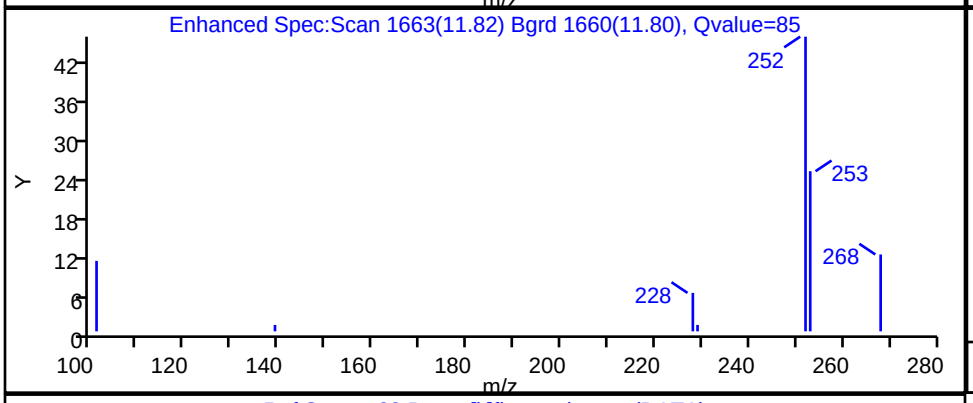
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29271.D				
Injection Date:	11-Dec-2023 11:51:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-2-A	Lab Sample ID:	460-215449-2		
Client ID:	MW-C12_20231204				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

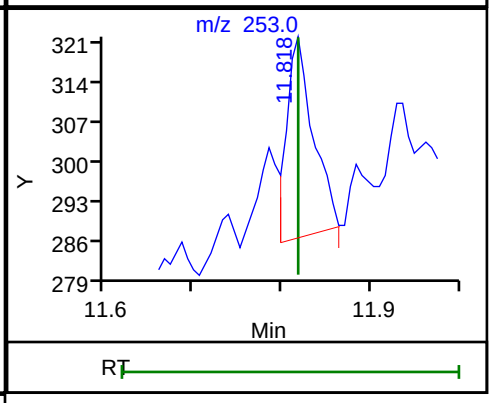
28 Benzo[k]fluoranthene, CAS: 207-08-9

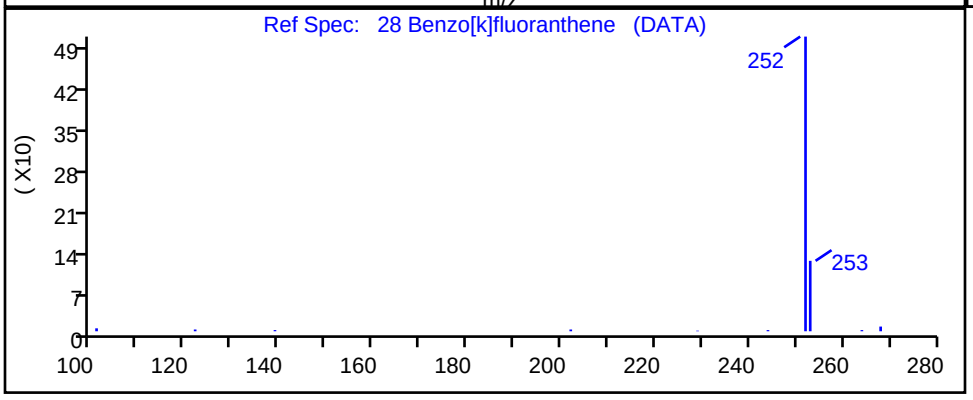
Processing Results











RT	Mass	Response	Amount
11.82	252.00	184	0.000592
11.82	253.00	75	

Reviewer: G4KC, 11-Dec-2023 12:14:54 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-C16_20231204 | Lab Sample ID: 480-215449-3

Matrix: Water | Lab File ID: C29272.D

Analysis Method: 8270E SIM | Date Collected: 12/04/2023 10:25

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 12:12

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.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.048	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.024	J *+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.031	J	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	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\20231211-169974.b\C29272.D
Lims ID: 480-215449-A-3-A
Client ID: MW-C16_20231204
Sample Type: Client
Inject. Date: 11-Dec-2023 12:12:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-008
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 12:40:24 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 12:40:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	30116	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	92483	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	97	41645	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	100	71790	0.2000	
24 Benzo[a]anthracene	228	10.585	10.578	0.000	90	1744	0.006007	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	98	33860	0.2000	
27 Benzo[b]fluoranthene	252	11.785	11.778	0.000	100	1100	0.003916	
29 Benzo[a]pyrene	252	12.174	12.167	0.000	96	611	0.003032	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	29877	0.2000	
32 Dibenz(a,h)anthracene	278	13.676	13.669	0.000	46	616	0.002502	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

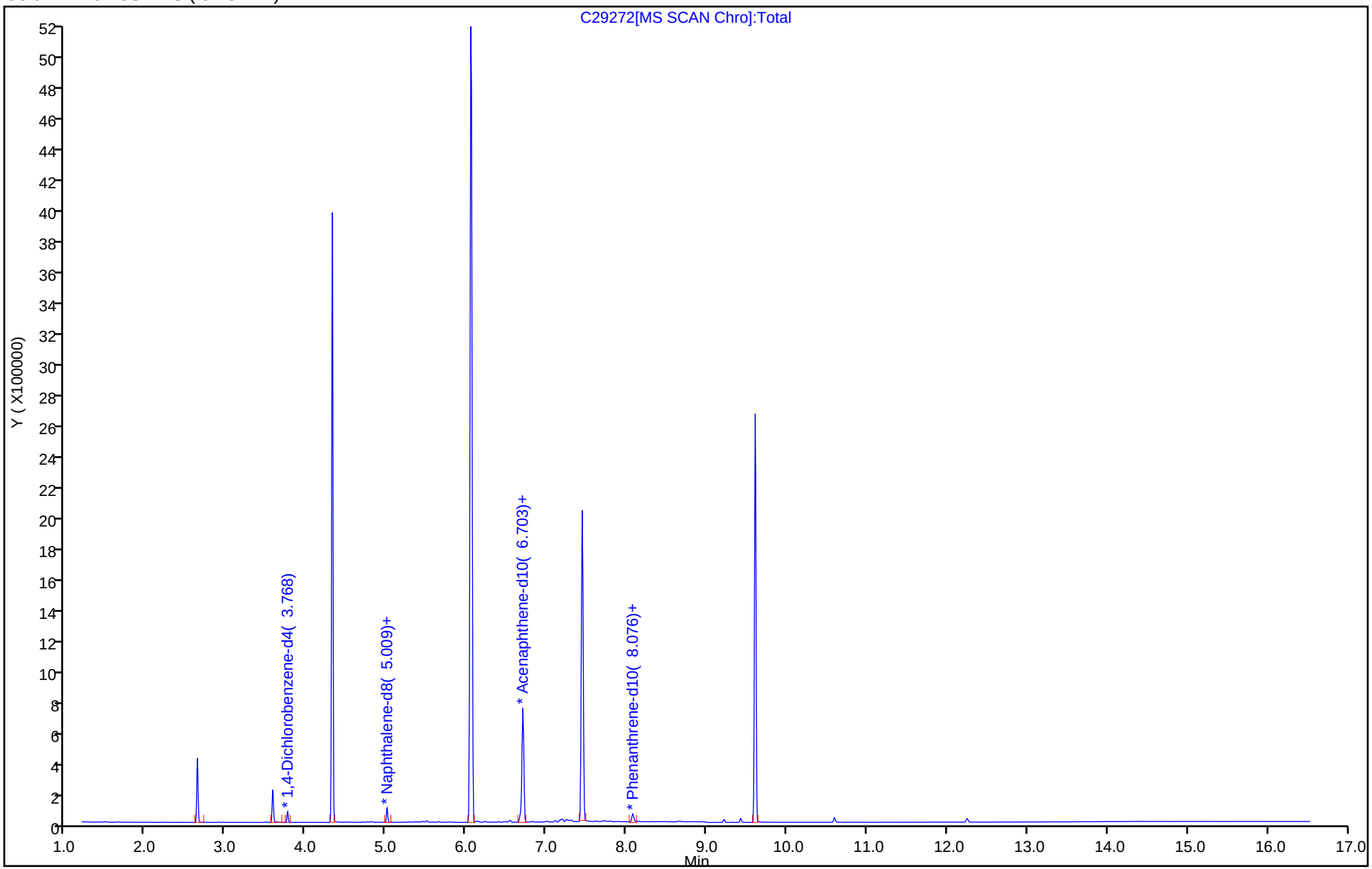
Report Date: 11-Dec-2023 12:40:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D

Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3	Worklist Smp#:	8
Client ID:	MW-C16_20231204				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Lims ID:	480-215449-A-3-A				
Client ID:	MW-C16_20231204				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 12:12:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-008				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 12:40:24	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				

First Level Reviewer: G4KC Date: 11-Dec-2023 12:40:24

Compound	Amount Added	Amount Recovered	% Rec.

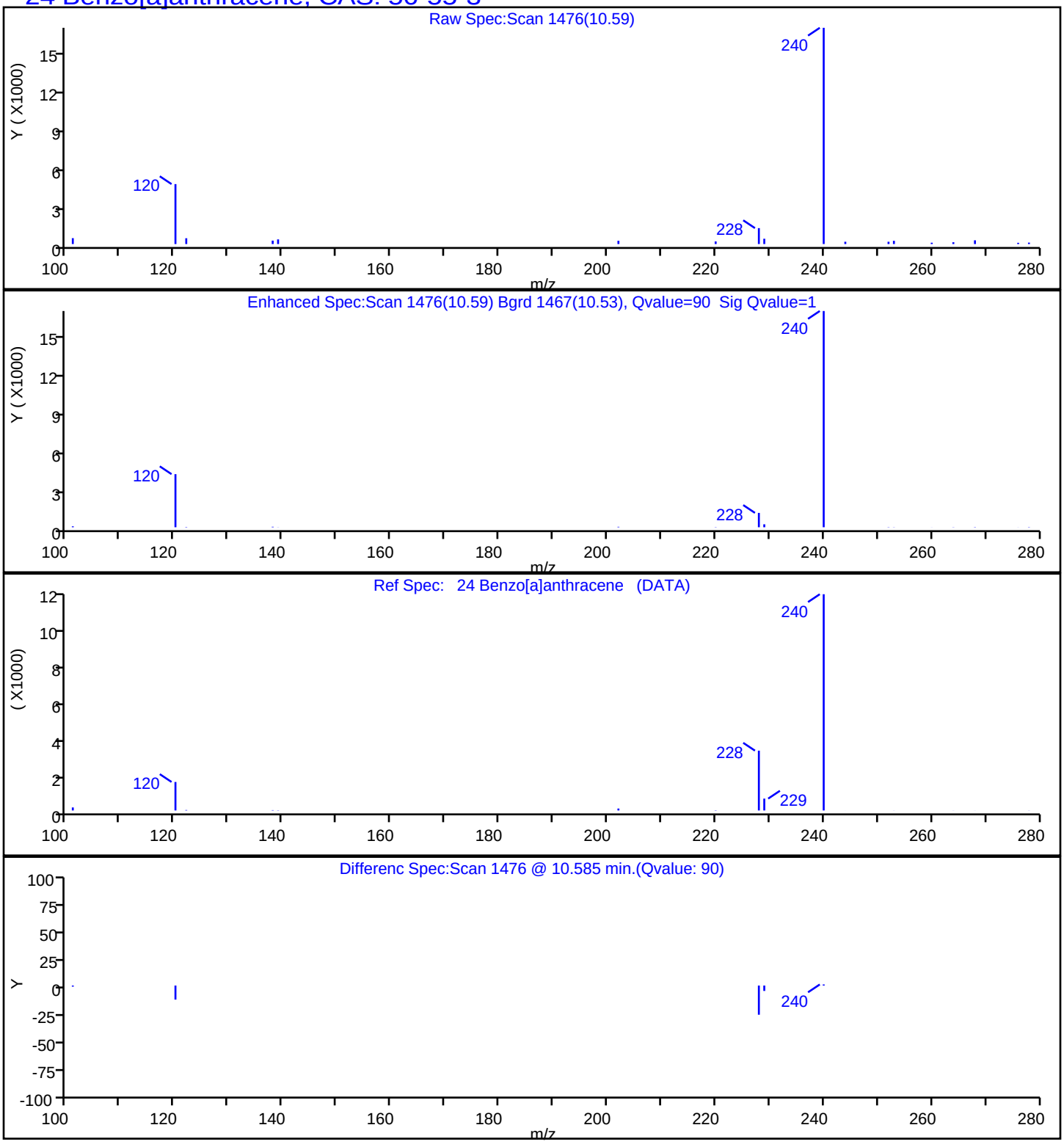
Report Date: 11-Dec-2023 12:40:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D

Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
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		

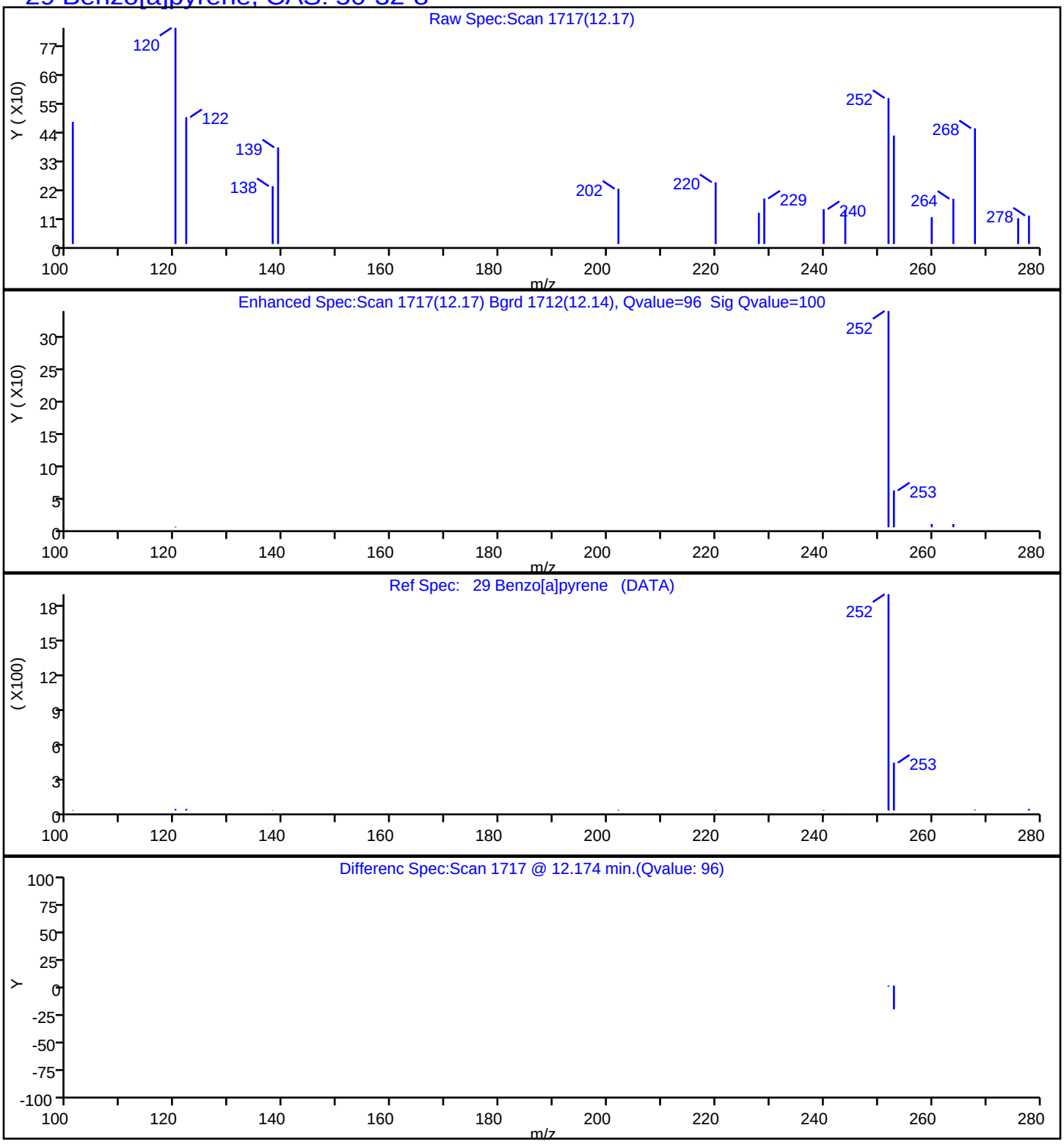
24 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
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		

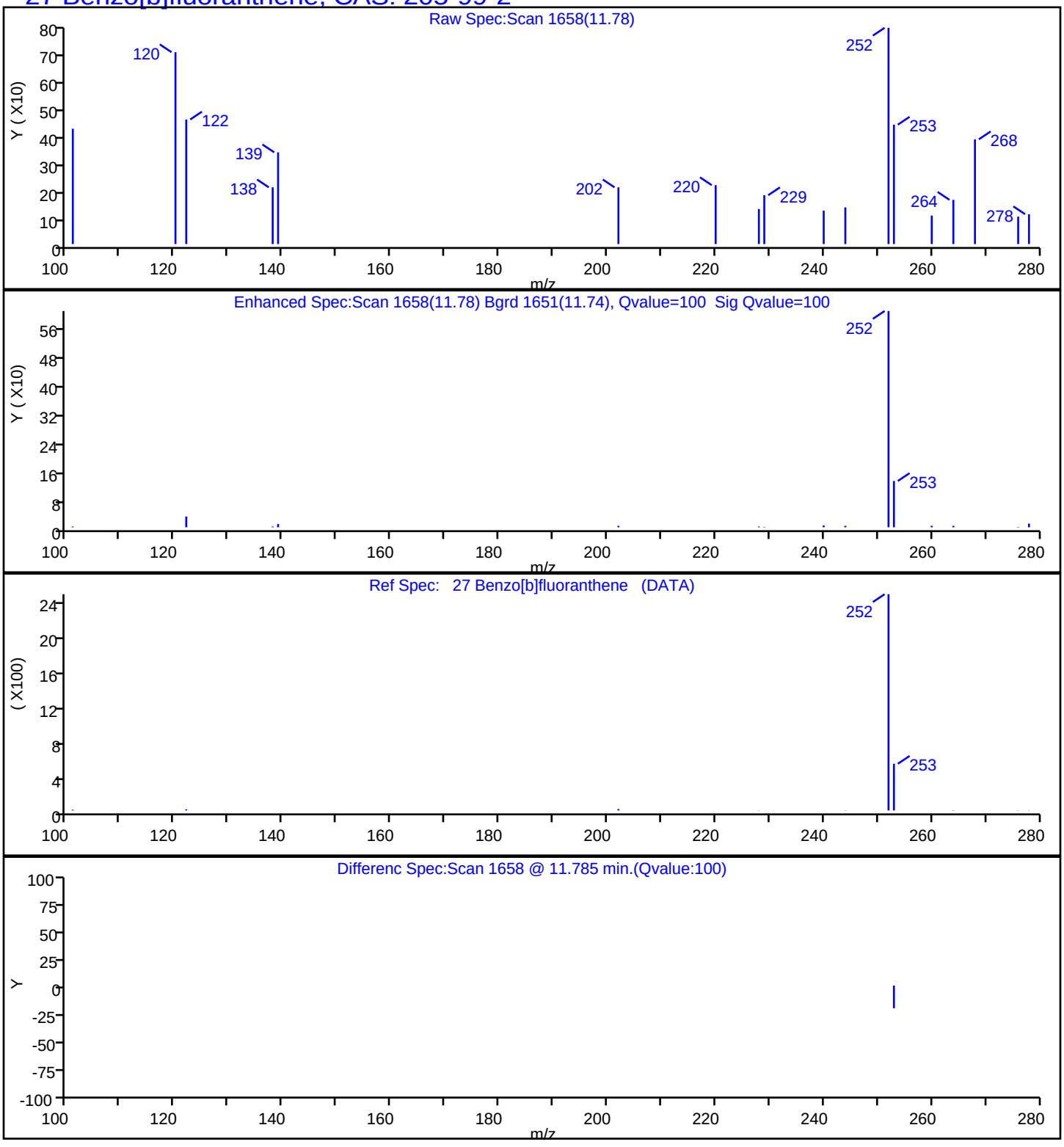
29 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
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		

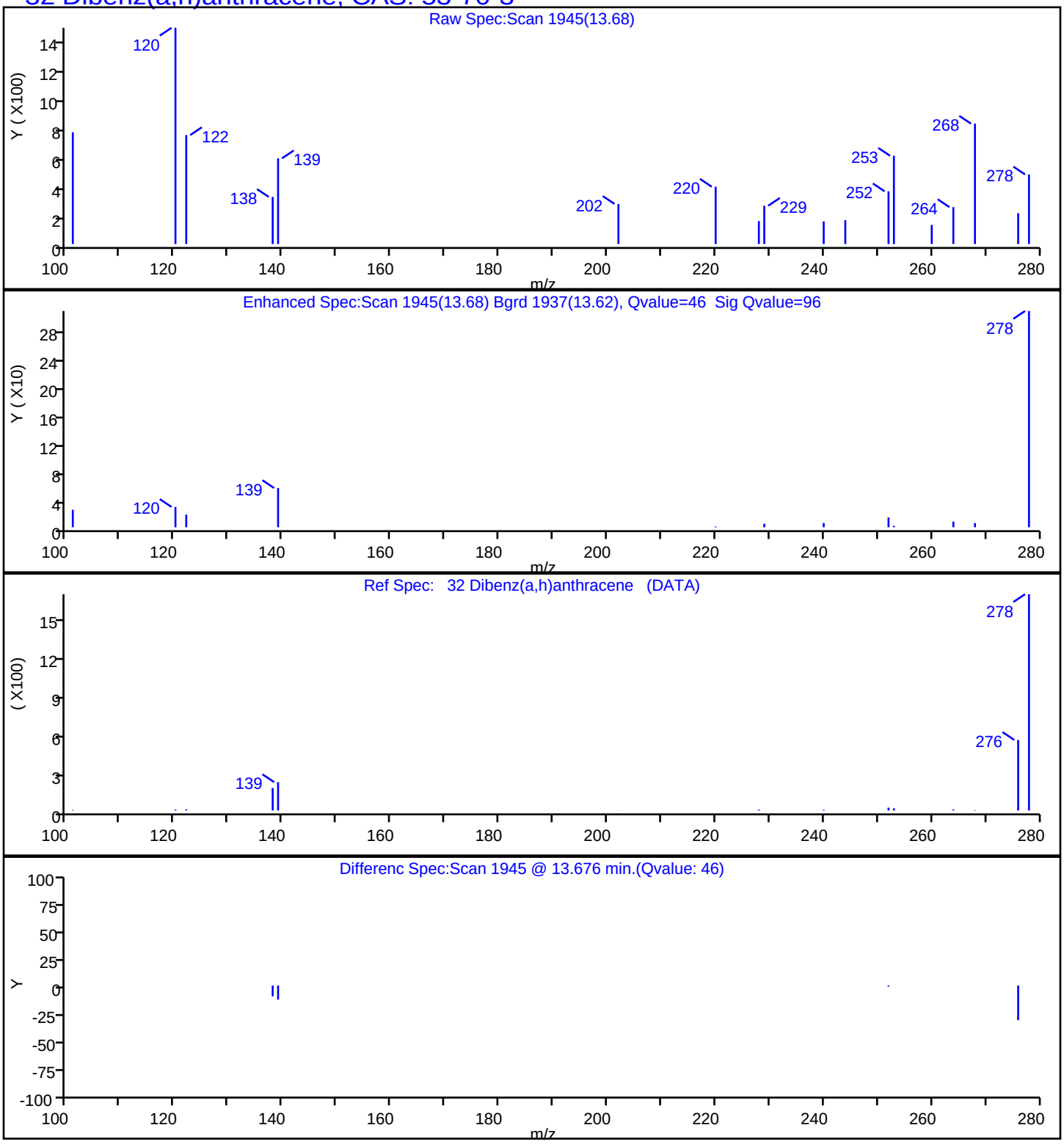
27 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
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		

32 Dibenz(a,h)anthracene, CAS: 53-70-3



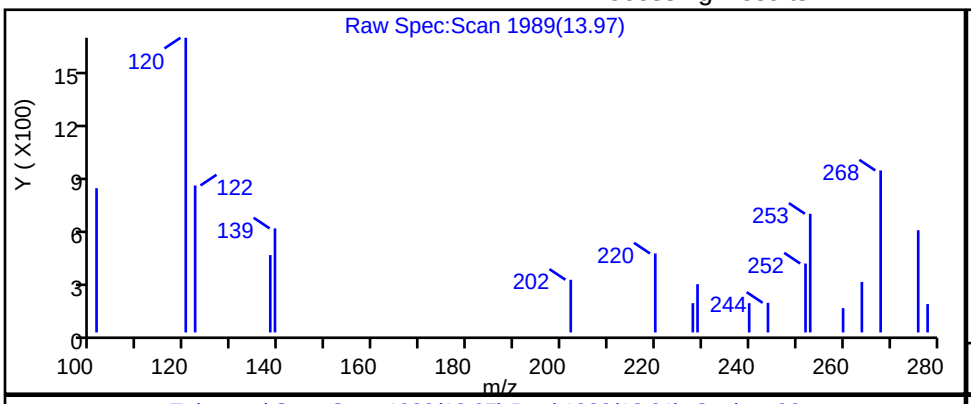
User Disabled Compound Report

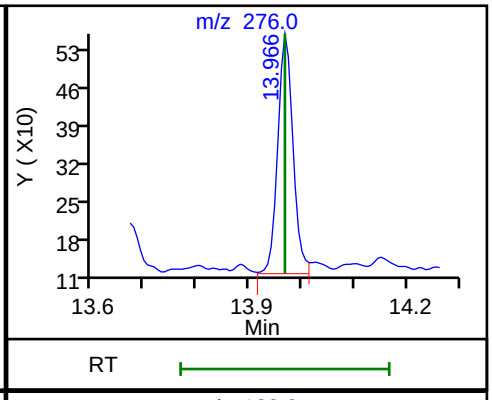
Eurofins Edison

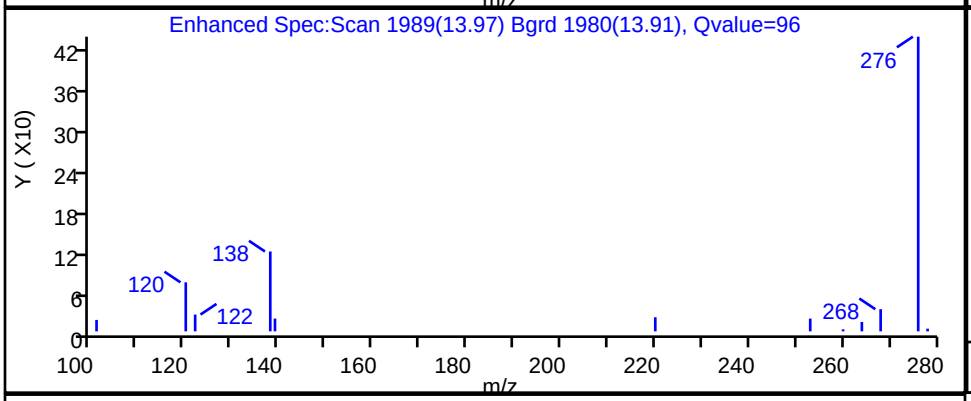
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

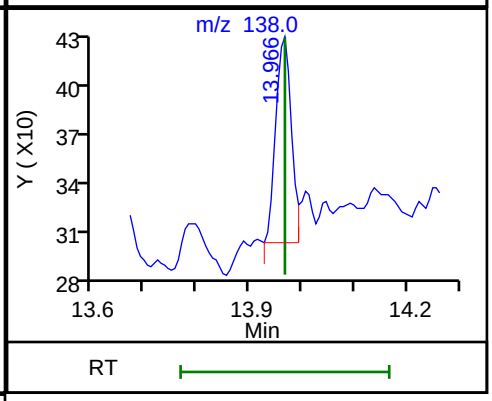
33 Benzo[g,h,i]perylene, CAS: 191-24-2

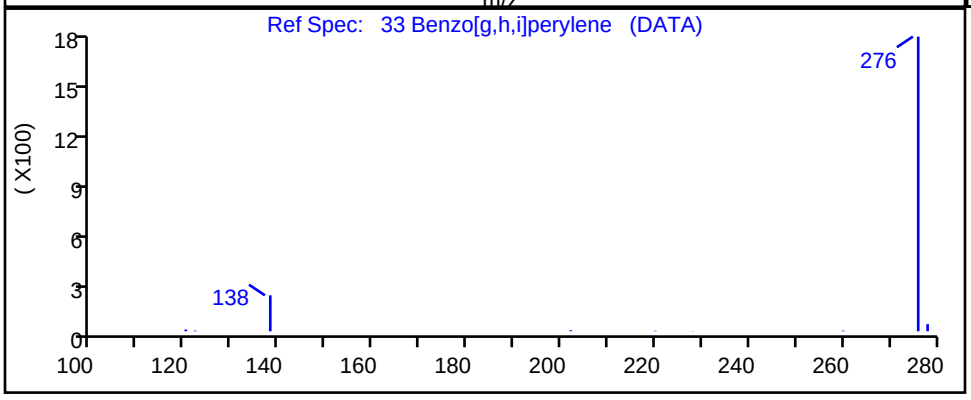
Processing Results











RT	Mass	Response	Amount
13.97	276.00	886	0.003166
13.97	138.00	251	

Reviewer: G4KC, 11-Dec-2023 12:40:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

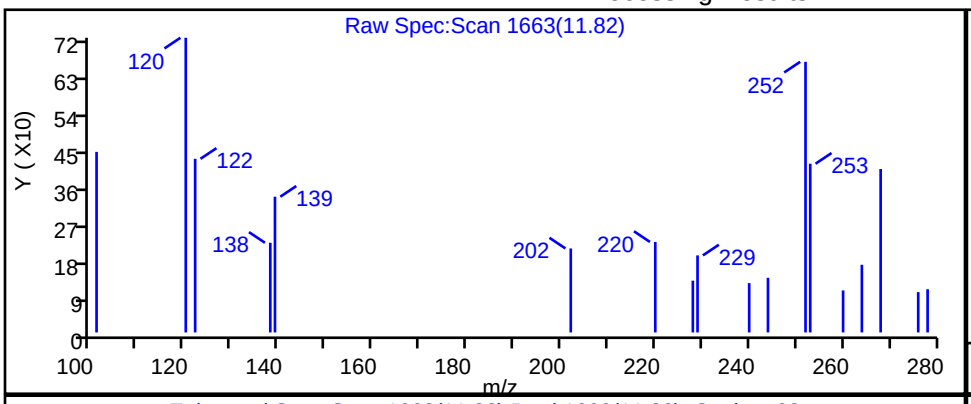
User Disabled Compound Report

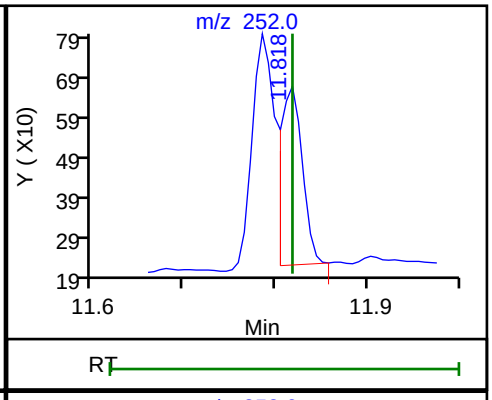
Eurofins Edison

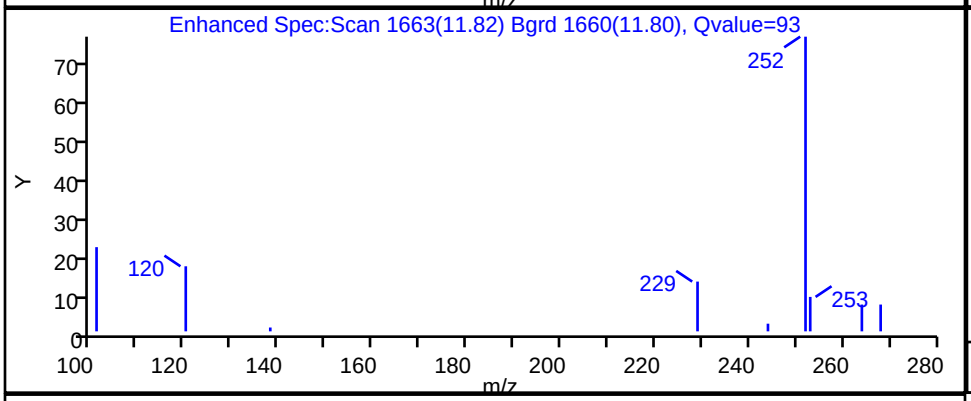
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

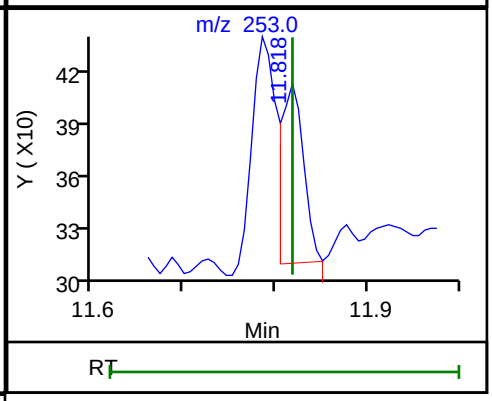
28 Benzo[k]fluoranthene, CAS: 207-08-9

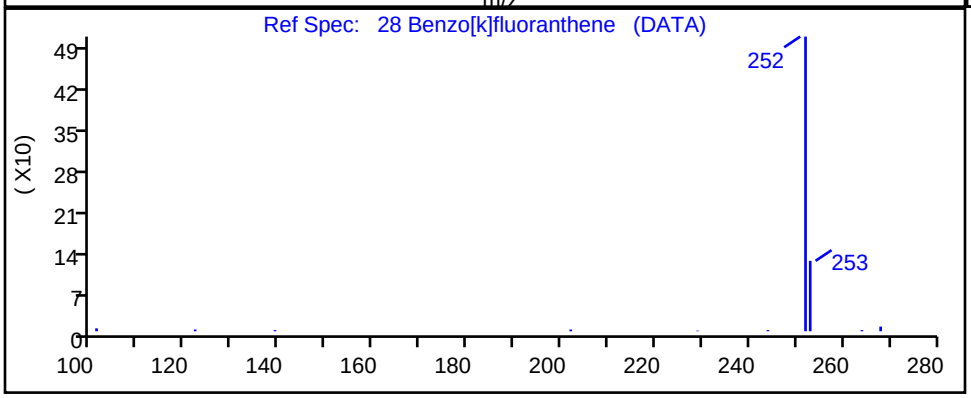
Processing Results











RT	Mass	Response	Amount
11.82	252.00	749	0.002435
11.82	253.00	169	

Reviewer: G4KC, 11-Dec-2023 12:40:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

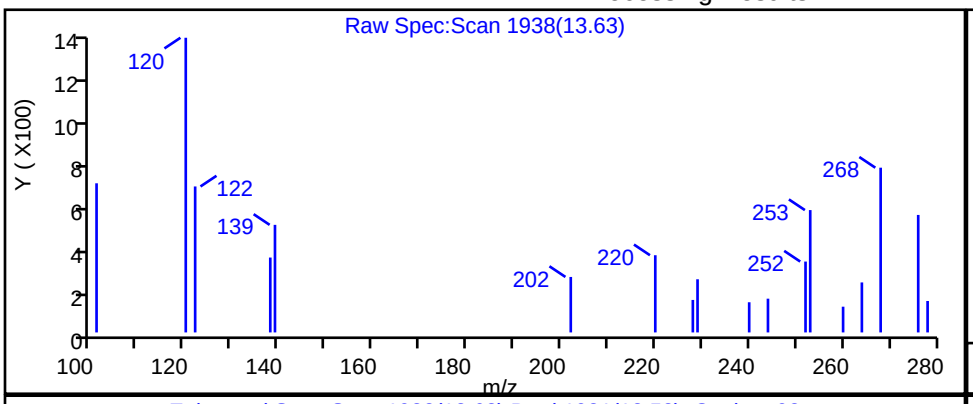
User Disabled Compound Report

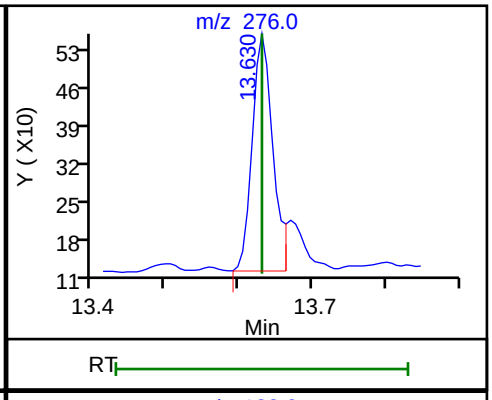
Eurofins Edison

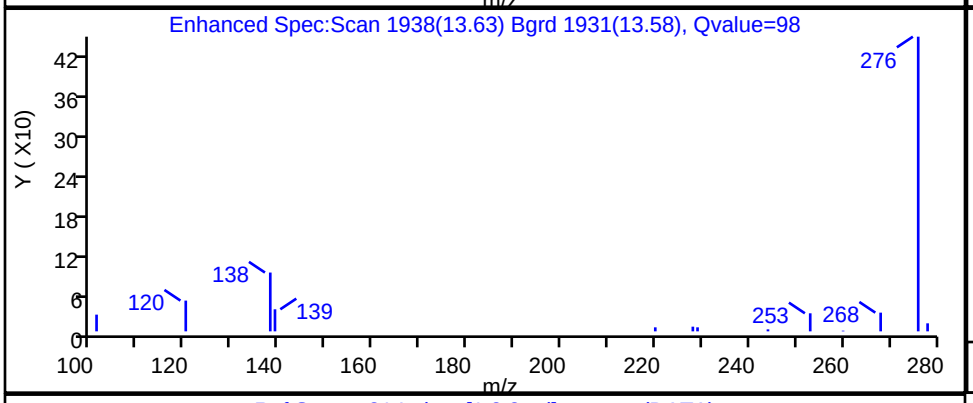
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29272.D				
Injection Date:	11-Dec-2023 12:12:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-3-A	Lab Sample ID:	460-215449-3		
Client ID:	MW-C16_20231204				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

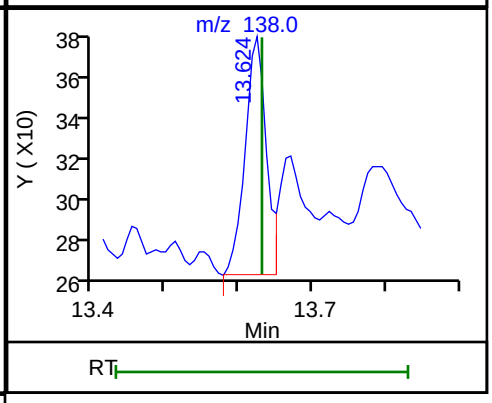
31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

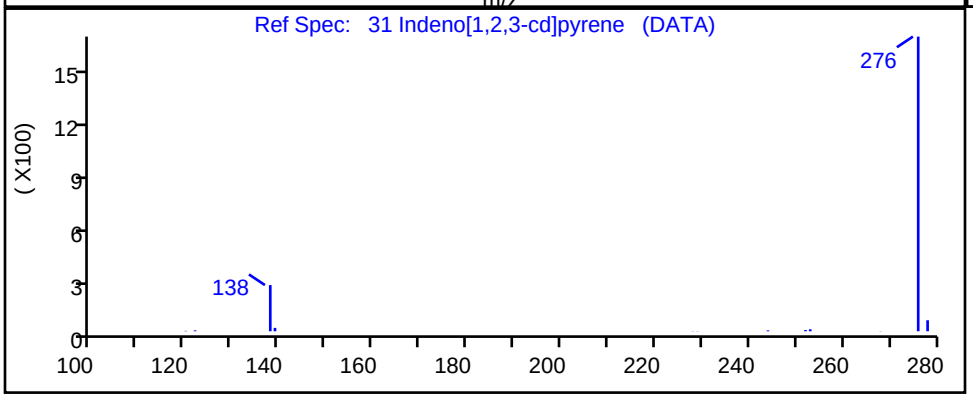
Processing Results











RT	Mass	Response	Amount
13.63	276.00	867	0.003477
13.62	138.00	229	

Reviewer: G4KC, 11-Dec-2023 12:40:17 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-13S_20231204 | Lab Sample ID: 480-215449-4

Matrix: Water | Lab File ID: C29273.D

Analysis Method: 8270E SIM | Date Collected: 12/04/2023 13:45

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 12:33

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.: 949181 | 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\20231211-169974.b\C29273.D
Lims ID: 480-215449-A-4-A
Client ID: MW-13S_20231204
Sample Type: Client
Inject. Date: 11-Dec-2023 12:33:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-009
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 12:58:19 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 12:58:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	29231	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	90422	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	96	40721	0.2000	
* 17 Phenanthrene-d10	188	8.075	8.076	-0.001	100	69671	0.2000	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	97	32853	0.2000	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	29224	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

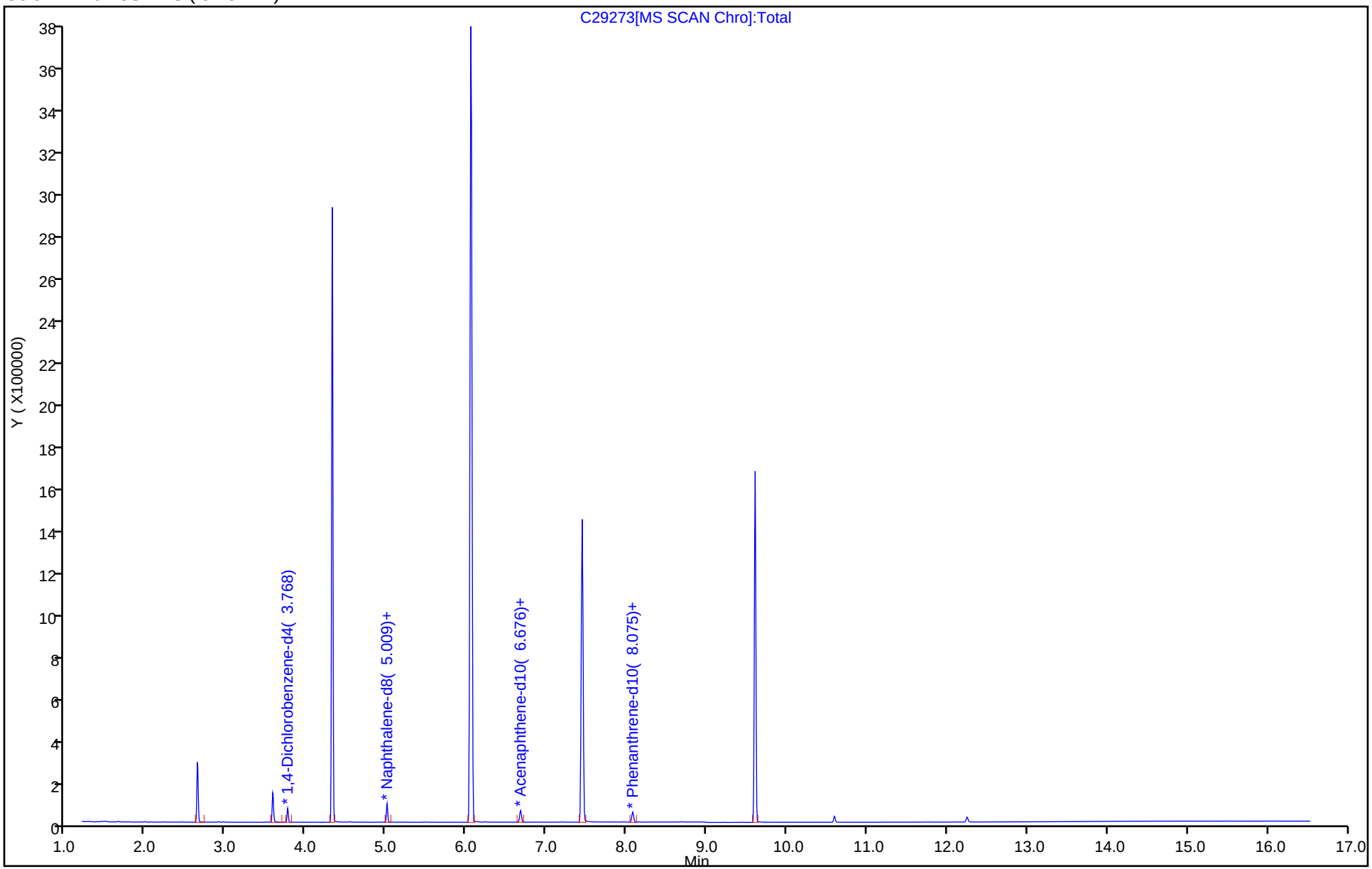
Report Date: 11-Dec-2023 12:58:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29273.D

Injection Date:	11-Dec-2023 12:33:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-4-A	Lab Sample ID:	460-215449-4	Worklist Smp#:	9
Client ID:	MW-13S_20231204				
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)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29273.D				
Lims ID:	480-215449-A-4-A				
Client ID:	MW-13S_20231204				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 12:33:30	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-009				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 12:58:19	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				
First Level Reviewer: G4KC		Date:	11-Dec-2023 12:58:19		

Compound	Amount Added	Amount Recovered	% Rec.

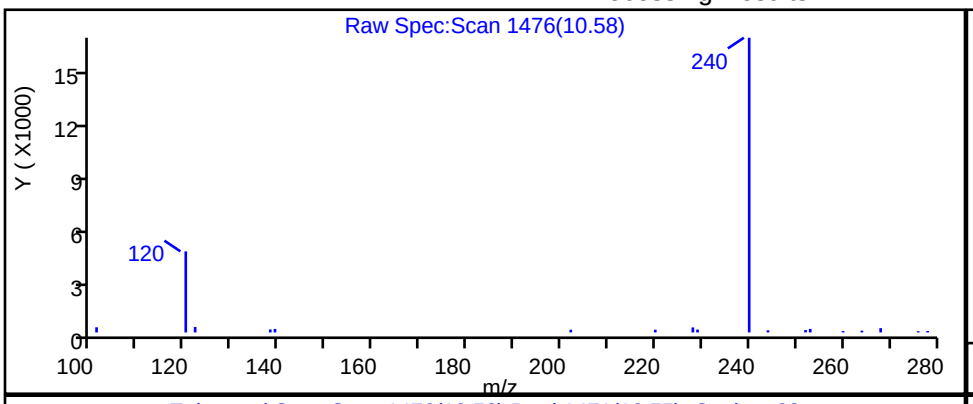
User Disabled Compound Report

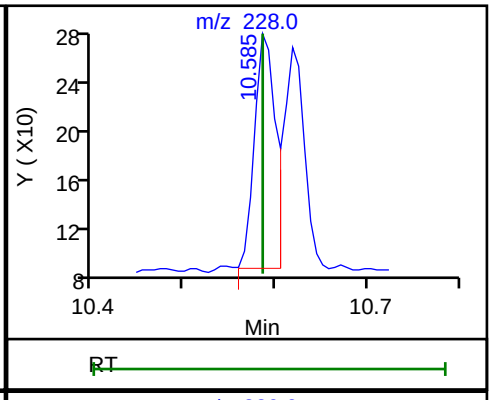
Eurofins Edison

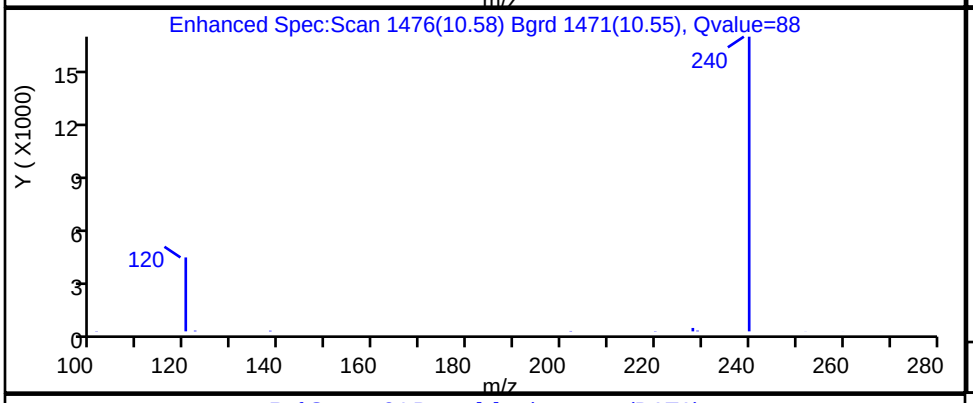
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29273.D				
Injection Date:	11-Dec-2023 12:33:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-4-A	Lab Sample ID:	460-215449-4		
Client ID:	MW-13S_20231204				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

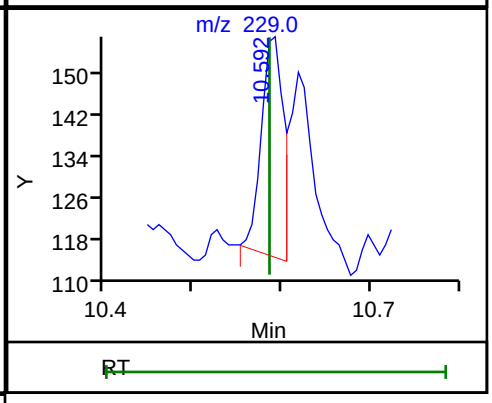
24 Benzo[a]anthracene, CAS: 56-55-3

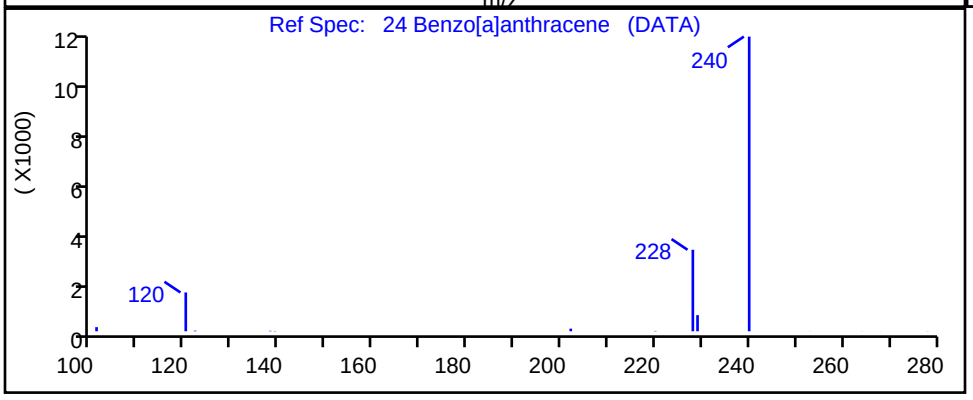
Processing Results











RT	Mass	Response	Amount
10.58	228.00	309	0.001097
10.59	229.00	76	

Reviewer: G4KC, 11-Dec-2023 12:58:10 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

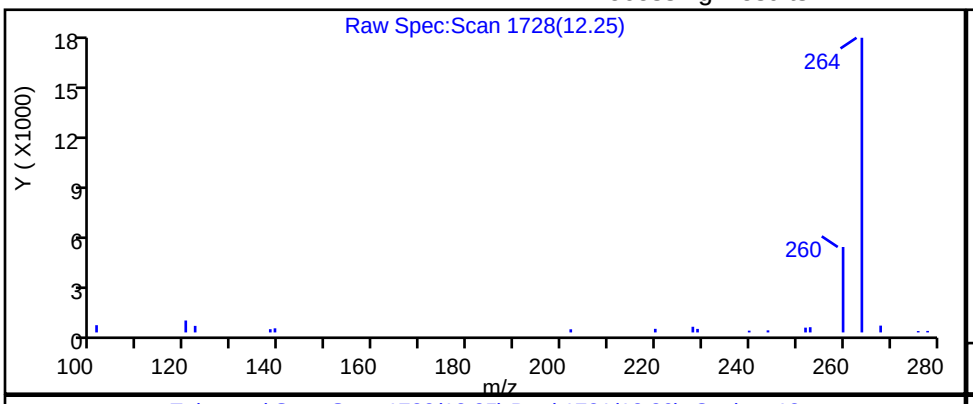
User Disabled Compound Report

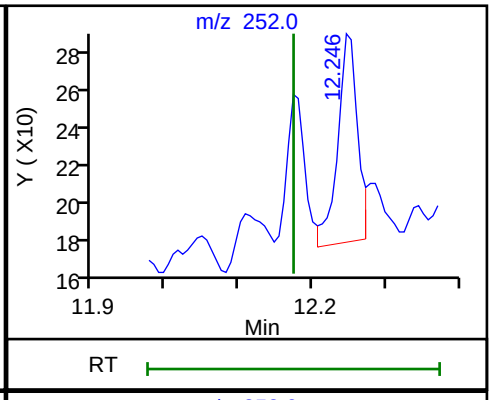
Eurofins Edison

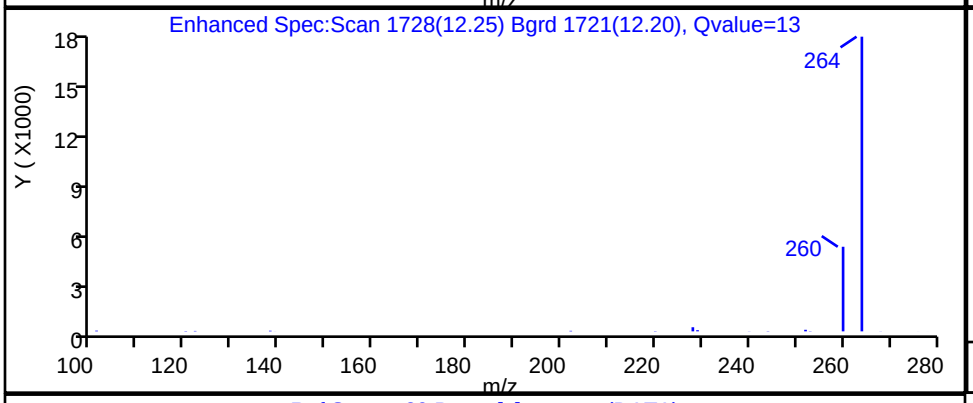
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29273.D				
Injection Date:	11-Dec-2023 12:33:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-4-A	Lab Sample ID:	460-215449-4		
Client ID:	MW-13S_20231204				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

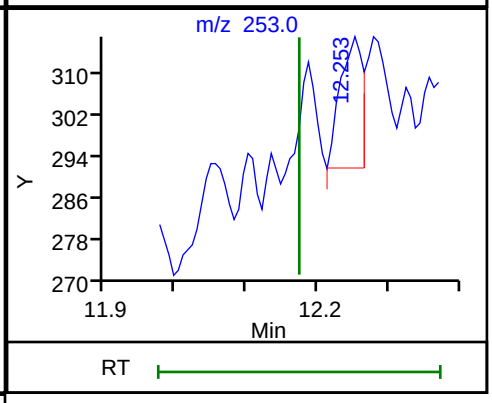
29 Benzo[a]pyrene, CAS: 50-32-8

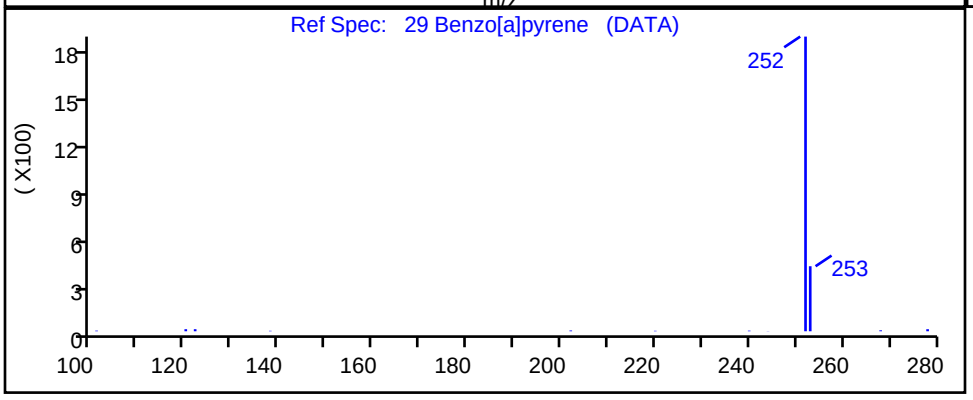
Processing Results











RT	Mass	Response	Amount
12.25	252.00	200	0.001015
12.25	253.00	58	

Reviewer: G4KC, 11-Dec-2023 12:58:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

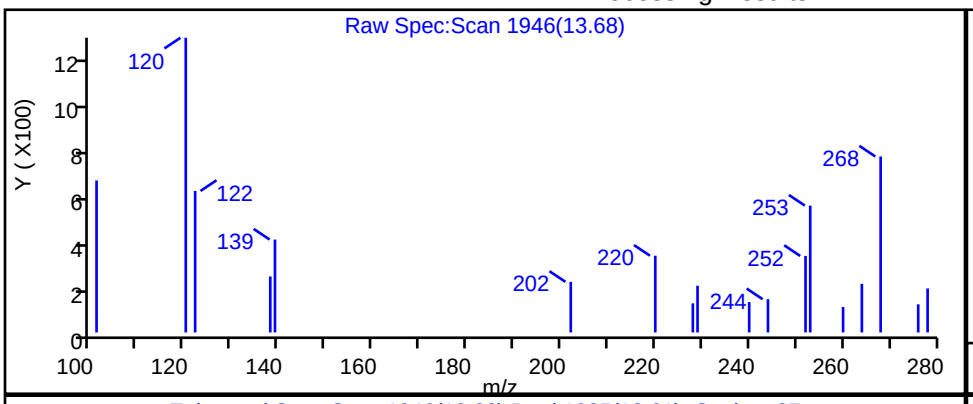
User Disabled Compound Report

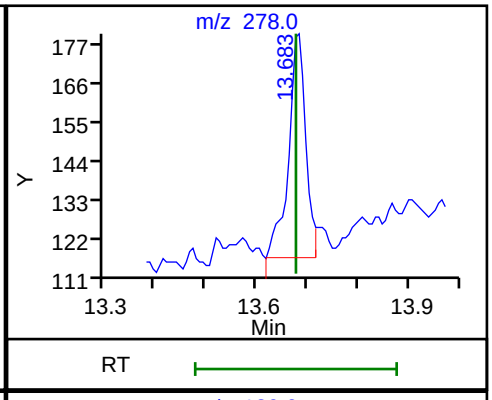
Eurofins Edison

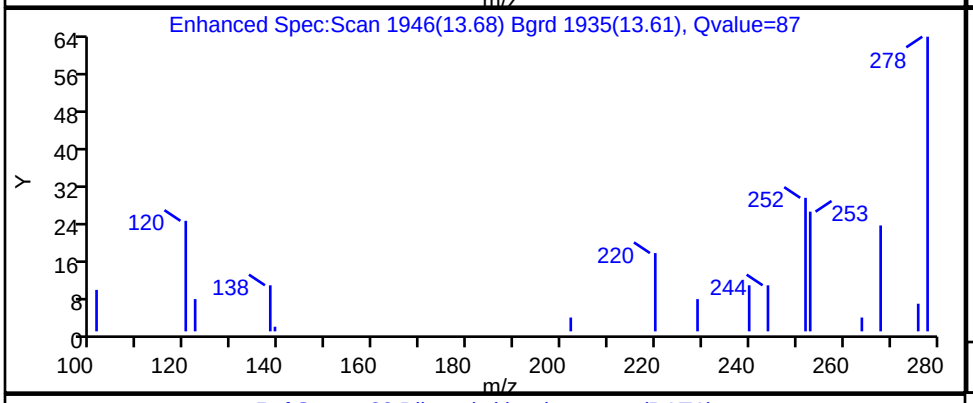
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29273.D				
Injection Date:	11-Dec-2023 12:33:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-4-A	Lab Sample ID:	460-215449-4		
Client ID:	MW-13S_20231204				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

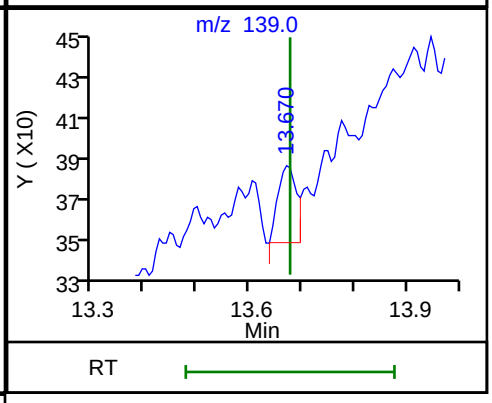
32 Dibenz(a,h)anthracene, CAS: 53-70-3

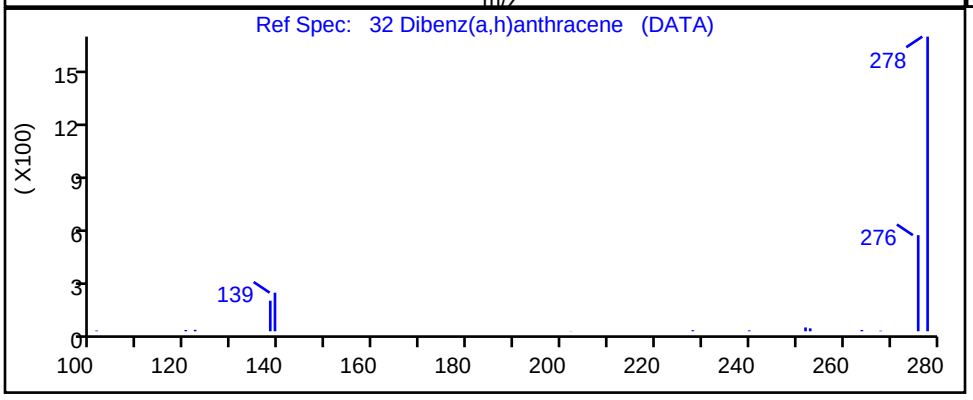
Processing Results











RT	Mass	Response	Amount
13.68	278.00	156	0.000648
13.67	139.00	91	

Reviewer: G4KC, 11-Dec-2023 12:58:12 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-22S_20231204 | Lab Sample ID: 480-215449-5

Matrix: Water | Lab File ID: C29274.D

Analysis Method: 8270E SIM | Date Collected: 12/04/2023 14:45

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 12:54

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.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.041	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.026	J *+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.034	J	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	0.035	J	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.035	J	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.039	J	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D
Lims ID: 480-215449-A-5-A
Client ID: MW-22S_20231204
Sample Type: Client
Inject. Date: 11-Dec-2023 12:54:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-010
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 13:13:54 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 13:13:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	29963	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	91820	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	97	40923	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	100	70669	0.2000	
24 Benzo[a]anthracene	228	10.585	10.578	0.000	90	1504	0.005067	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	98	34615	0.2000	
27 Benzo[b]fluoranthene	252	11.785	11.778	0.000	100	1227	0.004206	
28 Benzo[k]fluoranthene	252	11.818	11.811	0.000	90	1412	0.004420	
29 Benzo[a]pyrene	252	12.173	12.167	-0.001	98	689	0.003292	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	31030	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.630	13.623	0.000	99	1247	0.004815	
32 Dibenz(a,h)anthracene	278	13.676	13.669	0.000	96	1130	0.004419	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

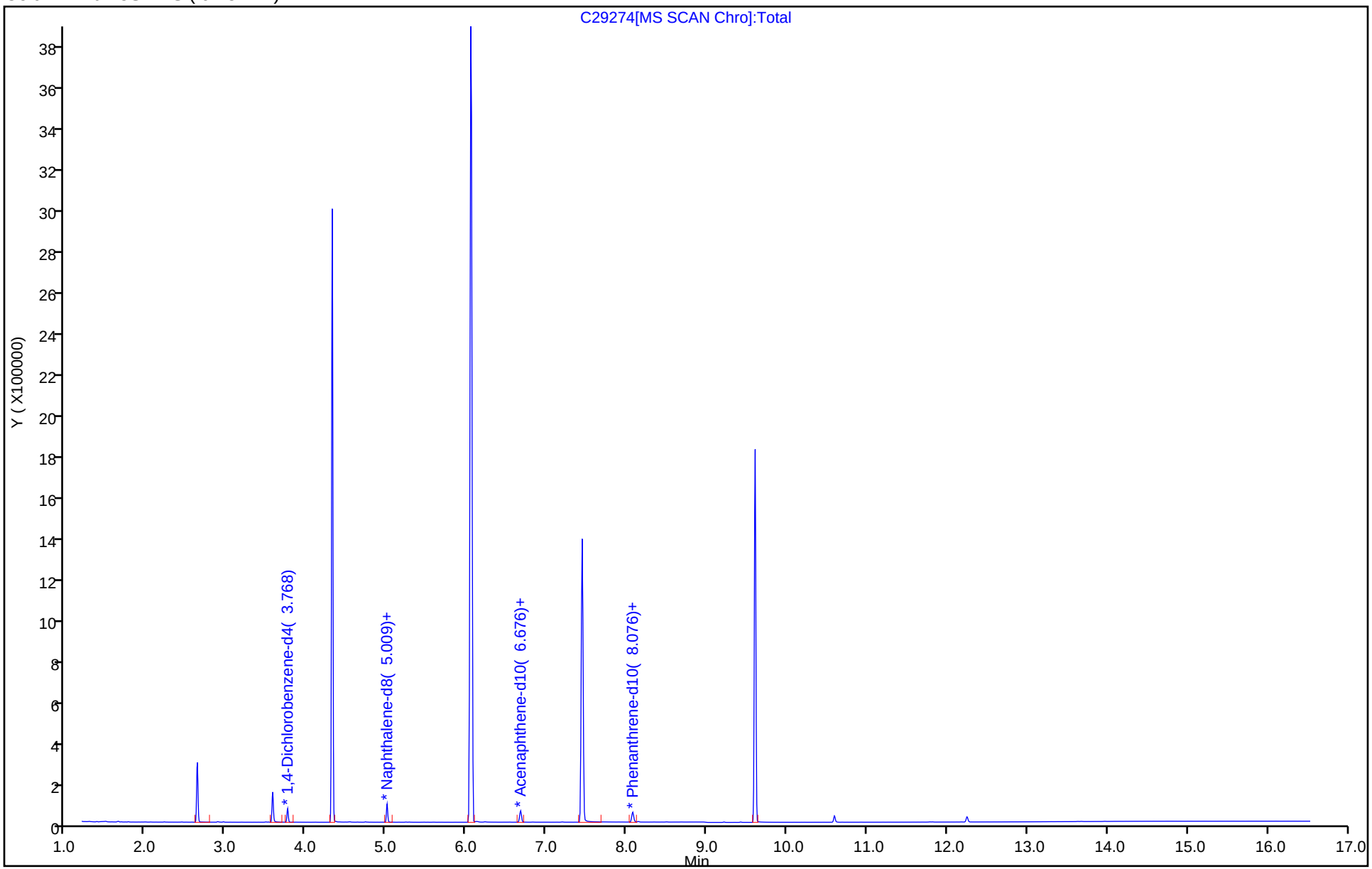
Report Date: 11-Dec-2023 13:13:54 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D

Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5	Worklist Smp#:	10
Client ID:	MW-22S_20231204				
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\20231211-169974.b\C29274.D				
Lims ID:	480-215449-A-5-A				
Client ID:	MW-22S_20231204				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 12:54:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-010				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 13:13:54	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				

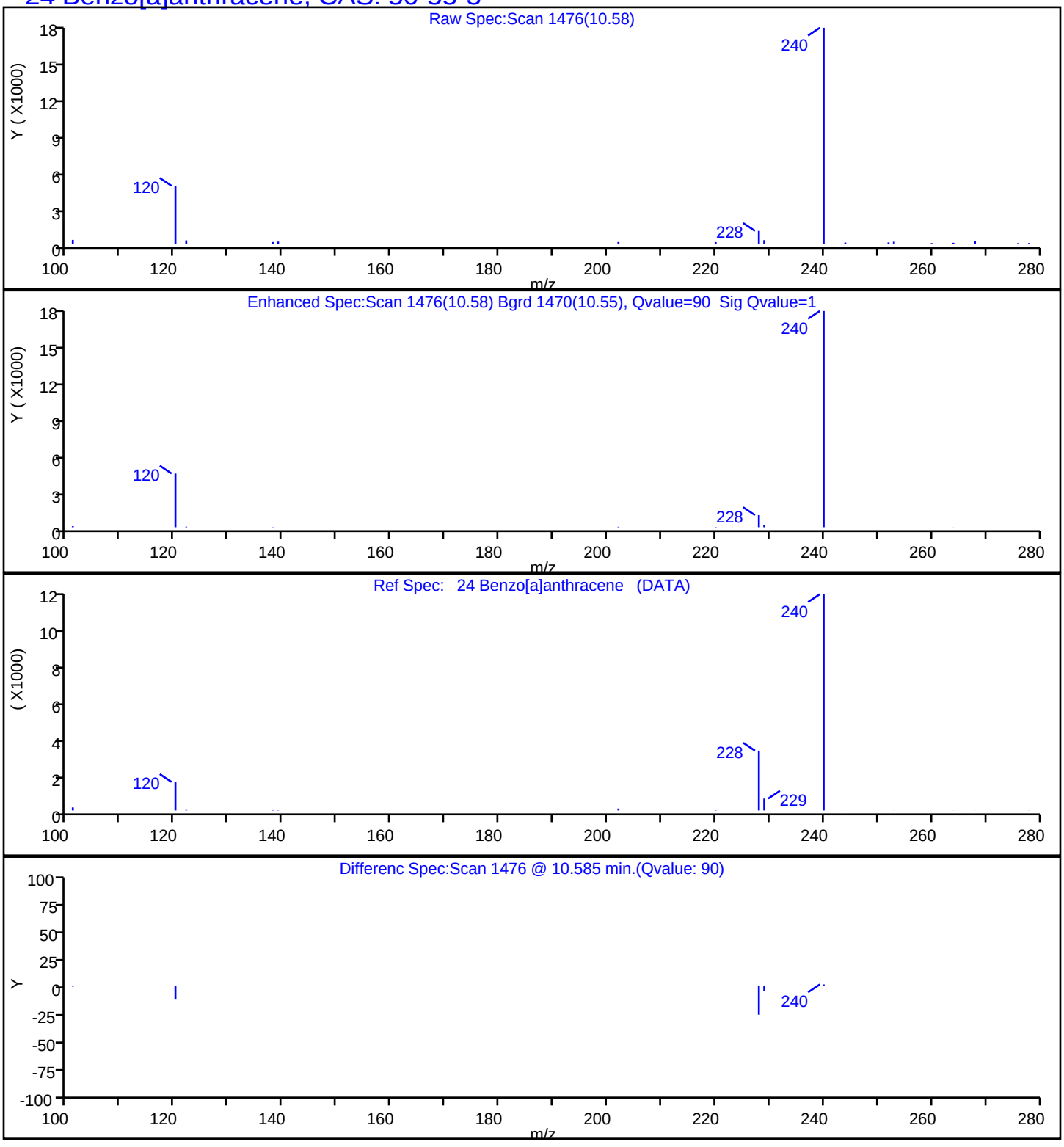
First Level Reviewer: G4KC Date: 11-Dec-2023 13:13:54

Compound	Amount Added	Amount Recovered	% Rec.

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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		

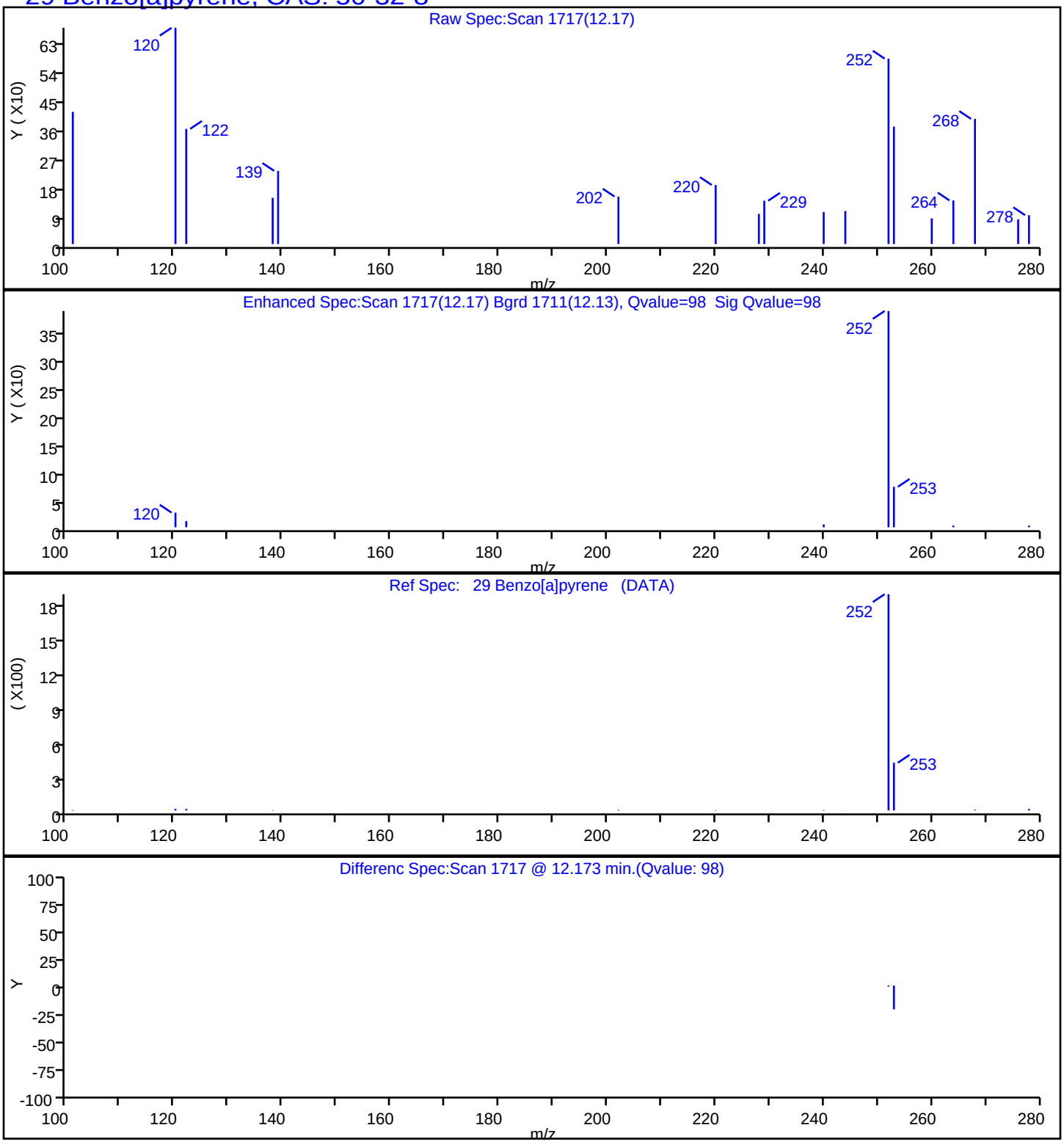
24 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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



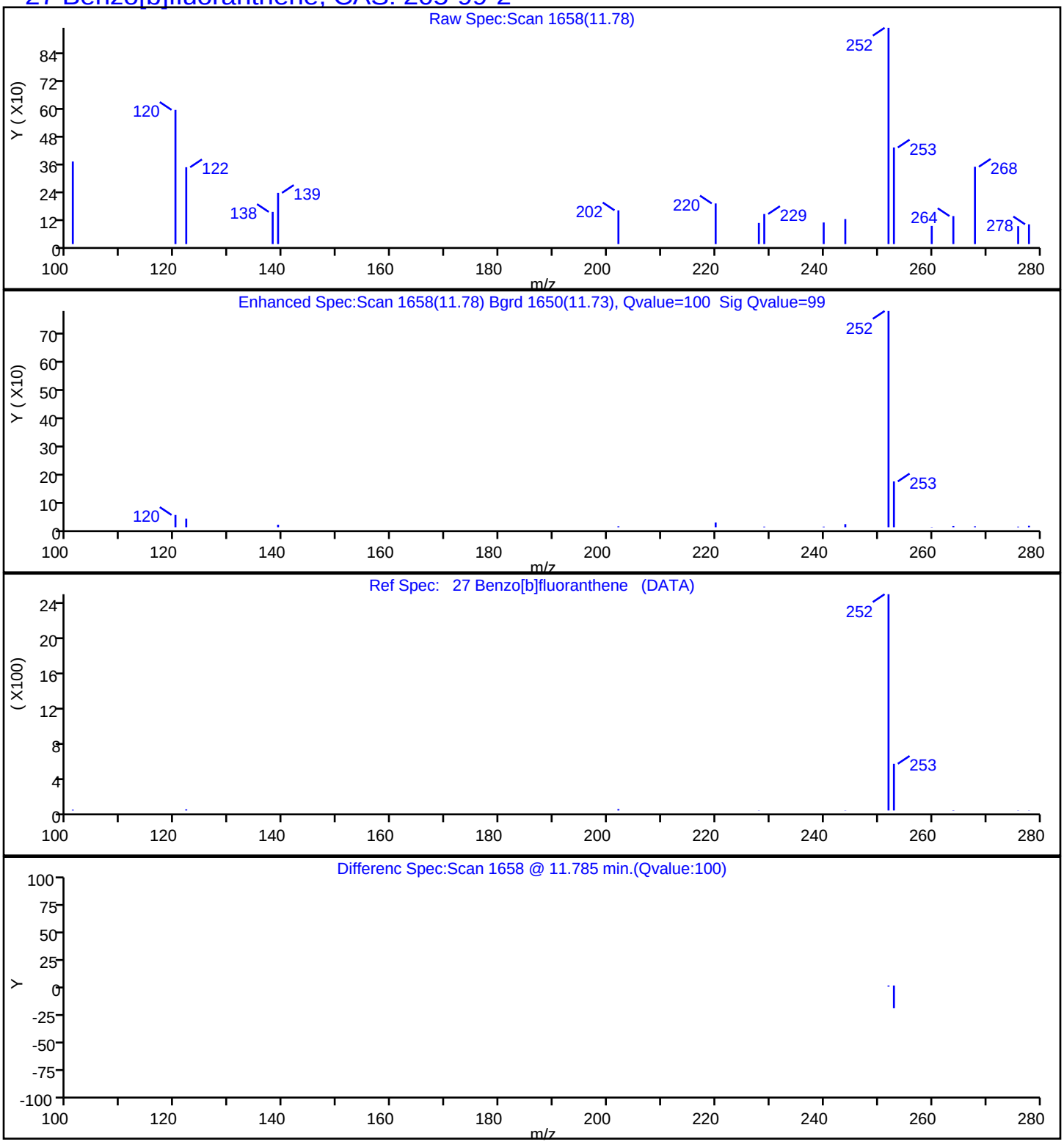
Report Date: 11-Dec-2023 13:13:54 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D

Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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		

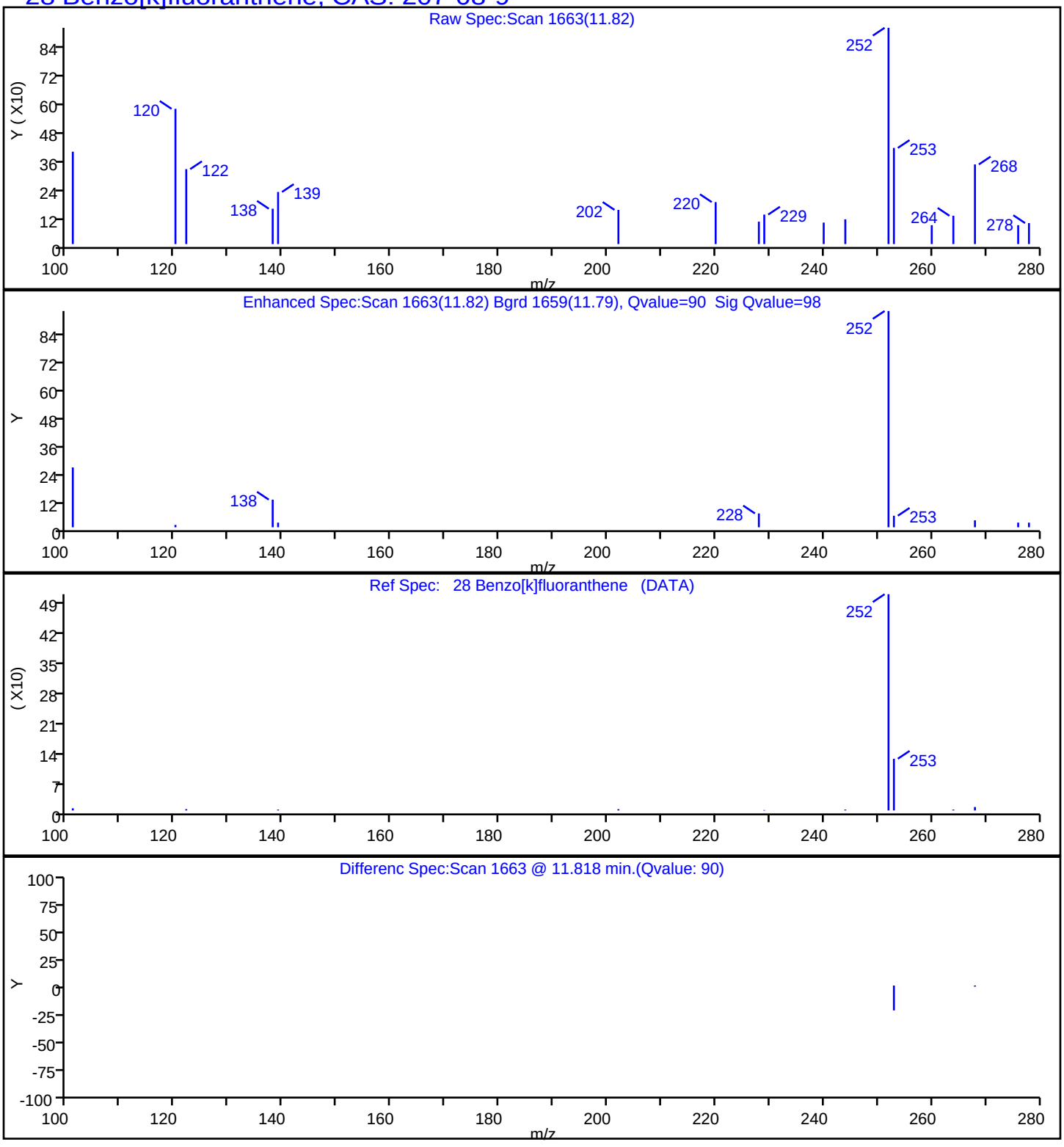
27 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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		

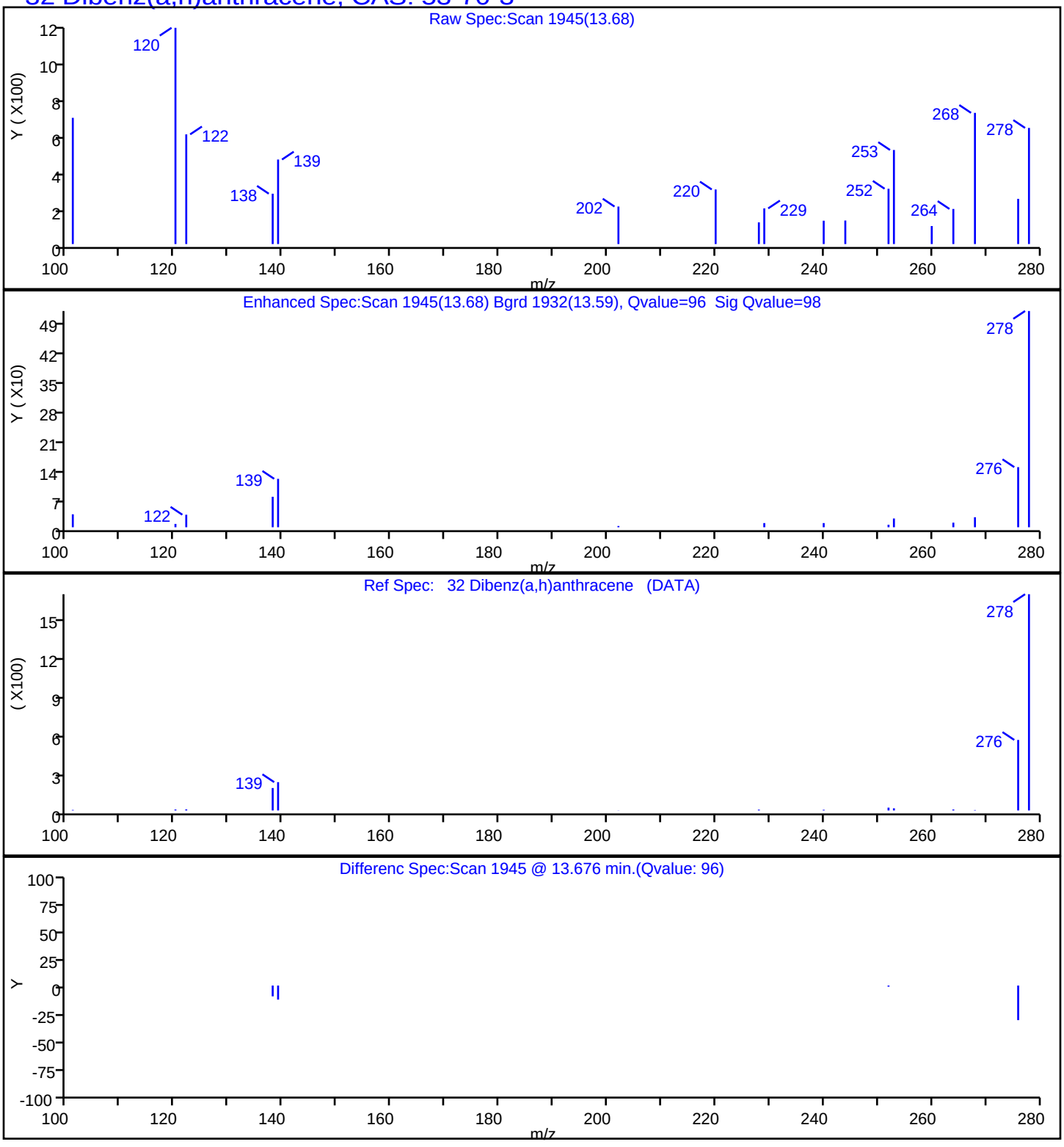
28 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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		

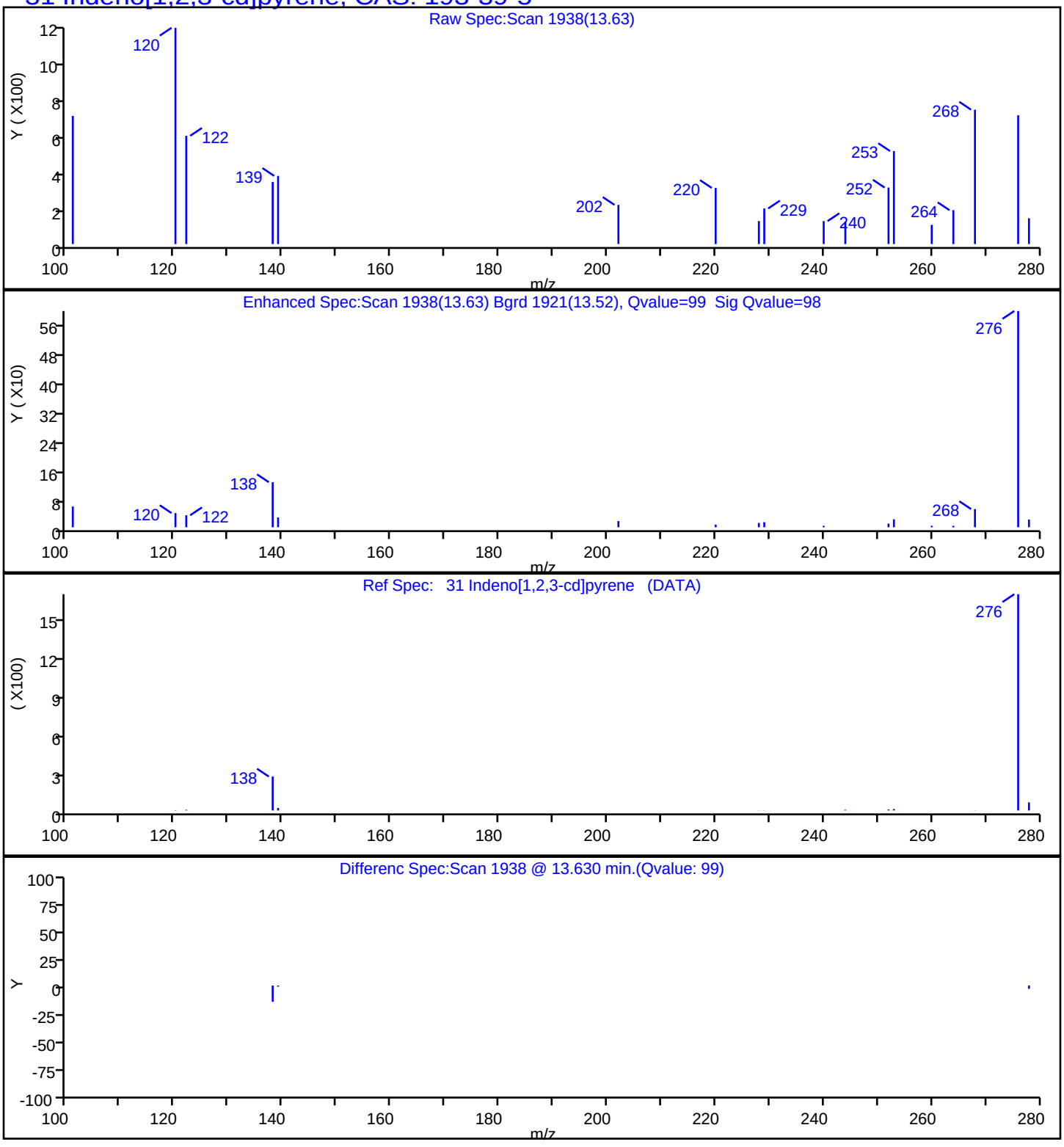
32 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
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		

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



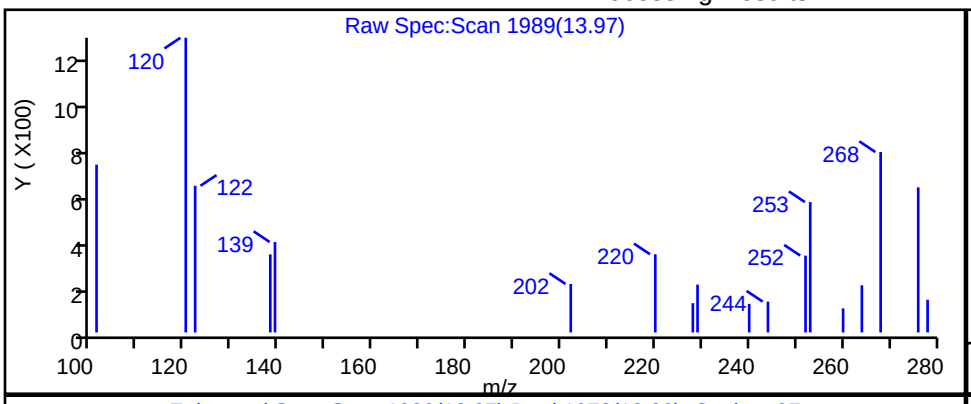
User Disabled Compound Report

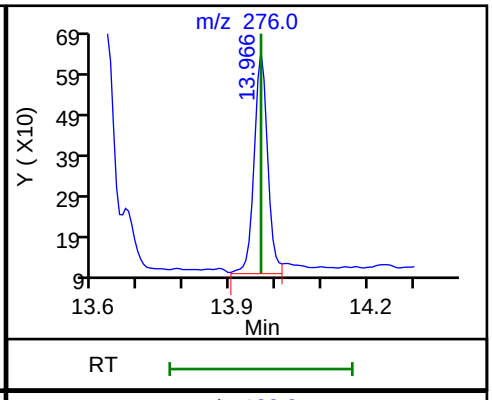
Eurofins Edison

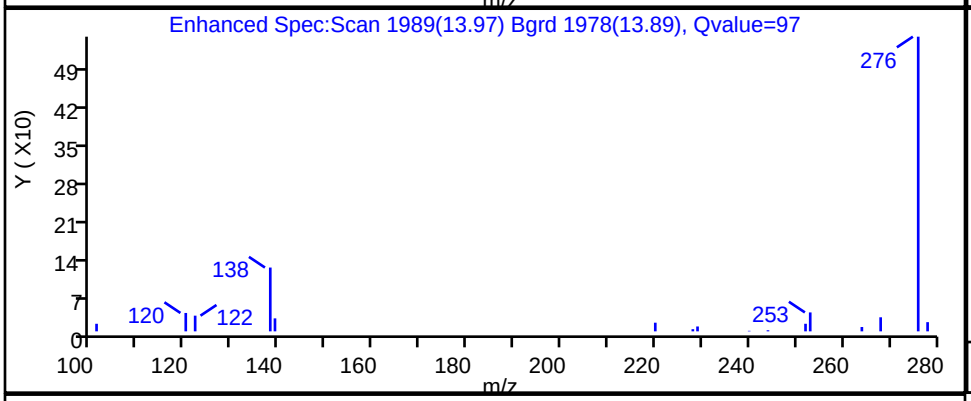
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29274.D				
Injection Date:	11-Dec-2023 12:54:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-5-A	Lab Sample ID:	460-215449-5		
Client ID:	MW-22S_20231204				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

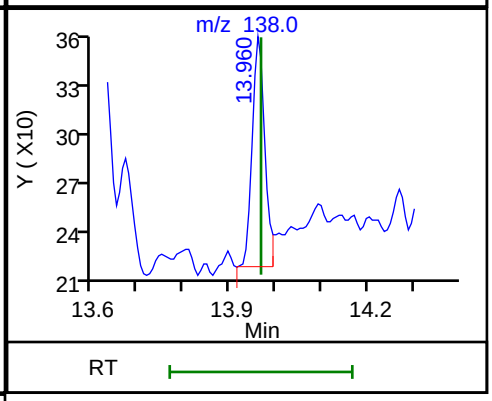
33 Benzo[g,h,i]perylene, CAS: 191-24-2

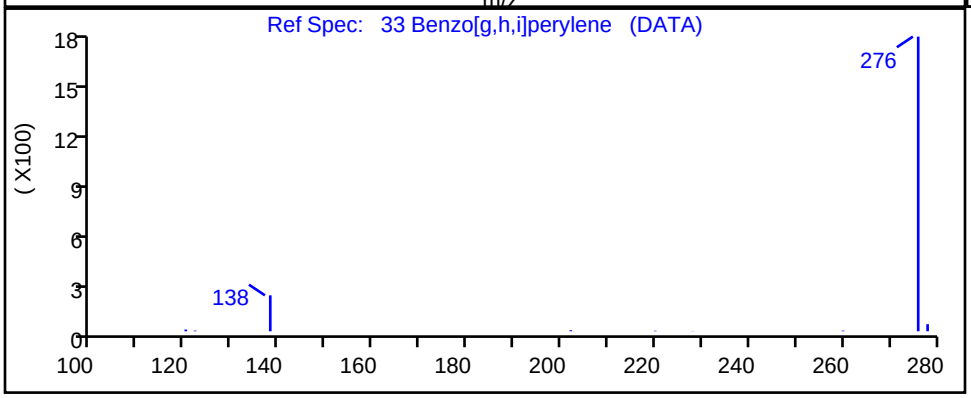
Processing Results











RT	Mass	Response	Amount
13.97	276.00	1103	0.003795
13.96	138.00	274	

Reviewer: G4KC, 11-Dec-2023 13:13:47 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-23S_20231205 | Lab Sample ID: 480-215449-6

Matrix: Water | Lab File ID: C29275.D

Analysis Method: 8270E SIM | Date Collected: 12/05/2023 09:05

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 13:15

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.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.030	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U *+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D
Lims ID: 480-215449-A-6-A
Client ID: MW-23S_20231205
Sample Type: Client
Inject. Date: 11-Dec-2023 13:15:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-011
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 13:35:10 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 13:46:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	28675	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	86979	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	95	39409	0.2000	
* 17 Phenanthrene-d10	188	8.075	8.076	-0.001	100	68032	0.2000	
24 Benzo[a]anthracene	228	10.585	10.578	0.000	89	1028	0.003721	
* 25 Chrysene-d12	240	10.591	10.598	-0.007	98	32217	0.2000	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	29824	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

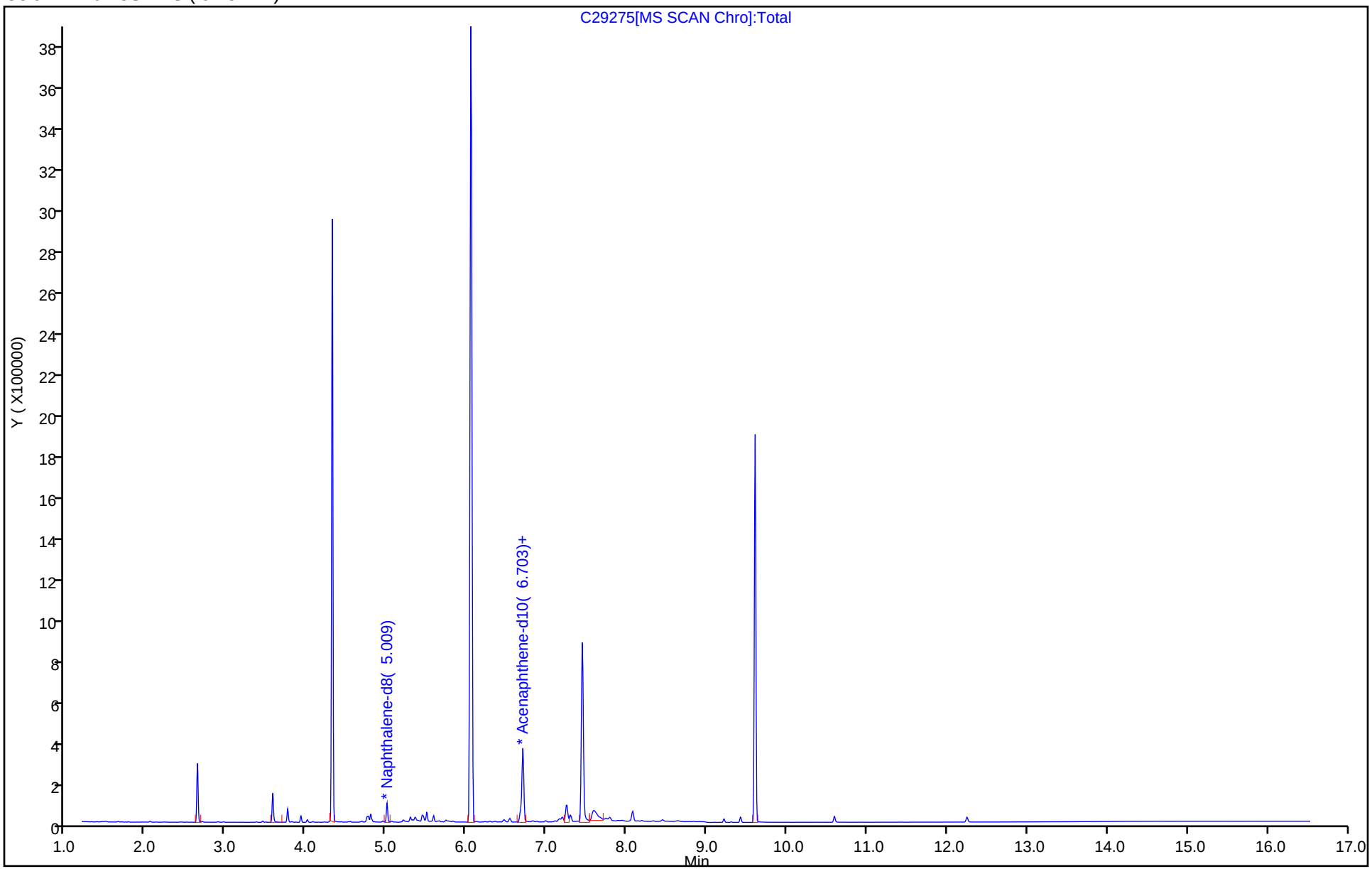
Report Date: 11-Dec-2023 13:46:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D

Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6	Worklist Smp#:	11
Client ID:	MW-23S_20231205				
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)



Eurofins Edison
Recovery Report

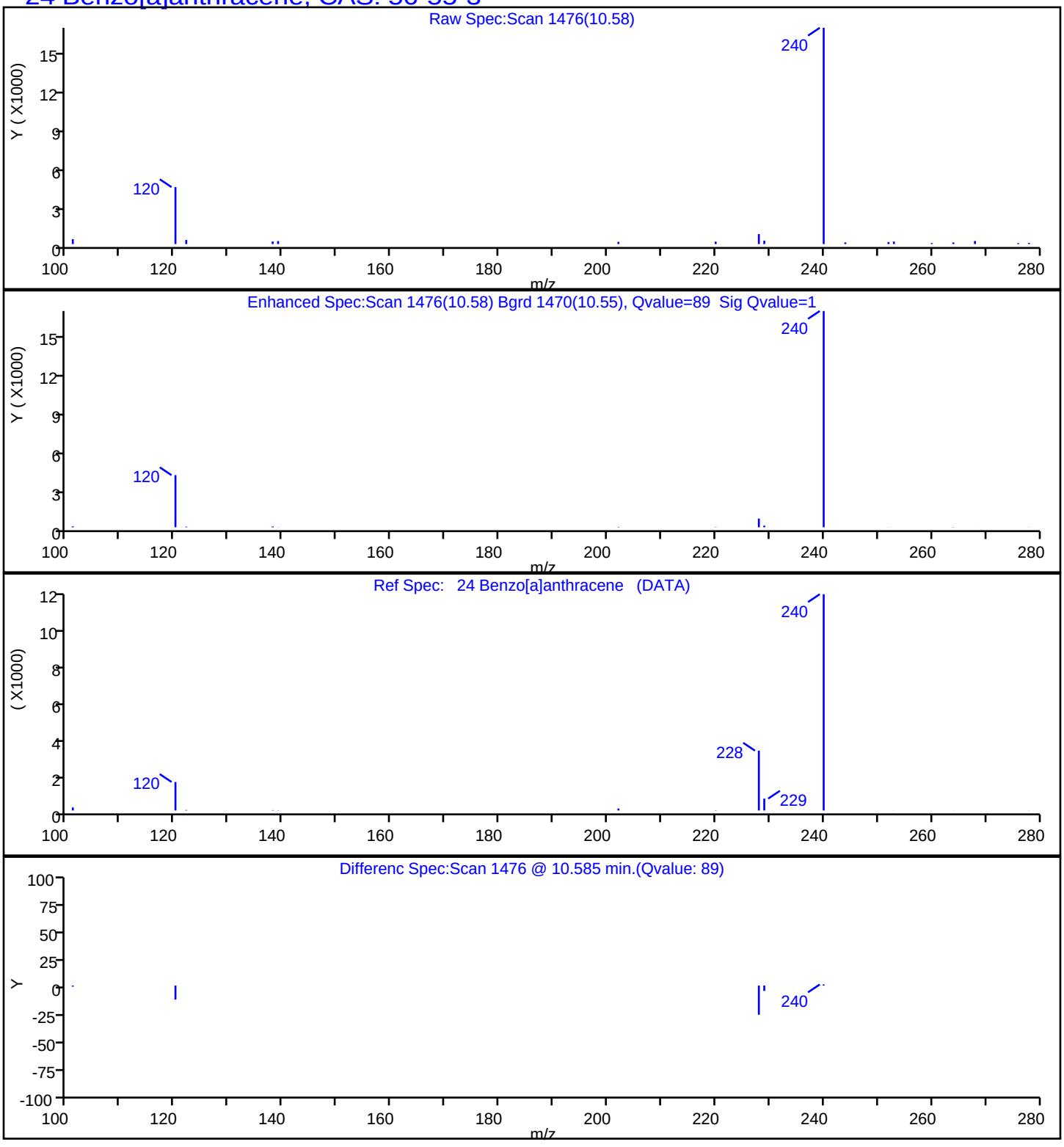
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Lims ID:	480-215449-A-6-A				
Client ID:	MW-23S_20231205				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 13:15:30	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-011				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 13:35:10	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				
First Level Reviewer: G4KC		Date:	11-Dec-2023 13:46:08		

Compound	Amount Added	Amount Recovered	% Rec.

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
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



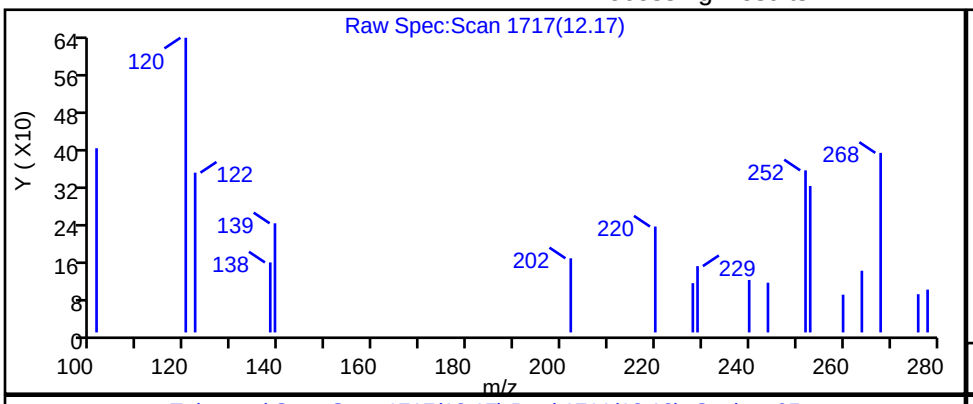
User Disabled Compound Report

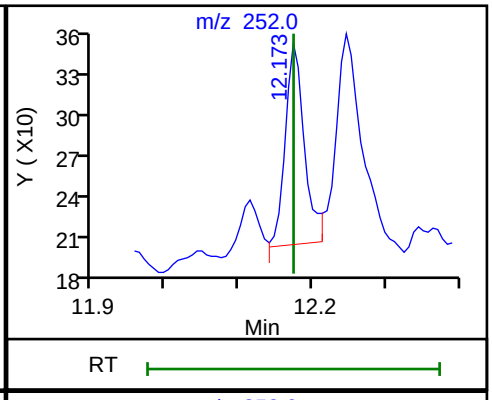
Eurofins Edison

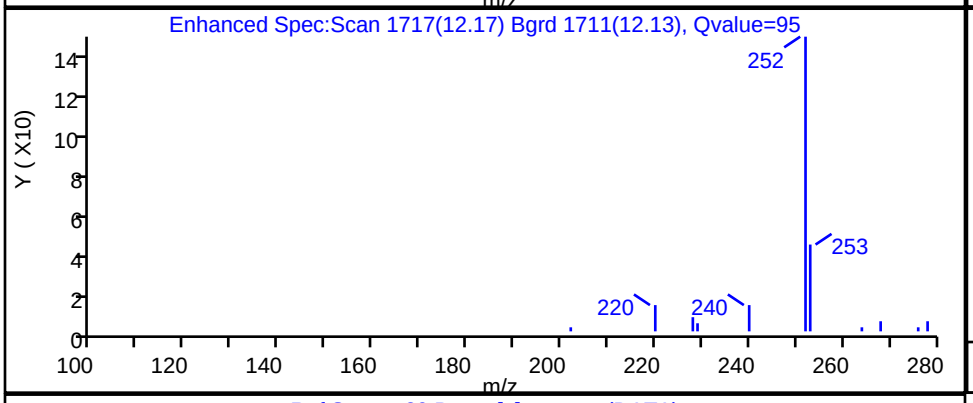
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

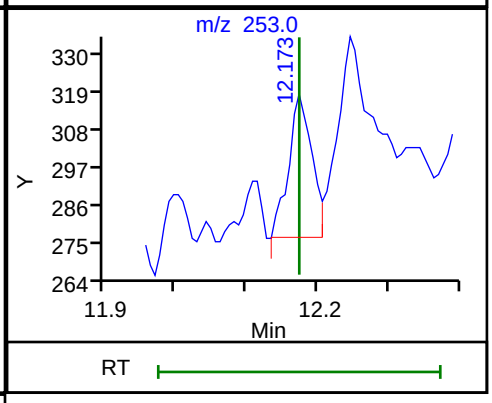
29 Benzo[a]pyrene, CAS: 50-32-8

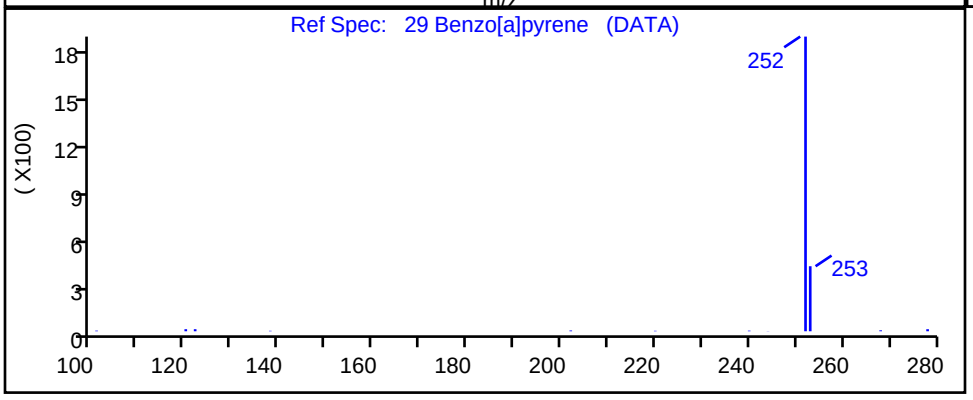
Processing Results











RT	Mass	Response	Amount
12.17	252.00	276	0.001372
12.17	253.00	100	

Reviewer: G4KC, 11-Dec-2023 13:35:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

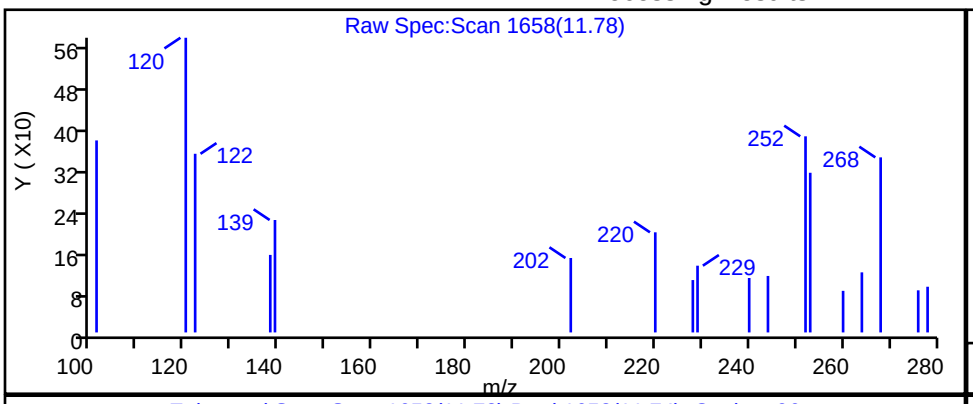
User Disabled Compound Report

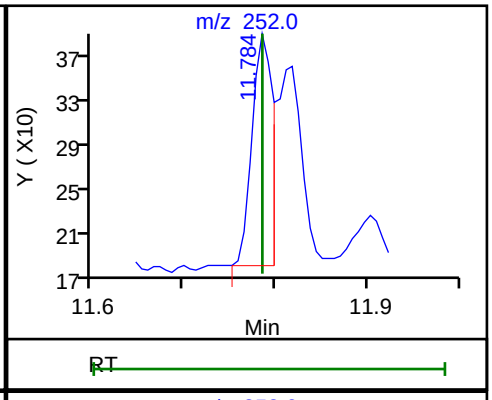
Eurofins Edison

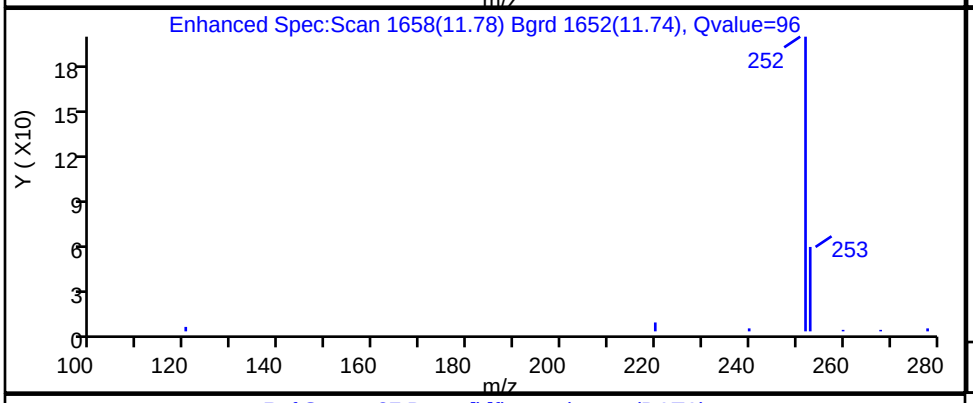
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

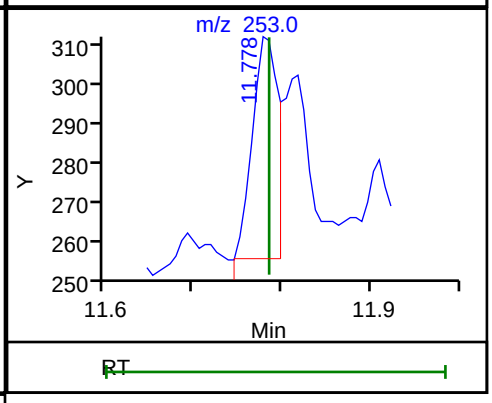
27 Benzo[b]fluoranthene, CAS: 205-99-2

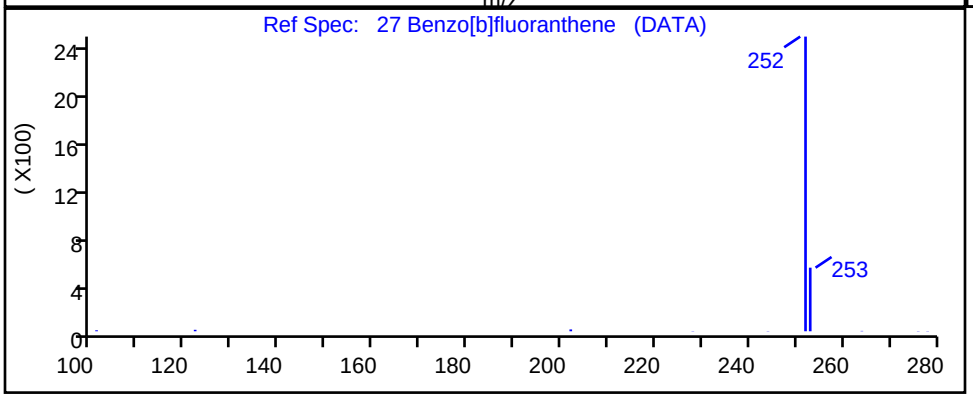
Processing Results











RT	Mass	Response	Amount
11.78	252.00	316	0.001127
11.78	253.00	119	

Reviewer: G4KC, 11-Dec-2023 13:34:58 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

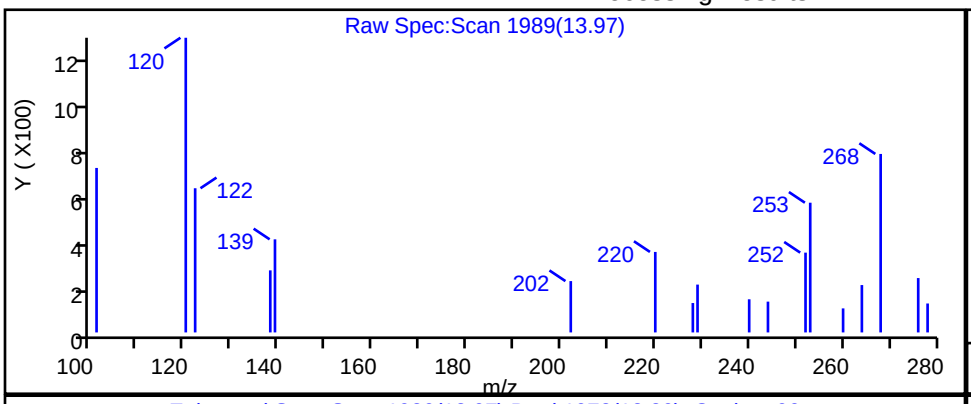
User Disabled Compound Report

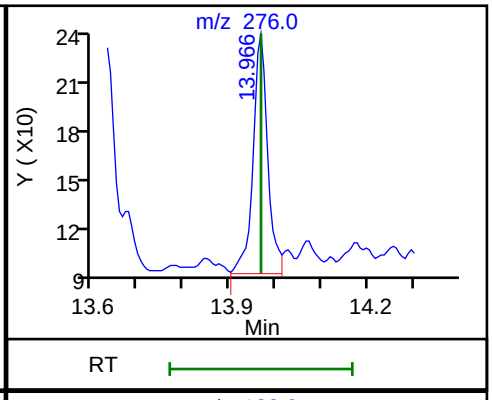
Eurofins Edison

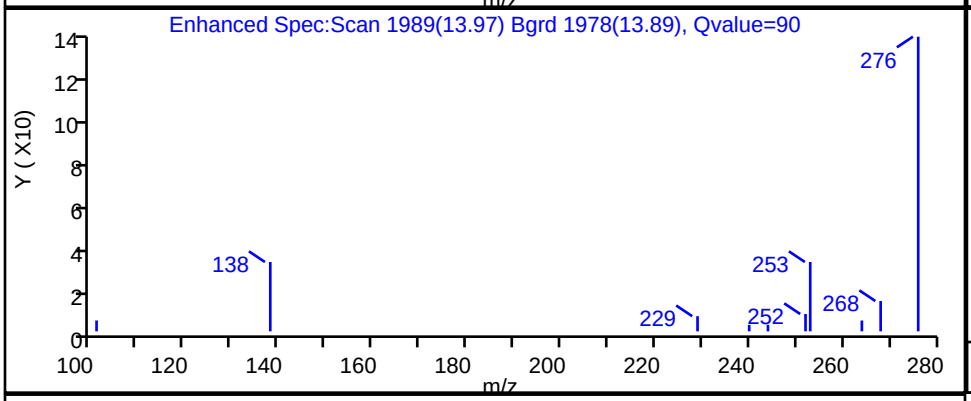
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

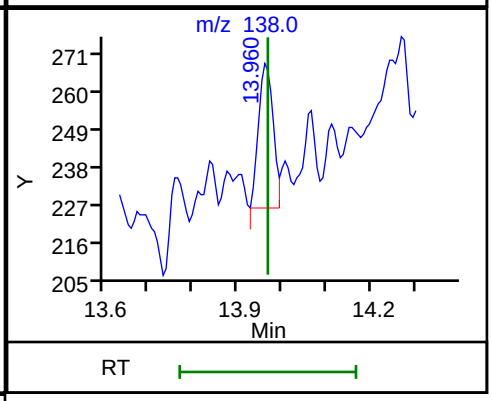
33 Benzo[g,h,i]perylene, CAS: 191-24-2

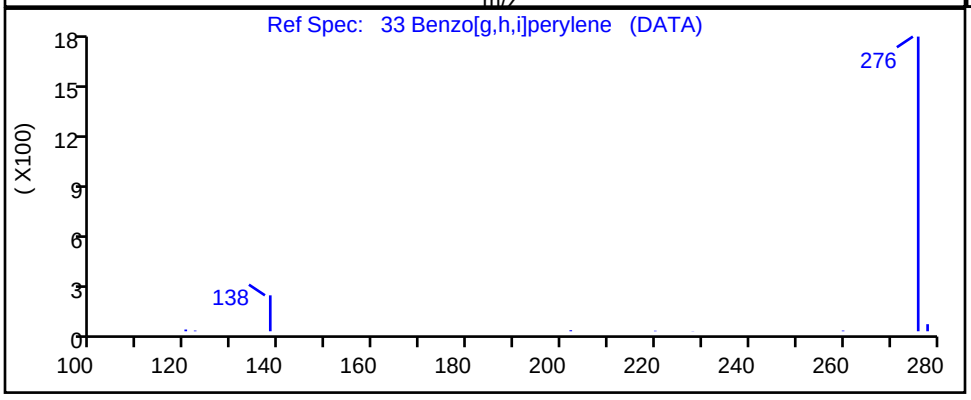
Processing Results











RT	Mass	Response	Amount
13.97	276.00	303	0.001085
13.96	138.00	100	

Reviewer: G4KC, 11-Dec-2023 13:35:02 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

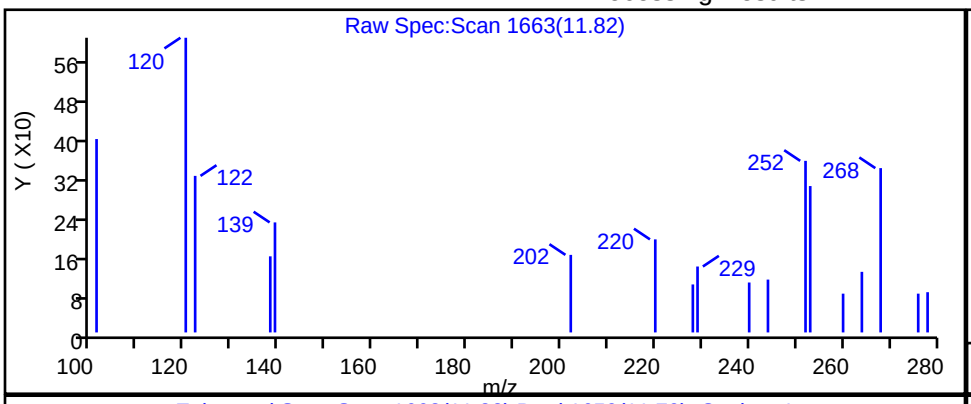
User Disabled Compound Report

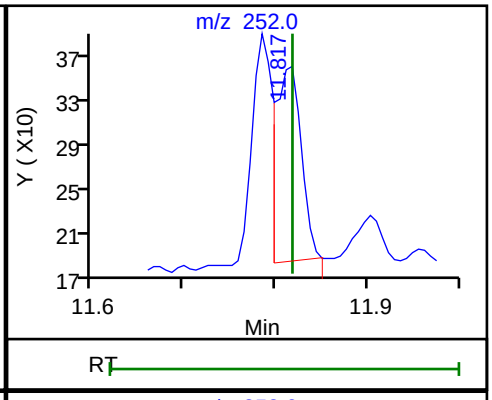
Eurofins Edison

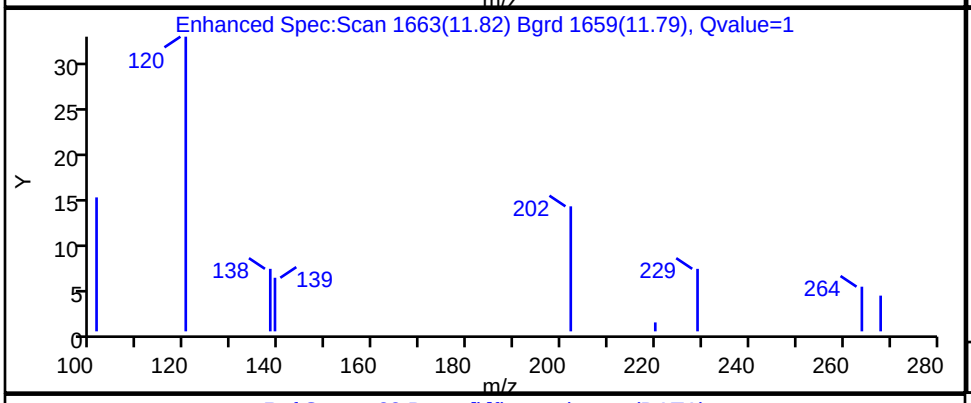
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

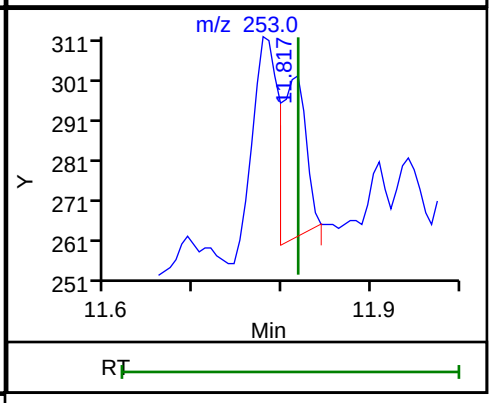
28 Benzo[k]fluoranthene, CAS: 207-08-9

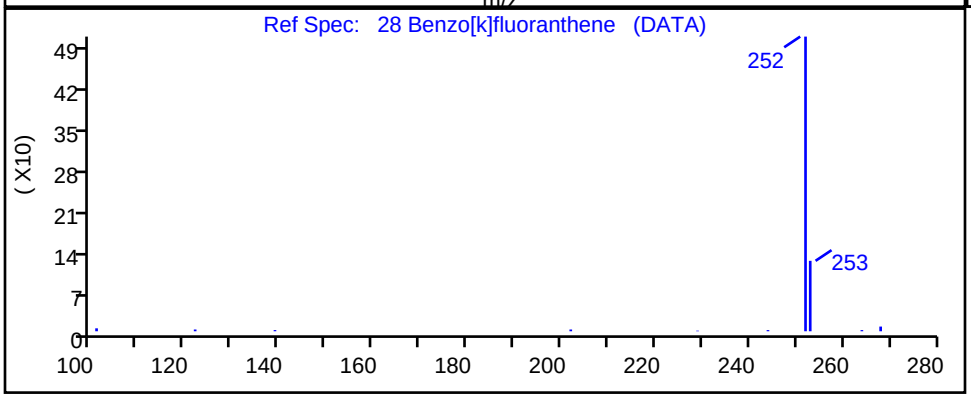
Processing Results











RT	Mass	Response	Amount
11.82	252.00	333	0.001085
11.82	253.00	80	

Reviewer: G4KC, 11-Dec-2023 13:34:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

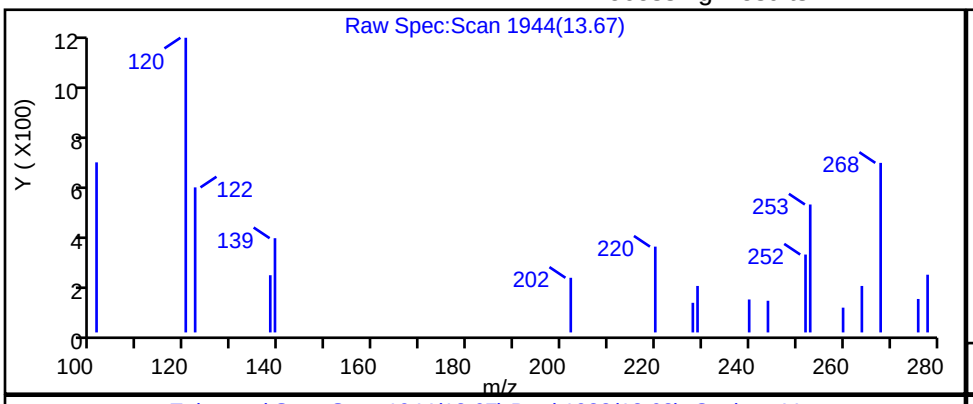
User Disabled Compound Report

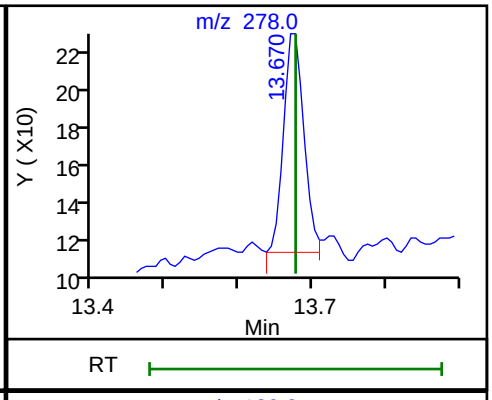
Eurofins Edison

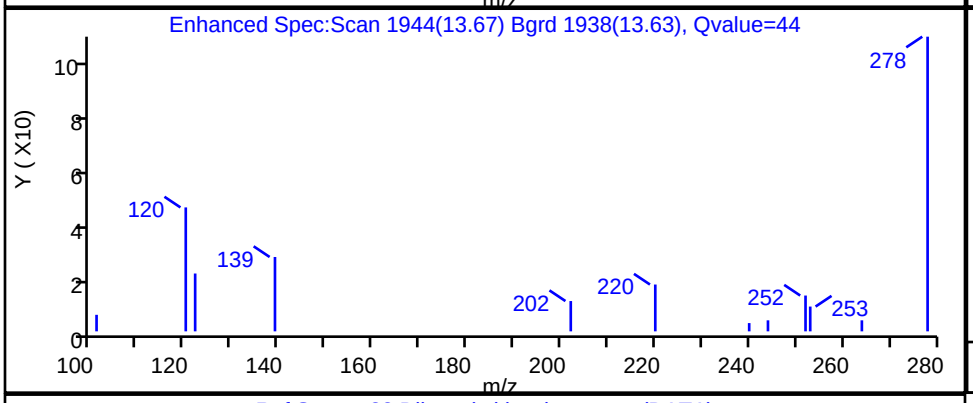
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29275.D				
Injection Date:	11-Dec-2023 13:15:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-6-A	Lab Sample ID:	460-215449-6		
Client ID:	MW-23S_20231205				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

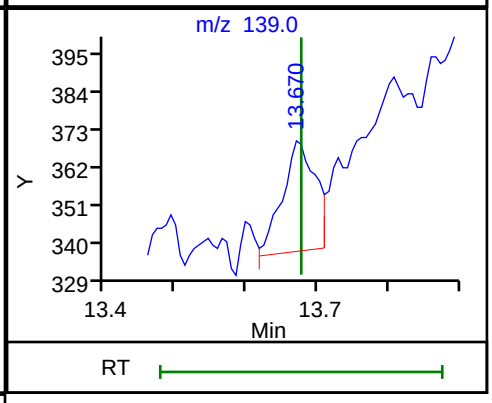
32 Dibenz(a,h)anthracene, CAS: 53-70-3

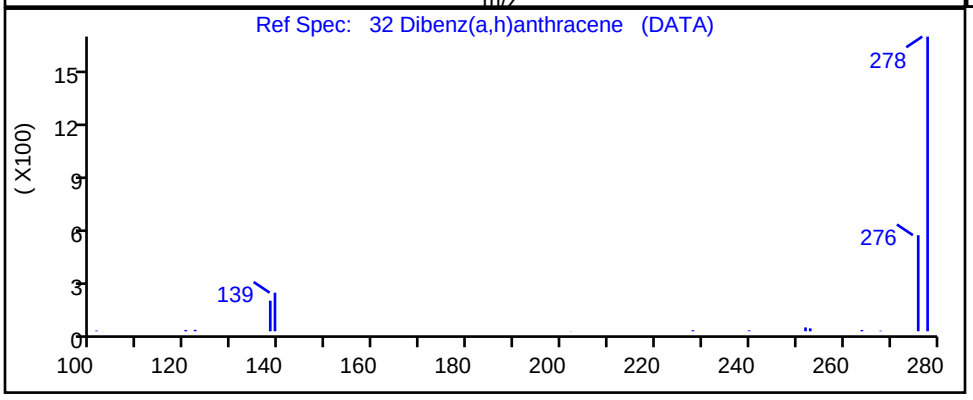
Processing Results











RT	Mass	Response	Amount
13.67	278.00	210	0.000854
13.67	139.00	108	

Reviewer: G4KC, 11-Dec-2023 13:35:02 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-46S_20231205 | Lab Sample ID: 480-215449-7

Matrix: Water | Lab File ID: C29276.D

Analysis Method: 8270E SIM | Date Collected: 12/05/2023 11:05

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 13:36

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.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	4.0		0.050	0.016
50-32-8	Benzo[a]pyrene	4.5	*+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	2.7		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.4		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.0		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.51		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.3		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D
Lims ID: 480-215449-A-7-A
Client ID: MW-46S_20231205
Sample Type: Client
Inject. Date: 11-Dec-2023 13:36:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-012
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 14:17:09 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 13:57:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	98	27439	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	41	85009	0.2000	a
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	69	43743	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	39	67852	0.2000	
24 Benzo[a]anthracene	228	10.585	10.578	0.000	18	137383	0.4973	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	35	32221	0.2000	
27 Benzo[b]fluoranthene	252	11.785	11.778	0.000	100	89009	0.3421	M
28 Benzo[k]fluoranthene	252	11.804	11.811	-0.014	1	37101	0.1302	Ma
29 Benzo[a]pyrene	252	12.173	12.167	-0.001	100	105145	0.5633	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	27675	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.624	13.623	-0.006	89	38930	0.1685	
32 Dibenz(a,h)anthracene	278	13.670	13.669	-0.006	90	14420	0.0632	
33 Benzo[g,h,i]perylene	276	13.960	13.959	-0.006	97	45143	0.1742	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

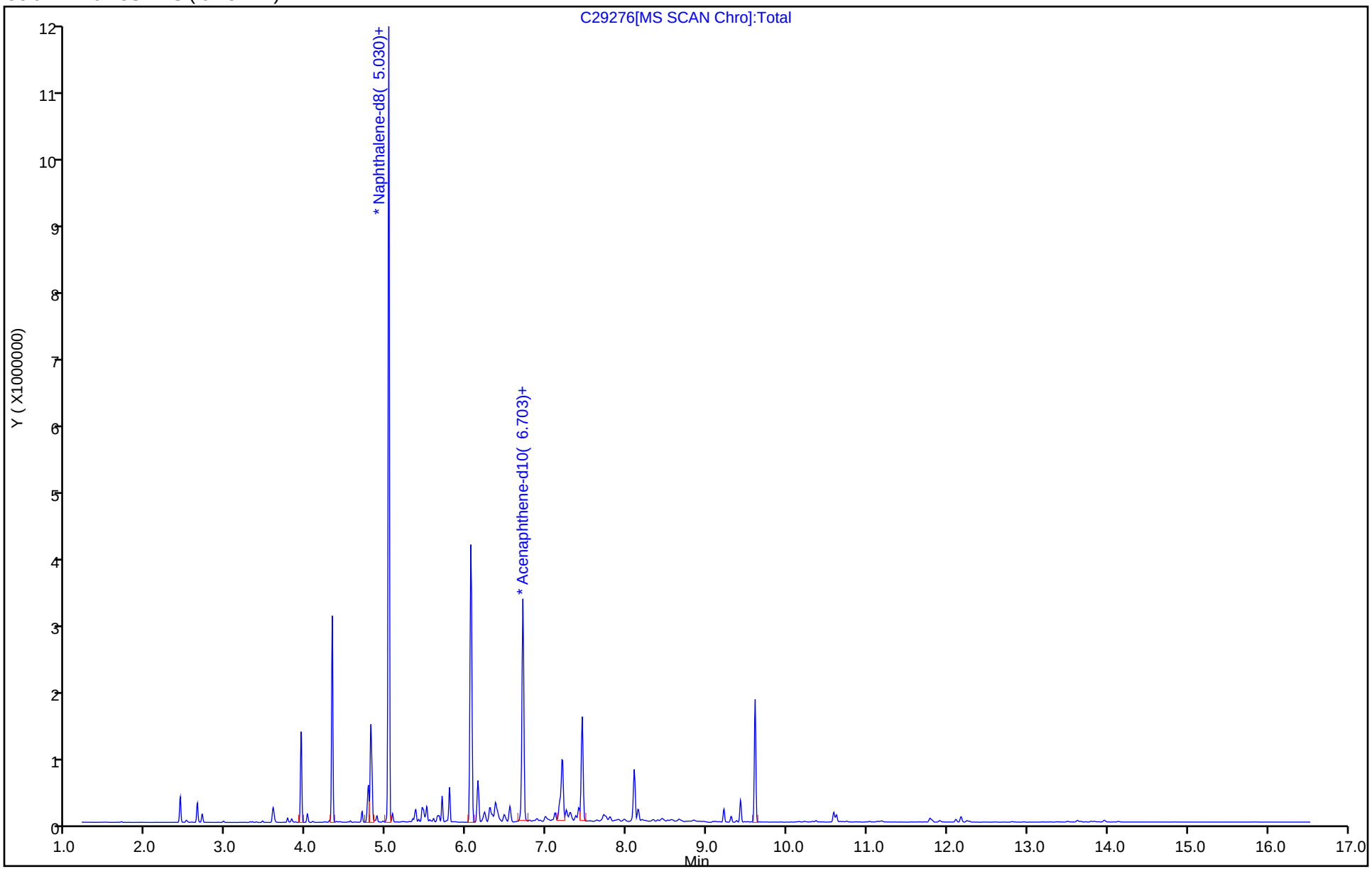
Report Date: 11-Dec-2023 14:17:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D

Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7	Worklist Smp#:	12
Client ID:	MW-46S_20231205				
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\20231211-169974.b\C29276.D				
Lims ID:	480-215449-A-7-A				
Client ID:	MW-46S_20231205				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 13:36:30	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-012				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 14:17:09	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				

First Level Reviewer: G4KC Date: 11-Dec-2023 13:57:03

Compound	Amount Added	Amount Recovered	% Rec.

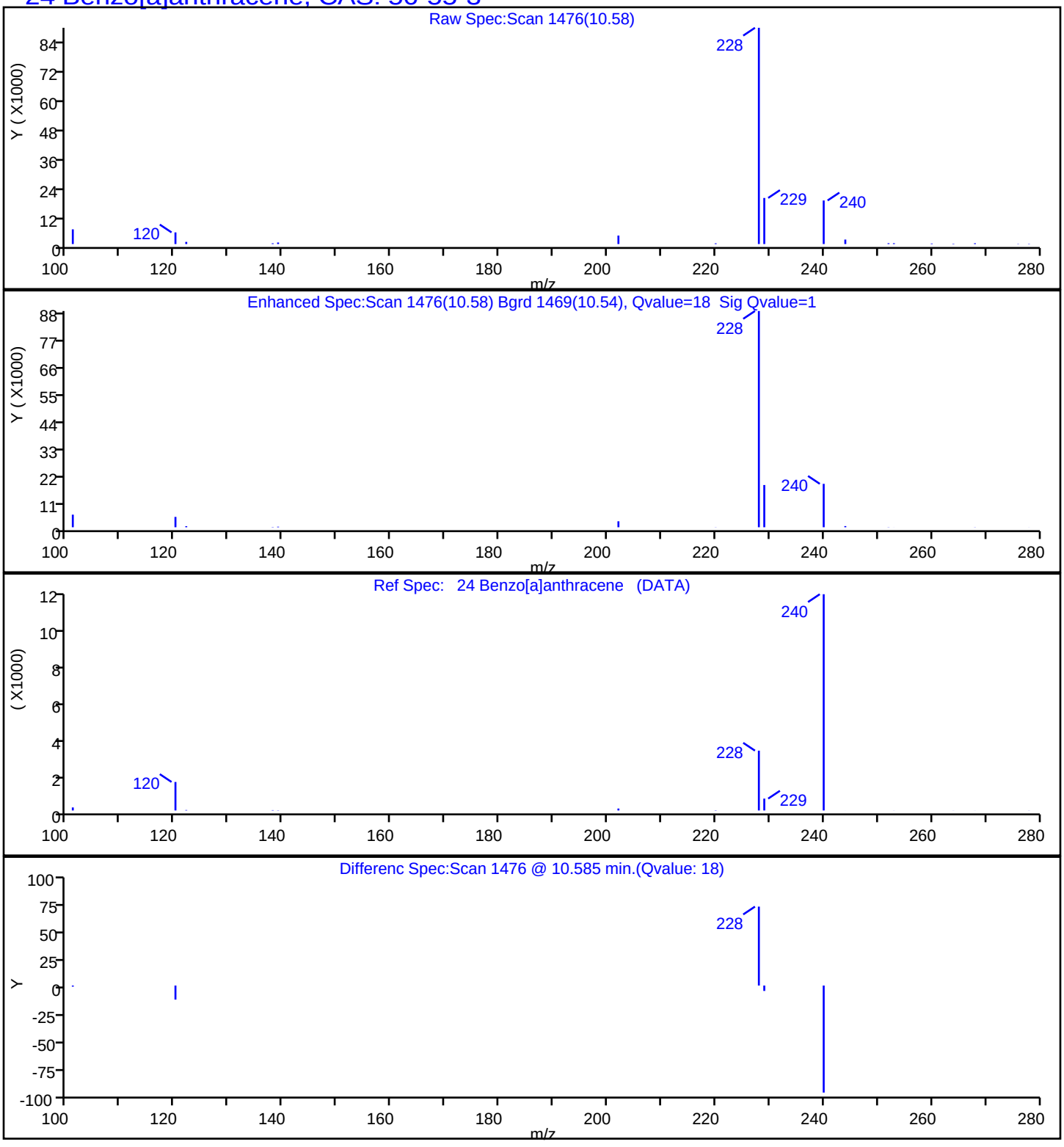
Report Date: 11-Dec-2023 14:17:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D

Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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		

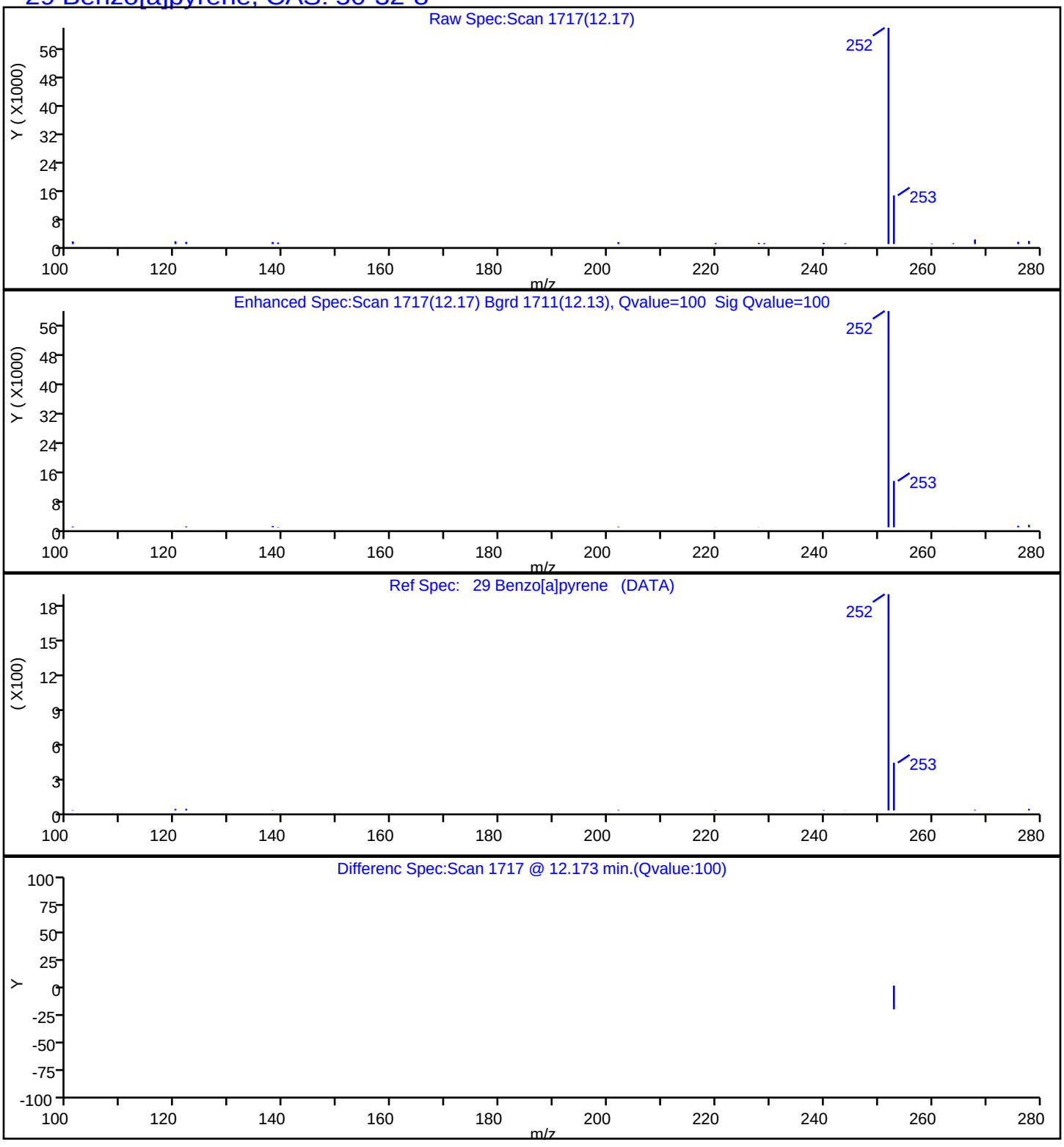
24 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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



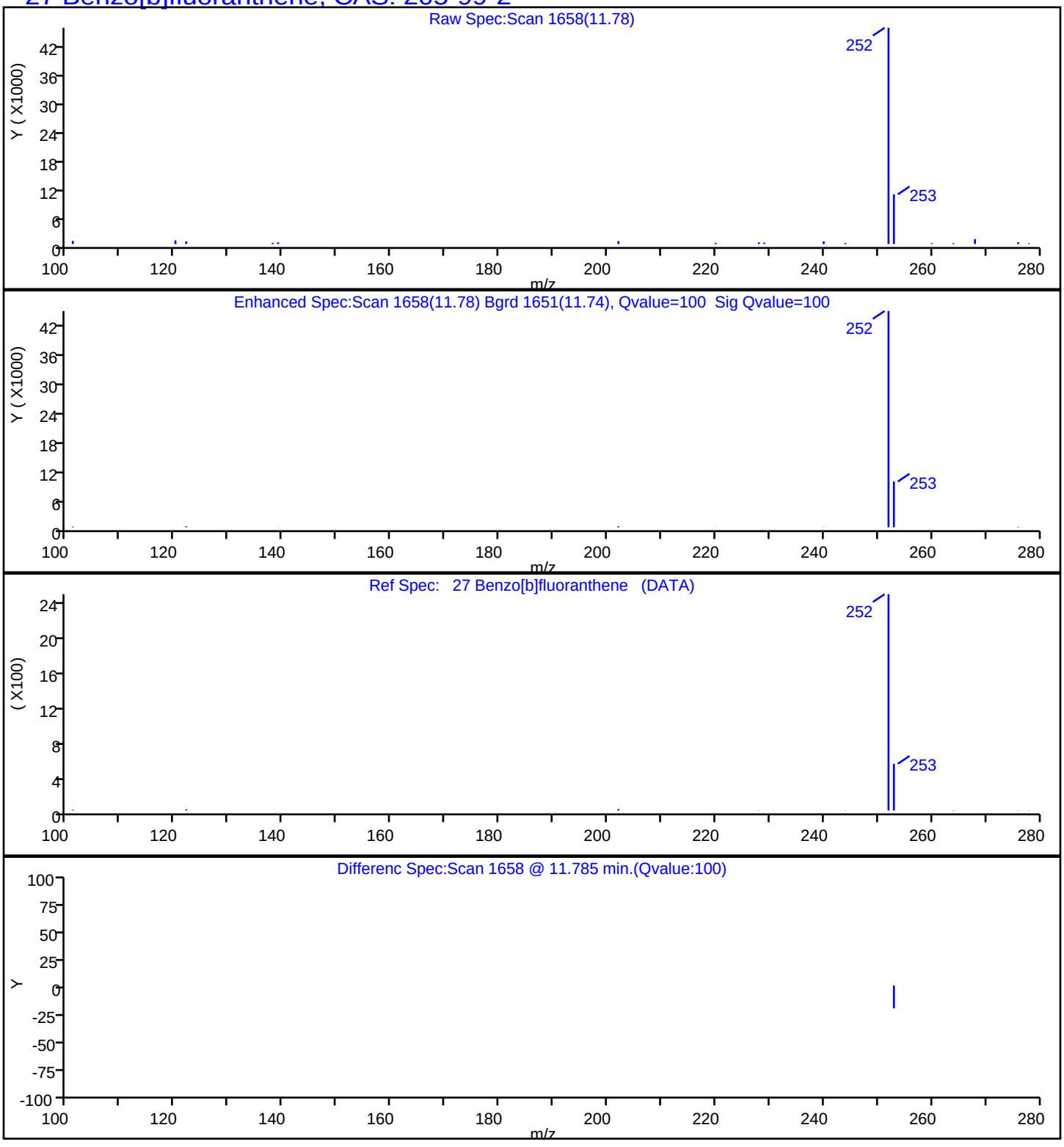
Report Date: 11-Dec-2023 14:17:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D

Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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		

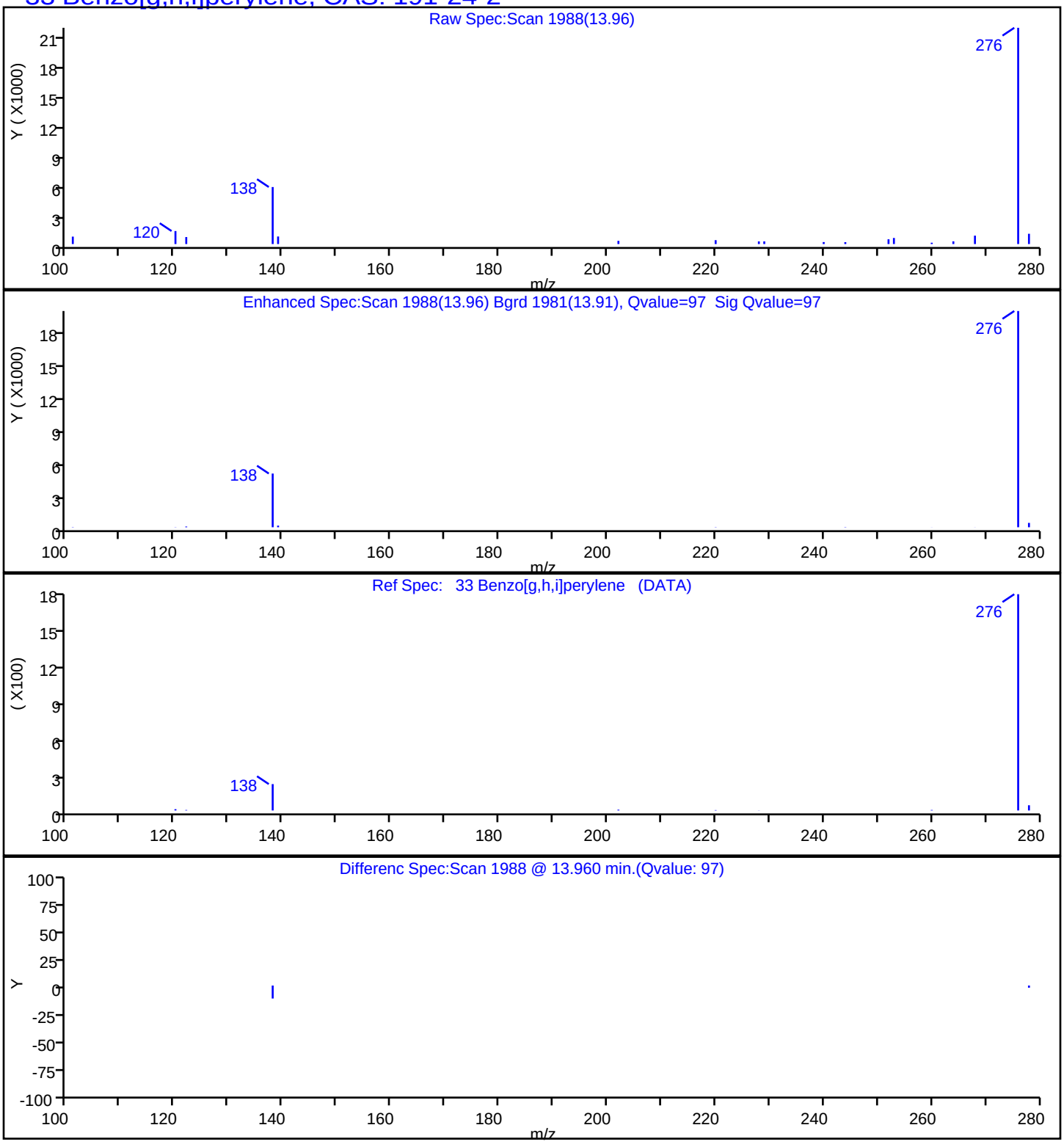
27 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

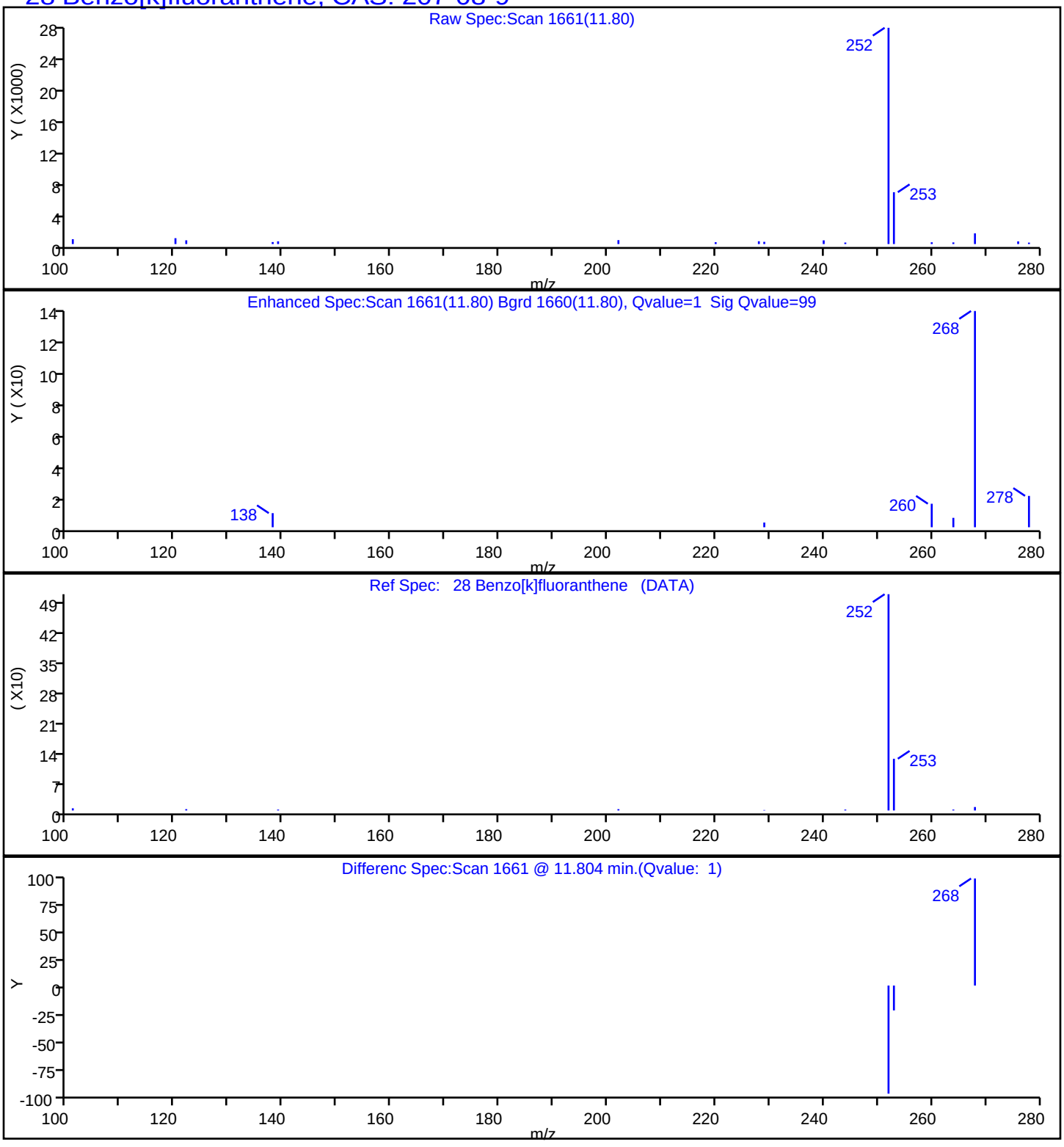
33 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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



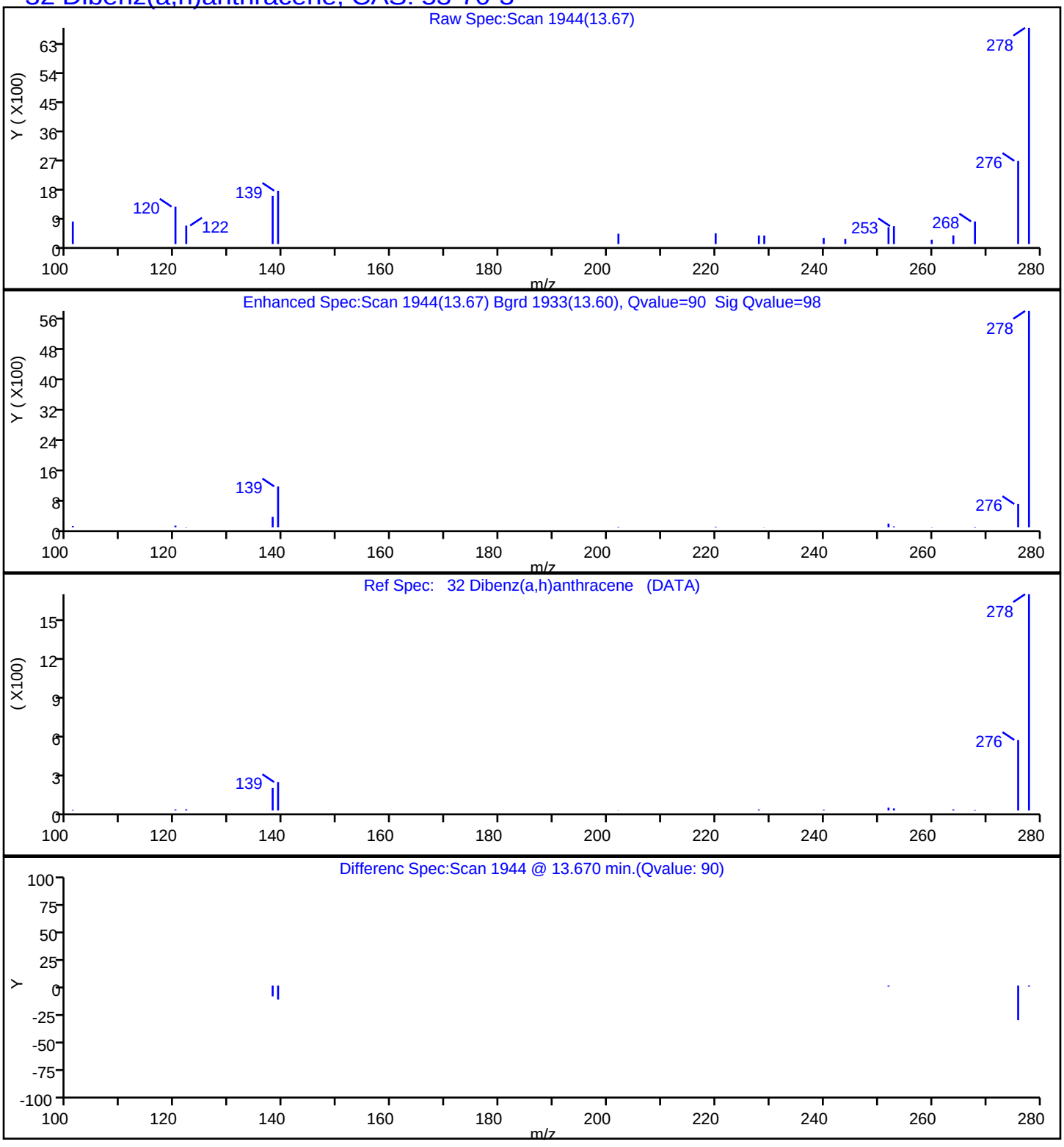
Report Date: 11-Dec-2023 14:17:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D

Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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



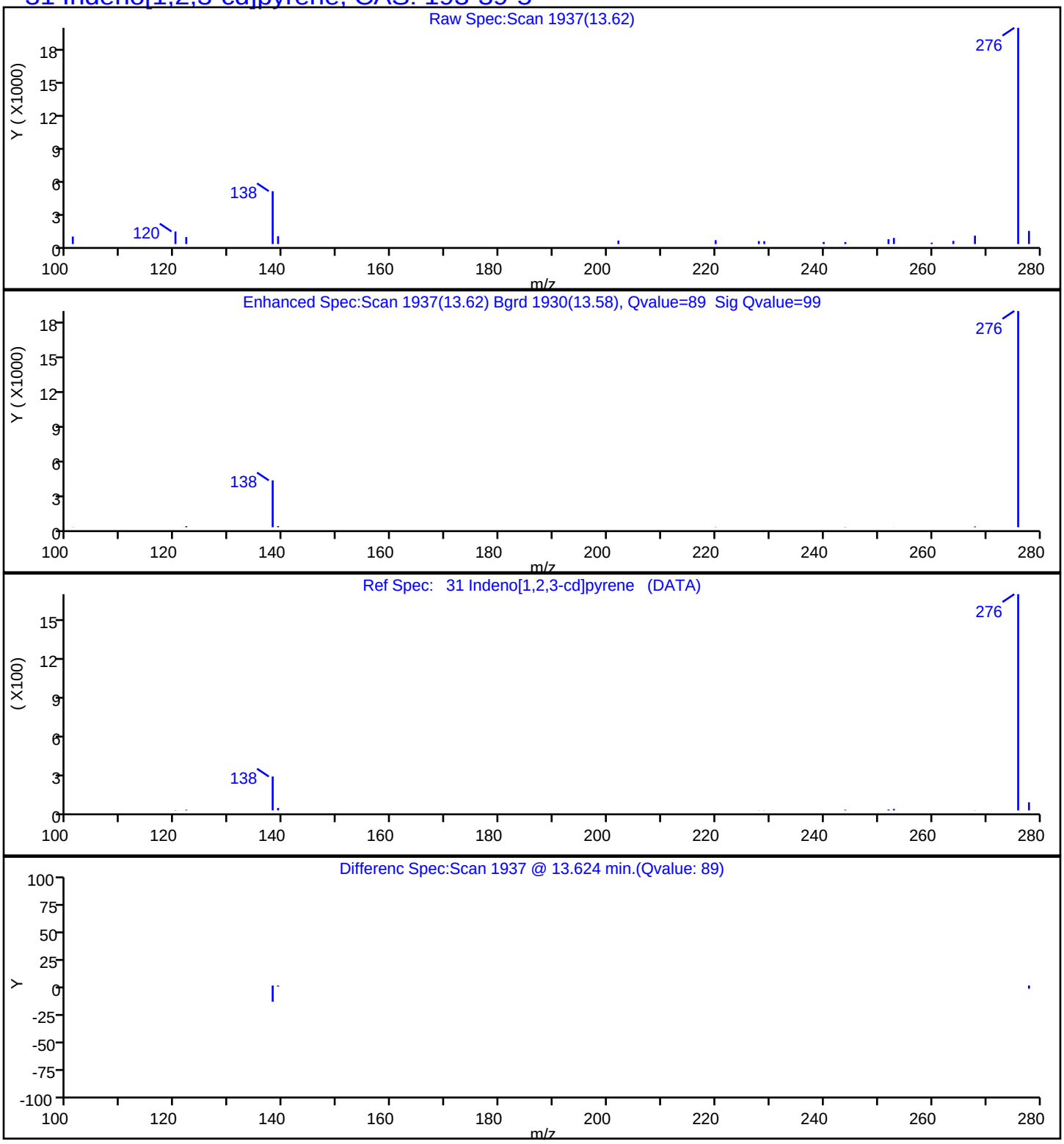
Report Date: 11-Dec-2023 14:17:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D

Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
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

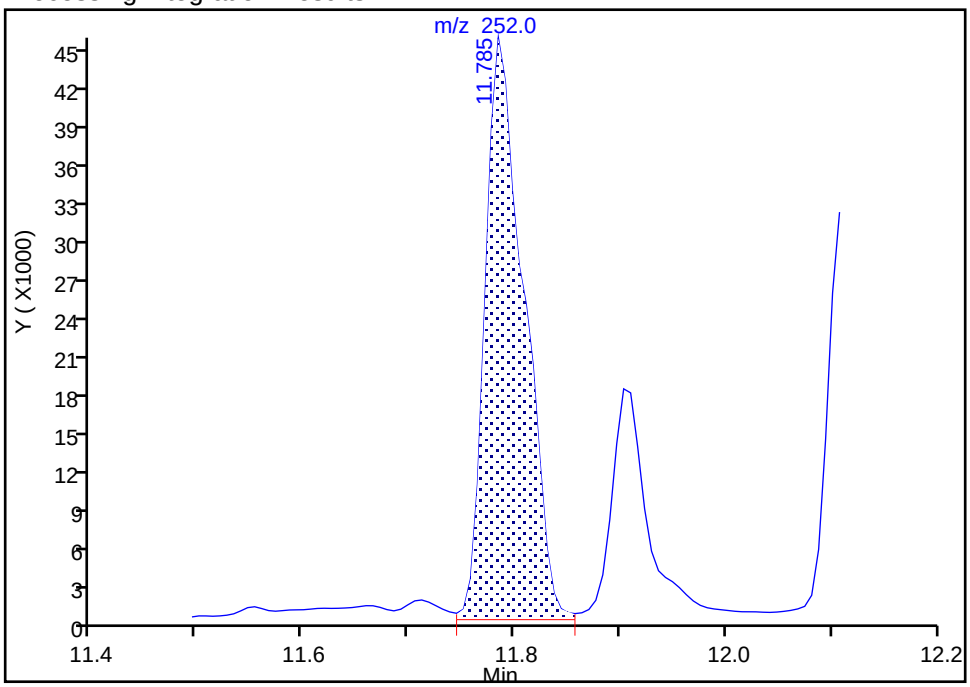
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. 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

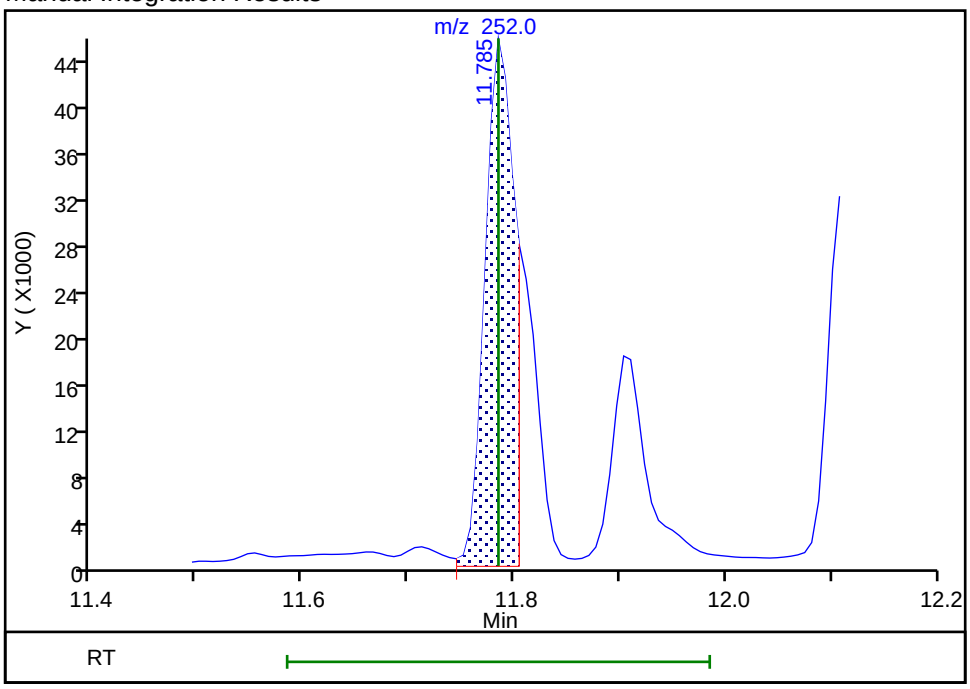
Processing Integration Results

RT: 11.78
Area: 115189
Amount: 0.442742
Amount Units: ug/ml



Manual Integration Results

RT: 11.78
Area: 89009
Amount: 0.342116
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 13:56:37 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

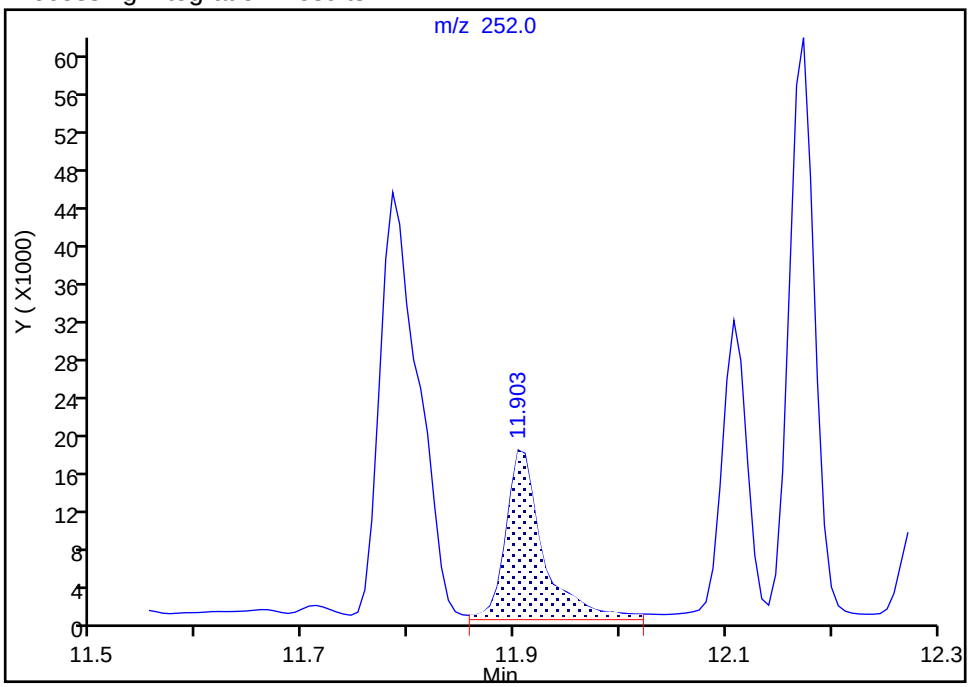
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. 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

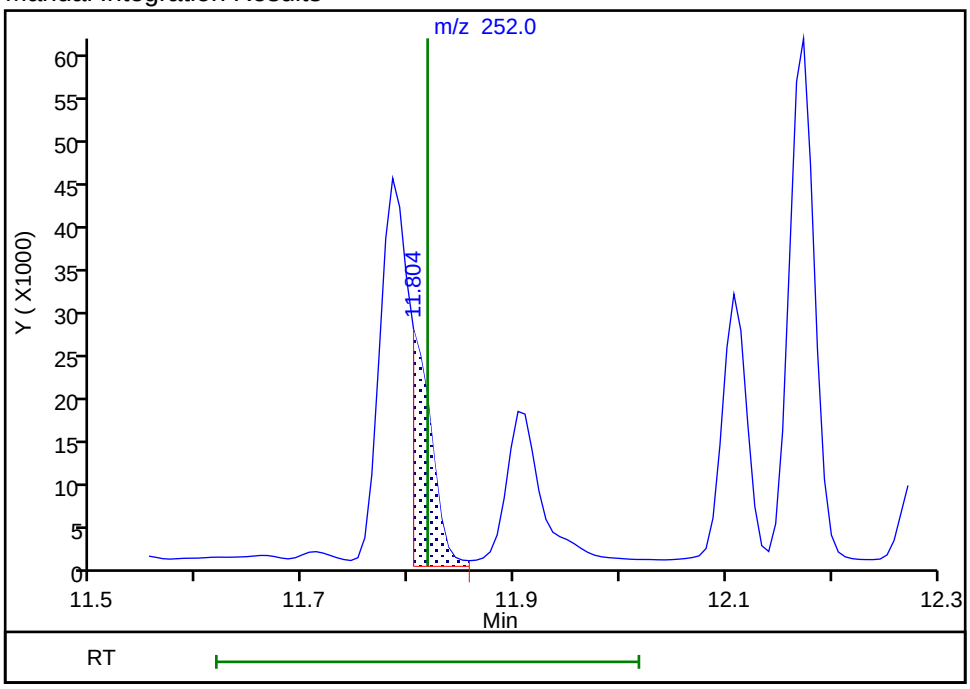
Processing Integration Results

RT: 11.90
Area: 45123
Amount: 0.158374
Amount Units: ug/ml



Manual Integration Results

RT: 11.80
Area: 37101
Amount: 0.130218
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 13:56:51 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

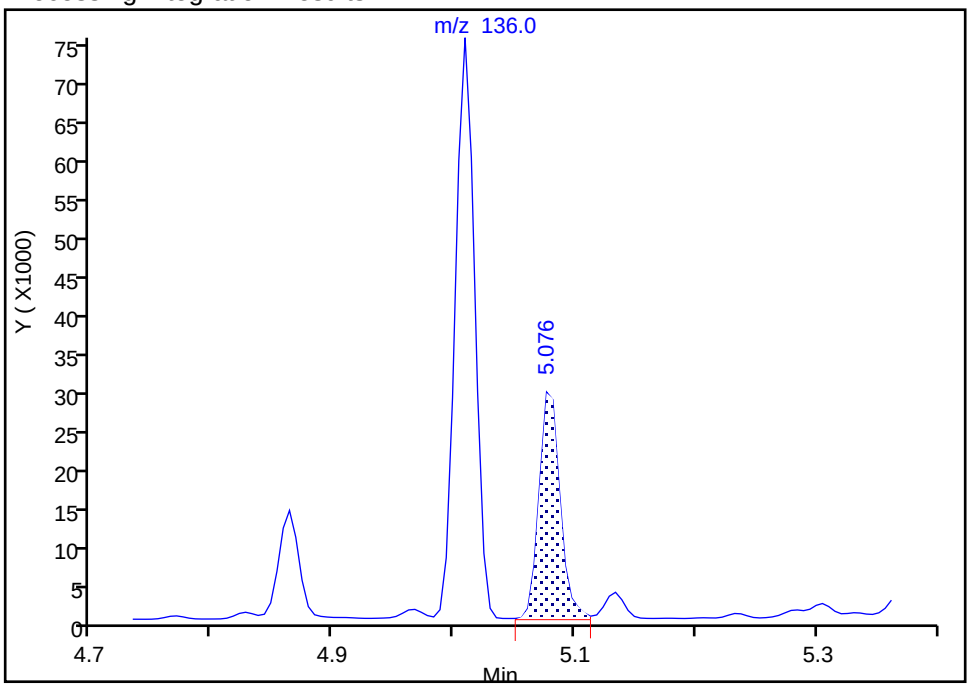
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29276.D				
Injection Date:	11-Dec-2023 13:36:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-7-A	Lab Sample ID:	460-215449-7		
Client ID:	MW-46S_20231205				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 7 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

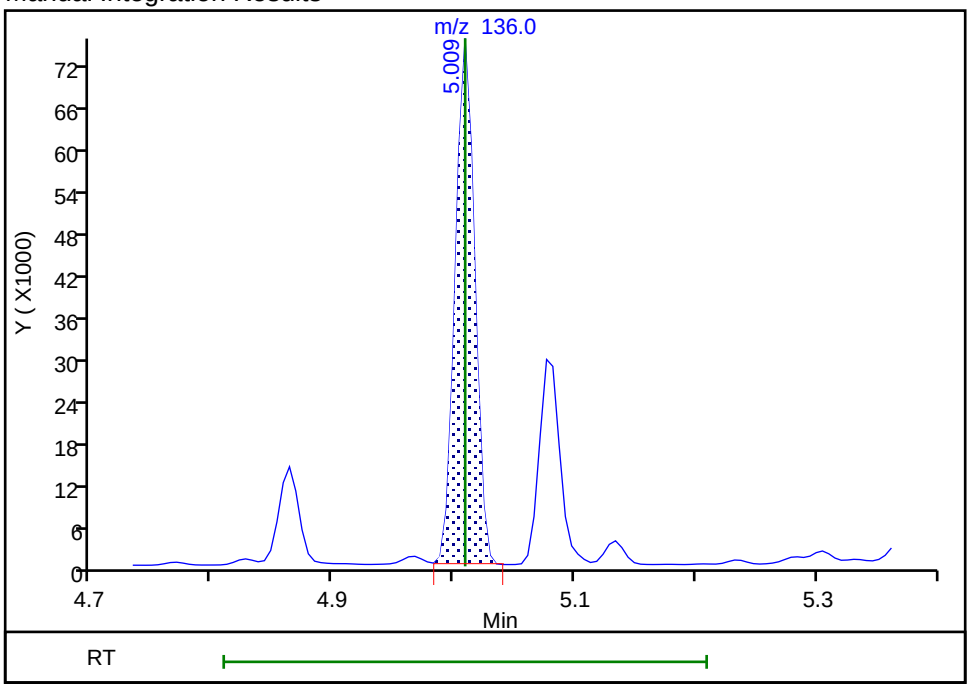
Processing Integration Results

RT: 5.08
Area: 36117
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 5.01
Area: 85009
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 13:56:23 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: MW-48S_20231205 | Lab Sample ID: 480-215449-8

Matrix: Water | Lab File ID: C29277.D

Analysis Method: 8270E SIM | Date Collected: 12/05/2023 10:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 13:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.043	J	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U *+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D
Lims ID: 480-215449-A-8-A
Client ID: MW-48S_20231205
Sample Type: Client
Inject. Date: 11-Dec-2023 13:56:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-013
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 14:17:09 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 14:17:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	98	27690	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	95	83410	0.2000	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	96	38269	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	97	65469	0.2000	
24 Benzo[a]anthracene	228	10.585	10.578	0.000	90	1412	0.005342	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	98	30827	0.2000	
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	27439	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

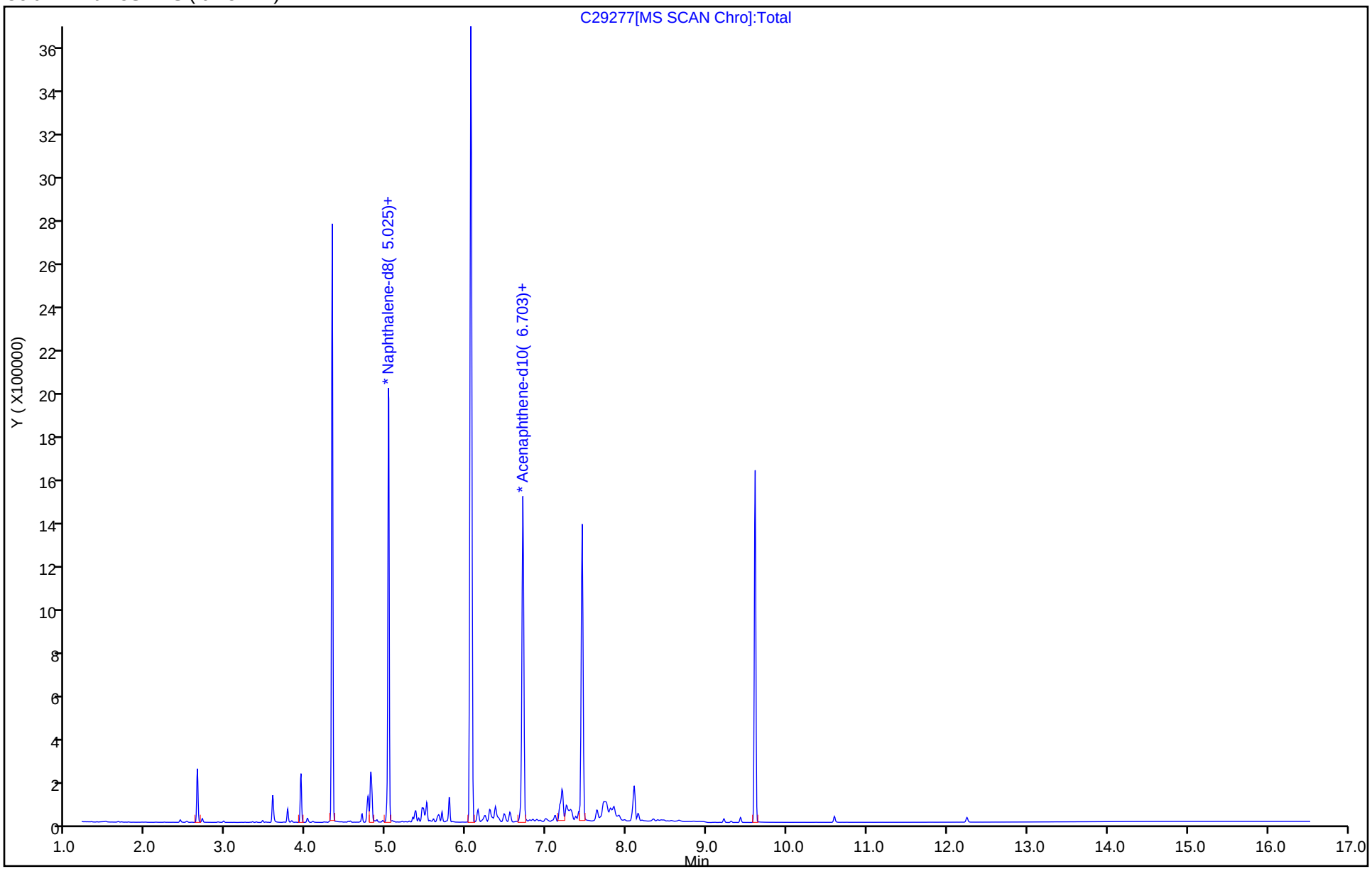
Report Date: 11-Dec-2023 14:17:09 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D

Injection Date:	11-Dec-2023 13:56:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8	Worklist Smp#:	13
Client ID:	MW-48S_20231205				
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\20231211-169974.b\C29277.D				
Lims ID:	480-215449-A-8-A				
Client ID:	MW-48S_20231205				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 13:56:30	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-013				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 14:17:09	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				

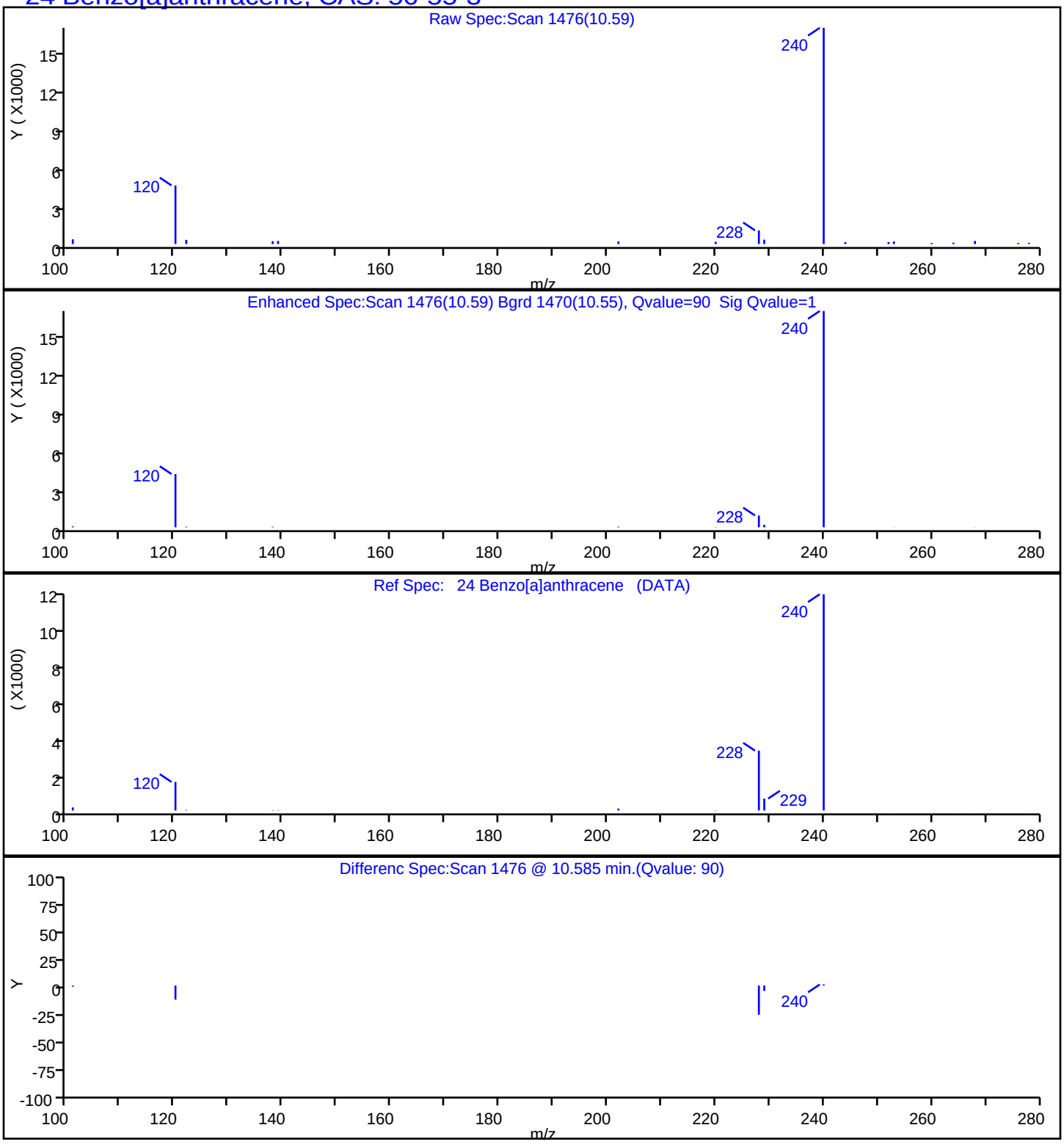
First Level Reviewer: G4KC Date: 11-Dec-2023 14:17:09

Compound	Amount Added	Amount Recovered	% Rec.

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D
Injection Date: 11-Dec-2023 13:56:30 Instrument ID: CBNAMS13
Lims ID: 480-215449-A-8-A Lab Sample ID: 460-215449-8
Client ID: MW-48S_20231205
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 Benzo[a]anthracene, CAS: 56-55-3



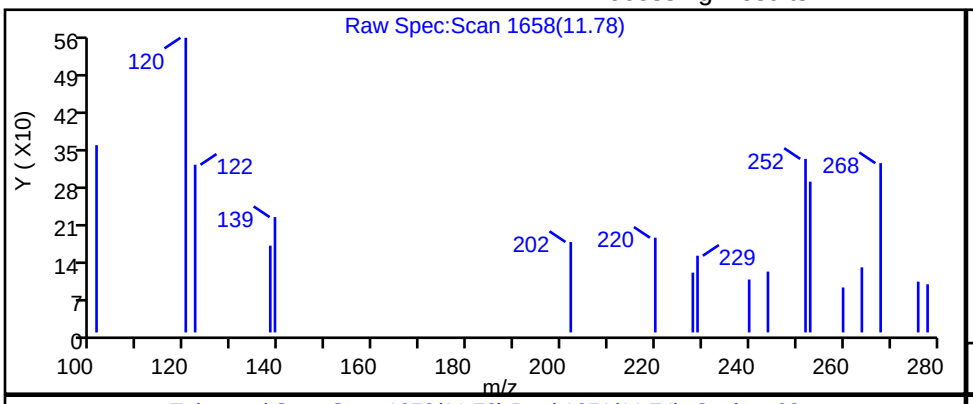
User Disabled Compound Report

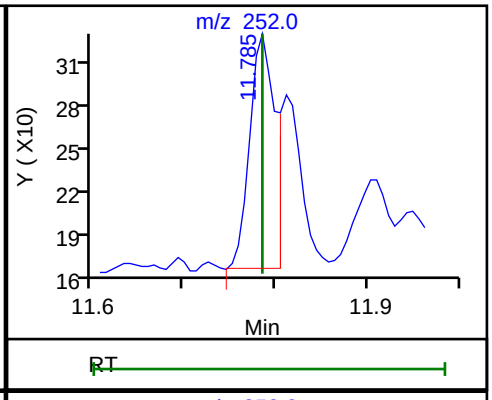
Eurofins Edison

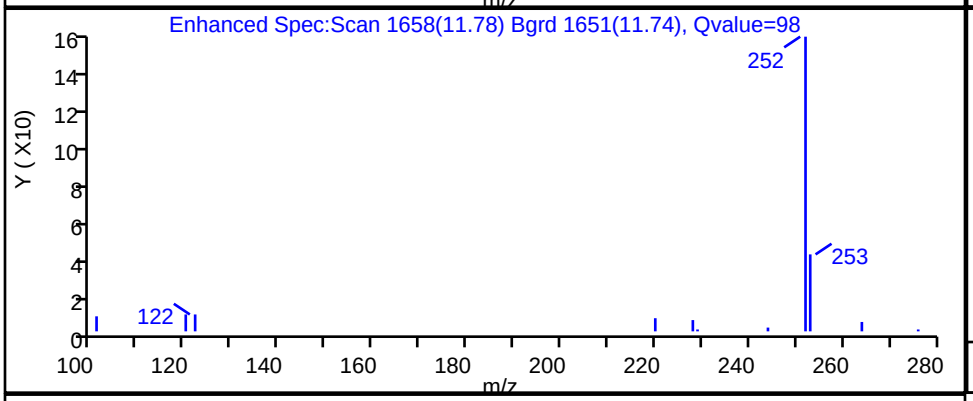
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D				
Injection Date:	11-Dec-2023 13:56:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

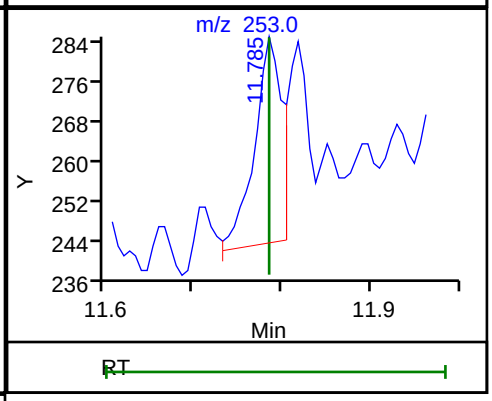
27 Benzo[b]fluoranthene, CAS: 205-99-2

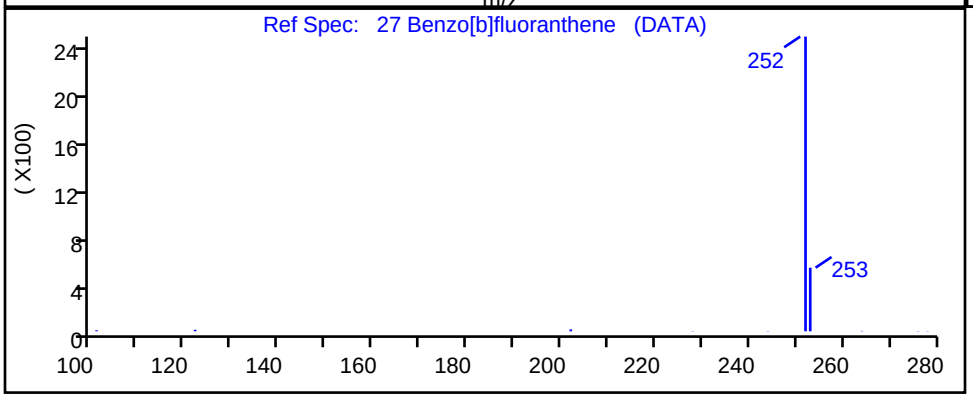
Processing Results











RT	Mass	Response	Amount
11.78	252.00	318	0.001233
11.78	253.00	95	

Reviewer: G4KC, 11-Dec-2023 14:17:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

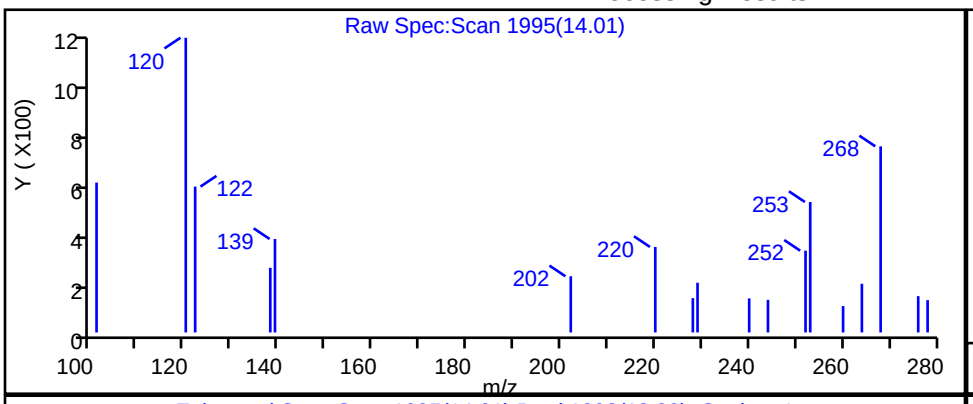
User Disabled Compound Report

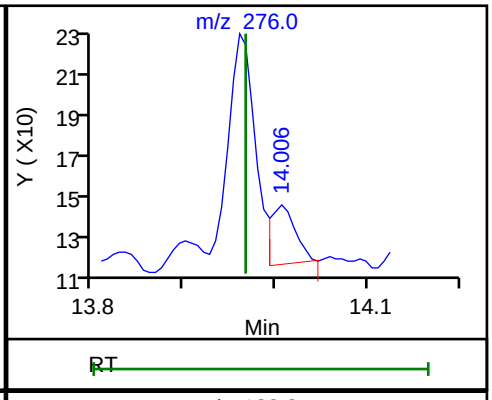
Eurofins Edison

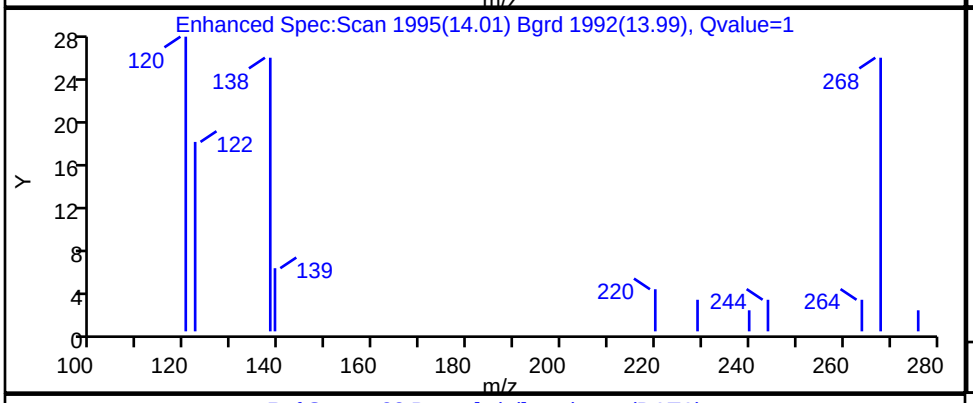
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D				
Injection Date:	11-Dec-2023 13:56:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

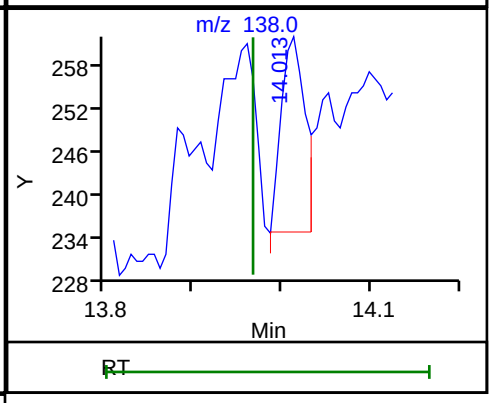
33 Benzo[g,h,i]perylene, CAS: 191-24-2

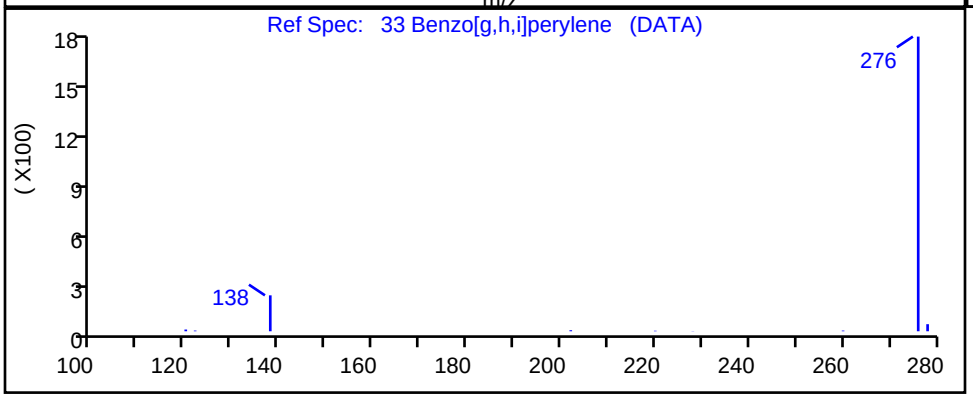
Processing Results











RT	Mass	Response	Amount
14.01	276.00	50	0.000195
14.01	138.00	54	

Reviewer: G4KC, 11-Dec-2023 14:17:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

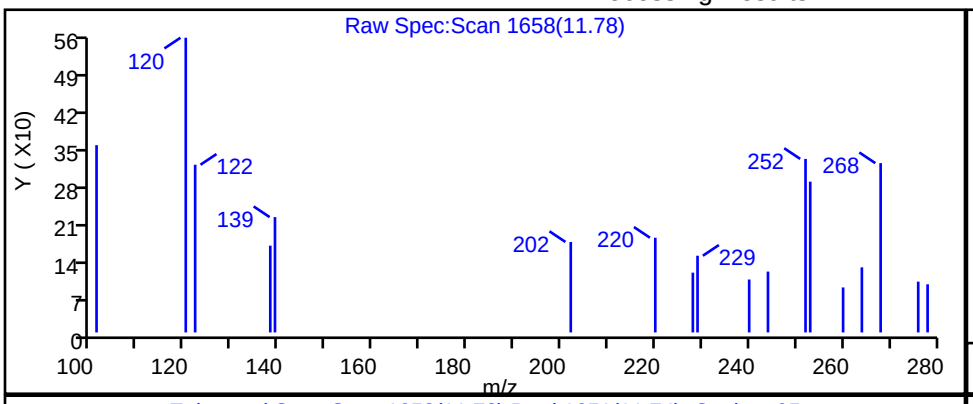
User Disabled Compound Report

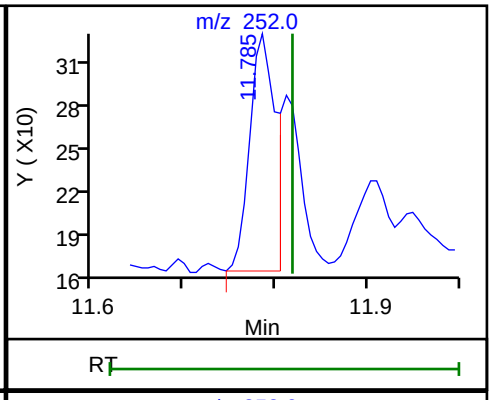
Eurofins Edison

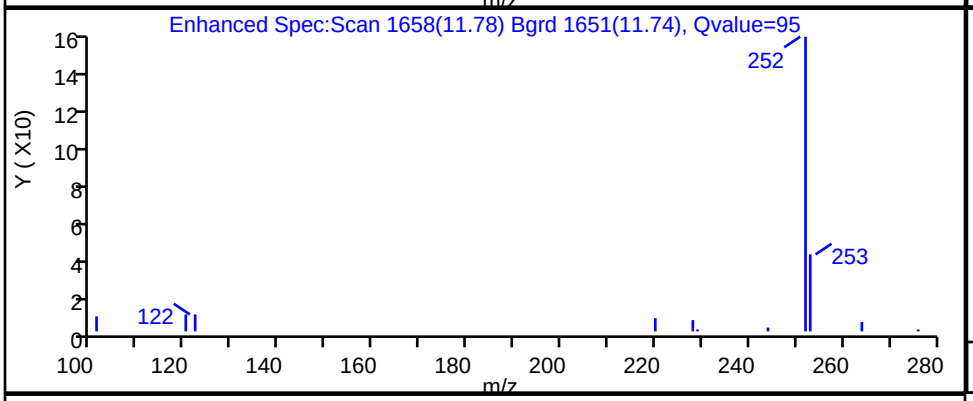
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D				
Injection Date:	11-Dec-2023 13:56:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

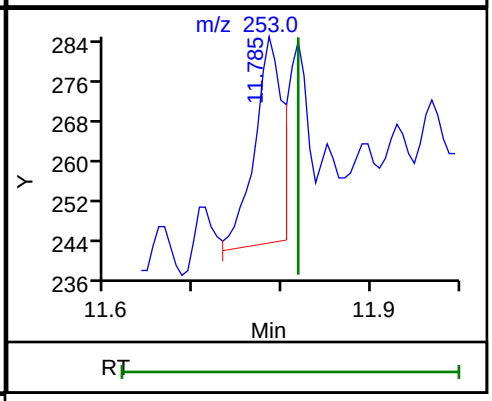
28 Benzo[k]fluoranthene, CAS: 207-08-9

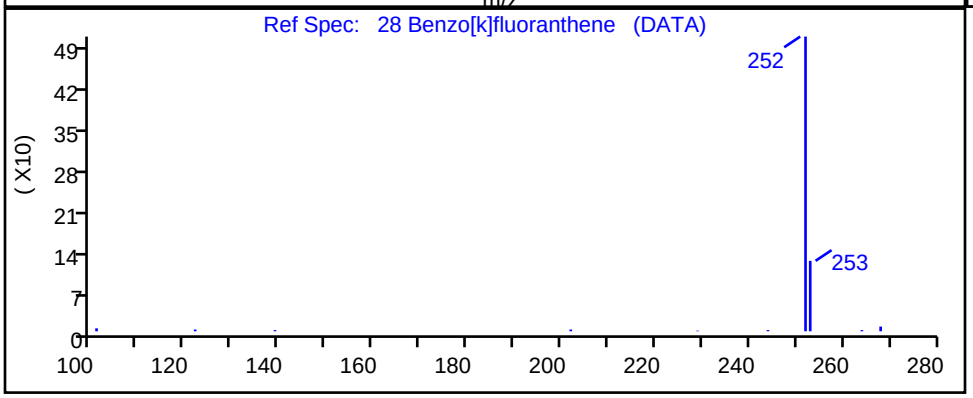
Processing Results











RT	Mass	Response	Amount
11.78	252.00	318	0.001126
11.78	253.00	95	

Reviewer: G4KC, 11-Dec-2023 14:17:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

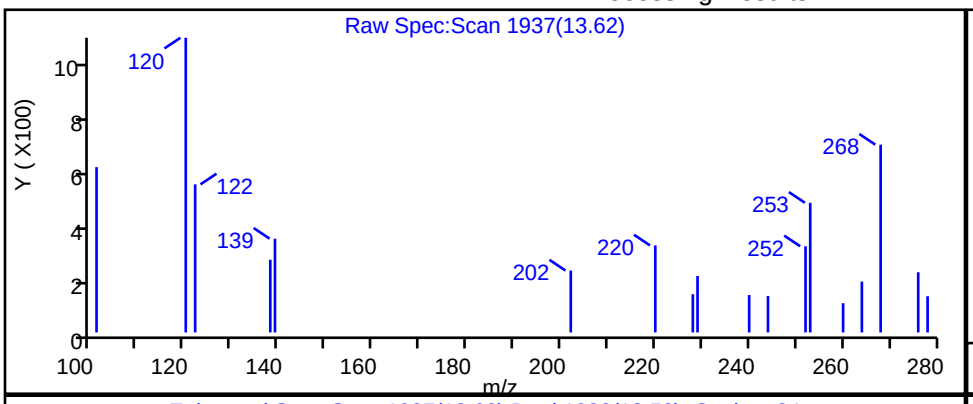
User Disabled Compound Report

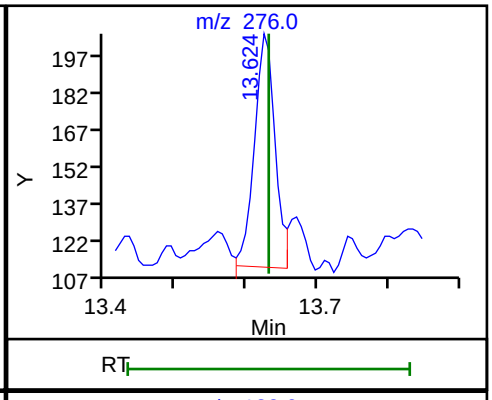
Eurofins Edison

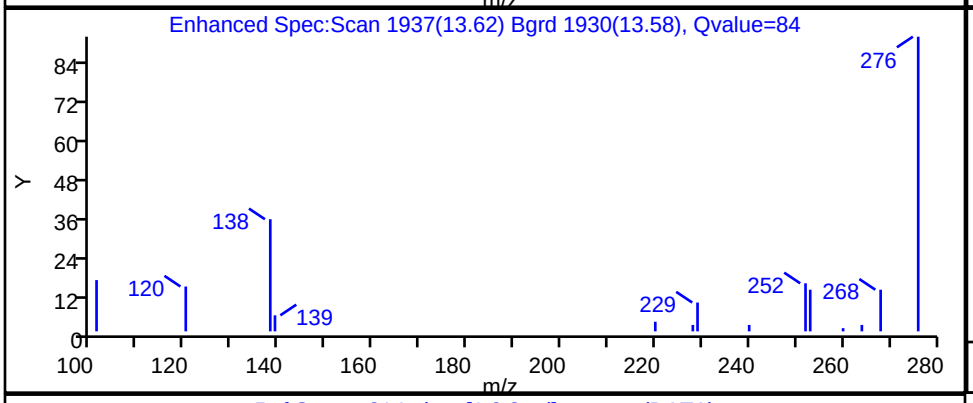
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29277.D				
Injection Date:	11-Dec-2023 13:56:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-8-A	Lab Sample ID:	460-215449-8		
Client ID:	MW-48S_20231205				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

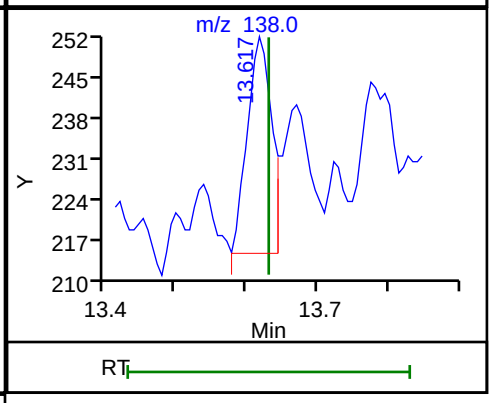
31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

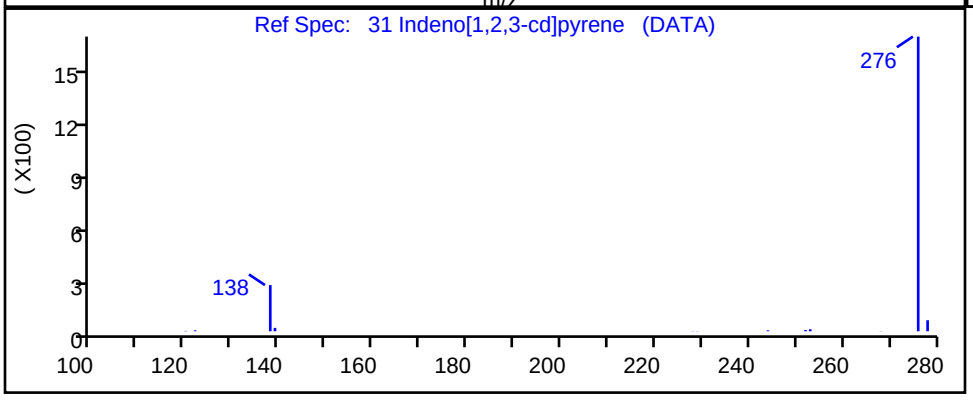
Processing Results











RT	Mass	Response	Amount
13.62	276.00	197	0.000860
13.62	138.00	92	

Reviewer: G4KC, 11-Dec-2023 14:17:02 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: DUP-1_202312 | Lab Sample ID: 480-215449-9

Matrix: Water | Lab File ID: C29278.D

Analysis Method: 8270E SIM | Date Collected: 12/05/2023 00:00

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/11/2023 14:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949181 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	4.5		0.050	0.016
50-32-8	Benzo[a]pyrene	5.0	*+	0.050	0.022
205-99-2	Benzo[b]fluoranthene	3.1		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.6		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.1		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	0.59		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	1.6		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D
Lims ID: 480-215449-A-9-A
Client ID: DUP-1_202312
Sample Type: Client
Inject. Date: 11-Dec-2023 14:17:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-014
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 14:46:48 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 14:46:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	99	28679	0.2000	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	45	88678	0.2000	a
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	72	45557	0.2000	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	37	69450	0.2000	
24 Benzo[a]anthracene	228	10.578	10.578	-0.007	10	152576	0.5682	
* 25 Chrysene-d12	240	10.592	10.598	-0.006	32	31317	0.2000	
27 Benzo[b]fluoranthene	252	11.785	11.785	0.000	100	101921	0.3829	M
28 Benzo[k]fluoranthene	252	11.804	11.804	-0.014	1	41539	0.1425	M
29 Benzo[a]pyrene	252	12.174	12.174	0.000	100	118703	0.6215	a
* 30 Perylene-d12	264	12.246	12.253	-0.007	99	28317	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.624	13.623	-0.006	89	47964	0.2029	
32 Dibenz(a,h)anthracene	278	13.670	13.669	-0.006	88	17321	0.0742	
33 Benzo[g,h,i]perylene	276	13.960	13.959	-0.006	98	52072	0.1963	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

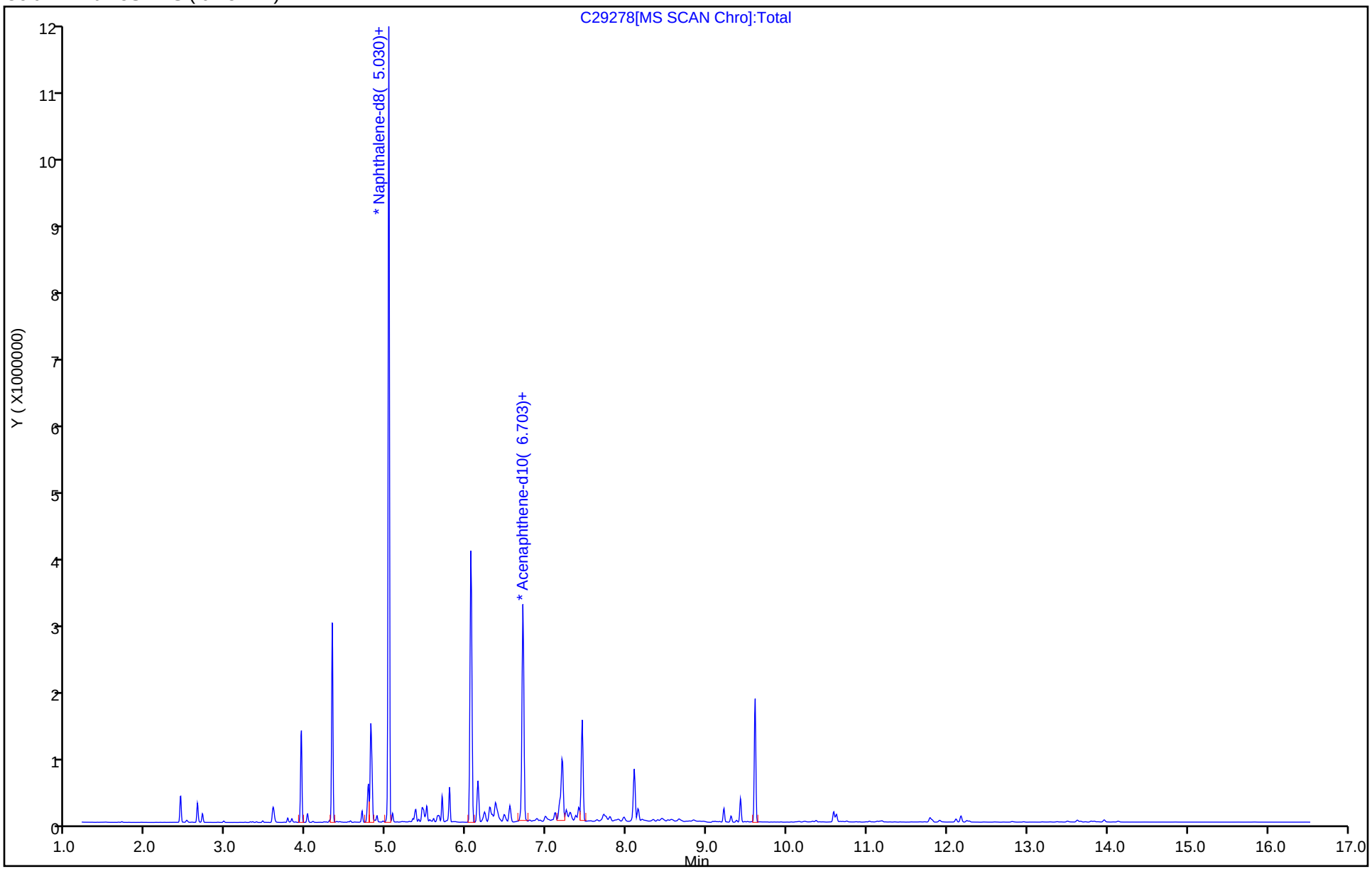
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9	Worklist Smp#:	14
Client ID:	DUP-1_202312				
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\20231211-169974.b\C29278.D				
Lims ID:	480-215449-A-9-A				
Client ID:	DUP-1_202312				
Sample Type:	Client				
Inject. Date:	11-Dec-2023 14:17:30	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0169974-014				
Operator ID:		Instrument ID:	CBNAMS13		
Method:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	11-Dec-2023 14:46:48	Calib Date:	07-Dec-2023 19:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1676				

First Level Reviewer: G4KC Date: 11-Dec-2023 14:46:48

Compound	Amount Added	Amount Recovered	% Rec.

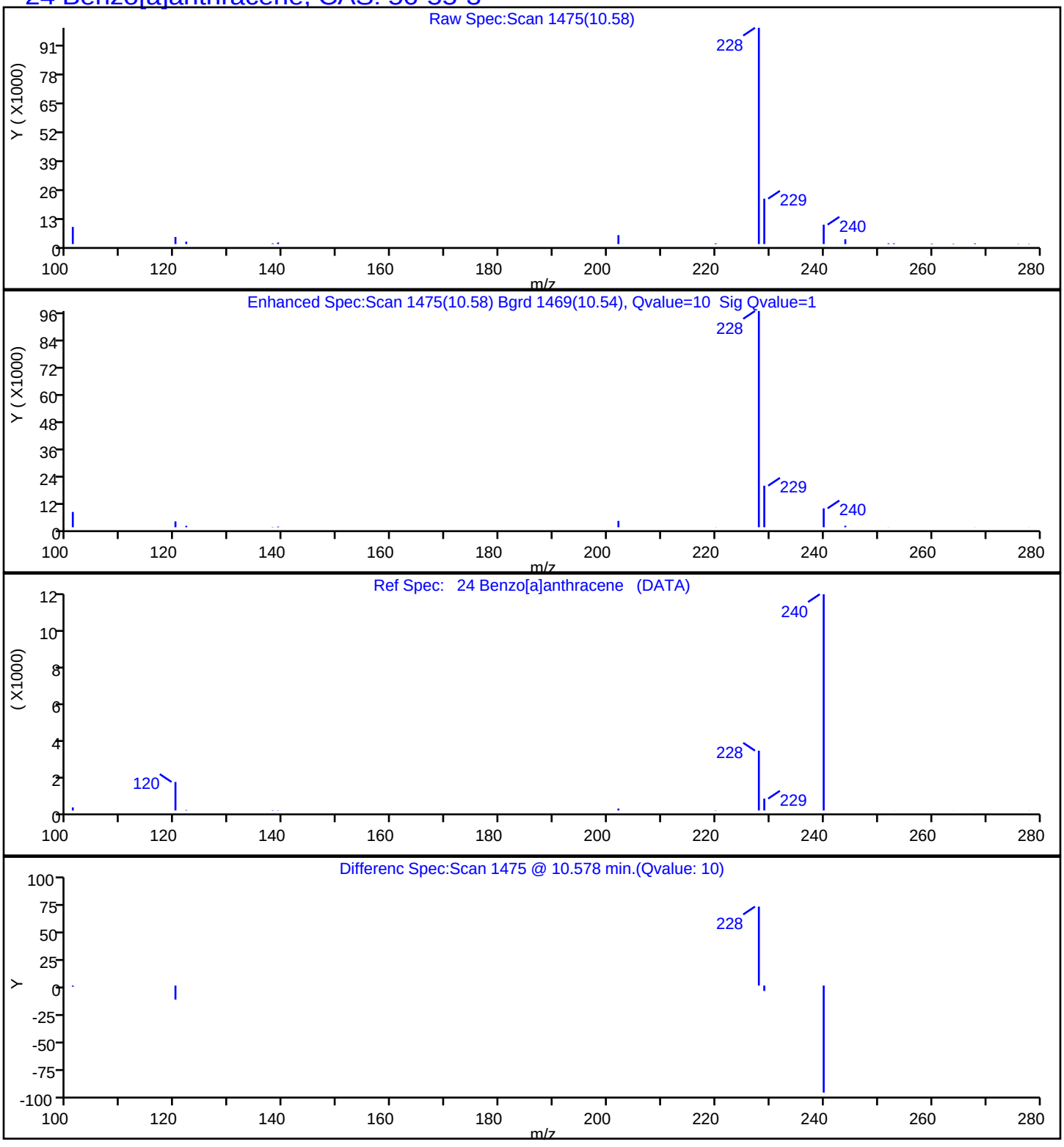
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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



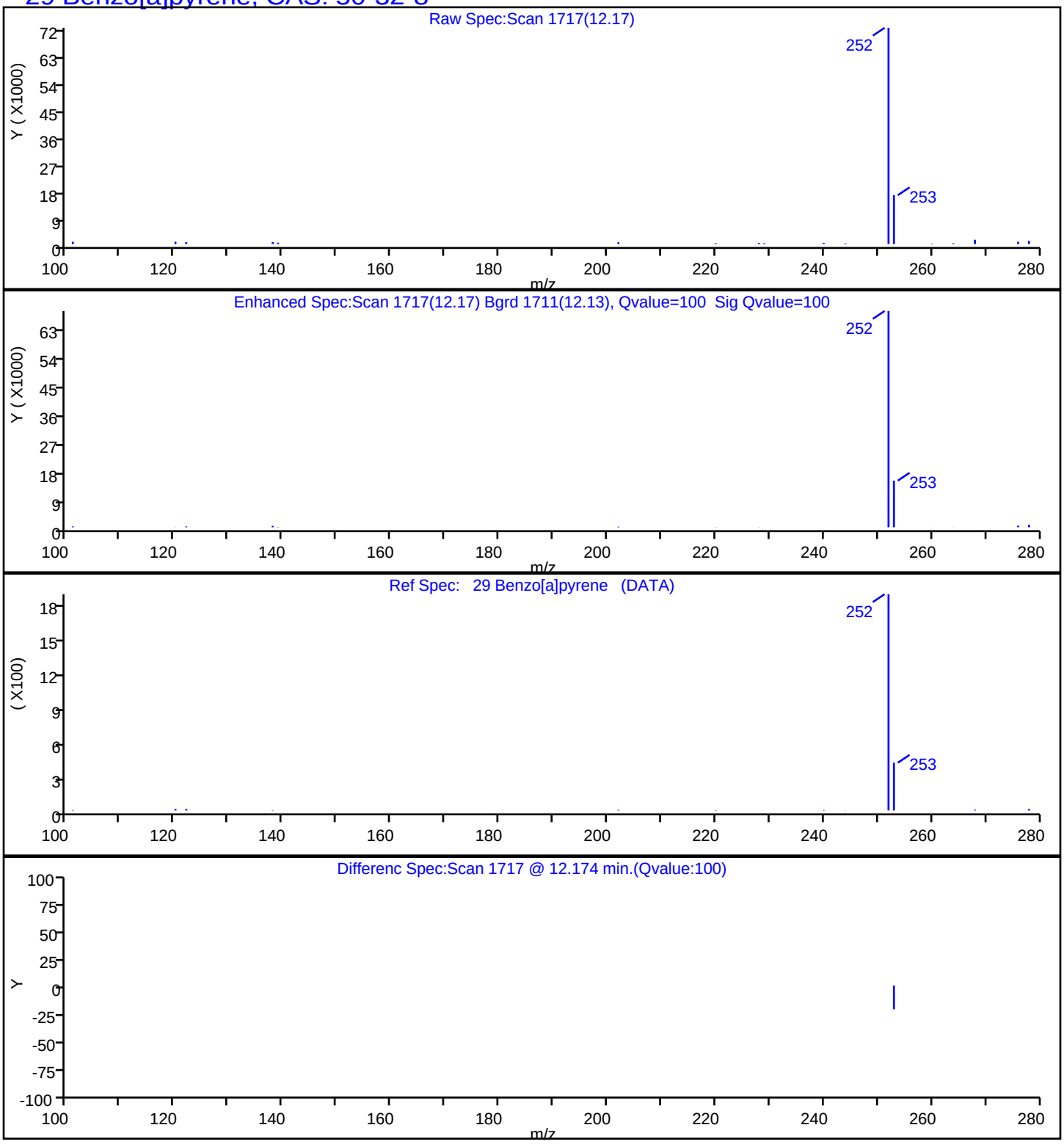
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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		

29 Benzo[a]pyrene, CAS: 50-32-8



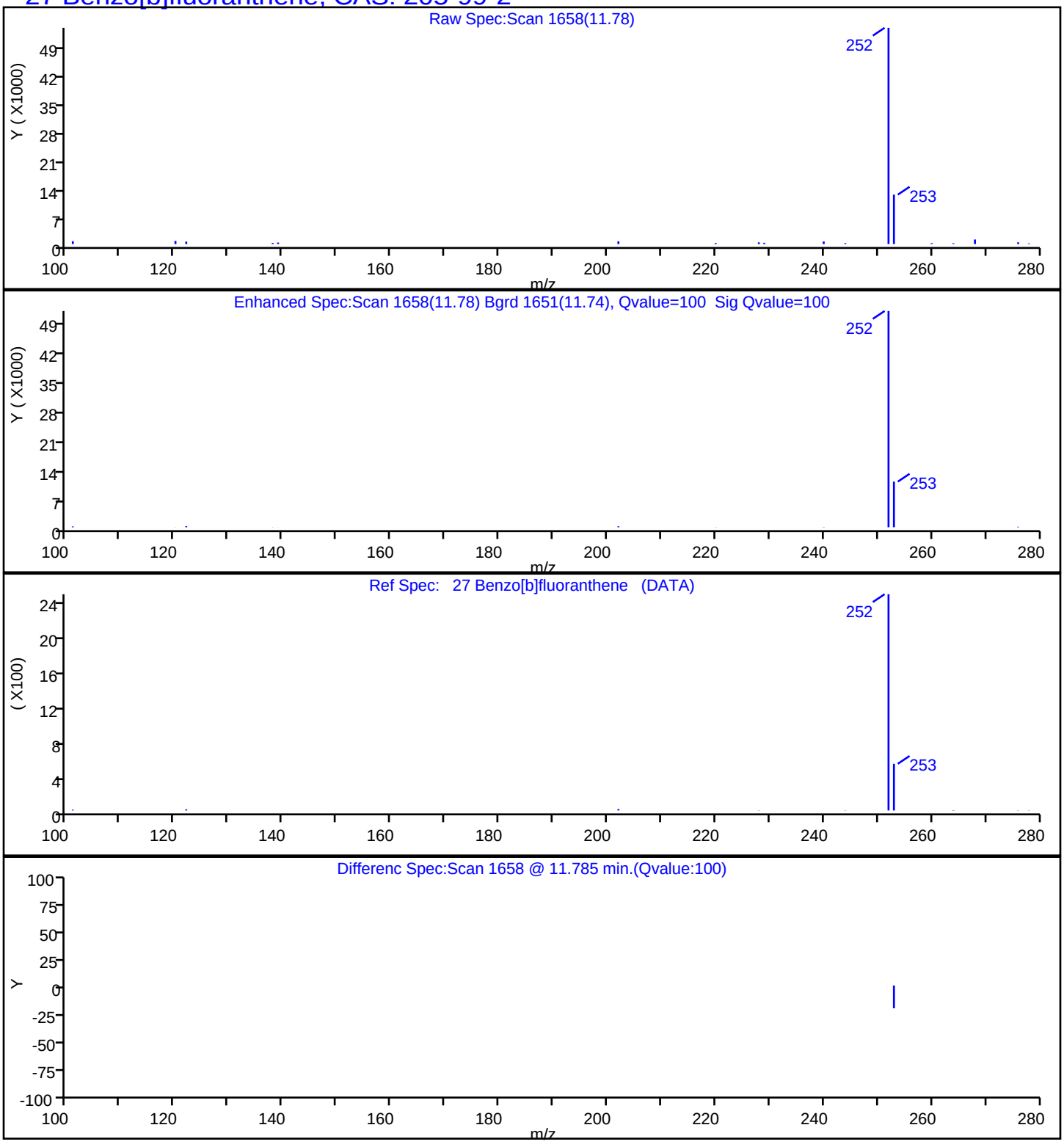
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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



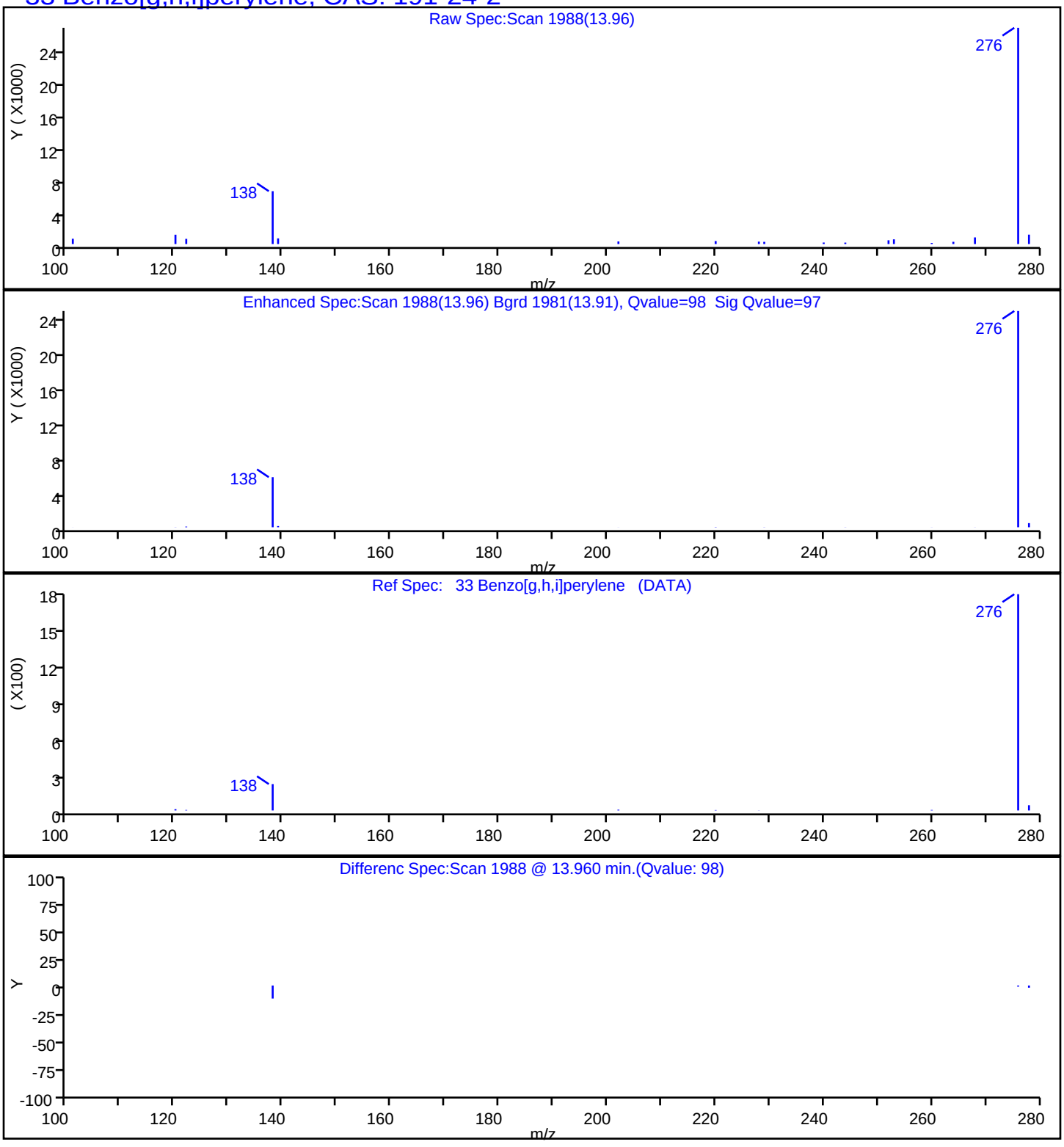
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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		

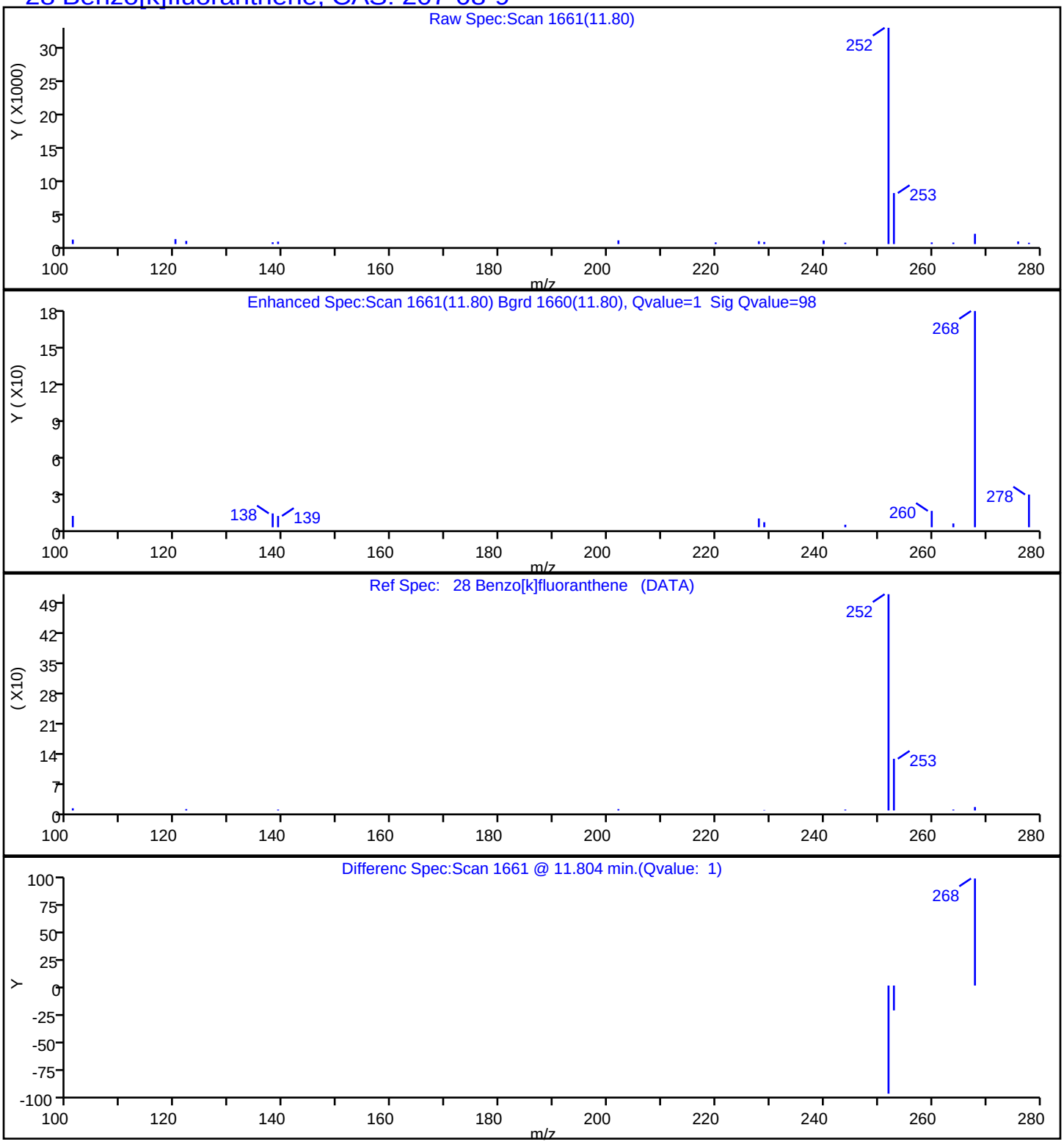
33 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D				
Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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



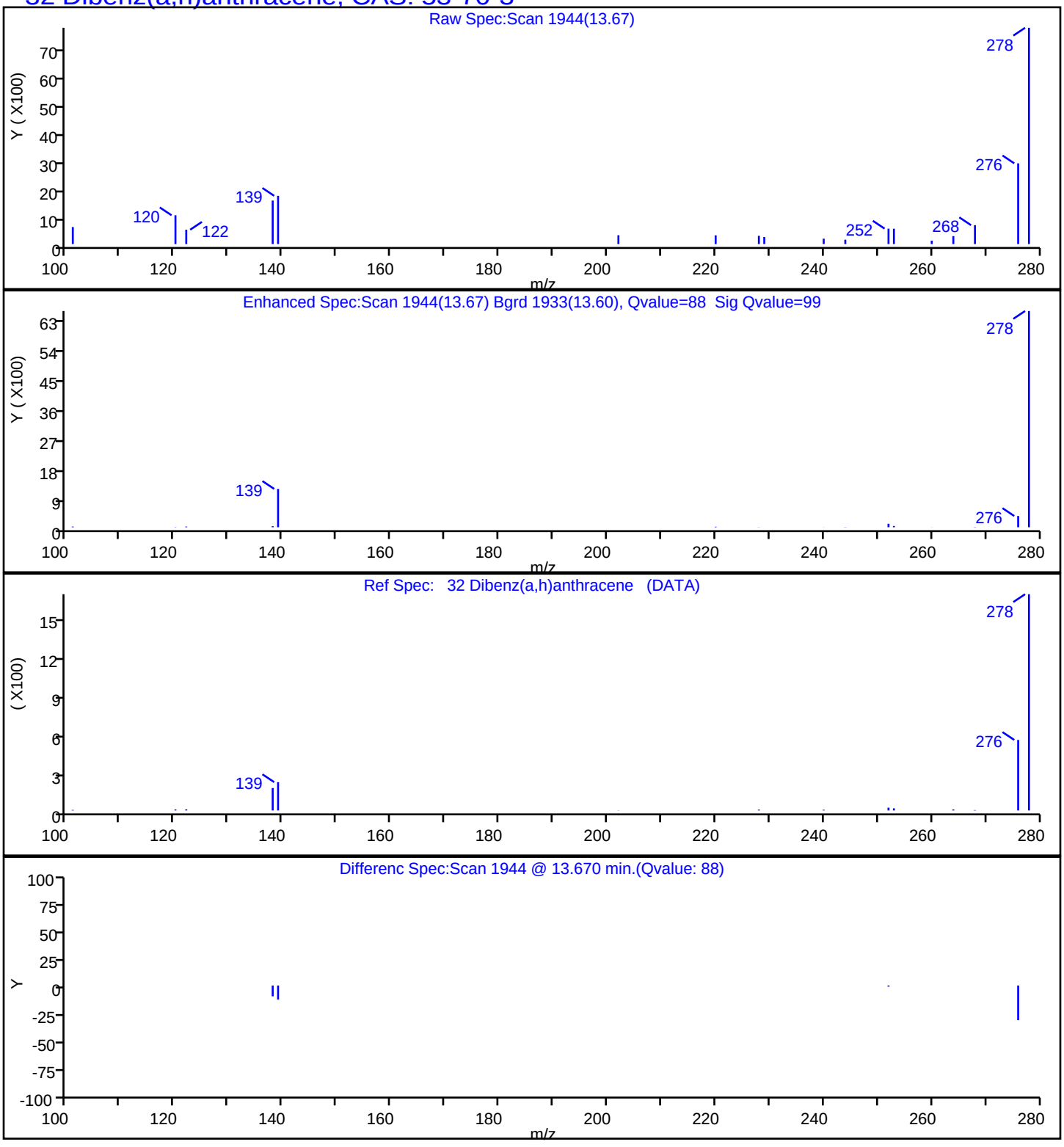
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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



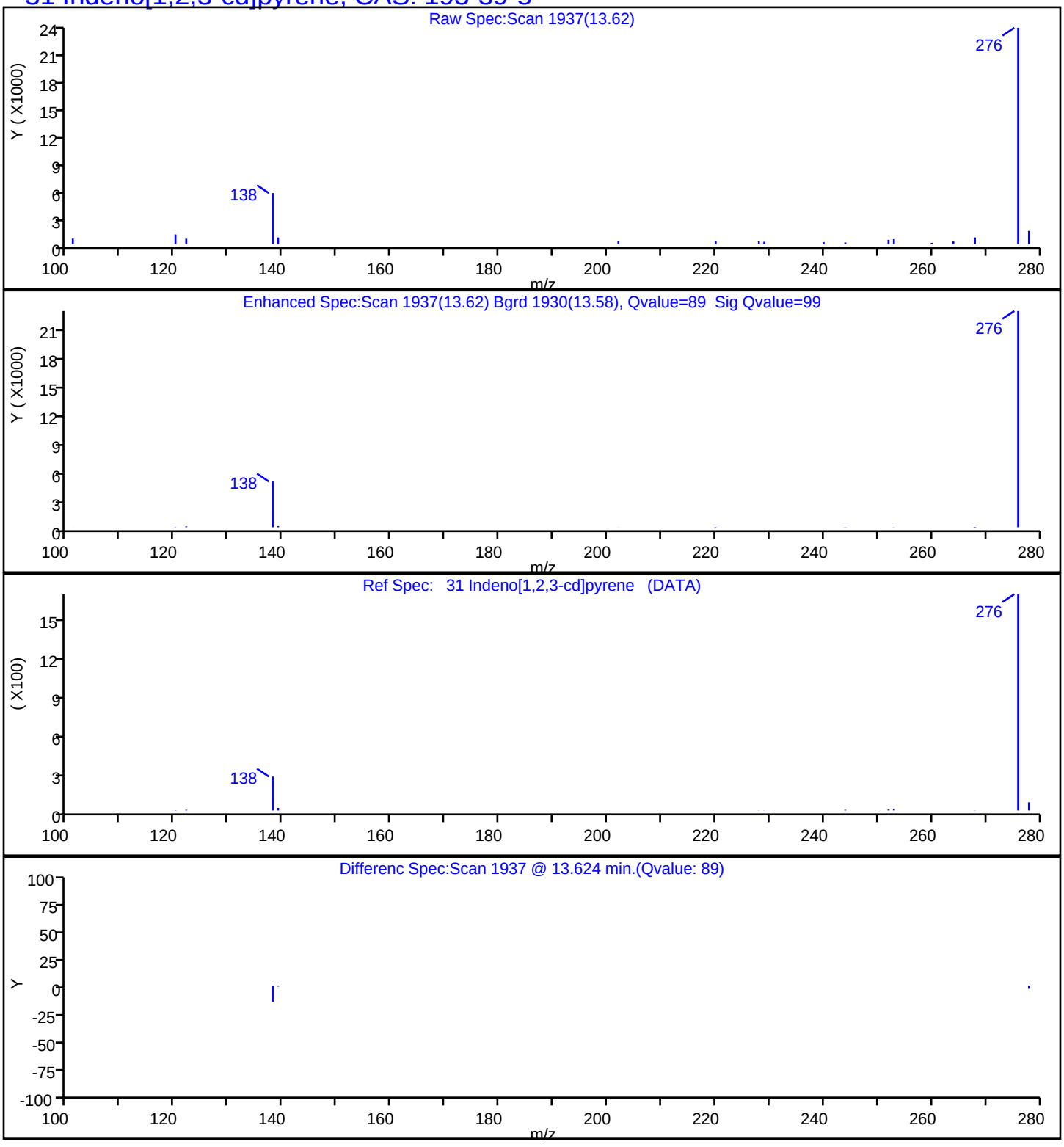
Report Date: 11-Dec-2023 14:46:48 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D

Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
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



Manual Integration/User Assign Peak Report

Eurofins Edison

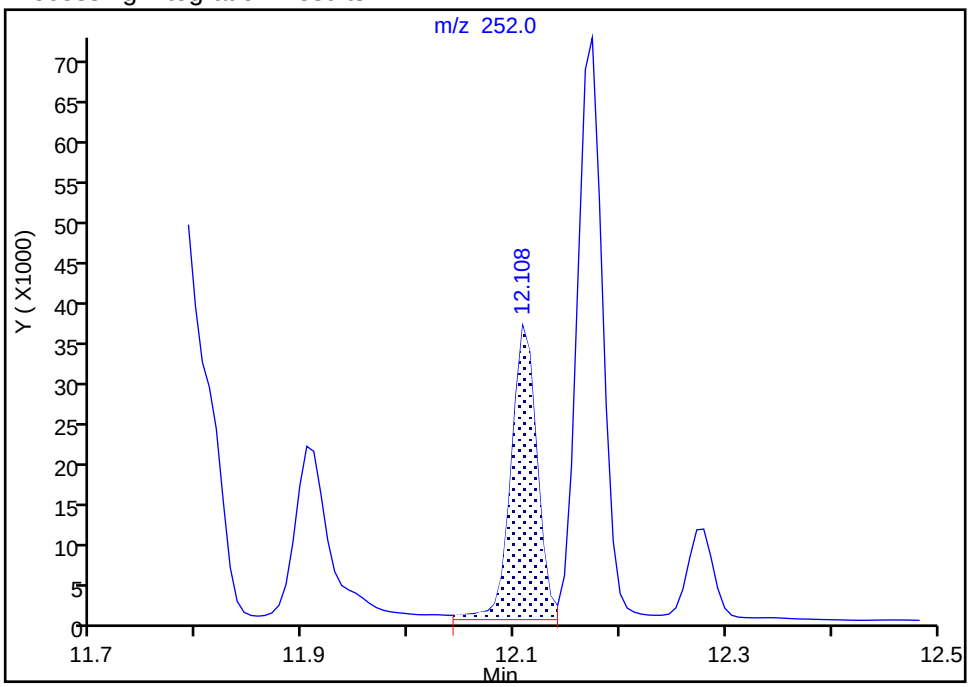
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D				
Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

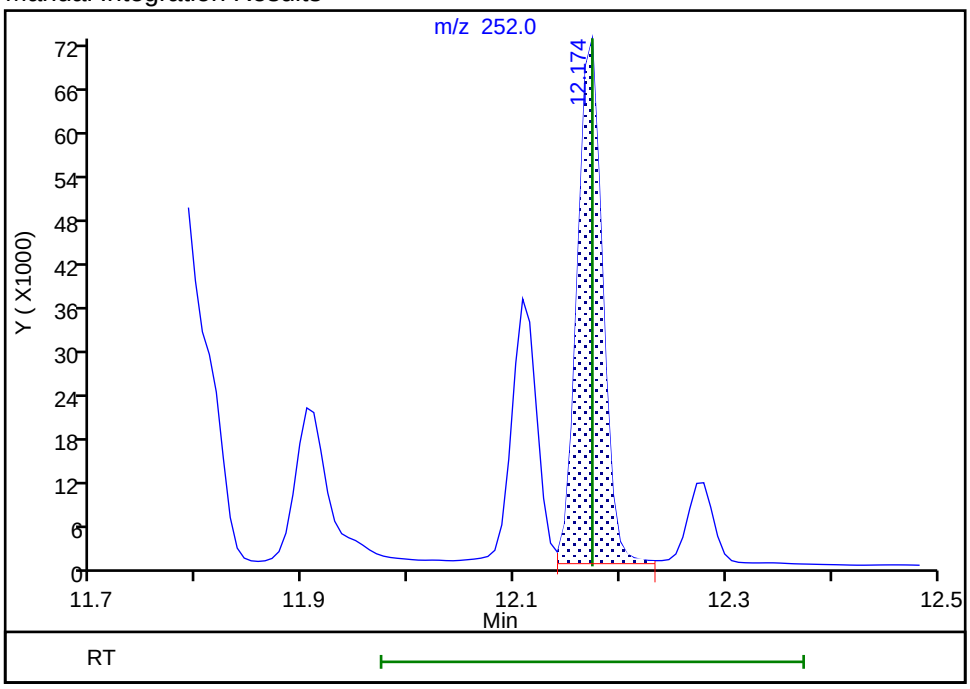
Processing Integration Results

RT: 12.11
Area: 61036
Amount: 0.319582
Amount Units: ug/ml



Manual Integration Results

RT: 12.17
Area: 118703
Amount: 0.621524
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 14:46:41 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

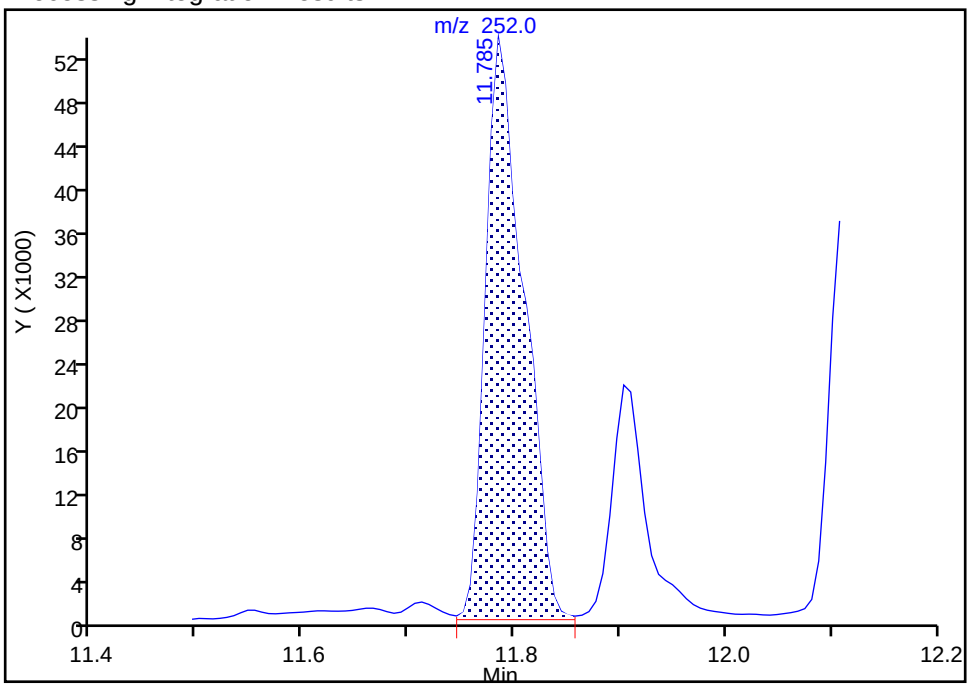
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D				
Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	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

Signal: 1

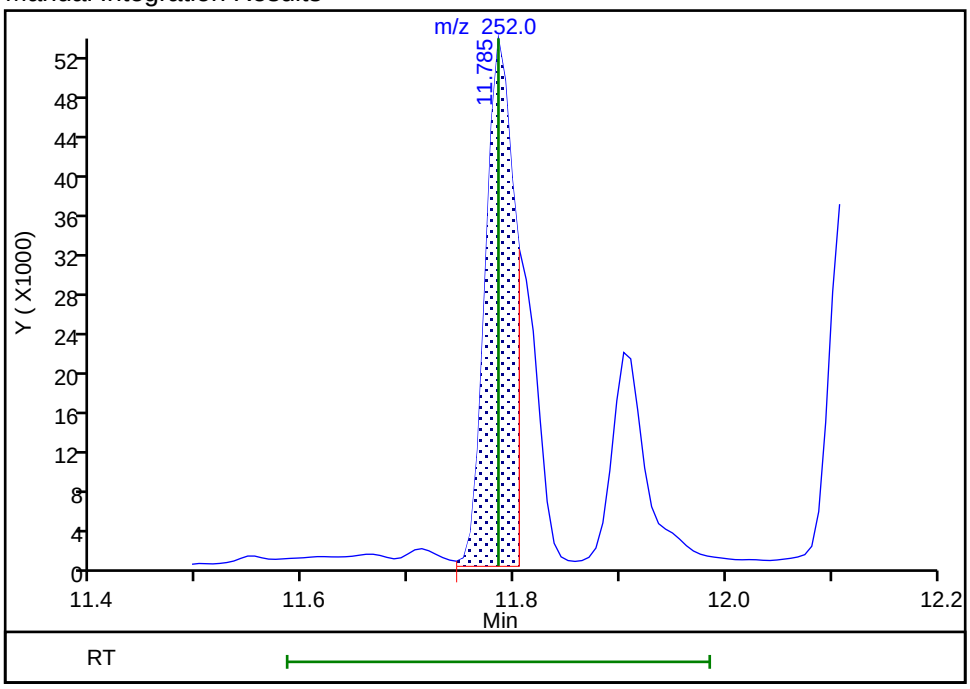
Processing Integration Results

RT: 11.78
Area: 132075
Amount: 0.496136
Amount Units: ug/ml



Manual Integration Results

RT: 11.78
Area: 101921
Amount: 0.382863
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 14:46:20 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

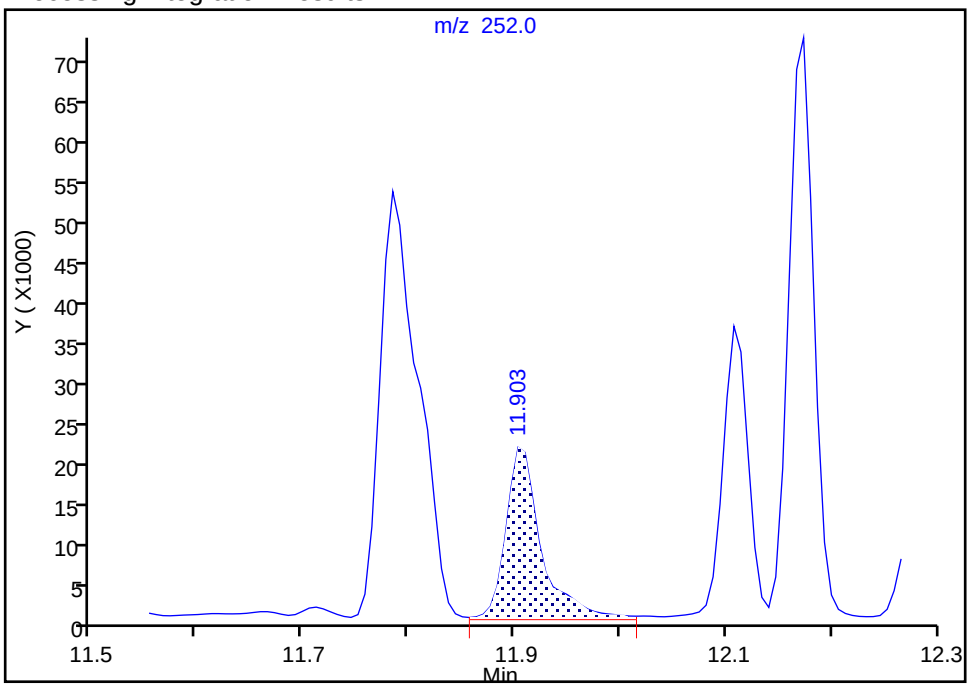
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D				
Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	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

Signal: 1

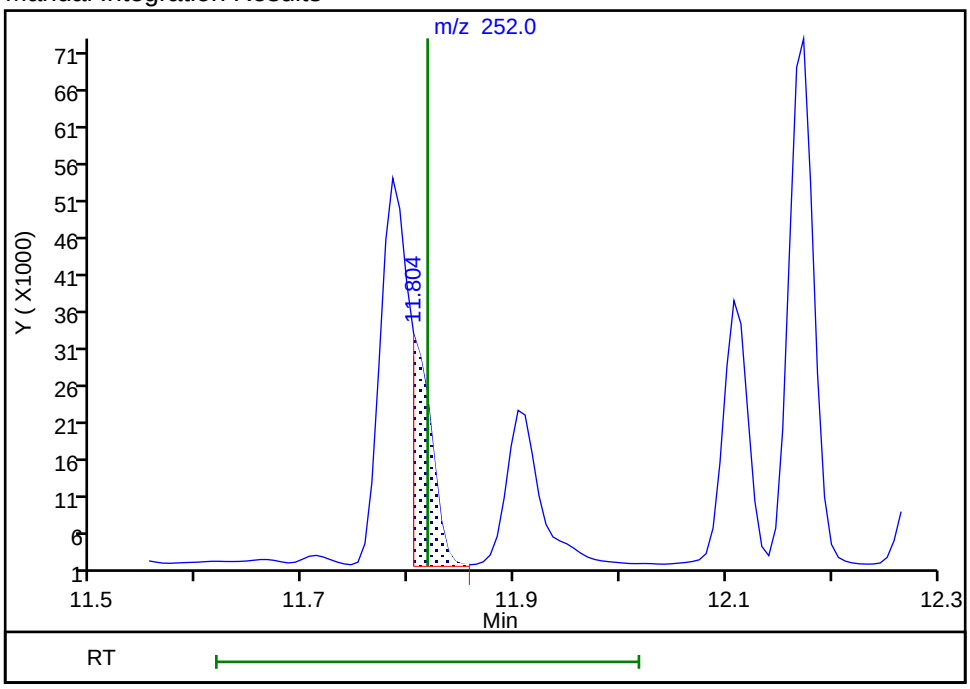
Processing Integration Results

RT: 11.90
Area: 50219
Amount: 0.172264
Amount Units: ug/ml



Manual Integration Results

RT: 11.80
Area: 41539
Amount: 0.142489
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 14:46:36 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

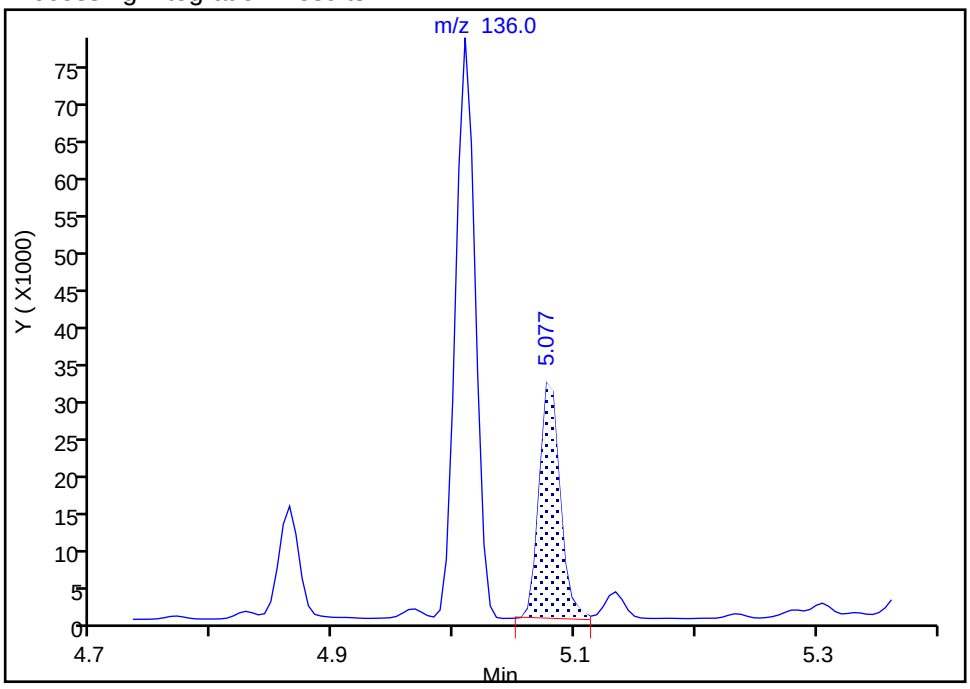
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29278.D				
Injection Date:	11-Dec-2023 14:17:30	Instrument ID:	CBNAMS13		
Lims ID:	480-215449-A-9-A	Lab Sample ID:	460-215449-9		
Client ID:	DUP-1_202312				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 7 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

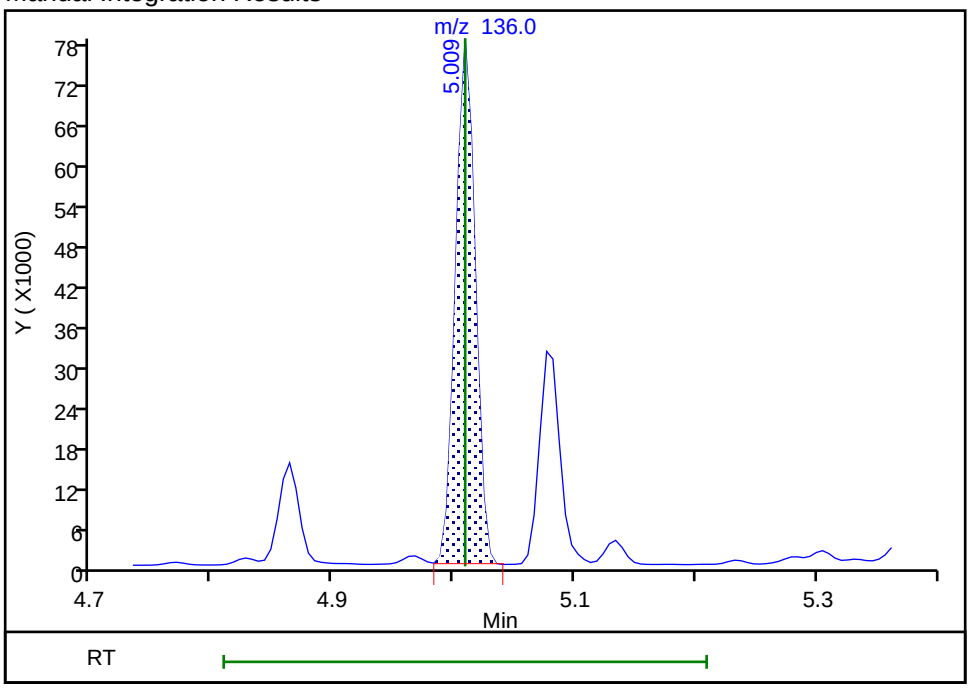
Processing Integration Results

RT: 5.08
Area: 38510
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 5.01
Area: 88678
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 11-Dec-2023 14:46:04 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 948564

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2023 14:51 Calibration End Date: 12/07/2023 19:14 Calibration ID: 95368

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-948564/8	C29180.D
Level 2	STD2 460-948564/7	C29178.D
Level 3	STD3 460-948564/6	C29176.D
Level 4	STD4 460-948564/5	C29174.D
Level 5	ICIS 460-948564/2	C29168.D
Level 6	STD6 460-948564/4	C29172.D
Level 7	STD7 460-948564/3	C29170.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5910 0.4748	0.4691 0.4518	0.4579	0.4717	0.4391	Ave		0.4793			0.0100	10.6		20.0			
N-Nitrosodimethylamine	0.4732 0.6267	0.4946 0.6472	0.5588	0.5614	0.5562	Ave		0.5597			0.0100	11.3		20.0			
Bis(2-chloroethyl)ether	0.8837 1.1708	1.0107 1.1935	1.0105	1.1179	1.1302	Ave		1.0739			0.7000	10.3		20.0			
Naphthalene	1.1427 1.1350	1.0924 1.1249	1.0580	1.1031	1.0935	Ave		1.1071			0.7000	2.7		20.0			
Acenaphthylene	2.2071 2.4063	2.1002 2.4264	2.0250	2.1859	2.1854	Ave		2.2195			0.9000	6.7		20.0			
Acenaphthene	1.4992 1.3297	1.3413 1.3631	1.2748	1.2466	1.2596	Ave		1.3306			0.9000	6.5		20.0			
Fluorene	1.4517 1.5594	1.3317 1.6249	1.3665	1.4350	1.4759	Ave		1.4636			0.9000	7.0		20.0			
4,6-Dinitro-2-methylphenol	0.0546 0.1122	0.0612 0.1453	0.0675	0.0811	0.0864	QuaF		0.0761	0.0173267		0.0100	17.3			1.0000		0.9900
Hexachlorobenzene	0.3766 0.4077	0.4258 0.4189	0.3977	0.4111	0.3639	Ave		0.4002			0.1000	5.6		20.0			
Pentachlorophenol	0.0585 0.1958	0.0831 0.2539	0.1032	0.1368	0.1681	QuaF		0.1697	0.0210655		0.0500	42.3			1.0000		0.9900
Phenanthrene	1.3390 1.3165	1.2211 1.3845	1.2153	1.2871	1.2219	Ave		1.2836			0.7000	5.2		20.0			
Anthracene	1.1604 1.1723	1.1338 1.2041	1.0716	1.1573	1.1746	Ave		1.1534			0.7000	3.6		20.0			
Fluoranthene	1.1483 1.2246	1.0963 1.2466	1.0987	1.1514	1.1644	Ave		1.1615			0.6000	4.9		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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 948564

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2023 14:51 Calibration End Date: 12/07/2023 19:14 Calibration ID: 95368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pyrene	2.7617 2.6804	2.5023 2.6762	2.3892	2.5852	2.4418	Ave		2.5767			0.6000	5.3		20.0			
Benzo[a]anthracene	1.8312 1.7994	1.5644 1.8994	1.5764	1.7049	1.6285	Ave		1.7149			0.8000	7.7		20.0			
Chrysene	2.0998 1.8696	1.9359 1.9408	1.7444	1.8907	1.8383	Ave		1.9028			0.7000	5.8		20.0			
Benzo[b]fluoranthene	1.8999 1.9619	1.7529 2.3845	1.6361	1.8808	1.6453	Ave		1.8802			0.7000	13.6		20.0			
Benzo[k]fluoranthene	1.9342 2.1209	1.8646 2.4836	1.9274	2.0564	2.0258	Ave		2.0590			0.7000	10.0		20.0			
Benzo[a]pyrene	1.2857 1.4625	1.2431 1.5978	1.2051	1.3372	1.3111	Ave		1.3489			0.7000	10.1		20.0			
Indeno[1,2,3-cd]pyrene	1.5905 1.7640	1.5331 2.2138	1.4879	1.5922	1.5043	Ave		1.6694			0.5000	15.4		20.0			
Dibenz(a,h)anthracene	1.6982 1.7290	1.5972 2.1600	1.3577	1.4880	1.5074	Ave		1.6482			0.4000	15.7		20.0			
Benzo[g,h,i]perylene	1.8471 1.9215	1.7945 2.4354	1.6918	1.7742	1.6484	Ave		1.8733			0.5000	14.1		20.0			
Nitrobenzene-d5	0.3401 0.3738	0.3427 0.3527	0.3619	0.3634	0.3376	Ave		0.3532			0.0100	3.9		20.0			
2-Fluorobiphenyl	1.9187 1.8241	1.8397 1.6205	1.8221	1.8490	1.6705	Ave		1.7921			0.0100	5.9		20.0			
2,4,6-Tribromophenol	0.2634 0.3605	0.2533 0.3104	0.2812	0.3007	0.3091	Ave		0.2969			0.0100	12.0		20.0			

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

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

Lab Name: Eurofins Edison | Job No.: 480-215449-1 | Analy Batch No.: 948564

SDG No.:

Instrument ID: CBNAMS13 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2023 14:51 | Calibration End Date: 12/07/2023 19:14 | Calibration ID: 95368

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-948564/8	C29180.D
Level 2	STD2 460-948564/7	C29178.D
Level 3	STD3 460-948564/6	C29176.D
Level 4	STD4 460-948564/5	C29174.D
Level 5	ICIS 460-948564/2	C29168.D
Level 6	STD6 460-948564/4	C29172.D
Level 7	STD7 460-948564/3	C29170.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCBd4	Ave	1605 106264	6489 184373	12964	23819	44479	0.0200 2.00	0.100 4.00	0.200	0.400	0.800
N-Nitrosodimethylamine	DCBd4	Ave	1285 70131	3421 132045	7911	14174	28169	0.0200 1.00	0.0500 2.00	0.100	0.200	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	240 131020	699 243527	2861	28227	57246	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Naphthalene	NPT	Ave	2377 151580	4437 698569	8984	40905	86116	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthylene	ANT	Ave	1902 133947	3501 623812	7396	33680	78062	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthene	ANT	Ave	1292 74017	2236 350429	4656	19207	44994	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Fluorene	ANT	Ave	1251 86806	2220 417756	4991	22110	52718	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	QuaF	577 50969	1536 120196	3830	7644	20728	0.0400 2.00	0.100 4.00	0.200	0.400	0.800
Hexachlorobenzene	PHN	Ave	199 92629	534 173258	2257	19365	43641	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Pentachlorophenol	PHN	QuaF	309 44482	1042 210013	2928	6445	20157	0.0200 1.00	0.0500 4.00	0.100	0.200	0.400
Phenanthrene	PHN	Ave	1769 119661	3063 572668	6898	30318	73265	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Anthracene	PHN	Ave	1533 106550	2844 498049	6082	27259	70427	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Fluoranthene	PHN	Ave	1517 111307	2750 515629	6236	27120	69817	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Pyrene	CRY	Ave	1573 112522	2708 515065	6214	27463	70369	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]anthracene	CRY	Ave	1043 75540	1693 365550	4100	18111	46931	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Chrysene	CRY	Ave	1196	2095	4537	20085	52975	0.00500	0.0100	0.0200	0.100	0.200

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

Lab Name: Eurofins Edison | Job No.: 480-215449-1 | Analy Batch No.: 948564

SDG No.:

Instrument ID: CBNAMS13 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/07/2023 14:51 | Calibration End Date: 12/07/2023 19:14 | Calibration ID: 95368

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			78485	373524				0.400	2.00			
Benzo[b]fluoranthene	PRY	Ave	829 66412	1475 349996	3291	15567	39224	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	844 71794	1569 364540	3877	17021	48295	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]pyrene	PRY	Ave	561 49506	1046 234531	2424	11068	31256	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	694 59712	1290 324942	2993	13179	35863	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Dibenz(a,h)anthracene	PRY	Ave	741 58526	1344 317047	2731	12316	35936	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	806 65044	1510 357461	3403	14685	39297	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Nitrobenzene-d5	NPT	Ave	14148 624042	27842 2190089	61472	107808	132928	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	33070 1269273	61334 4166143	133094	227904	298347	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2,4,6-Tribromophenol	ANT	Ave	4540 250867	8445 798049	20539	37060	55213	0.100 5.00	0.200 20.0	0.400	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\20231207-169827.b\C29168.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 07-Dec-2023 14:51:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:02 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 07-Dec-2023 15:11:09

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	1.327	1.327	0.000	83	44479	0.8000	0.7328	
2 N-Nitrosodimethylamine	74	1.540	1.540	0.000	69	28169	0.4000	0.3975	
3 Bis(2-chloroethyl)ether	93	3.513	3.513	0.000	94	57246	0.4000	0.4210	
* 4 1,4-Dichlorobenzene-d4	152	3.763	3.763	0.000	100	25325	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.313	4.313	0.000	96	132928	1.00	0.9558	
* 7 Naphthalene-d8	136	4.999	4.999	0.000	100	78756	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	100	86116	0.2000	0.1975	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	298347	1.00	0.9321	
10 Acenaphthylene	152	6.532	6.532	0.000	100	78062	0.2000	0.1969	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	97	35720	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	79	44994	0.2000	0.1893	
13 Fluorene	166	7.182	7.182	0.000	95	52718	0.2000	0.2017	
14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	20728	0.8000	0.7725	
$ 23 2,4,6-Tribromophenol	330	7.417	7.417	0.000	99	55213	1.00	1.04	
15 Hexachlorobenzene	284	7.705	7.705	0.000	96	43641	0.4000	0.3637	
16 Pentachlorophenol	266	7.904	7.904	0.000	99	20157	0.4000	0.3785	
* 17 Phenanthrene-d10	188	8.058	8.058	0.000	99	59958	0.2000	0.2000	
18 Phenanthrene	178	8.085	8.085	0.000	34	73265	0.2000	0.1904	
19 Anthracene	178	8.130	8.130	0.000	99	70427	0.2000	0.2037	
20 Fluoranthene	202	9.194	9.194	0.000	99	69817	0.2000	0.2005	
21 Pyrene	202	9.405	9.405	0.000	99	70369	0.2000	0.1895	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	96	130447	1.00	0.9887	
24 Benzo[a]anthracene	228	10.559	10.559	0.000	22	46931	0.2000	0.1899	
* 25 Chrysene-d12	240	10.572	10.572	0.000	87	28818	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	100	52975	0.2000	0.1932	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	39224	0.2000	0.1750	
28 Benzo[k]fluoranthene	252	11.785	11.785	0.000	96	48295	0.2000	0.1968	
29 Benzo[a]pyrene	252	12.141	12.141	0.000	99	31256	0.2000	0.1944	
* 30 Perylene-d12	264	12.213	12.213	0.000	99	23840	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.584	13.584	0.000	98	35863	0.2000	0.1802	
32 Dibenz(a,h)anthracene	278	13.624	13.624	0.000	45	35936	0.2000	0.1829	

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	13.914	13.914	0.000	97	39297	0.2000	0.1760	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

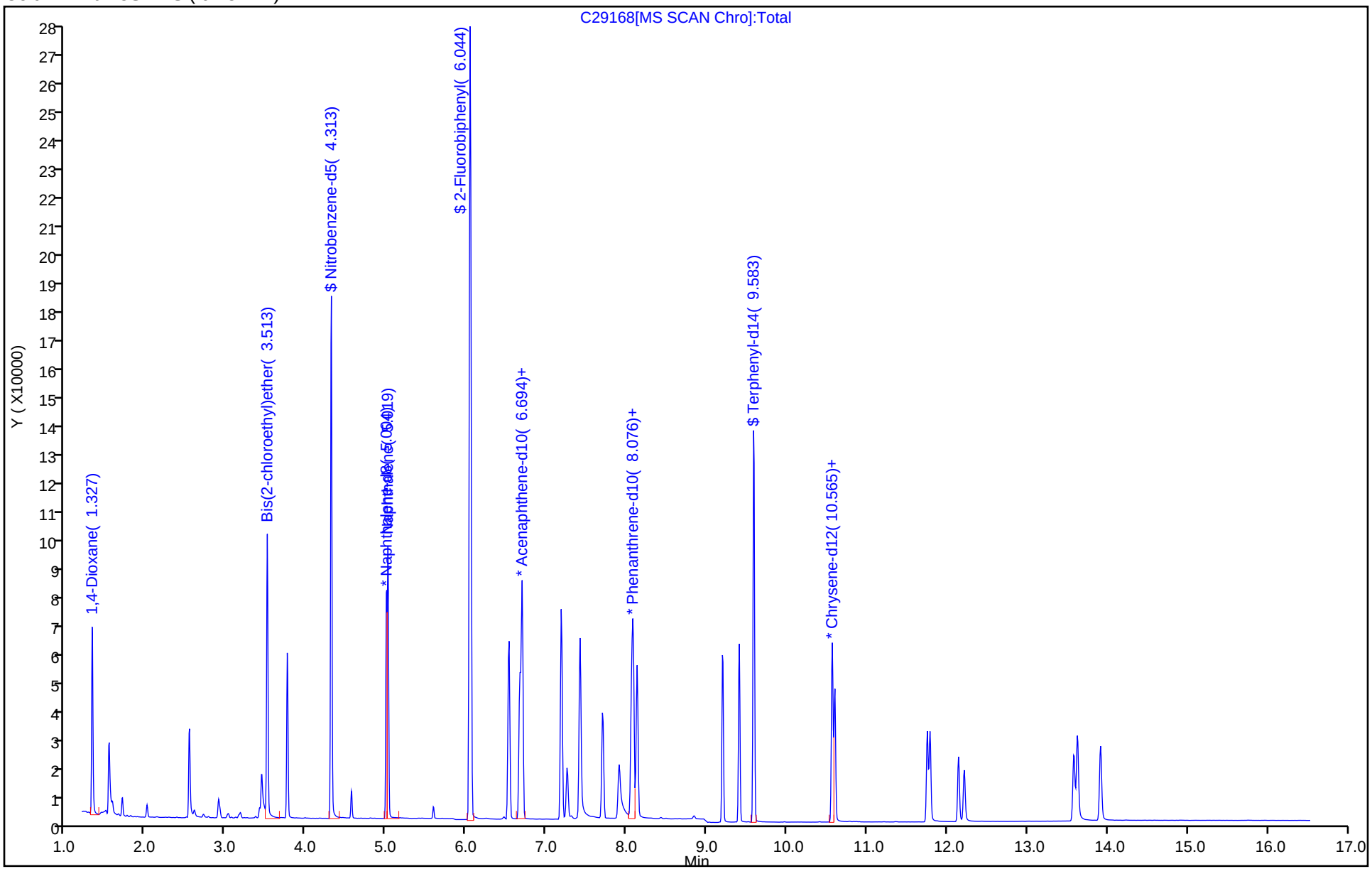
Report Date: 11-Dec-2023 06:48:02 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29168.D

Injection Date:	07-Dec-2023 14:51:30	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\20231207-169827.b\C29170.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 07-Dec-2023 15:35:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-003
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:03 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 07-Dec-2023 15:56:03

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	1.311	1.327	-0.016	82	184373	4.00	3.77	
2 N-Nitrosodimethylamine	74	1.514	1.540	-0.026	69	132045	2.00	2.31	
3 Bis(2-chloroethyl)ether	93	3.508	3.513	-0.005	94	243527	2.00	2.22	
* 4 1,4-Dichlorobenzene-d4	152	3.757	3.763	-0.006	100	20404	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.308	4.313	-0.005	96	2190089	20.0	20.0	
* 7 Naphthalene-d8	136	4.999	4.999	0.000	100	62100	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	100	698569	2.00	2.03	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	4166143	20.0	18.1	
10 Acenaphthylene	152	6.523	6.532	-0.009	100	623812	2.00	2.19	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	96	25709	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	80	350429	2.00	2.05	
13 Fluorene	166	7.182	7.182	0.000	99	417756	2.00	2.22	
14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	120196	4.00	4.00	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	798049	20.0	20.9	
15 Hexachlorobenzene	284	7.696	7.705	-0.009	99	173258	2.00	2.09	
16 Pentachlorophenol	266	7.904	7.904	0.000	99	210013	4.00	4.00	
* 17 Phenanthrene-d10	188	8.057	8.058	-0.001	56	41364	0.2000	0.2000	
18 Phenanthrene	178	8.076	8.085	-0.009	32	572668	2.00	2.16	
19 Anthracene	178	8.130	8.130	0.000	100	498049	2.00	2.09	
20 Fluoranthene	202	9.194	9.194	0.000	99	515629	2.00	2.15	
21 Pyrene	202	9.399	9.405	-0.007	99	515065	2.00	2.08	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	95	1536682	20.0	17.4	
24 Benzo[a]anthracene	228	10.559	10.559	0.000	6	365550	2.00	2.22	
* 25 Chrysene-d12	240	10.572	10.572	0.000	11	19246	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	100	373524	2.00	2.04	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	349996	2.00	2.54	
28 Benzo[k]fluoranthene	252	11.778	11.785	-0.007	96	364540	2.00	2.41	
29 Benzo[a]pyrene	252	12.134	12.141	-0.007	100	234531	2.00	2.37	
* 30 Perylene-d12	264	12.206	12.213	-0.007	99	14678	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.577	13.584	-0.007	99	324942	2.00	2.65	
32 Dibenz(a,h)anthracene	278	13.624	13.624	0.000	45	317047	2.00	2.62	

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	13.914	13.914	0.000	98	357461	2.00	2.60	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL7_00003 Amount Added: 1.00 Units: mL

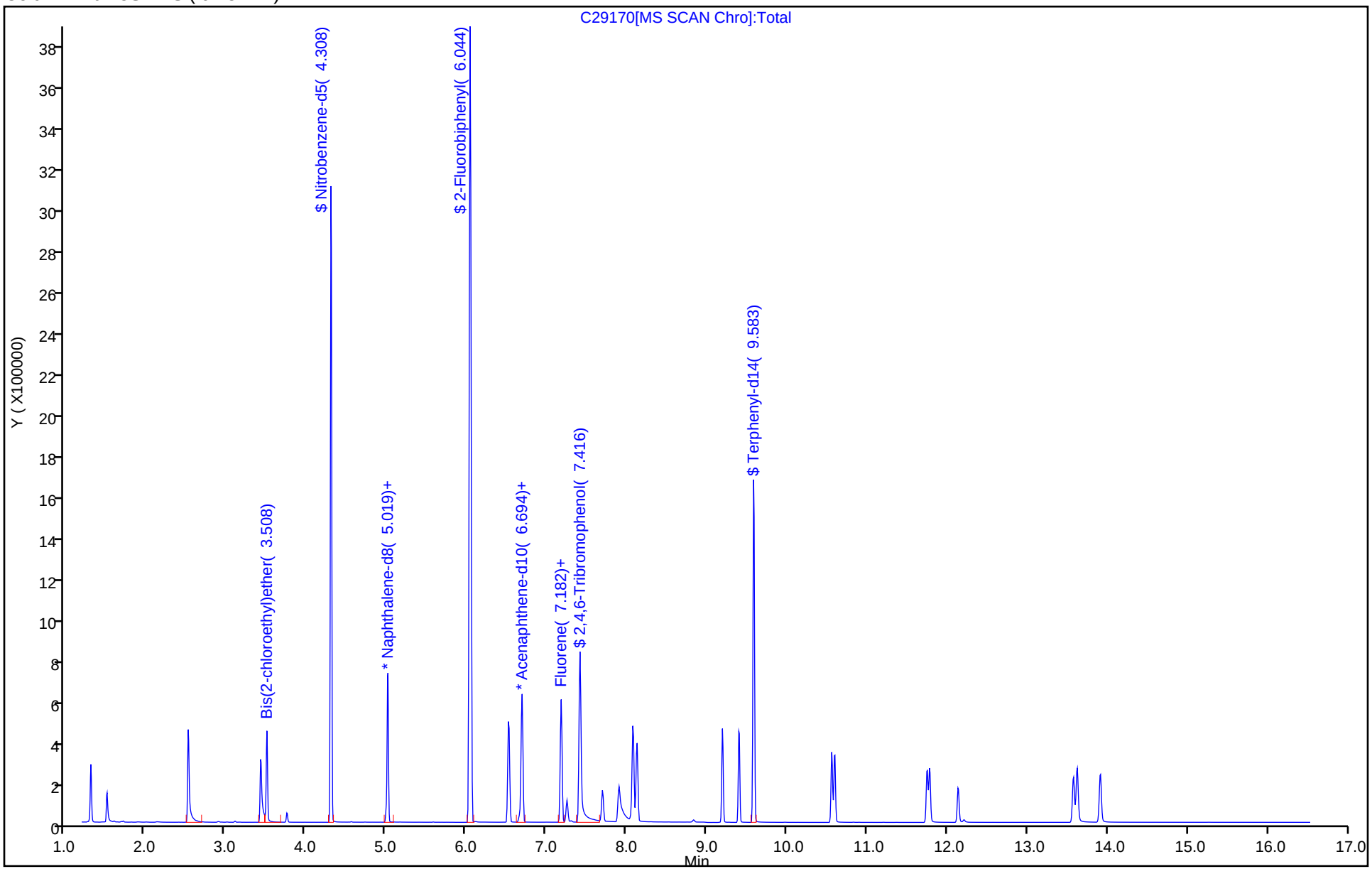
Report Date: 11-Dec-2023 06:48:03 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29170.D

Injection Date:	07-Dec-2023 15:35:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29172.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 07-Dec-2023 16:18:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-004
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:04 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 07-Dec-2023 16:43:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.322	1.327	-0.005	81	106264	2.00	1.98	
2 N-Nitrosodimethylamine	74	1.524	1.540	-0.016	71	70131	1.00	1.12	
3 Bis(2-chloroethyl)ether	93	3.508	3.513	-0.005	93	131020	1.00	1.09	
* 4 1,4-Dichlorobenzene-d4	152	3.757	3.763	-0.006	100	22382	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.308	4.313	-0.005	96	624042	5.00	5.29	
* 7 Naphthalene-d8	136	4.999	4.999	0.000	100	66774	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	100	151580	0.4000	0.4101	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	1269273	5.00	5.09	
10 Acenaphthylene	152	6.523	6.532	-0.009	100	133947	0.4000	0.4337	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	97	27833	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	80	74017	0.4000	0.3997	
13 Fluorene	166	7.182	7.182	0.000	96	86806	0.4000	0.4262	
14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	50969	2.00	2.02	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	250867	5.00	6.07	
15 Hexachlorobenzene	284	7.696	7.705	-0.009	99	92629	1.00	1.02	
16 Pentachlorophenol	266	7.913	7.904	0.009	98	44482	1.00	1.02	
* 17 Phenanthrene-d10	188	8.057	8.058	-0.001	98	45445	0.2000	0.2000	
18 Phenanthrene	178	8.076	8.085	-0.009	36	119661	0.4000	0.4103	
19 Anthracene	178	8.130	8.130	0.000	99	106550	0.4000	0.4065	
20 Fluoranthene	202	9.194	9.194	0.000	100	111307	0.4000	0.4218	
21 Pyrene	202	9.399	9.405	-0.006	99	112522	0.4000	0.4161	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	96	477130	5.00	4.97	
24 Benzo[a]anthracene	228	10.559	10.559	0.000	14	75540	0.4000	0.4197	
* 25 Chrysene-d12	240	10.572	10.572	0.000	53	20990	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	99	78485	0.4000	0.3930	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	66412	0.4000	0.4174	
28 Benzo[k]fluoranthene	252	11.778	11.785	-0.007	95	71794	0.4000	0.4120	
29 Benzo[a]pyrene	252	12.134	12.141	-0.007	99	49506	0.4000	0.4337	
* 30 Perylene-d12	264	12.206	12.213	-0.007	99	16925	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.577	13.584	-0.007	98	59712	0.4000	0.4227	
32 Dibenz(a,h)anthracene	278	13.624	13.624	0.000	97	58526	0.4000	0.4196	

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	13.907	13.914	-0.007	97	65044	0.4000	0.4103	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL6_00020 Amount Added: 1.00 Units: mL

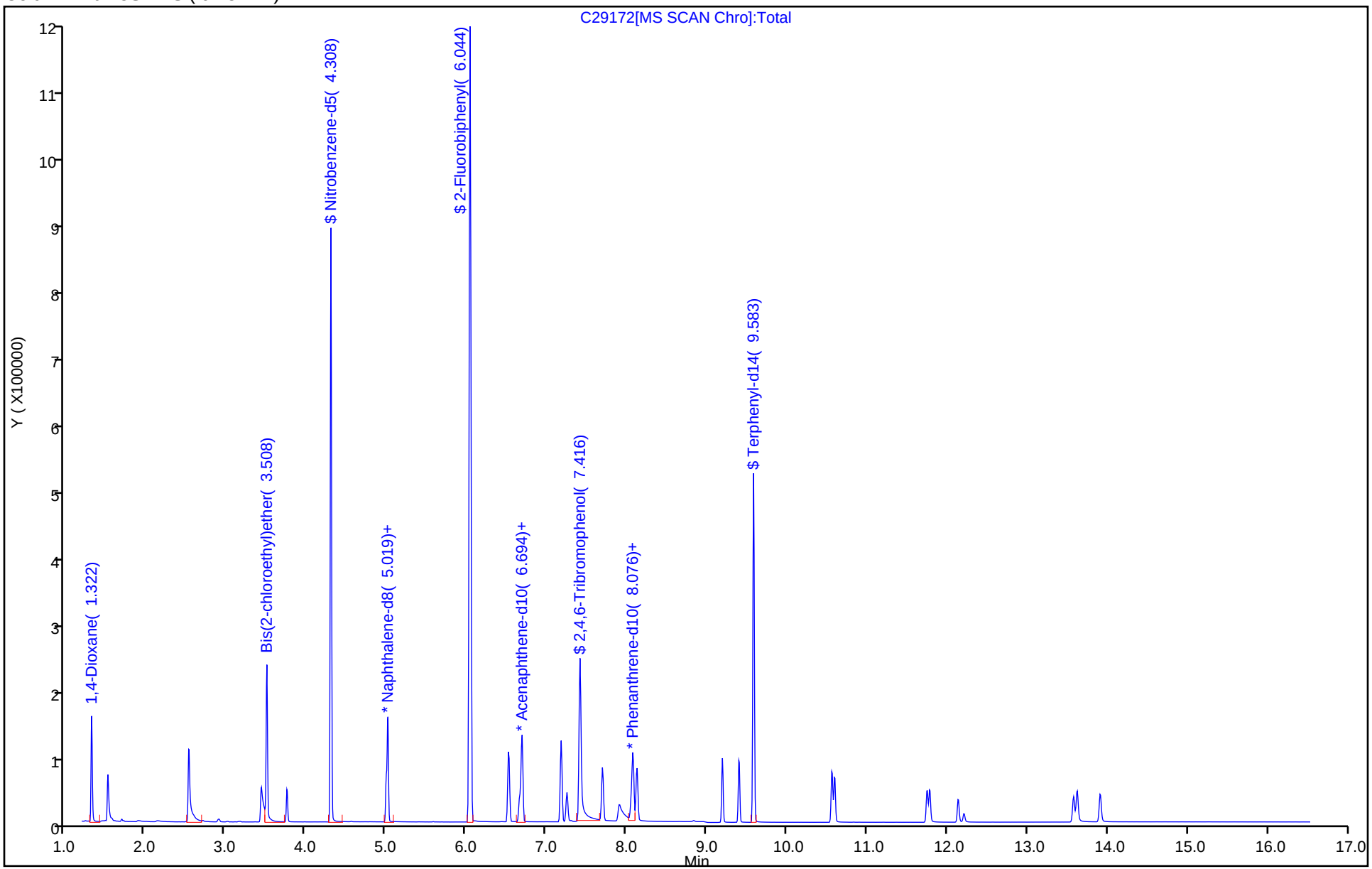
Report Date: 11-Dec-2023 06:48:04 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29172.D

Injection Date:	07-Dec-2023 16:18:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29174.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Dec-2023 17:02:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-005
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:05 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 08-Dec-2023 13:40:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.337	1.327	0.010	81	23819	0.4000	0.3936	
2 N-Nitrosodimethylamine	74	1.550	1.540	0.010	70	14174	0.2000	0.2006	
3 Bis(2-chloroethyl)ether	93	3.508	3.513	-0.005	95	28227	0.2000	0.2082	
* 4 1,4-Dichlorobenzene-d4	152	3.763	3.763	0.000	100	25249	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.308	4.313	-0.005	97	107808	0.8000	0.8232	
* 7 Naphthalene-d8	136	4.999	4.999	0.000	100	74165	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	100	40905	0.1000	0.0996	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	227904	0.8000	0.8254	
10 Acenaphthylene	152	6.532	6.532	0.000	100	33680	0.1000	0.0985	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	96	30815	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	80	19207	0.1000	0.0937	
13 Fluorene	166	7.182	7.182	0.000	97	22110	0.1000	0.0980	
14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	7644	0.4000	0.3914	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	37060	0.8000	0.8100	
15 Hexachlorobenzene	284	7.696	7.705	-0.009	99	19365	0.2000	0.2054	
16 Pentachlorophenol	266	7.904	7.904	0.000	98	6445	0.2000	0.1582	
* 17 Phenanthrene-d10	188	8.058	8.058	-0.001	99	47109	0.2000	0.2000	
18 Phenanthrene	178	8.076	8.085	-0.009	53	30318	0.1000	0.1003	
19 Anthracene	178	8.130	8.130	0.000	99	27259	0.1000	0.1003	
20 Fluoranthene	202	9.194	9.194	0.000	99	27120	0.1000	0.0991	
21 Pyrene	202	9.405	9.405	0.000	100	27463	0.1000	0.1003	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	97	79171	0.8000	0.8140	
24 Benzo[a]anthracene	228	10.559	10.559	0.000	46	18111	0.1000	0.0994	
* 25 Chrysene-d12	240	10.572	10.572	0.000	93	21246	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	100	20085	0.1000	0.0994	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	15567	0.1000	0.1000	
28 Benzo[k]fluoranthene	252	11.785	11.785	0.000	99	17021	0.1000	0.0999	
29 Benzo[a]pyrene	252	12.141	12.141	0.000	100	11068	0.1000	0.0991	
* 30 Perylene-d12	264	12.206	12.213	-0.007	99	16554	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.577	13.584	-0.007	96	13179	0.1000	0.0954	
32 Dibenz(a,h)anthracene	278	13.624	13.624	0.000	45	12316	0.1000	0.0903	

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	13.914	13.914	0.000	97	14685	0.1000	0.0947	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL4_00018 Amount Added: 1.00 Units: mL

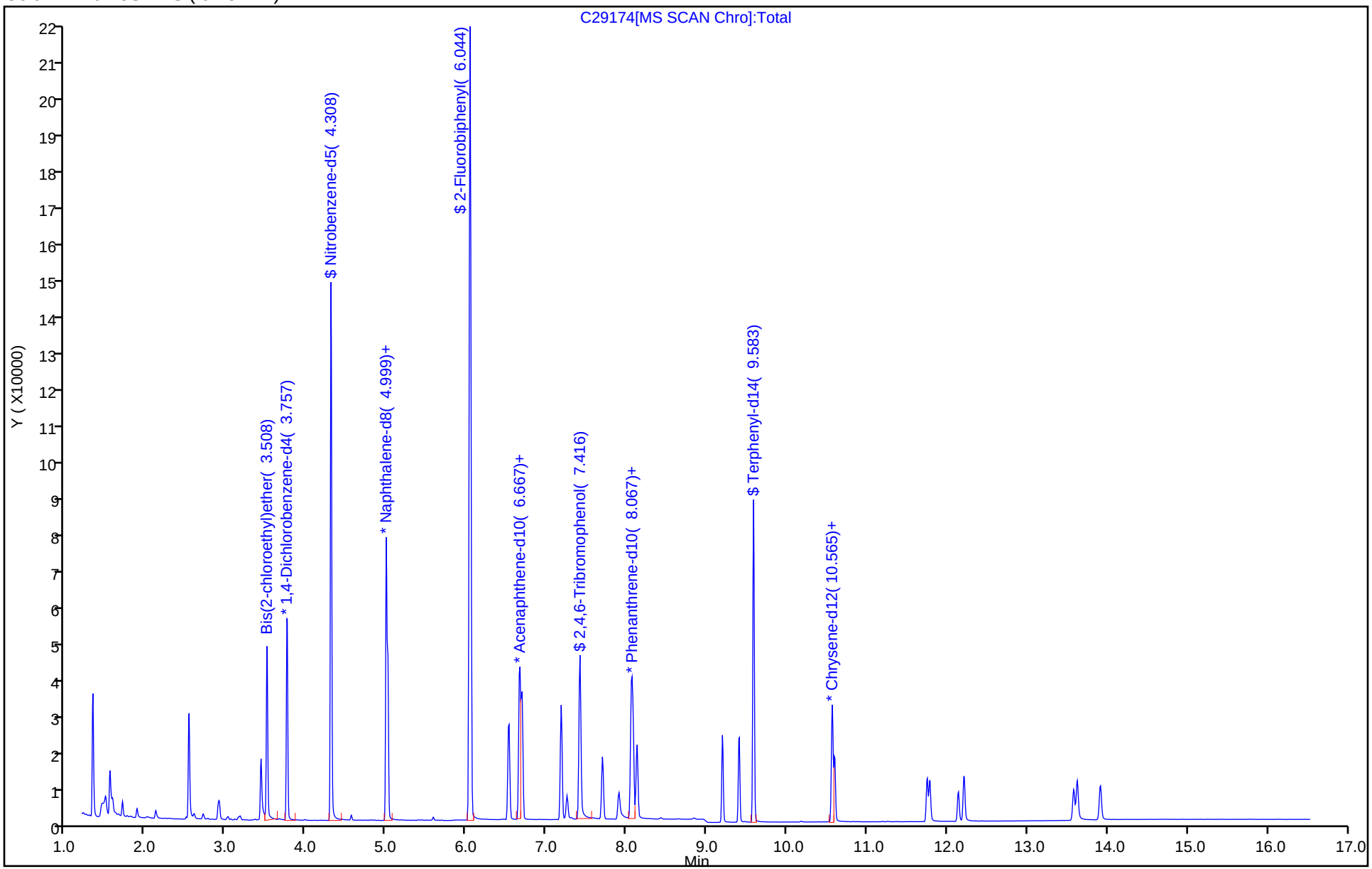
Report Date: 11-Dec-2023 06:48:06 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29174.D

Injection Date:	07-Dec-2023 17:02:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29176.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Dec-2023 17:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-006
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:06 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 08-Dec-2023 13:40:14

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	1.343	1.327	0.016	84	12964	0.2000	0.1910	
2 N-Nitrosodimethylamine	74	1.561	1.540	0.021	72	7911	0.1000	0.0998	
3 Bis(2-chloroethyl)ether	93	3.513	3.513	0.000	95	2861	0.0200	0.0188	
* 4 1,4-Dichlorobenzene-d4	152	3.763	3.763	0.000	100	28313	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.308	4.313	-0.005	98	61472	0.4000	0.4099	
* 7 Naphthalene-d8	136	4.999	4.999	0.000	100	84918	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	100	8984	0.0200	0.0191	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	133094	0.4000	0.4067	
10 Acenaphthylene	152	6.532	6.532	0.000	100	7396	0.0200	0.0182	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	96	36523	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	100	4656	0.0200	0.0192	
13 Fluorene	166	7.182	7.182	0.000	100	4991	0.0200	0.0187	
14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	3830	0.2000	0.1707	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	20539	0.4000	0.3788	
15 Hexachlorobenzene	284	7.696	7.705	-0.009	98	2257	0.0200	0.0199	
16 Pentachlorophenol	266	7.904	7.904	0.000	96	2928	0.1000	0.0604	
* 17 Phenanthrene-d10	188	8.058	8.058	0.000	100	56758	0.2000	0.2000	
18 Phenanthrene	178	8.076	8.085	-0.009	90	6898	0.0200	0.0189	
19 Anthracene	178	8.130	8.130	0.000	99	6082	0.0200	0.0186	
20 Fluoranthene	202	9.194	9.194	0.000	100	6236	0.0200	0.0189	
21 Pyrene	202	9.405	9.405	0.000	100	6214	0.0200	0.0185	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	97	49069	0.4000	0.4121	
24 Benzo[a]anthracene	228	10.559	10.559	0.000	97	4100	0.0200	0.0184	
* 25 Chrysene-d12	240	10.565	10.572	-0.007	96	26009	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	100	4537	0.0200	0.0183	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	3291	0.0200	0.0174	
28 Benzo[k]fluoranthene	252	11.785	11.785	0.000	93	3877	0.0200	0.0187	
29 Benzo[a]pyrene	252	12.141	12.141	0.000	98	2424	0.0200	0.0179	
* 30 Perylene-d12	264	12.206	12.213	-0.007	99	20115	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.584	13.584	0.000	97	2993	0.0200	0.0178	
32 Dibenz(a,h)anthracene	278	13.630	13.624	0.006	45	2731	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	13.914	13.914	0.000	97	3403	0.0200	0.0181	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL3_00022 Amount Added: 1.00 Units: mL

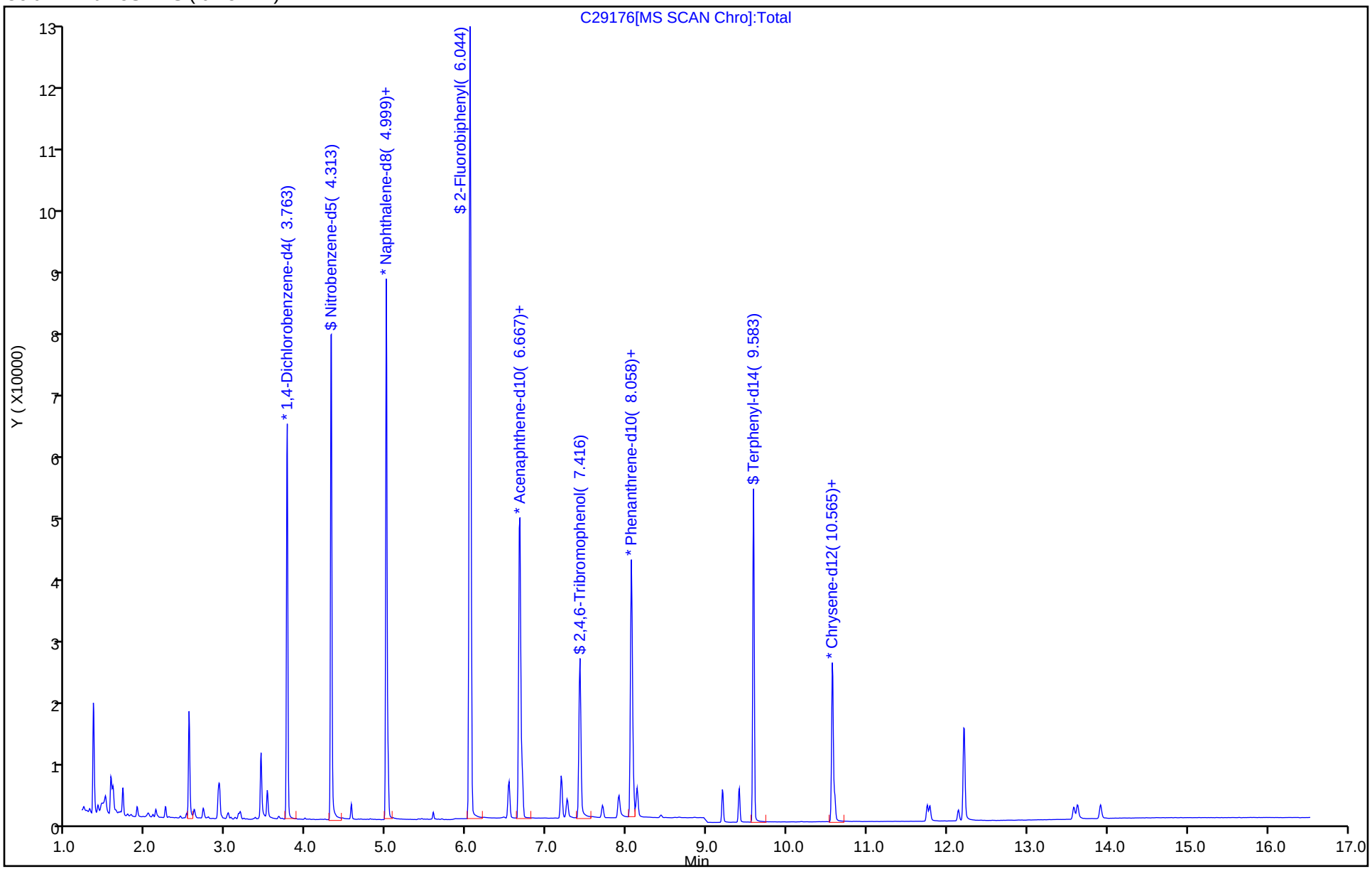
Report Date: 11-Dec-2023 06:48:07 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29176.D

Injection Date:	07-Dec-2023 17:46:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD3			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29178.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Dec-2023 18:30:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-007
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:08 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 08-Dec-2023 14:36:48

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	1.342	1.327	0.015	83	6489	0.1000	0.0979	
2 N-Nitrosodimethylamine	74	1.571	1.540	0.031	72	3421	0.0500	0.0442	
3 Bis(2-chloroethyl)ether	93	3.518	3.513	0.005	94	699	0.005000	0.004706	
* 4 1,4-Dichlorobenzene-d4	152	3.762	3.763	-0.001	100	27665	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.313	4.313	0.000	97	27842	0.2000	0.1941	
* 7 Naphthalene-d8	136	4.998	4.999	-0.001	100	81232	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	99	4437	0.0100	0.009868	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	61334	0.2000	0.2053	
10 Acenaphthylene	152	6.532	6.532	0.000	100	3501	0.0100	0.009463	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	97	33340	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	97	2236	0.0100	0.0101	
13 Fluorene	166	7.182	7.182	0.000	97	2220	0.0100	0.009099	
14 4,6-Dinitro-2-methylphenol	198	7.263	7.254	0.009	99	1536	0.1000	0.0790	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	8445	0.2000	0.1706	
15 Hexachlorobenzene	284	7.696	7.705	-0.009	94	534	0.005000	0.005319	
16 Pentachlorophenol	266	7.904	7.904	0.000	93	1042	0.0500	0.0244	
* 17 Phenanthrene-d10	188	8.057	8.058	-0.001	100	50168	0.2000	0.2000	
18 Phenanthrene	178	8.084	8.085	-0.001	81	3063	0.0100	0.009513	
19 Anthracene	178	8.130	8.130	0.000	99	2844	0.0100	0.009830	
20 Fluoranthene	202	9.201	9.194	0.007	99	2750	0.0100	0.009439	
21 Pyrene	202	9.405	9.405	0.000	99	2708	0.0100	0.009711	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	97	20707	0.2000	0.2090	
24 Benzo[a]anthracene	228	10.558	10.559	-0.001	93	1693	0.0100	0.009123	
* 25 Chrysene-d12	240	10.572	10.572	0.000	98	21644	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	100	2095	0.0100	0.0102	
27 Benzo[b]fluoranthene	252	11.751	11.752	-0.001	99	1475	0.0100	0.009323	
28 Benzo[k]fluoranthene	252	11.784	11.785	-0.001	98	1569	0.0100	0.009056	
29 Benzo[a]pyrene	252	12.140	12.141	-0.001	98	1046	0.0100	0.009215	
* 30 Perylene-d12	264	12.213	12.213	0.000	99	16829	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.584	13.584	0.000	99	1290	0.0100	0.009183	
32 Dibenz(a,h)anthracene	278	13.630	13.624	0.006	98	1344	0.0100	0.009691	

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	13.913	13.914	-0.001	97	1510	0.0100	0.009580	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL2_00019 Amount Added: 1.00 Units: mL

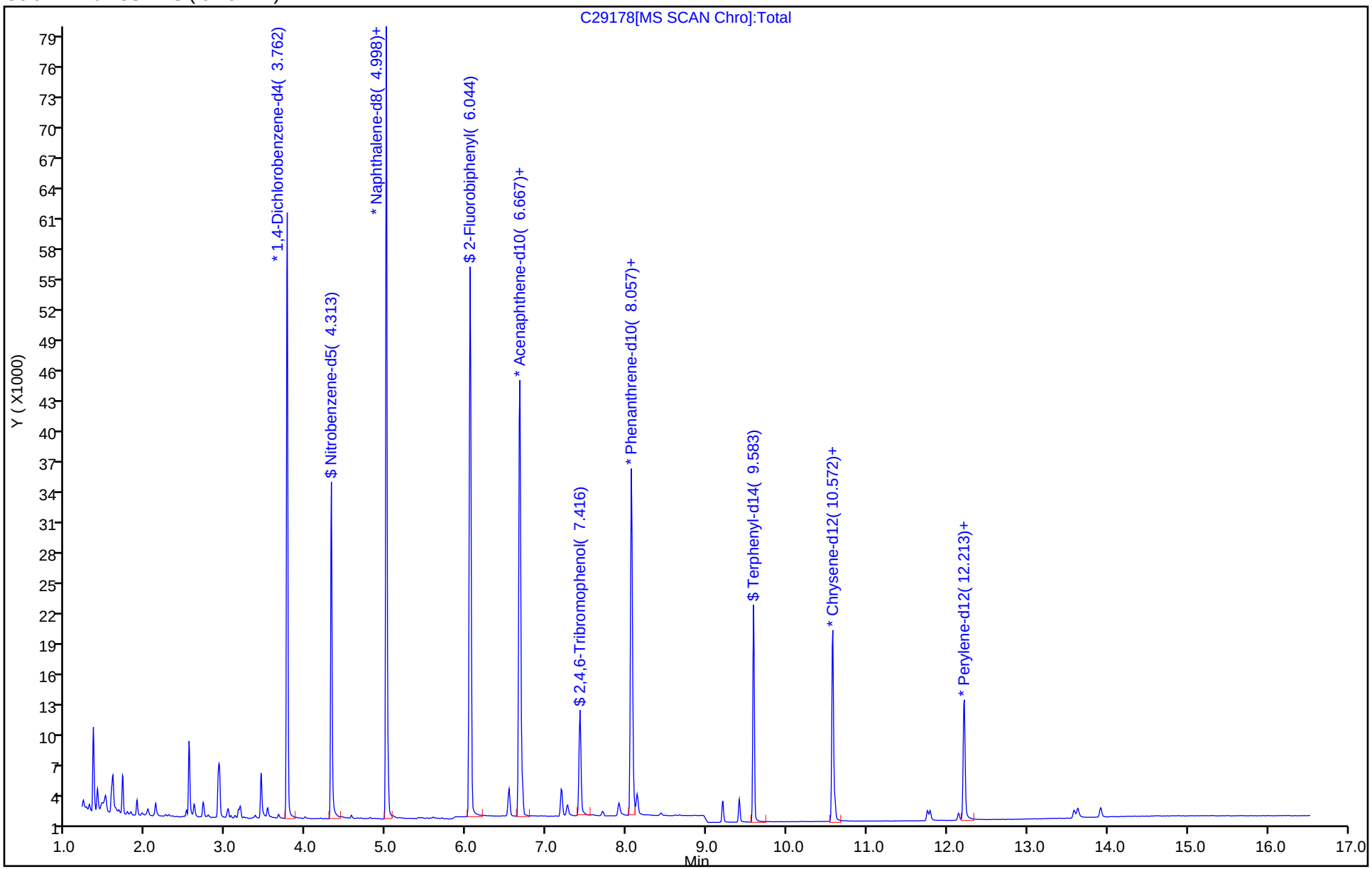
Report Date: 11-Dec-2023 06:48:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29178.D

Injection Date:	07-Dec-2023 18:30:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD2			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\20231207-169827.b\C29180.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Dec-2023 19:14:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-008
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:48:09 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 08-Dec-2023 13:40:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.353	1.327	0.026	82	1605	0.0200	0.0247	
2 N-Nitrosodimethylamine	74	1.587	1.540	0.046	15	1285	0.0200	0.0169	
3 Bis(2-chloroethyl)ether	93	3.518	3.513	0.005	90	240	0.002000	0.001646	
* 4 1,4-Dichlorobenzene-d4	152	3.762	3.763	-0.001	100	27158	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.313	4.313	0.000	97	14148	0.1000	0.0963	
* 7 Naphthalene-d8	136	4.998	4.999	-0.001	100	83203	0.2000	0.2000	
8 Naphthalene	128	5.019	5.019	0.000	99	2377	0.005000	0.005161	
$ 9 2-Fluorobiphenyl	172	6.044	6.044	0.000	100	33070	0.1000	0.1071	
10 Acenaphthylene	152	6.532	6.532	0.000	100	1902	0.005000	0.004972	
* 11 Acenaphthene-d10	164	6.667	6.667	0.000	96	34471	0.2000	0.2000	
12 Acenaphthene	154	6.694	6.694	0.000	94	1292	0.005000	0.005634	
13 Fluorene	166	7.182	7.182	0.000	97	1251	0.005000	0.004959	
14 4,6-Dinitro-2-methylphenol	198	7.263	7.254	0.009	99	577	0.0400	0.0285	
$ 23 2,4,6-Tribromophenol	330	7.416	7.417	-0.001	99	4540	0.1000	0.0887	
15 Hexachlorobenzene	284	7.705	7.705	0.000	86	199	0.002000	0.001882	a
16 Pentachlorophenol	266	7.904	7.904	0.000	89	309	0.0200	0.006887	
* 17 Phenanthrene-d10	188	8.057	8.058	-0.001	100	52845	0.2000	0.2000	
18 Phenanthrene	178	8.084	8.085	-0.001	98	1769	0.005000	0.005216	
19 Anthracene	178	8.130	8.130	0.000	96	1533	0.005000	0.005030	
20 Fluoranthene	202	9.201	9.194	0.007	99	1517	0.005000	0.004943	
21 Pyrene	202	9.405	9.405	0.000	99	1573	0.005000	0.005359	
$ 22 Terphenyl-d14	244	9.583	9.583	0.000	96	10990	0.1000	0.1054	
24 Benzo[a]anthracene	228	10.558	10.559	-0.001	90	1043	0.005000	0.005339	
* 25 Chrysene-d12	240	10.572	10.572	0.000	98	22783	0.2000	0.2000	
26 Chrysene	228	10.598	10.598	0.000	99	1196	0.005000	0.005518	
27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	829	0.005000	0.005052	
28 Benzo[k]fluoranthene	252	11.784	11.785	-0.001	96	844	0.005000	0.004697	
29 Benzo[a]pyrene	252	12.140	12.141	-0.001	98	561	0.005000	0.004766	
* 30 Perylene-d12	264	12.206	12.213	-0.007	99	17454	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.584	13.584	0.000	98	694	0.005000	0.004764	
32 Dibenz(a,h)anthracene	278	13.630	13.624	0.006	98	741	0.005000	0.005152	

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	13.913	13.914	-0.001	97	806	0.005000	0.004930	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_simSlviL1_00019 Amount Added: 1.00 Units: mL

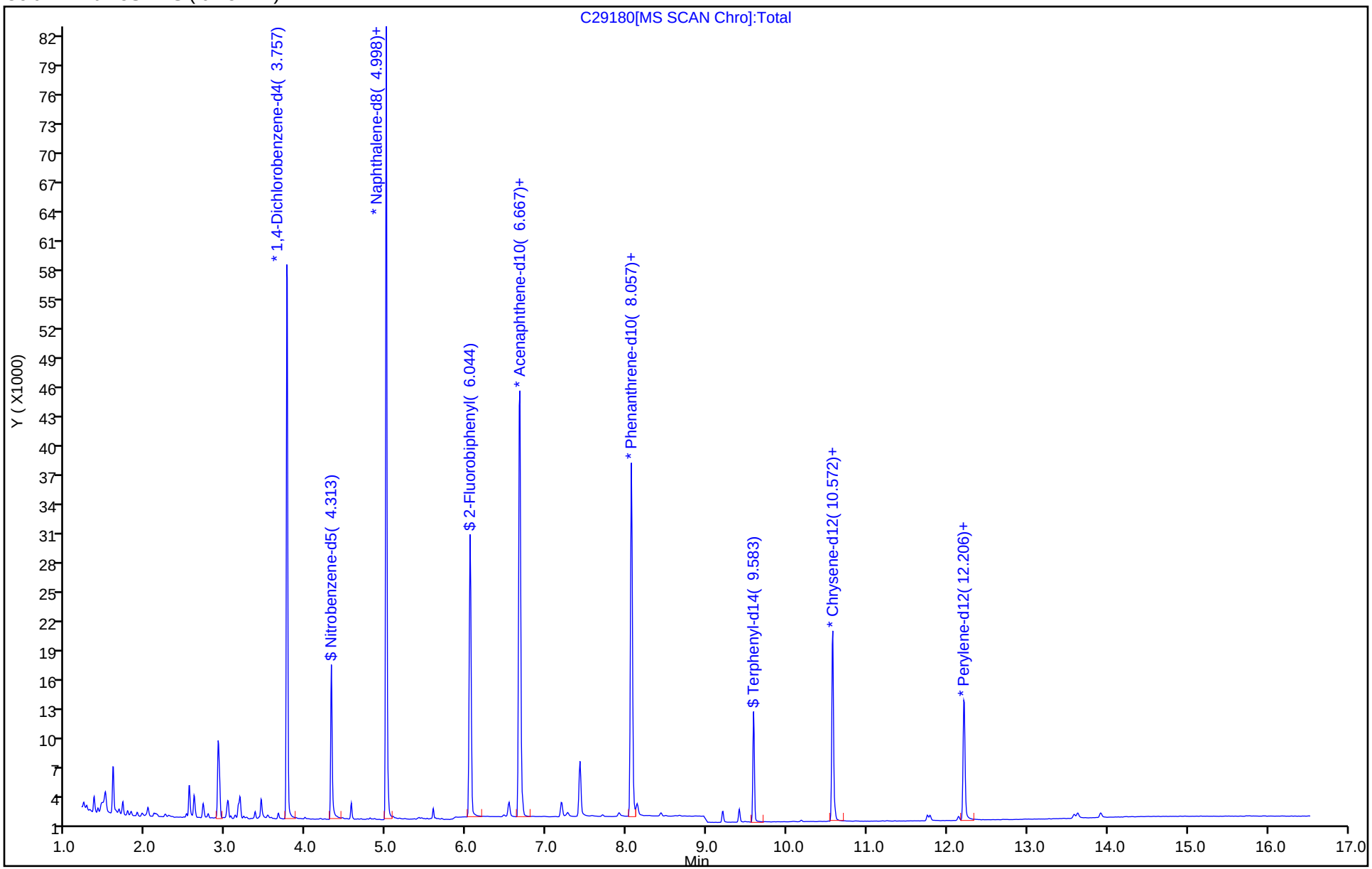
Report Date: 11-Dec-2023 06:48:09 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Injection Date:	07-Dec-2023 19:14:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

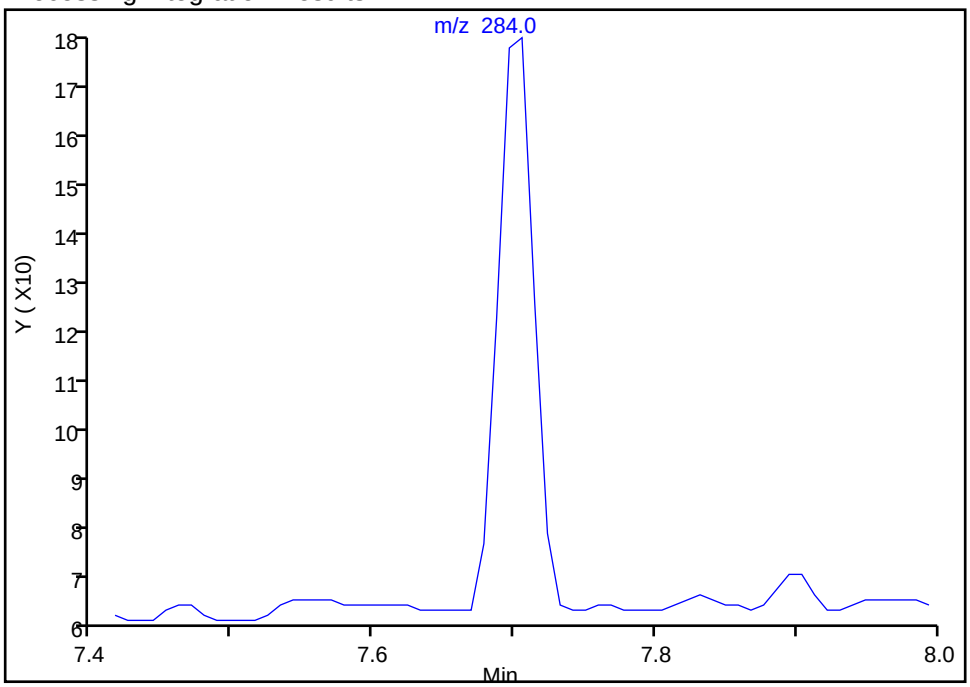
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D
Injection Date: 07-Dec-2023 19:14:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

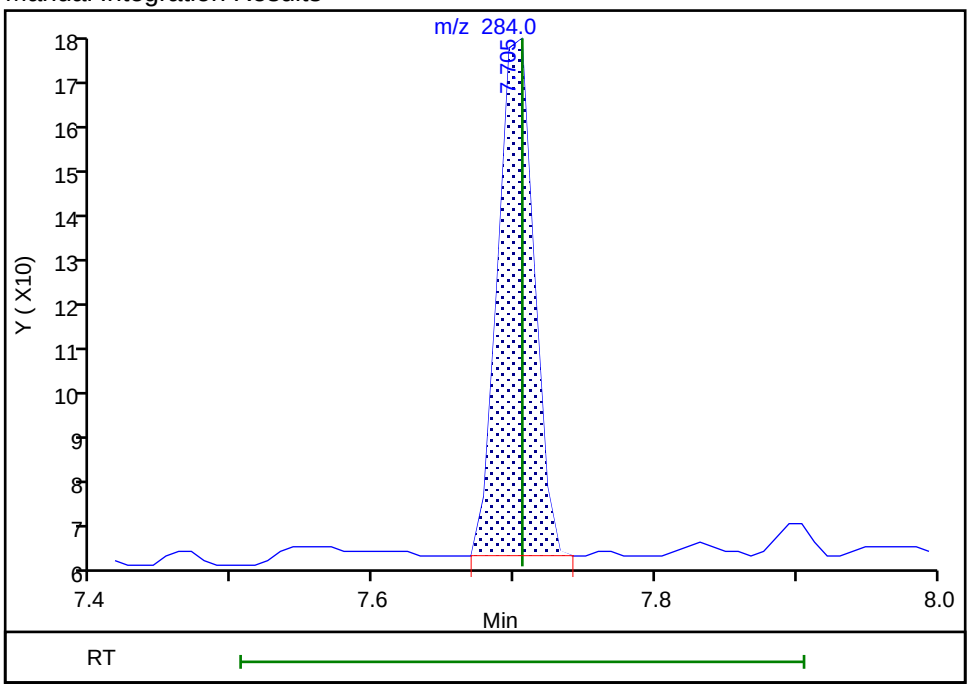
Not Detected
Expected RT: 7.71

Processing Integration Results



Manual Integration Results

RT: 7.71
Area: 199
Amount: 0.001882
Amount Units: ug/ml



Reviewer: LKI7, 08-Dec-2023 13:40:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / 1,4-Dioxane

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

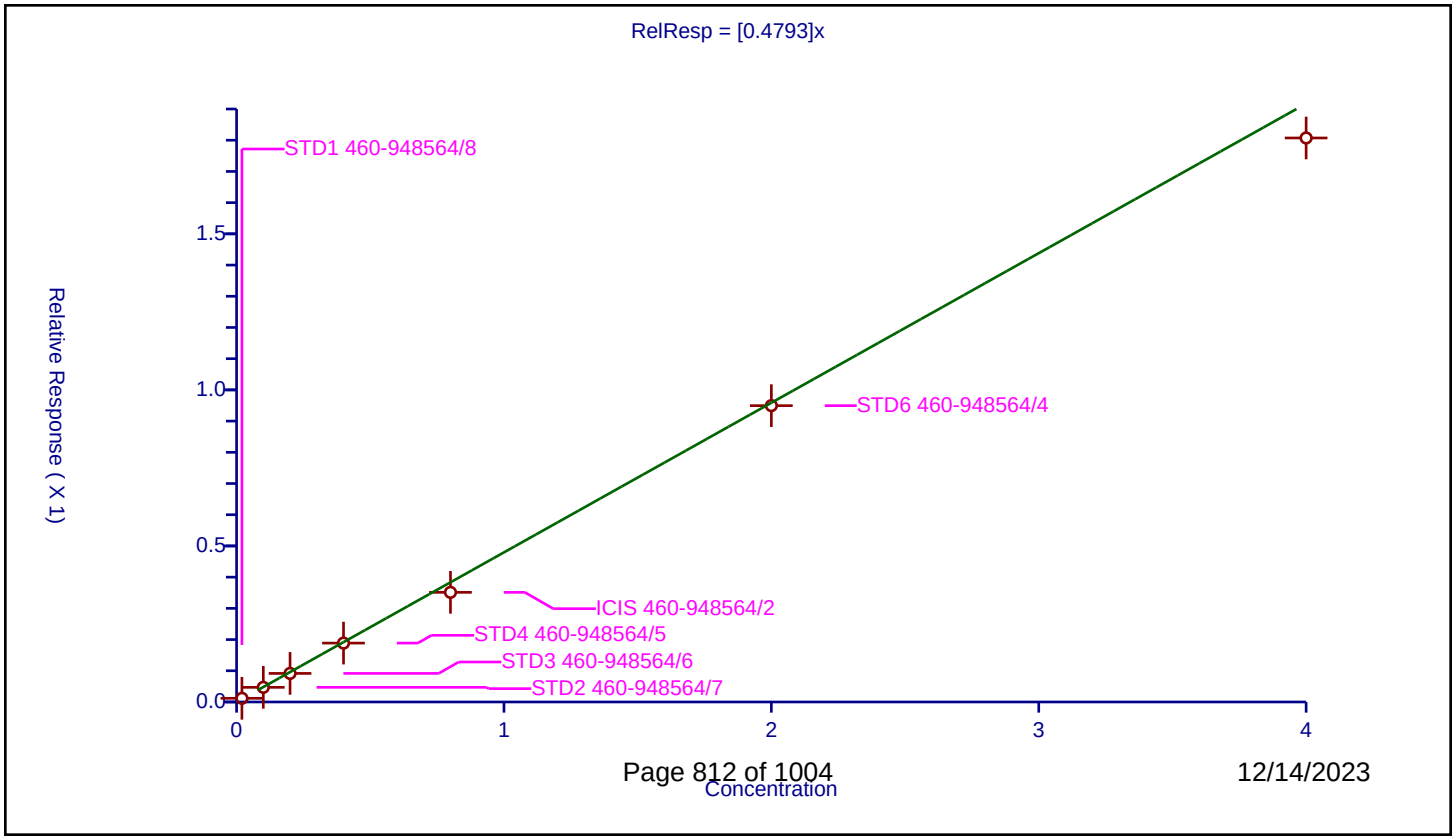
Curve Coefficients

Intercept:	0
Slope:	0.4793

Error Coefficients

Standard Error:	89500
Relative Standard Error:	10.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.02	0.01182	0.2	27158.0	0.590986	Y
2	STD2 460-948564/7	0.1	0.046911	0.2	27665.0	0.469113	Y
3	STD3 460-948564/6	0.2	0.091576	0.2	28313.0	0.457882	Y
4	STD4 460-948564/5	0.4	0.188673	0.2	25249.0	0.471682	Y
5	ICIS 460-948564/2	0.8	0.351266	0.2	25325.0	0.439082	Y
6	STD6 460-948564/4	2.0	0.949549	0.2	22382.0	0.474774	Y
7	STD7 460-948564/3	4.0	1.807224	0.2	20404.0	0.451806	Y



Calibration / N-Nitrosodimethylamine

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

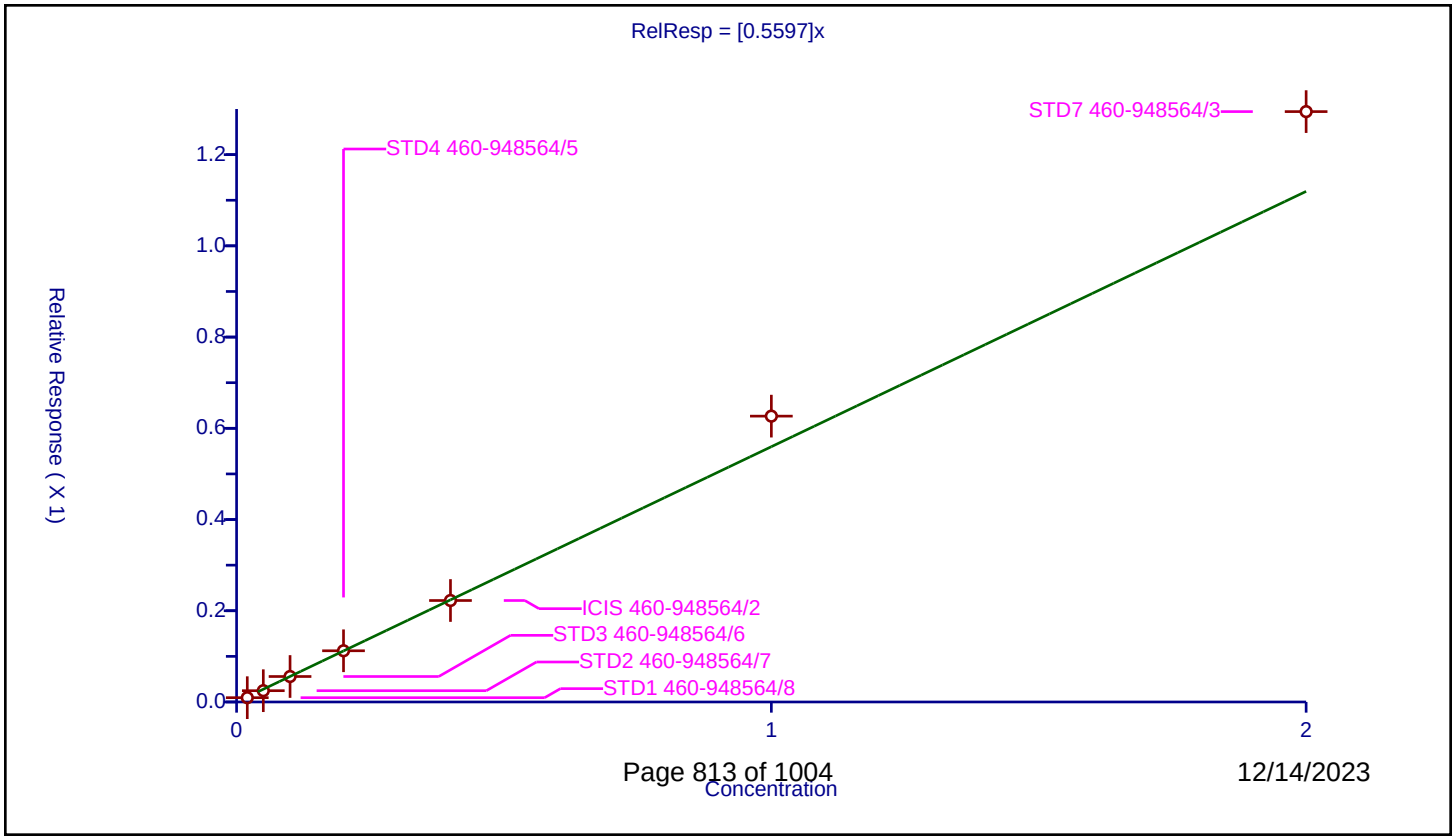
Curve Coefficients

Intercept:	0
Slope:	0.5597

Error Coefficients

Standard Error:	62500
Relative Standard Error:	11.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.02	0.009463	0.2	27158.0	0.473157	Y
2	STD2 460-948564/7	0.05	0.024732	0.2	27665.0	0.494632	Y
3	STD3 460-948564/6	0.1	0.055882	0.2	28313.0	0.558825	Y
4	STD4 460-948564/5	0.2	0.112274	0.2	25249.0	0.561369	Y
5	ICIS 460-948564/2	0.4	0.22246	0.2	25325.0	0.55615	Y
6	STD6 460-948564/4	1.0	0.626673	0.2	22382.0	0.626673	Y
7	STD7 460-948564/3	2.0	1.294305	0.2	20404.0	0.647153	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

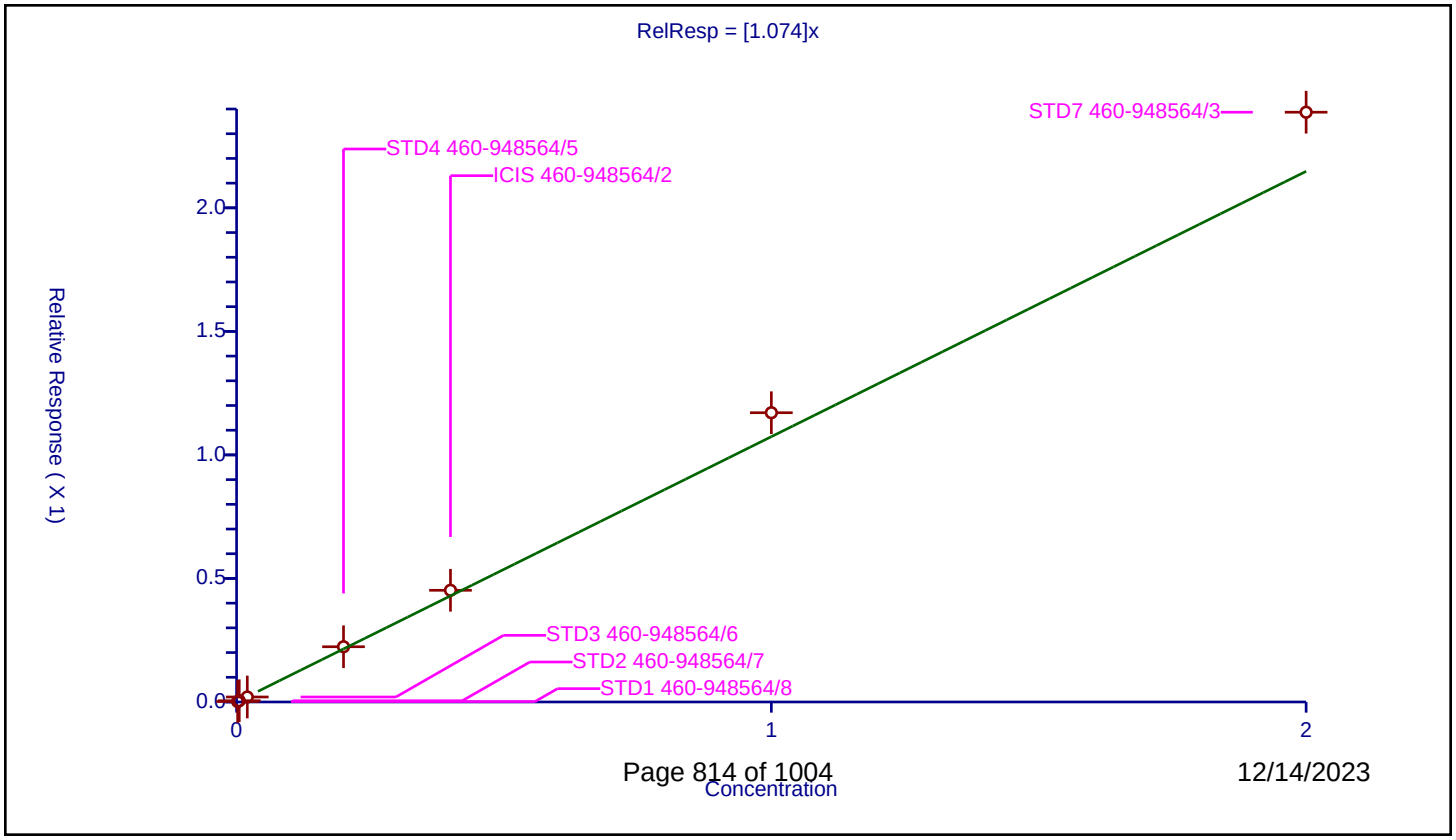
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	116000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.002	0.001767	0.2	27158.0	0.883718	Y
2	STD2 460-948564/7	0.005	0.005053	0.2	27665.0	1.010663	Y
3	STD3 460-948564/6	0.02	0.02021	0.2	28313.0	1.01049	Y
4	STD4 460-948564/5	0.2	0.223589	0.2	25249.0	1.117945	Y
5	ICIS 460-948564/2	0.4	0.452091	0.2	25325.0	1.130227	Y
6	STD6 460-948564/4	1.0	1.170762	0.2	22382.0	1.170762	Y
7	STD7 460-948564/3	2.0	2.387052	0.2	20404.0	1.193526	Y



Calibration / Nitrobenzene-d5

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

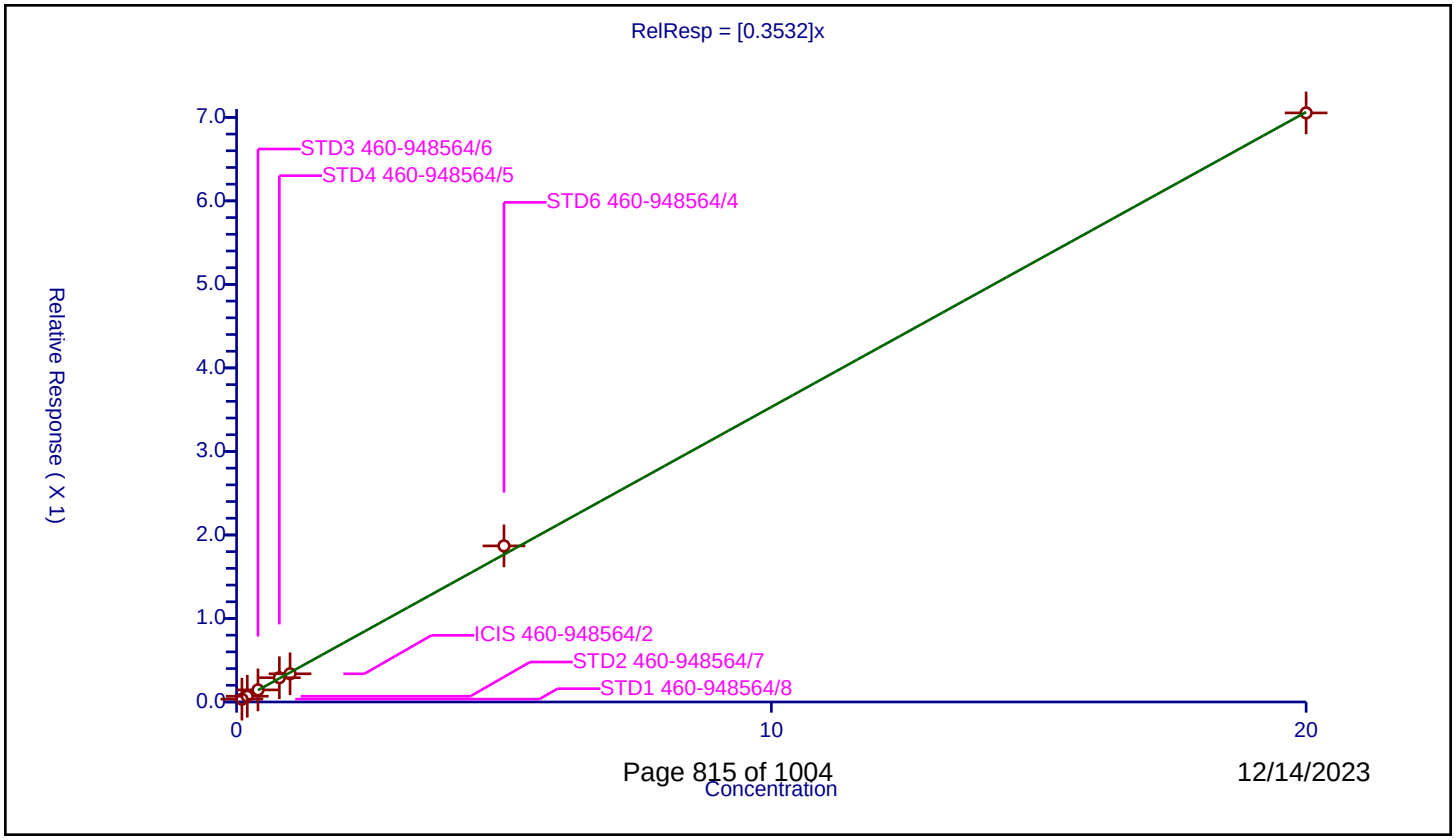
Curve Coefficients

Intercept:	0
Slope:	0.3532

Error Coefficients

Standard Error:	933000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.1	0.034008	0.2	83203.0	0.340084	Y
2	STD2 460-948564/7	0.2	0.068549	0.2	81232.0	0.342747	Y
3	STD3 460-948564/6	0.4	0.14478	0.2	84918.0	0.361949	Y
4	STD4 460-948564/5	0.8	0.290725	0.2	74165.0	0.363406	Y
5	ICIS 460-948564/2	1.0	0.337569	0.2	78756.0	0.337569	Y
6	STD6 460-948564/4	5.0	1.869117	0.2	66774.0	0.373823	Y
7	STD7 460-948564/3	20.0	7.053427	0.2	62100.0	0.352671	Y



Calibration / Naphthalene

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

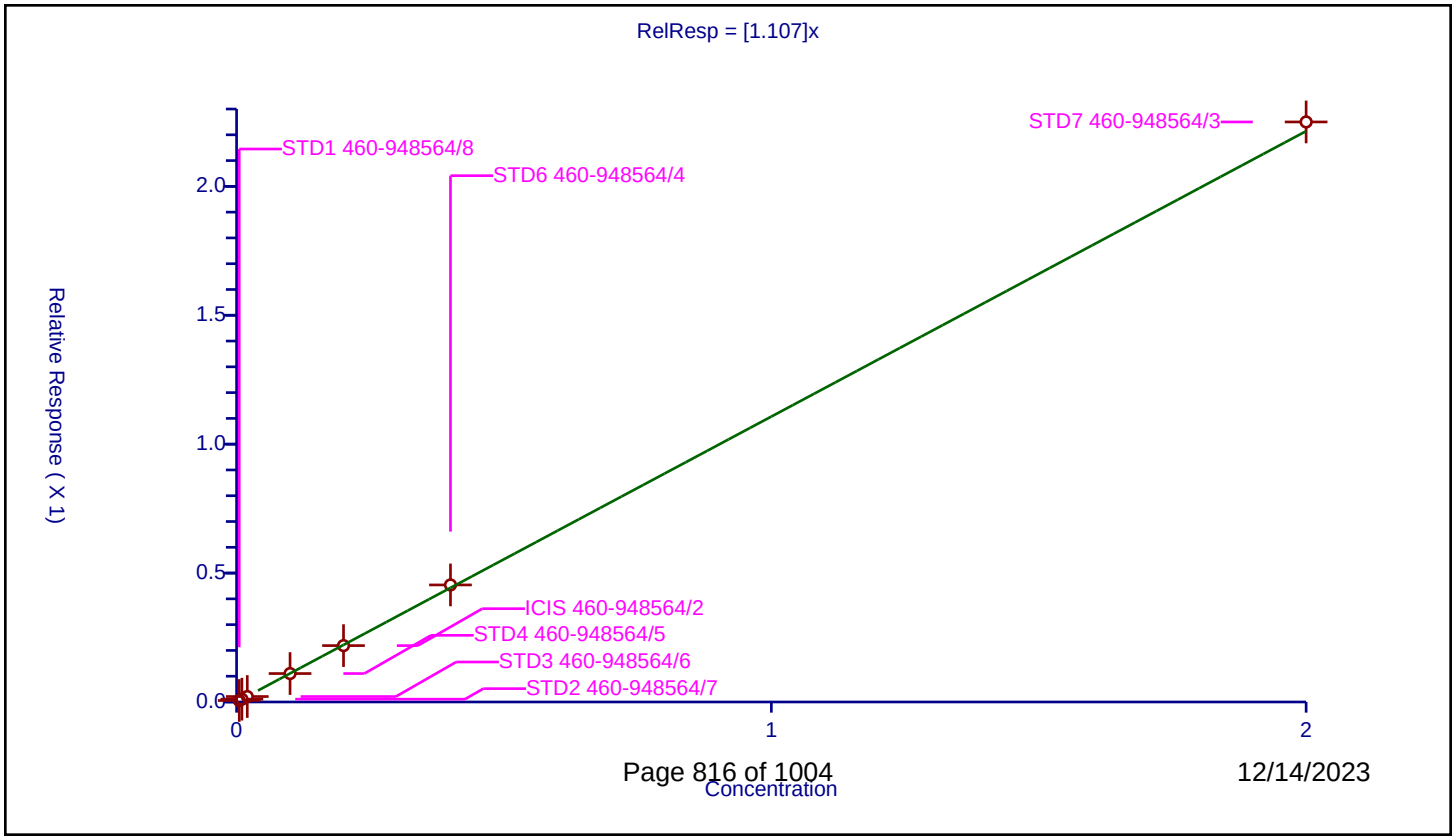
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Standard Error:	294000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.005714	0.2	83203.0	1.142747	Y
2	STD2 460-948564/7	0.01	0.010924	0.2	81232.0	1.092427	Y
3	STD3 460-948564/6	0.02	0.021159	0.2	84918.0	1.057962	Y
4	STD4 460-948564/5	0.1	0.110308	0.2	74165.0	1.103081	Y
5	ICIS 460-948564/2	0.2	0.218691	0.2	78756.0	1.093453	Y
6	STD6 460-948564/4	0.4	0.454009	0.2	66774.0	1.135023	Y
7	STD7 460-948564/3	2.0	2.24982	0.2	62100.0	1.12491	Y



Calibration / 2-Fluorobiphenyl

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

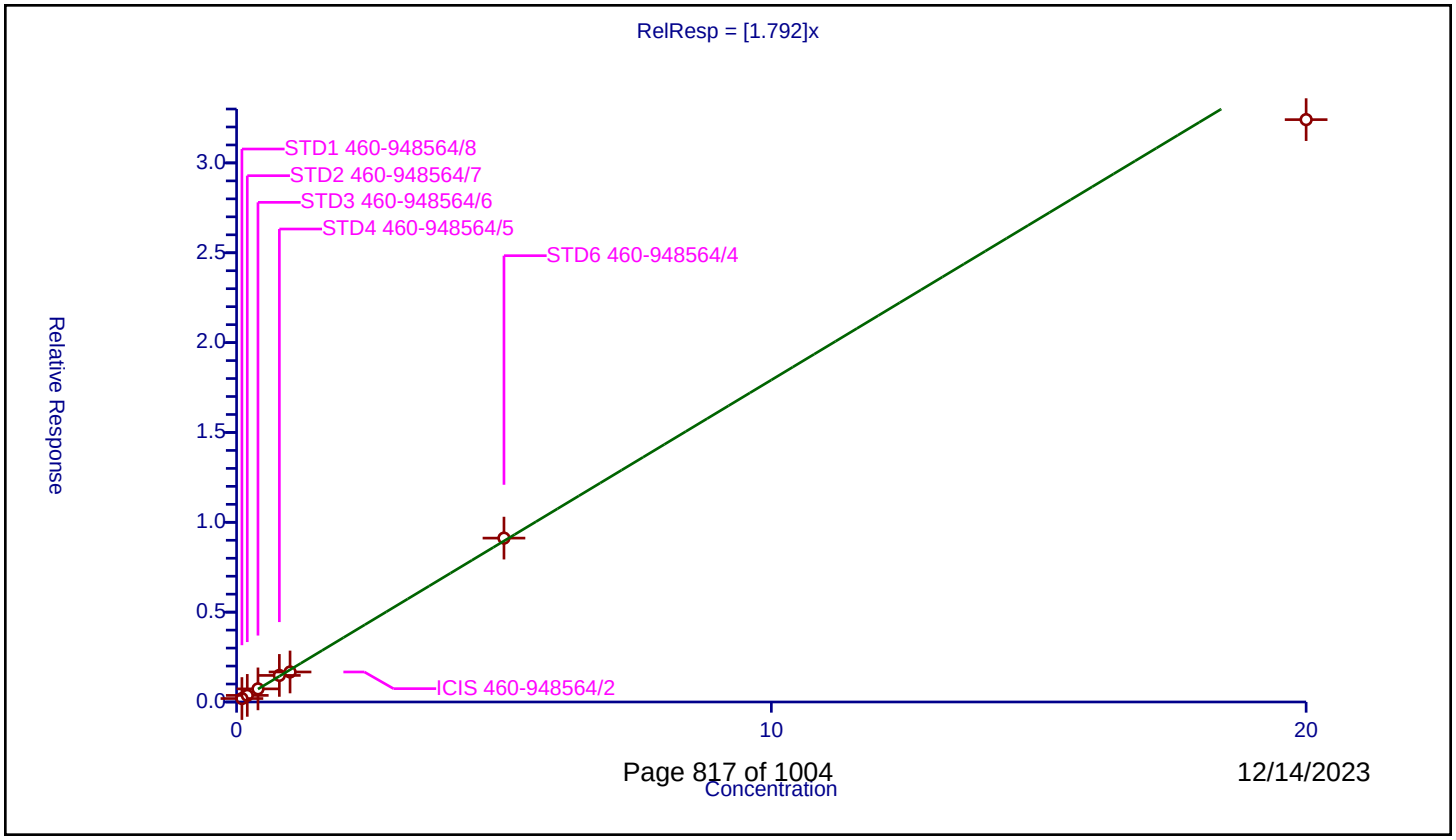
Curve Coefficients

Intercept:	0
Slope:	1.792

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.1	0.191871	0.2	34471.0	1.918714	Y
2	STD2 460-948564/7	0.2	0.36793	0.2	33340.0	1.839652	Y
3	STD3 460-948564/6	0.4	0.728823	0.2	36523.0	1.822057	Y
4	STD4 460-948564/5	0.8	1.479176	0.2	30815.0	1.84897	Y
5	ICIS 460-948564/2	1.0	1.670476	0.2	35720.0	1.670476	Y
6	STD6 460-948564/4	5.0	9.120634	0.2	27833.0	1.824127	Y
7	STD7 460-948564/3	20.0	32.409996	0.2	25709.0	1.6205	Y



Calibration / Acenaphthylene

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

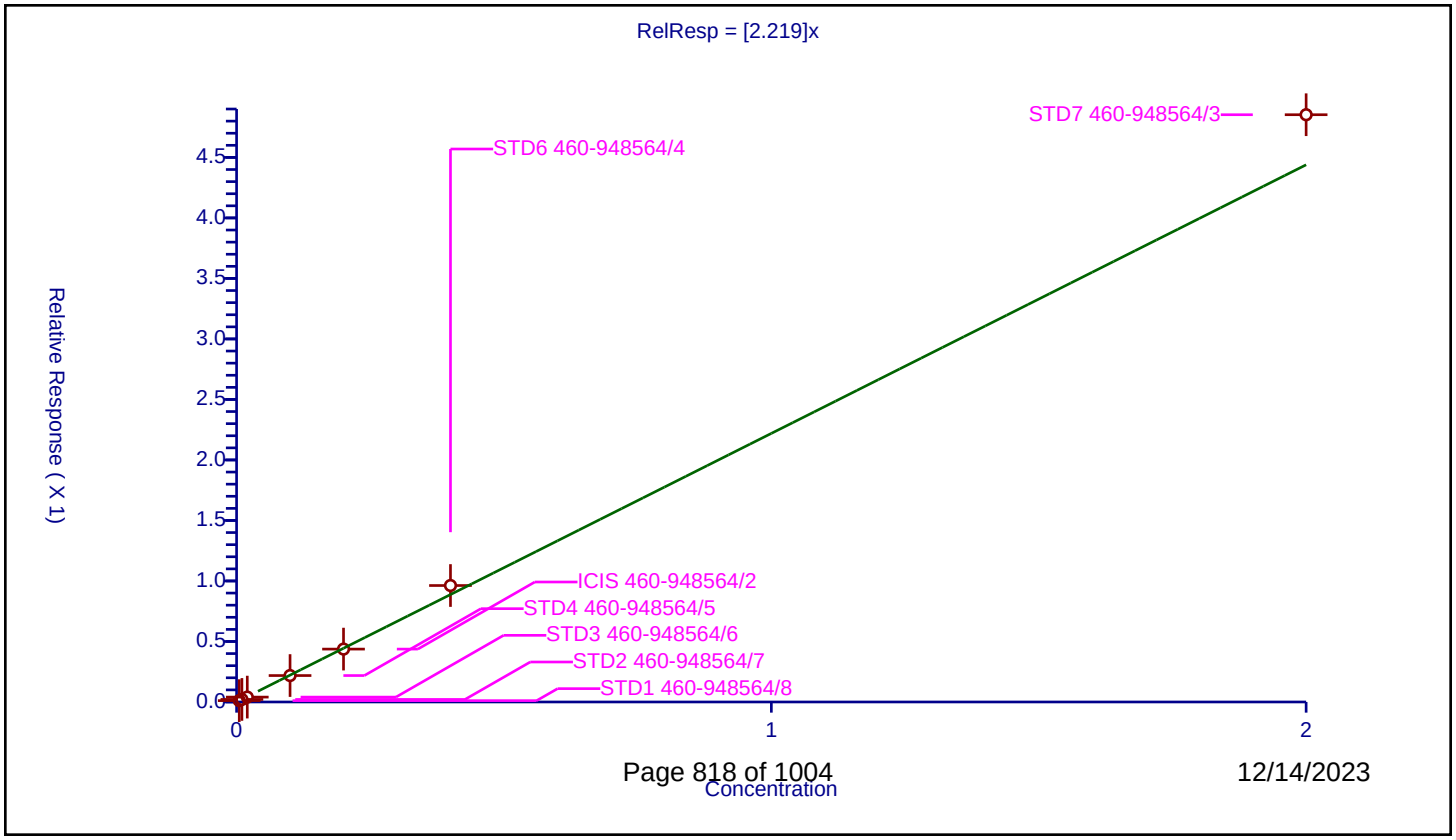
Curve Coefficients

Intercept:	0
Slope:	2.219

Error Coefficients

Standard Error:	263000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.011035	0.2	34471.0	2.207073	Y
2	STD2 460-948564/7	0.01	0.021002	0.2	33340.0	2.10018	Y
3	STD3 460-948564/6	0.02	0.040501	0.2	36523.0	2.025025	Y
4	STD4 460-948564/5	0.1	0.218595	0.2	30815.0	2.185948	Y
5	ICIS 460-948564/2	0.2	0.437077	0.2	35720.0	2.185386	Y
6	STD6 460-948564/4	0.4	0.962505	0.2	27833.0	2.406262	Y
7	STD7 460-948564/3	2.0	4.852869	0.2	25709.0	2.426434	Y



Calibration / Acenaphthene

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

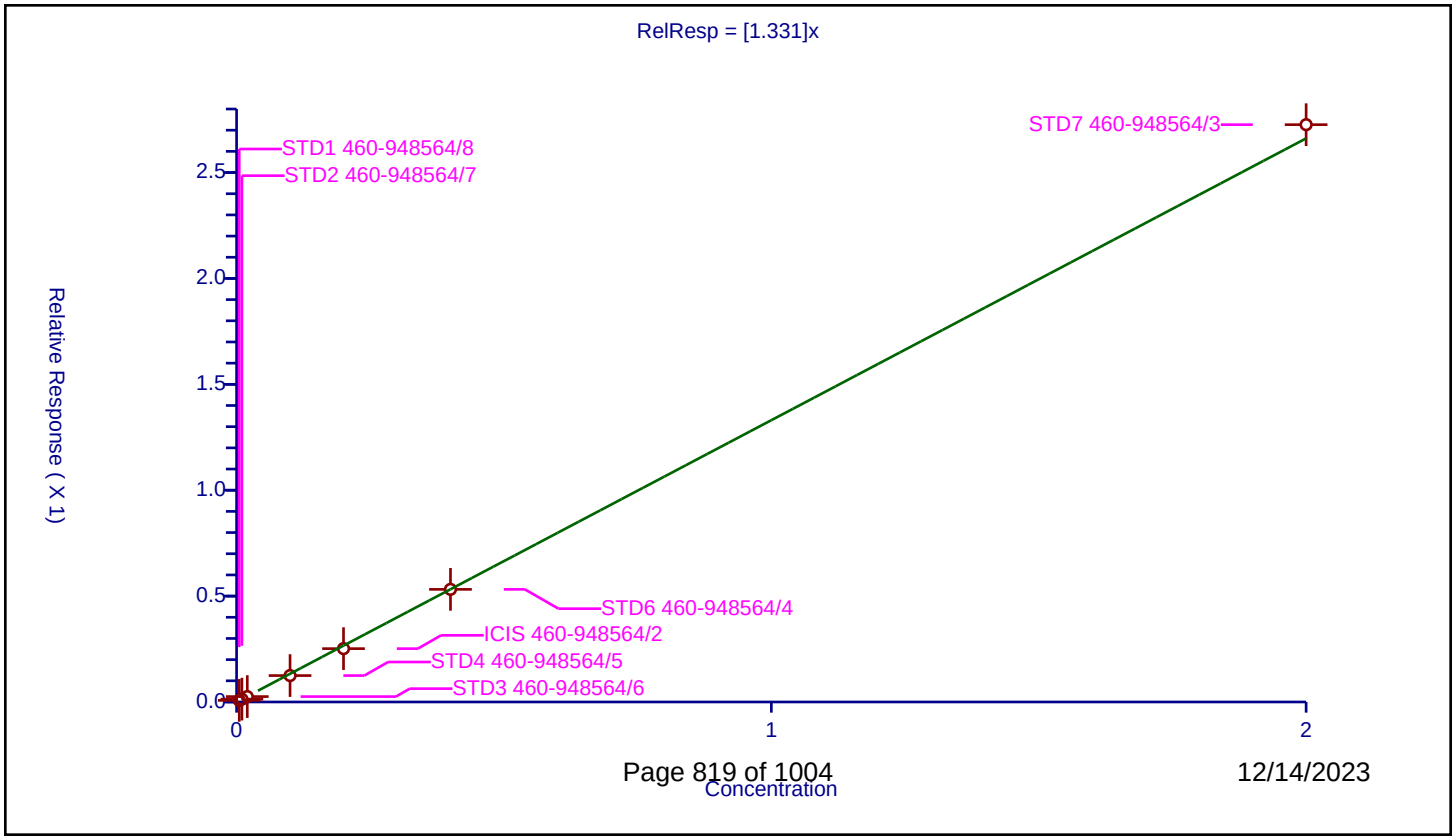
Curve Coefficients

Intercept:	0
Slope:	1.331

Error Coefficients

Standard Error:	148000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.007496	0.2	34471.0	1.499231	Y
2	STD2 460-948564/7	0.01	0.013413	0.2	33340.0	1.341332	Y
3	STD3 460-948564/6	0.02	0.025496	0.2	36523.0	1.274813	Y
4	STD4 460-948564/5	0.1	0.12466	0.2	30815.0	1.246601	Y
5	ICIS 460-948564/2	0.2	0.251926	0.2	35720.0	1.25963	Y
6	STD6 460-948564/4	0.4	0.531865	0.2	27833.0	1.329663	Y
7	STD7 460-948564/3	2.0	2.726119	0.2	25709.0	1.36306	Y



Calibration / Fluorene

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

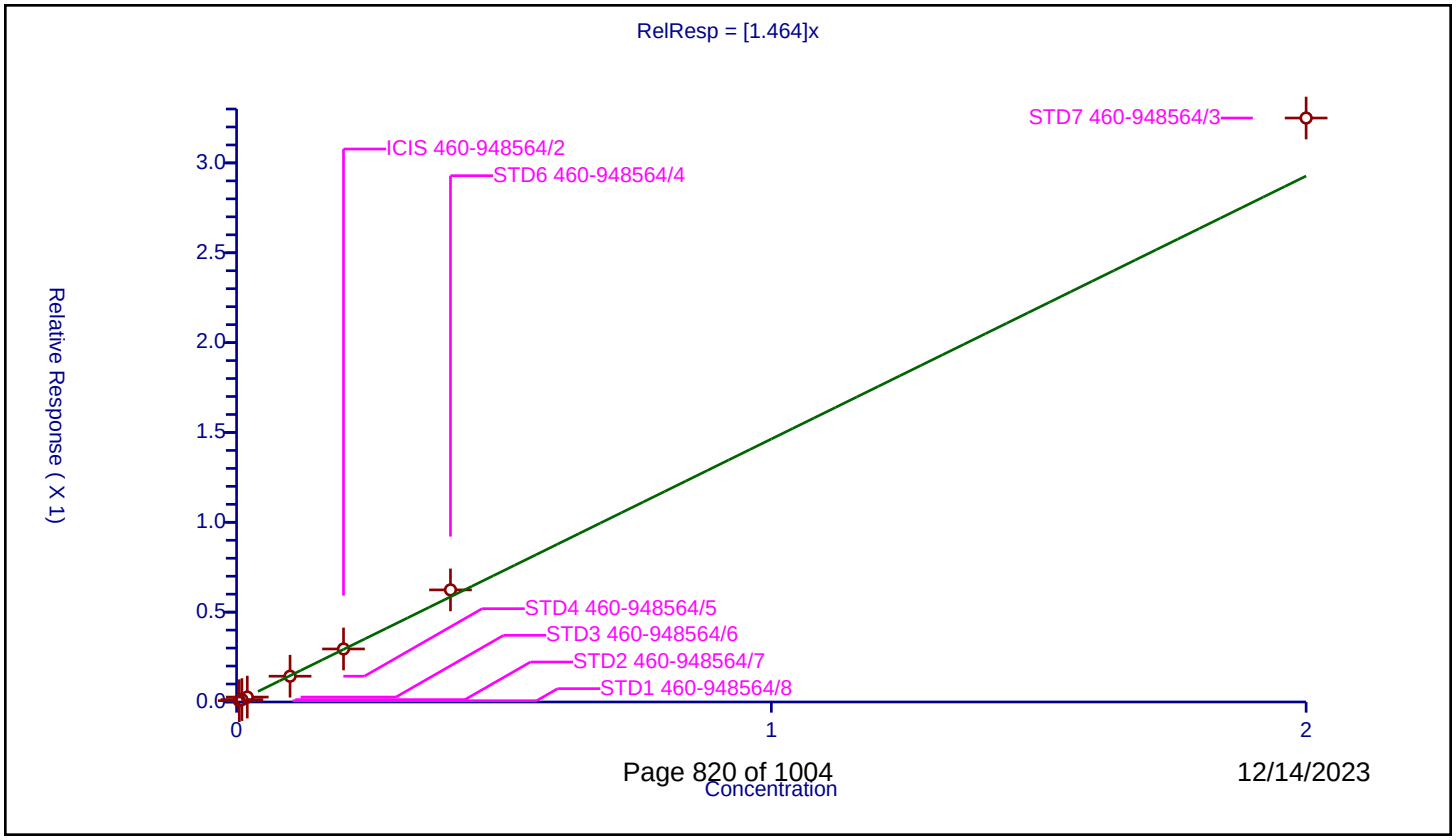
Curve Coefficients

Intercept:	0
Slope:	1.464

Error Coefficients

Standard Error:	176000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.007258	0.2	34471.0	1.451655	Y
2	STD2 460-948564/7	0.01	0.013317	0.2	33340.0	1.331734	Y
3	STD3 460-948564/6	0.02	0.027331	0.2	36523.0	1.366536	Y
4	STD4 460-948564/5	0.1	0.143502	0.2	30815.0	1.435015	Y
5	ICIS 460-948564/2	0.2	0.295174	0.2	35720.0	1.475868	Y
6	STD6 460-948564/4	0.4	0.623763	0.2	27833.0	1.559408	Y
7	STD7 460-948564/3	2.0	3.249881	0.2	25709.0	1.624941	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

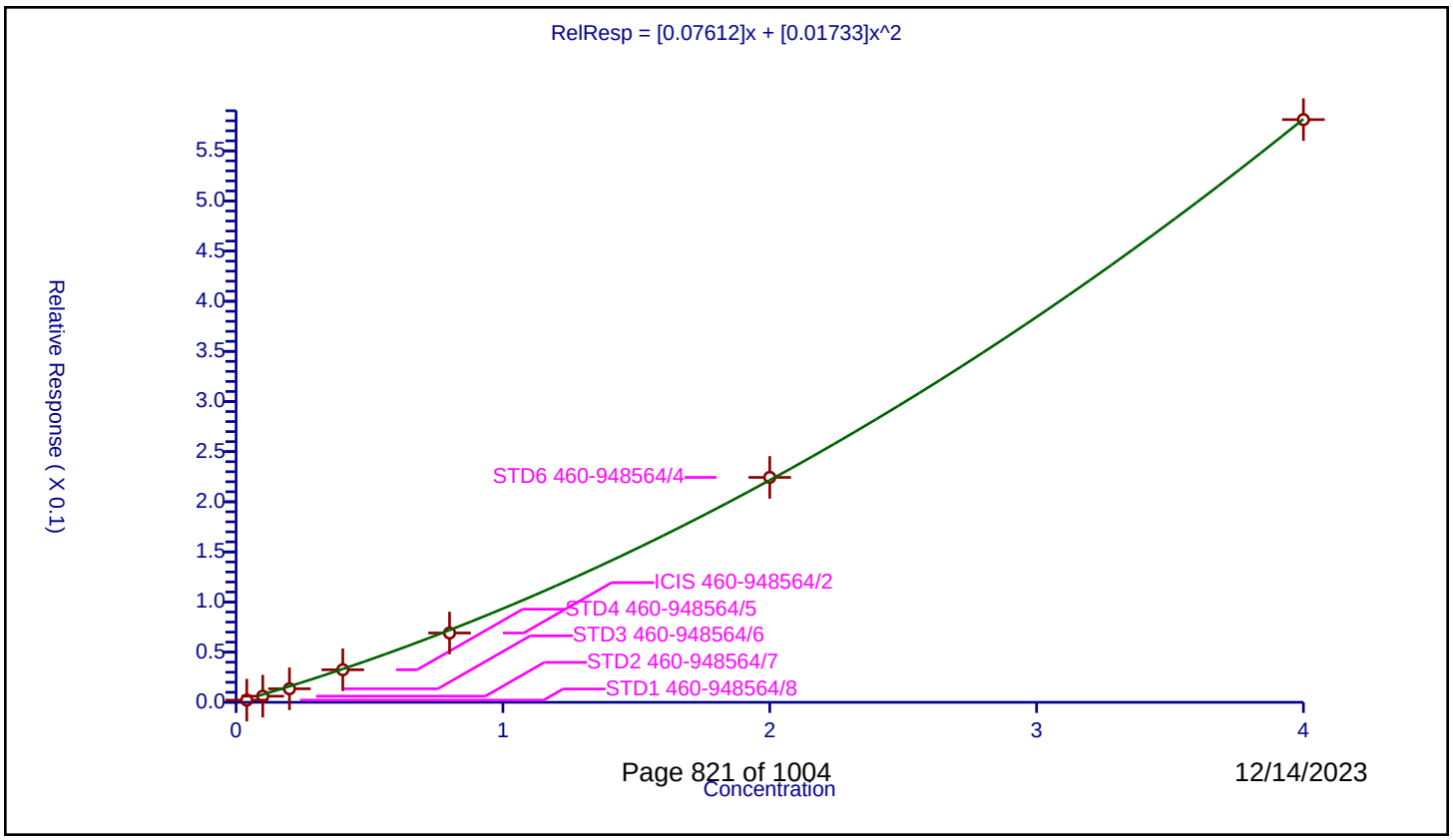
Curve Coefficients

Intercept:	0
Slope:	0.07612
Second Order:	0.01733

Error Coefficients

Standard Error:	59200
Relative Standard Error:	17.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.04	0.002184	0.2	52845.0	0.054594	Y
2	STD2 460-948564/7	0.1	0.006123	0.2	50168.0	0.061234	Y
3	STD3 460-948564/6	0.2	0.013496	0.2	56758.0	0.067479	Y
4	STD4 460-948564/5	0.4	0.032452	0.2	47109.0	0.081131	Y
5	ICIS 460-948564/2	0.8	0.069142	0.2	59958.0	0.086427	Y
6	STD6 460-948564/4	2.0	0.224311	0.2	45445.0	0.112155	Y
7	STD7 460-948564/3	4.0	0.581162	0.2	41364.0	0.145291	Y



Calibration / 2,4,6-Tribromophenol

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

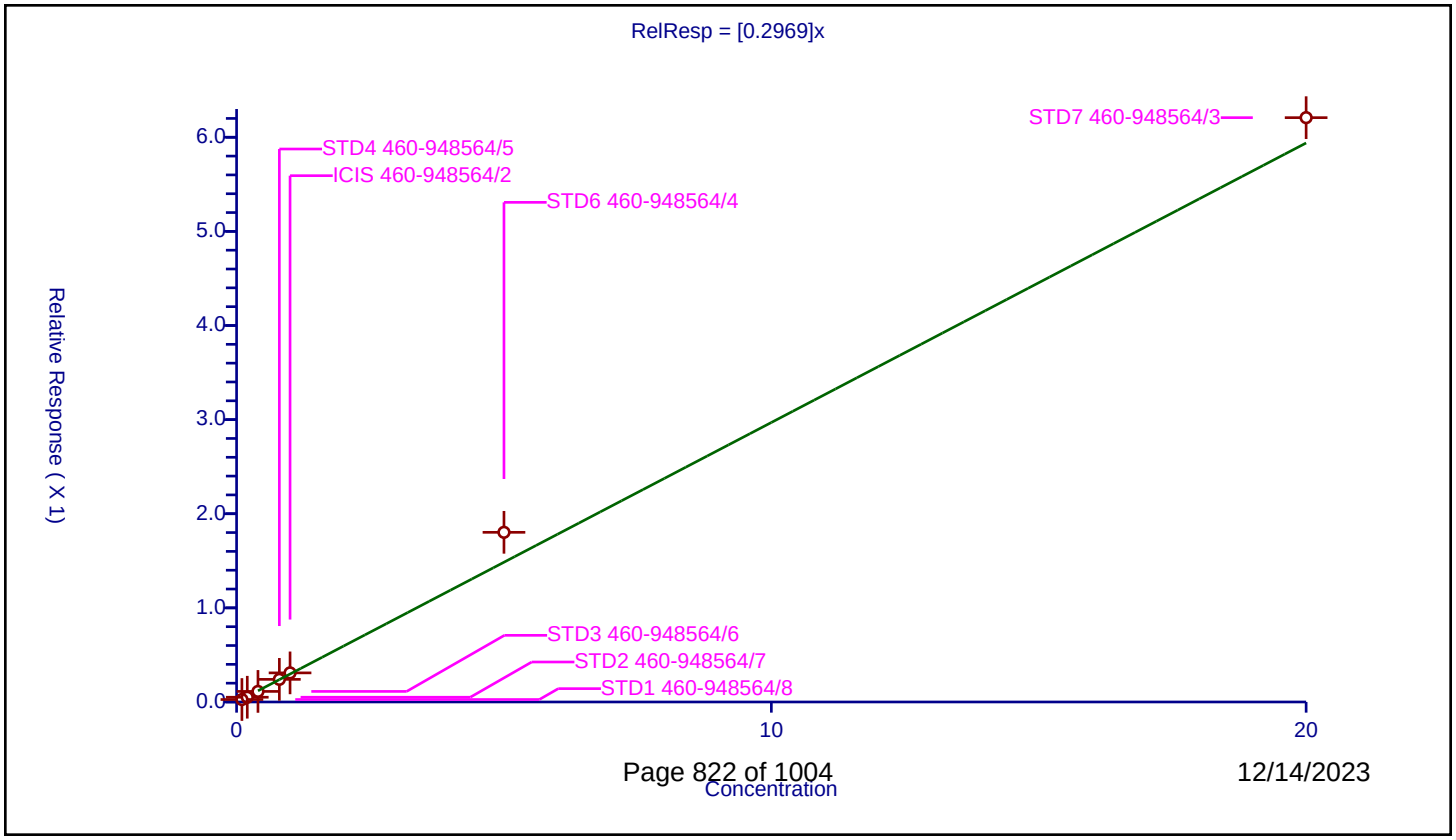
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Standard Error:	343000
Relative Standard Error:	12.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.1	0.026341	0.2	34471.0	0.26341	Y
2	STD2 460-948564/7	0.2	0.05066	0.2	33340.0	0.253299	Y
3	STD3 460-948564/6	0.4	0.112472	0.2	36523.0	0.281179	Y
4	STD4 460-948564/5	0.8	0.240532	0.2	30815.0	0.300665	Y
5	ICIS 460-948564/2	1.0	0.309143	0.2	35720.0	0.309143	Y
6	STD6 460-948564/4	5.0	1.802659	0.2	27833.0	0.360532	Y
7	STD7 460-948564/3	20.0	6.208324	0.2	25709.0	0.310416	Y



Calibration / Hexachlorobenzene

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

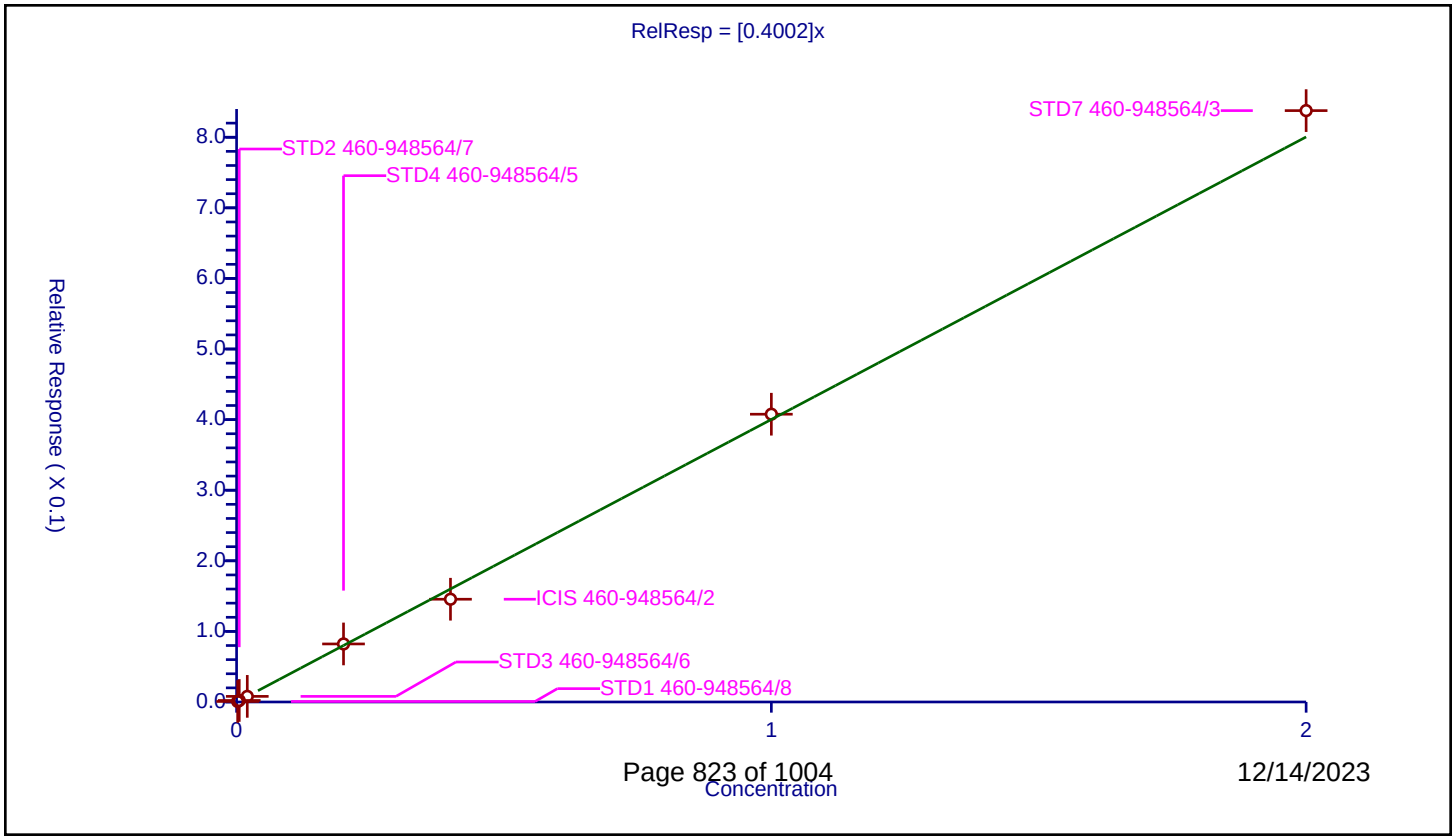
Curve Coefficients

Intercept:	0
Slope:	0.4002

Error Coefficients

Standard Error:	82500
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.002	0.000753	0.2	52845.0	0.376573	Y
2	STD2 460-948564/7	0.005	0.002129	0.2	50168.0	0.425769	Y
3	STD3 460-948564/6	0.02	0.007953	0.2	56758.0	0.397653	Y
4	STD4 460-948564/5	0.2	0.082214	0.2	47109.0	0.411068	Y
5	ICIS 460-948564/2	0.4	0.145572	0.2	59958.0	0.36393	Y
6	STD6 460-948564/4	1.0	0.407653	0.2	45445.0	0.407653	Y
7	STD7 460-948564/3	2.0	0.837724	0.2	41364.0	0.418862	Y



Calibration / Pentachlorophenol

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

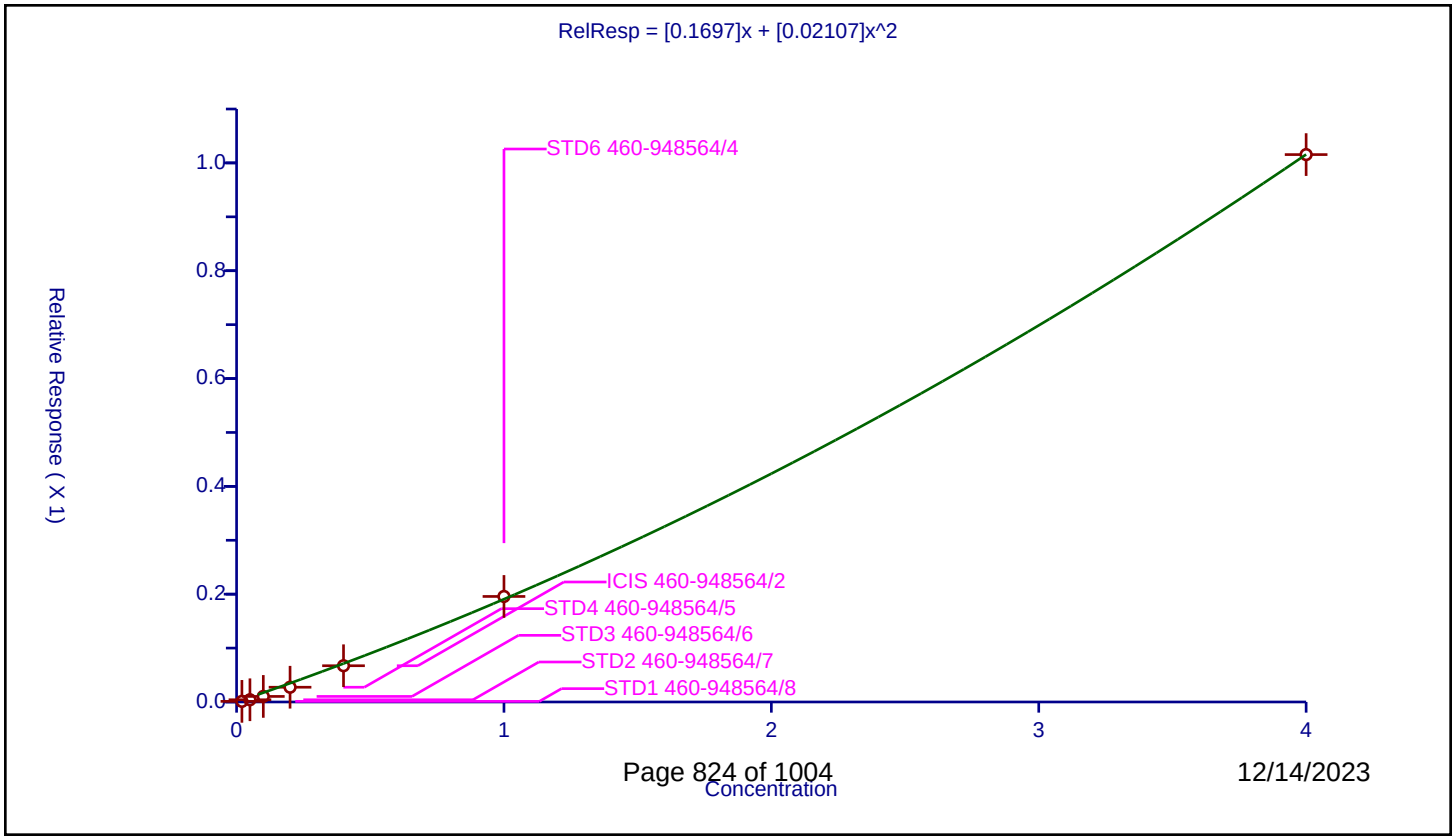
Curve Coefficients

Intercept:	0
Slope:	0.1697
Second Order:	0.02107

Error Coefficients

Standard Error:	96500
Relative Standard Error:	42.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.02	0.001169	0.2	52845.0	0.058473	Y
2	STD2 460-948564/7	0.05	0.004154	0.2	50168.0	0.083081	Y
3	STD3 460-948564/6	0.1	0.010317	0.2	56758.0	0.103175	Y
4	STD4 460-948564/5	0.2	0.027362	0.2	47109.0	0.13681	Y
5	ICIS 460-948564/2	0.4	0.067237	0.2	59958.0	0.168093	Y
6	STD6 460-948564/4	1.0	0.195762	0.2	45445.0	0.195762	Y
7	STD7 460-948564/3	4.0	1.015439	0.2	41364.0	0.25386	Y



Calibration / Phenanthrene

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

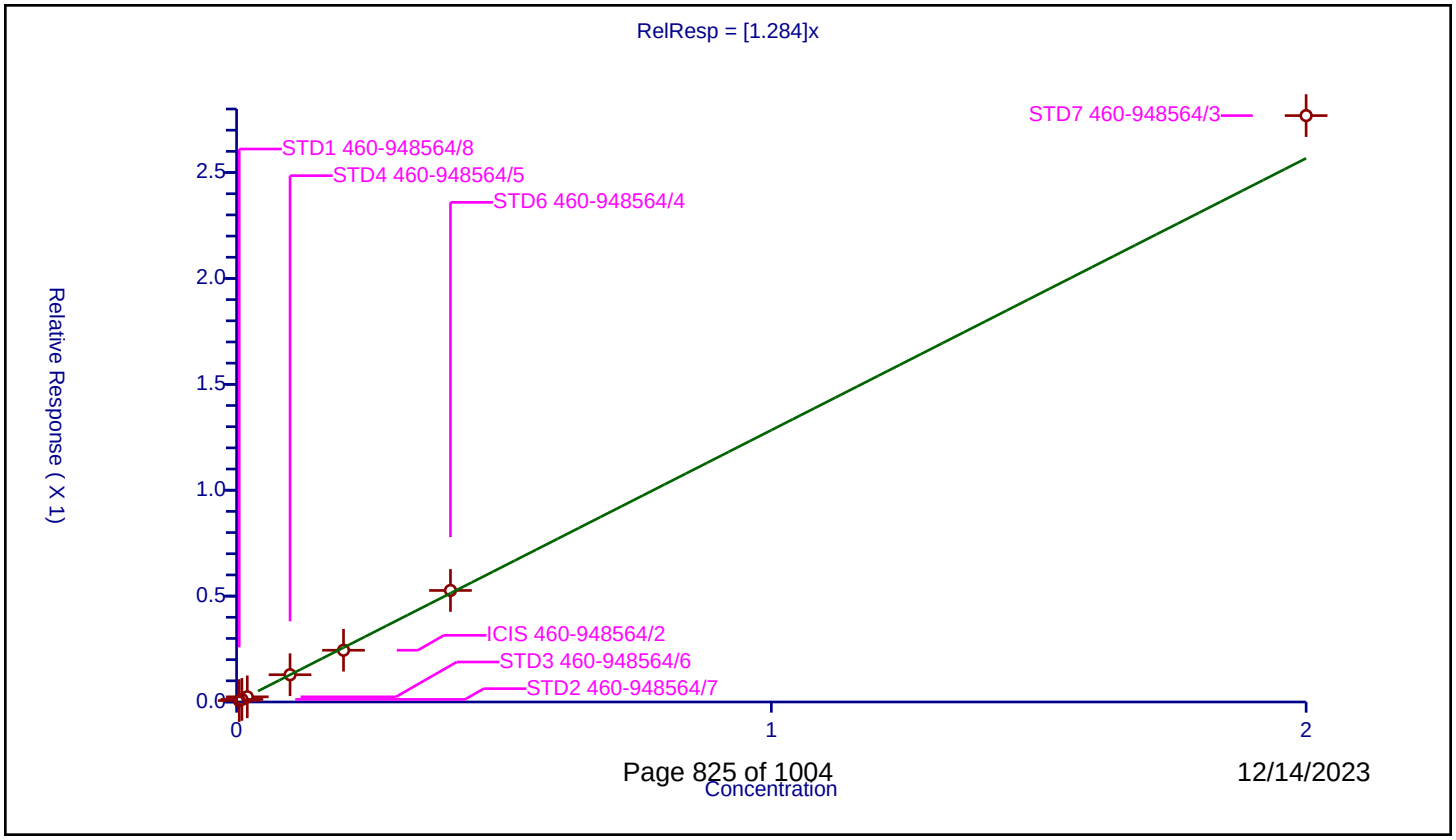
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	241000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.006695	0.2	52845.0	1.33901	Y
2	STD2 460-948564/7	0.01	0.012211	0.2	50168.0	1.221097	Y
3	STD3 460-948564/6	0.02	0.024307	0.2	56758.0	1.215335	Y
4	STD4 460-948564/5	0.1	0.128714	0.2	47109.0	1.287143	Y
5	ICIS 460-948564/2	0.2	0.244388	0.2	59958.0	1.221939	Y
6	STD6 460-948564/4	0.4	0.526619	0.2	45445.0	1.316547	Y
7	STD7 460-948564/3	2.0	2.76892	0.2	41364.0	1.38446	Y



Calibration / Anthracene

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

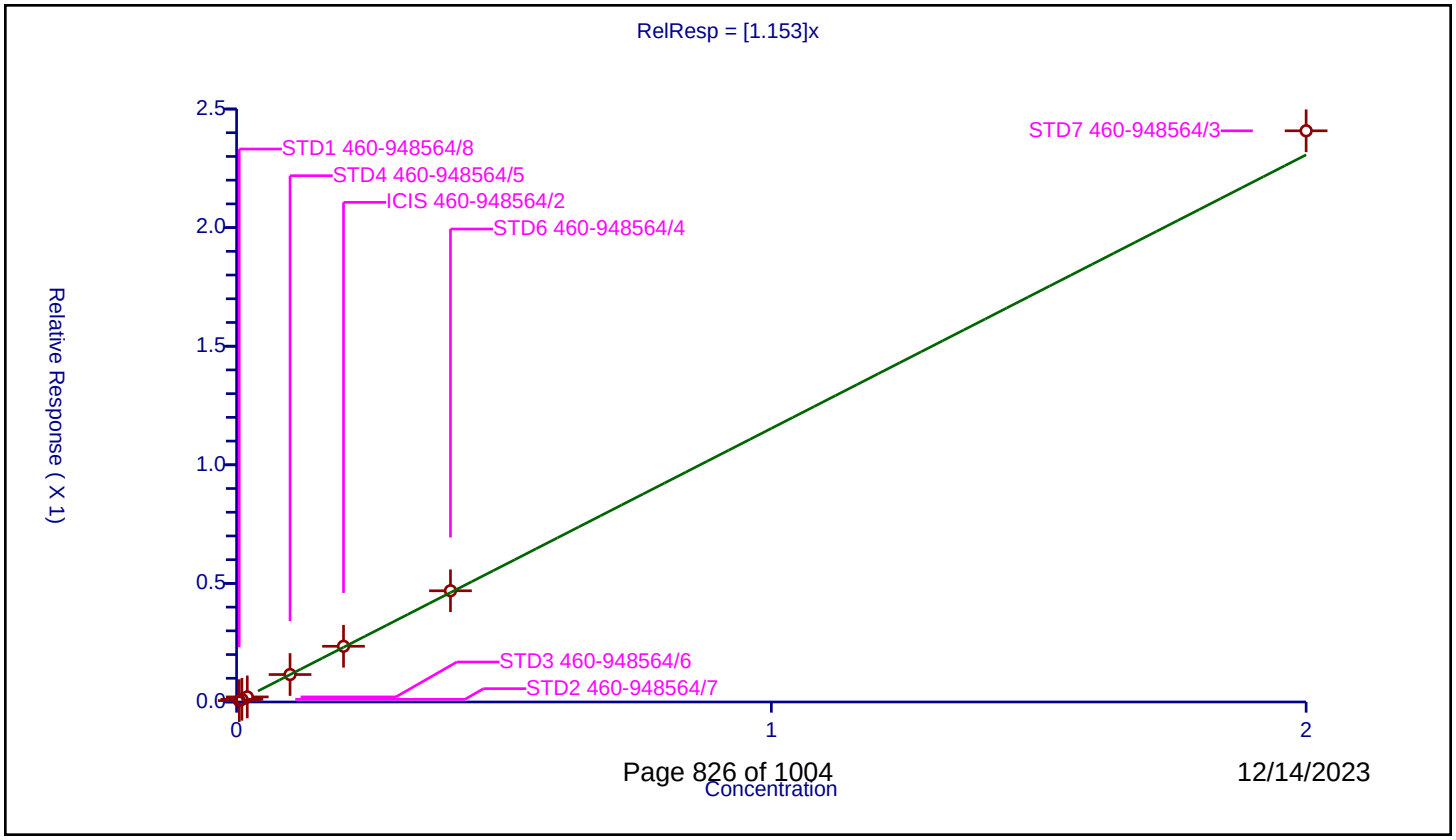
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	210000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.005802	0.2	52845.0	1.160375	Y
2	STD2 460-948564/7	0.01	0.011338	0.2	50168.0	1.13379	Y
3	STD3 460-948564/6	0.02	0.021431	0.2	56758.0	1.071567	Y
4	STD4 460-948564/5	0.1	0.115727	0.2	47109.0	1.157274	Y
5	ICIS 460-948564/2	0.2	0.234921	0.2	59958.0	1.174606	Y
6	STD6 460-948564/4	0.4	0.468918	0.2	45445.0	1.172296	Y
7	STD7 460-948564/3	2.0	2.408128	0.2	41364.0	1.204064	Y



Calibration / Fluoranthene

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

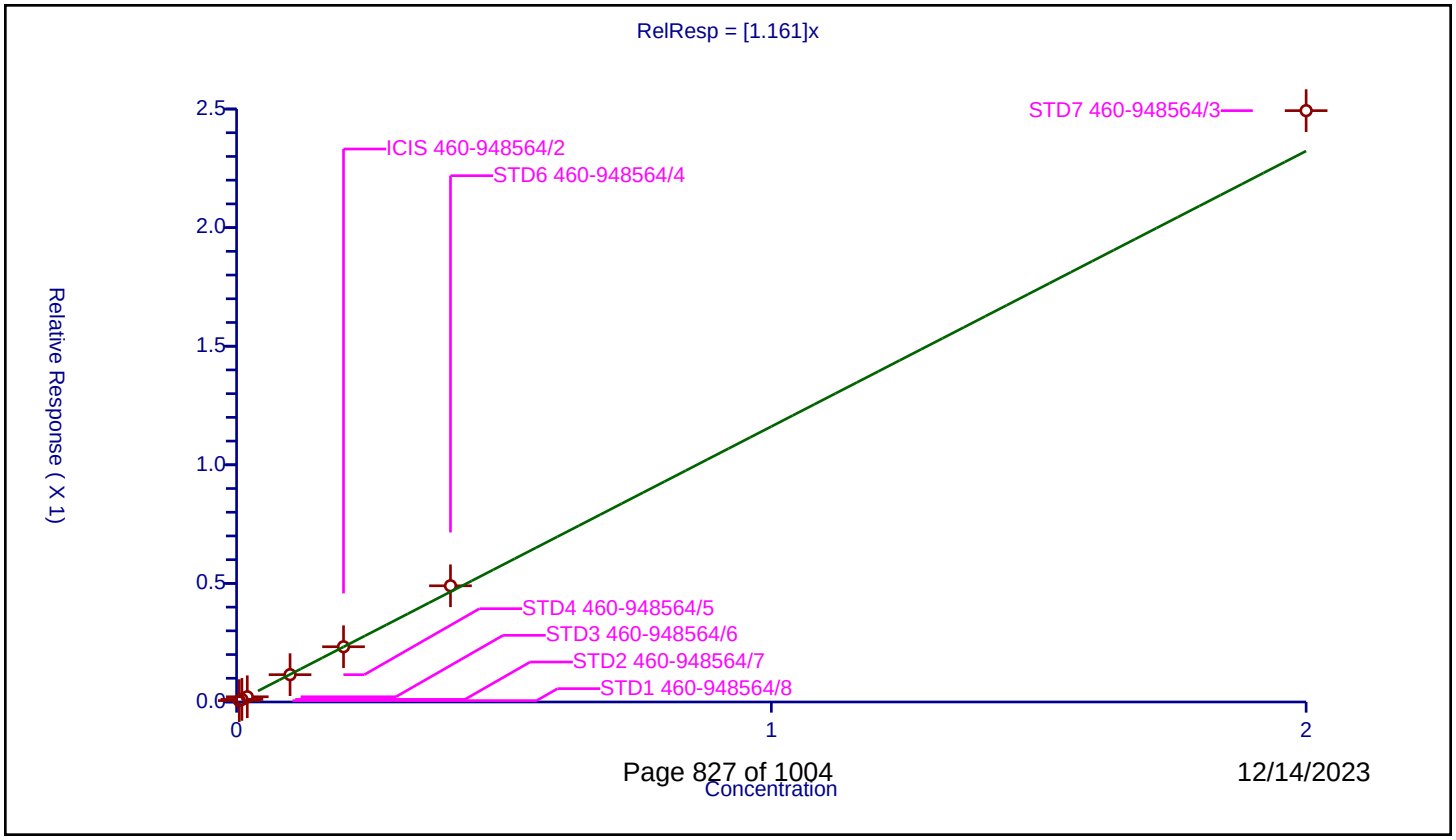
Curve Coefficients

Intercept:	0
Slope:	1.161

Error Coefficients

Standard Error:	218000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.005741	0.2	52845.0	1.148264	Y
2	STD2 460-948564/7	0.01	0.010963	0.2	50168.0	1.096316	Y
3	STD3 460-948564/6	0.02	0.021974	0.2	56758.0	1.0987	Y
4	STD4 460-948564/5	0.1	0.115137	0.2	47109.0	1.151372	Y
5	ICIS 460-948564/2	0.2	0.232886	0.2	59958.0	1.164432	Y
6	STD6 460-948564/4	0.4	0.489854	0.2	45445.0	1.224634	Y
7	STD7 460-948564/3	2.0	2.493129	0.2	41364.0	1.246565	Y



Calibration / Pyrene

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

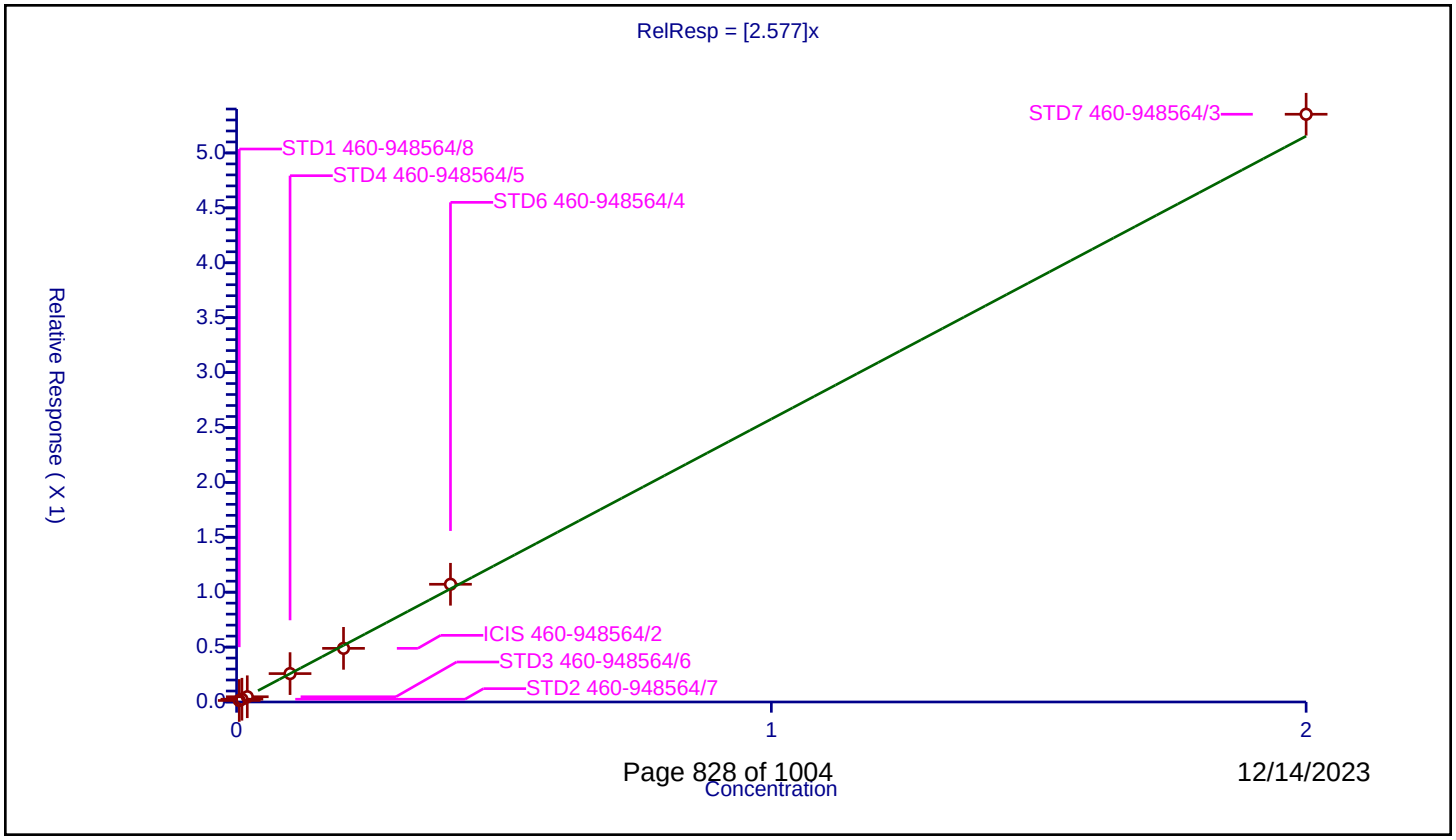
Curve Coefficients

Intercept:	0
Slope:	2.577

Error Coefficients

Standard Error:	217000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.013809	0.2	22783.0	2.761708	Y
2	STD2 460-948564/7	0.01	0.025023	0.2	21644.0	2.50231	Y
3	STD3 460-948564/6	0.02	0.047783	0.2	26009.0	2.389173	Y
4	STD4 460-948564/5	0.1	0.258524	0.2	21246.0	2.58524	Y
5	ICIS 460-948564/2	0.2	0.488368	0.2	28818.0	2.441842	Y
6	STD6 460-948564/4	0.4	1.072149	0.2	20990.0	2.680372	Y
7	STD7 460-948564/3	2.0	5.352437	0.2	19246.0	2.676218	Y



Calibration / Benzo[a]anthracene

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

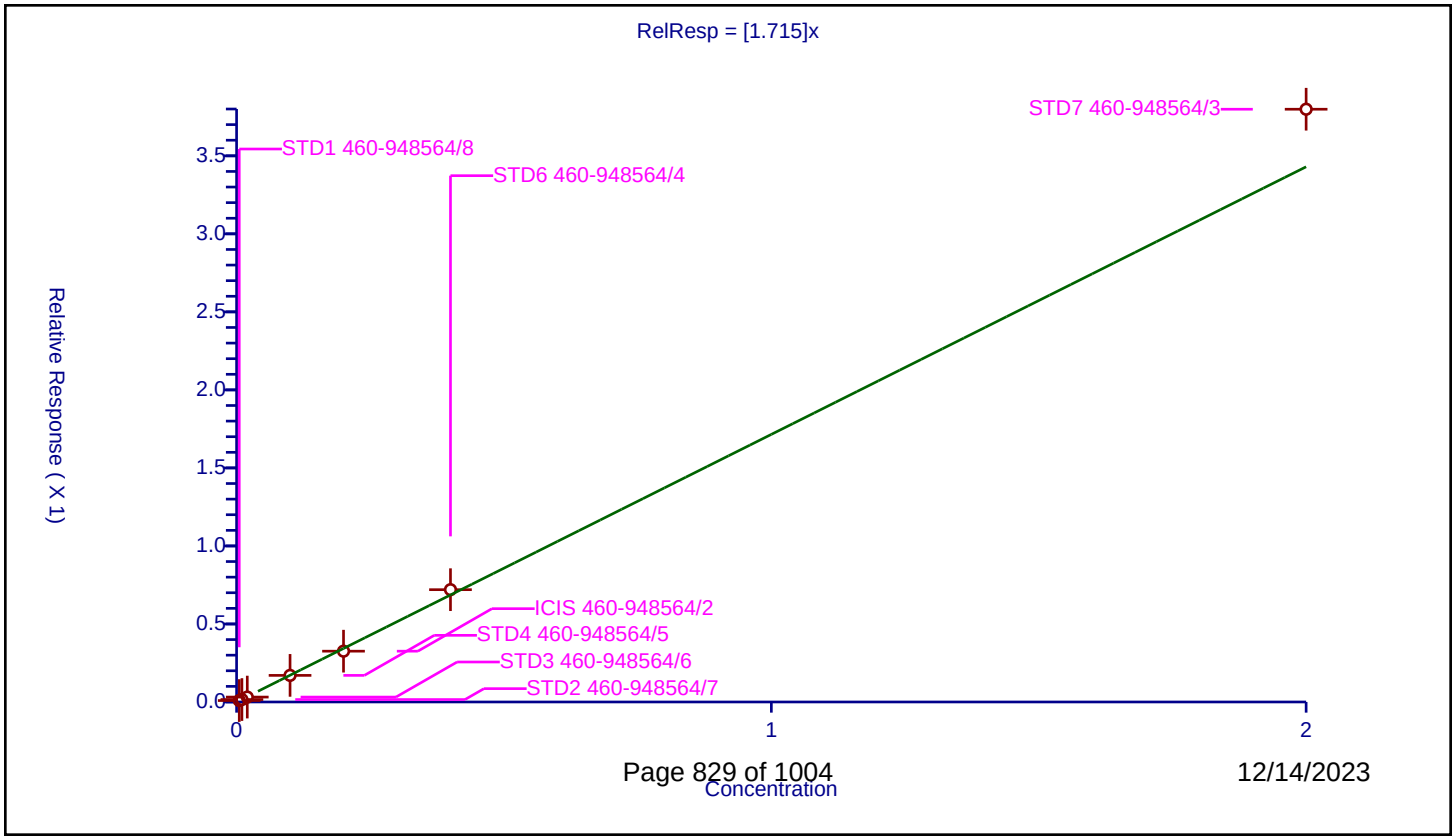
Curve Coefficients

Intercept:	0
Slope:	1.715

Error Coefficients

Standard Error:	154000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.009156	0.2	22783.0	1.83119	Y
2	STD2 460-948564/7	0.01	0.015644	0.2	21644.0	1.564406	Y
3	STD3 460-948564/6	0.02	0.031528	0.2	26009.0	1.576377	Y
4	STD4 460-948564/5	0.1	0.170489	0.2	21246.0	1.704886	Y
5	ICIS 460-948564/2	0.2	0.325706	0.2	28818.0	1.628531	Y
6	STD6 460-948564/4	0.4	0.719771	0.2	20990.0	1.799428	Y
7	STD7 460-948564/3	2.0	3.798711	0.2	19246.0	1.899356	Y



Calibration / Chrysene

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

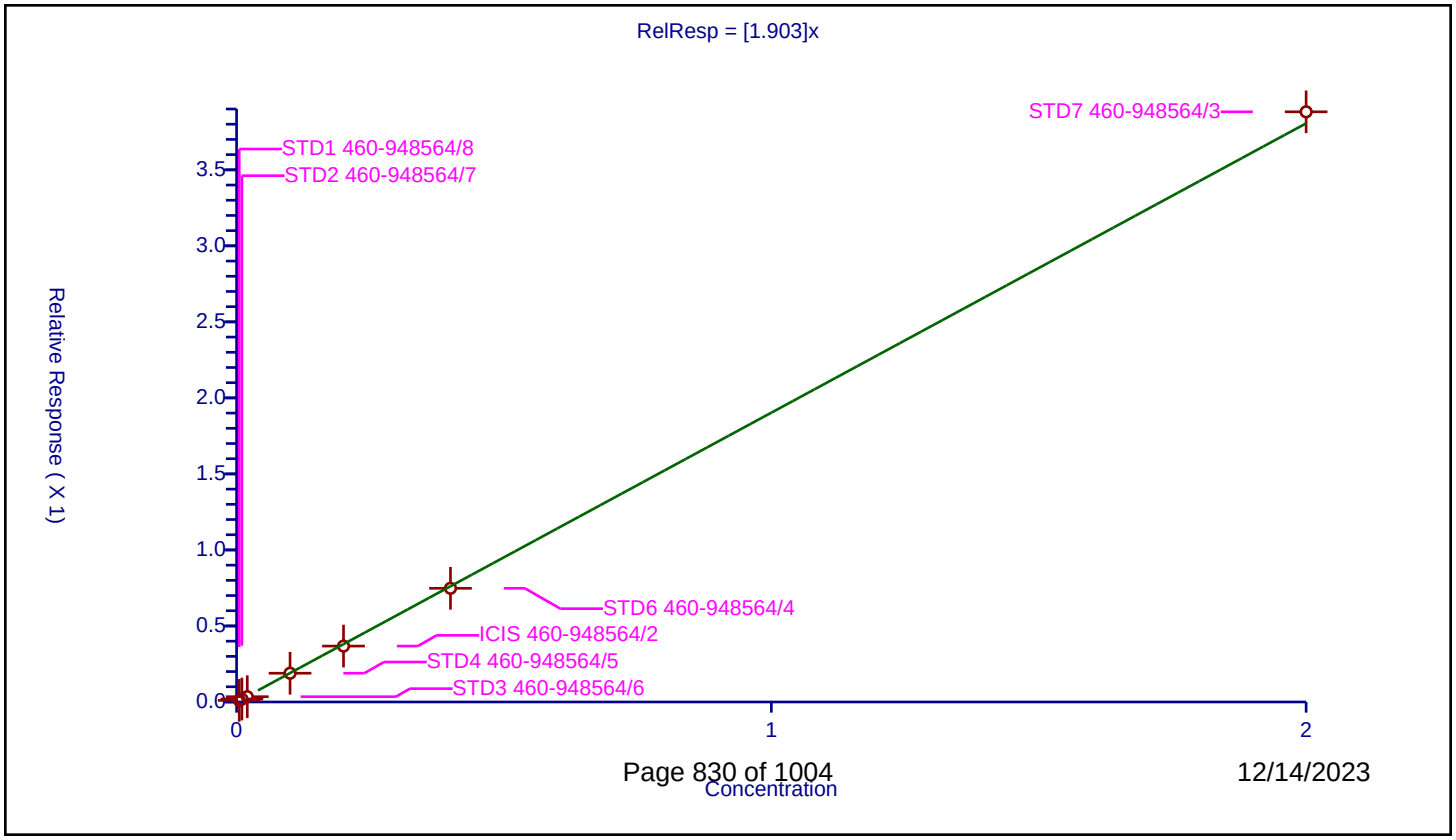
Curve Coefficients

Intercept:	0
Slope:	1.903

Error Coefficients

Standard Error:	158000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.010499	0.2	22783.0	2.099811	Y
2	STD2 460-948564/7	0.01	0.019359	0.2	21644.0	1.935871	Y
3	STD3 460-948564/6	0.02	0.034888	0.2	26009.0	1.744396	Y
4	STD4 460-948564/5	0.1	0.189071	0.2	21246.0	1.890709	Y
5	ICIS 460-948564/2	0.2	0.367652	0.2	28818.0	1.838261	Y
6	STD6 460-948564/4	0.4	0.747832	0.2	20990.0	1.869581	Y
7	STD7 460-948564/3	2.0	3.881575	0.2	19246.0	1.940788	Y



Calibration / Benzo[b]fluoranthene

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

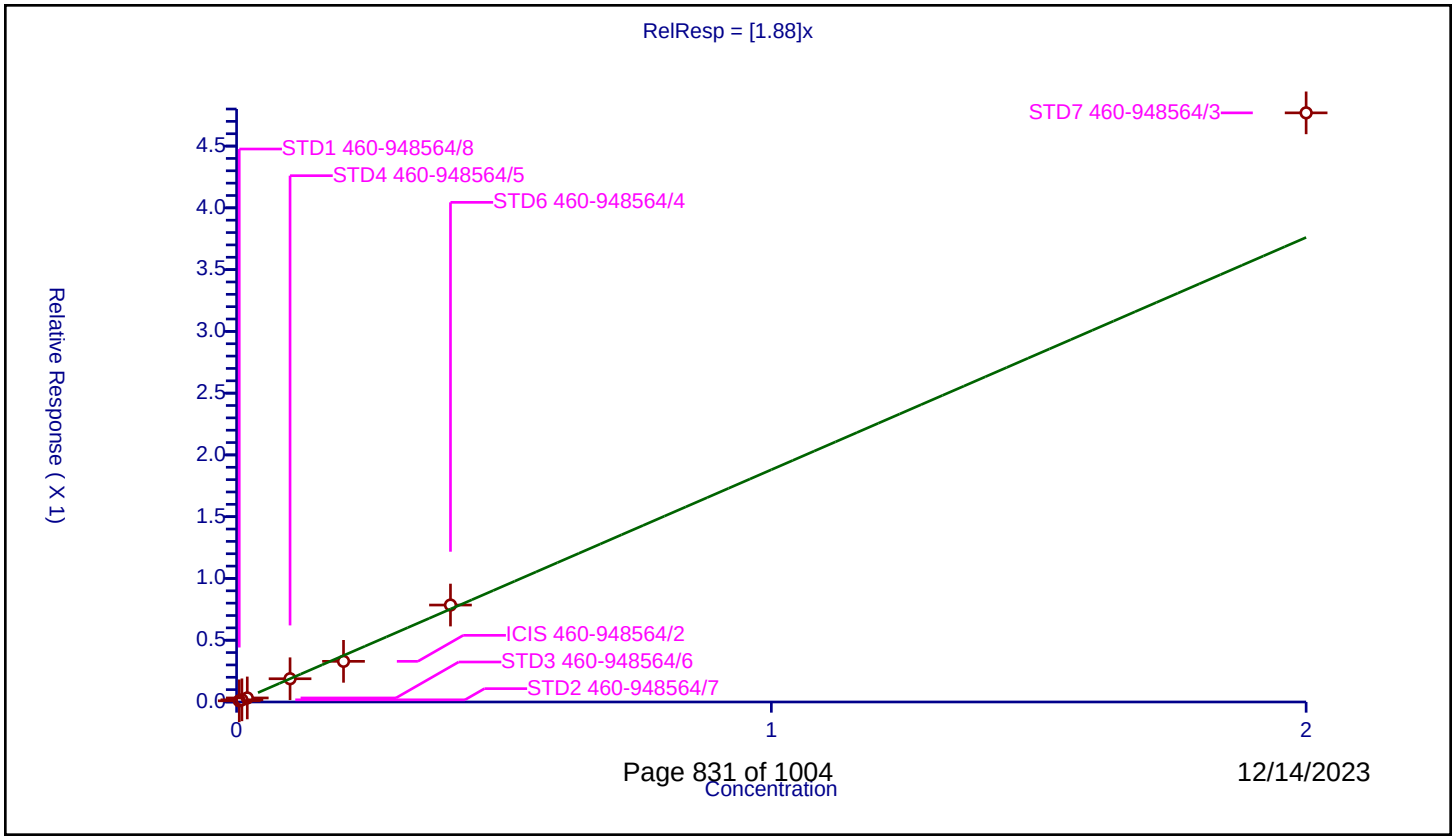
Curve Coefficients

Intercept:	0
Slope:	1.88

Error Coefficients

Standard Error:	146000
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.009499	0.2	17454.0	1.899851	Y
2	STD2 460-948564/7	0.01	0.017529	0.2	16829.0	1.752926	Y
3	STD3 460-948564/6	0.02	0.032722	0.2	20115.0	1.636092	Y
4	STD4 460-948564/5	0.1	0.188075	0.2	16554.0	1.880754	Y
5	ICIS 460-948564/2	0.2	0.32906	0.2	23840.0	1.645302	Y
6	STD6 460-948564/4	0.4	0.78478	0.2	16925.0	1.96195	Y
7	STD7 460-948564/3	2.0	4.768988	0.2	14678.0	2.384494	Y



Calibration / Benzo[k]fluoranthene

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

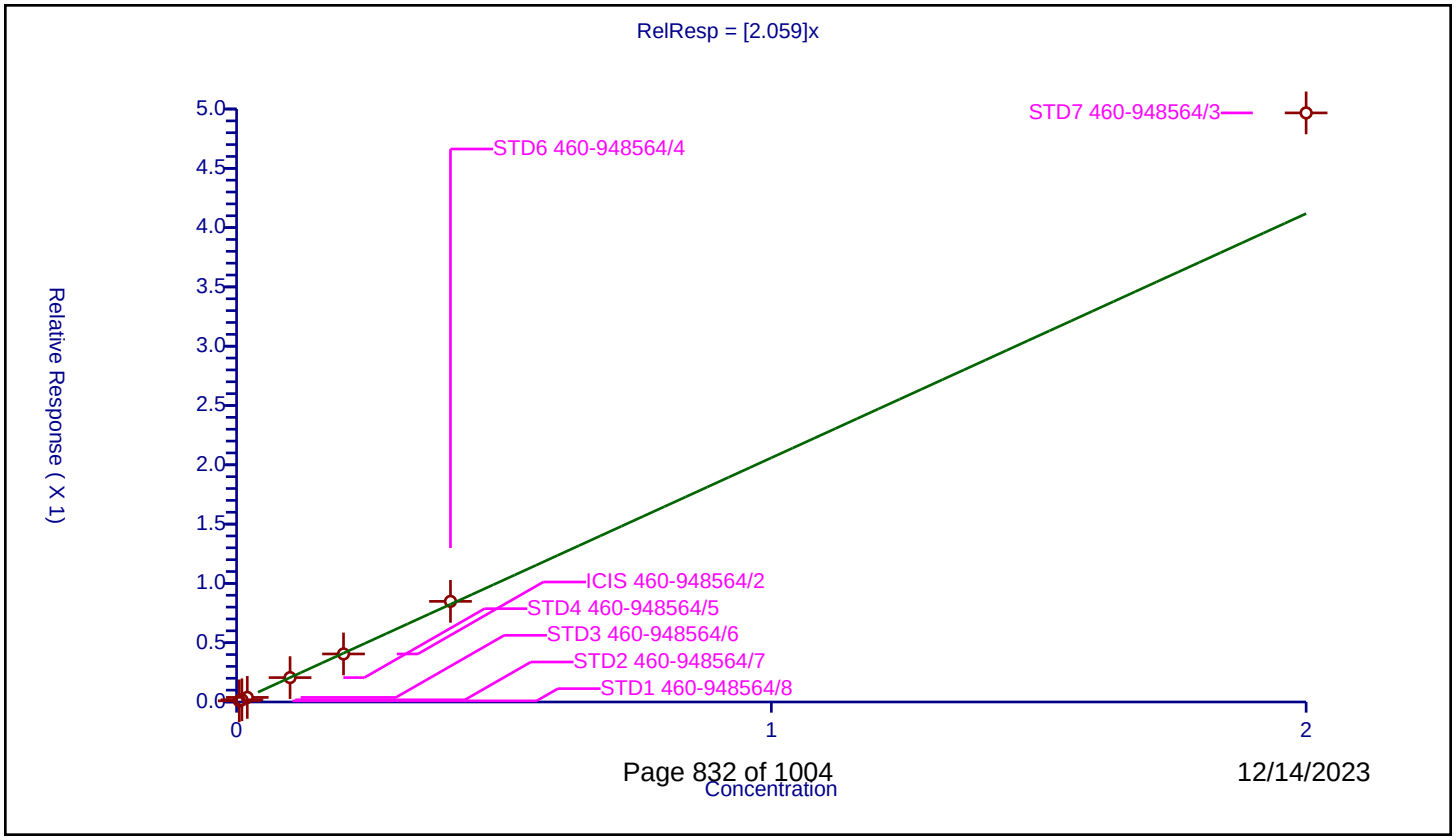
Curve Coefficients

Intercept:	0
Slope:	2.059

Error Coefficients

Standard Error:	153000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.009671	0.2	17454.0	1.934227	Y
2	STD2 460-948564/7	0.01	0.018646	0.2	16829.0	1.864638	Y
3	STD3 460-948564/6	0.02	0.038548	0.2	20115.0	1.927417	Y
4	STD4 460-948564/5	0.1	0.205642	0.2	16554.0	2.056421	Y
5	ICIS 460-948564/2	0.2	0.405159	0.2	23840.0	2.025797	Y
6	STD6 460-948564/4	0.4	0.848378	0.2	16925.0	2.120945	Y
7	STD7 460-948564/3	2.0	4.967162	0.2	14678.0	2.483581	Y



Calibration / Benzo[a]pyrene

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

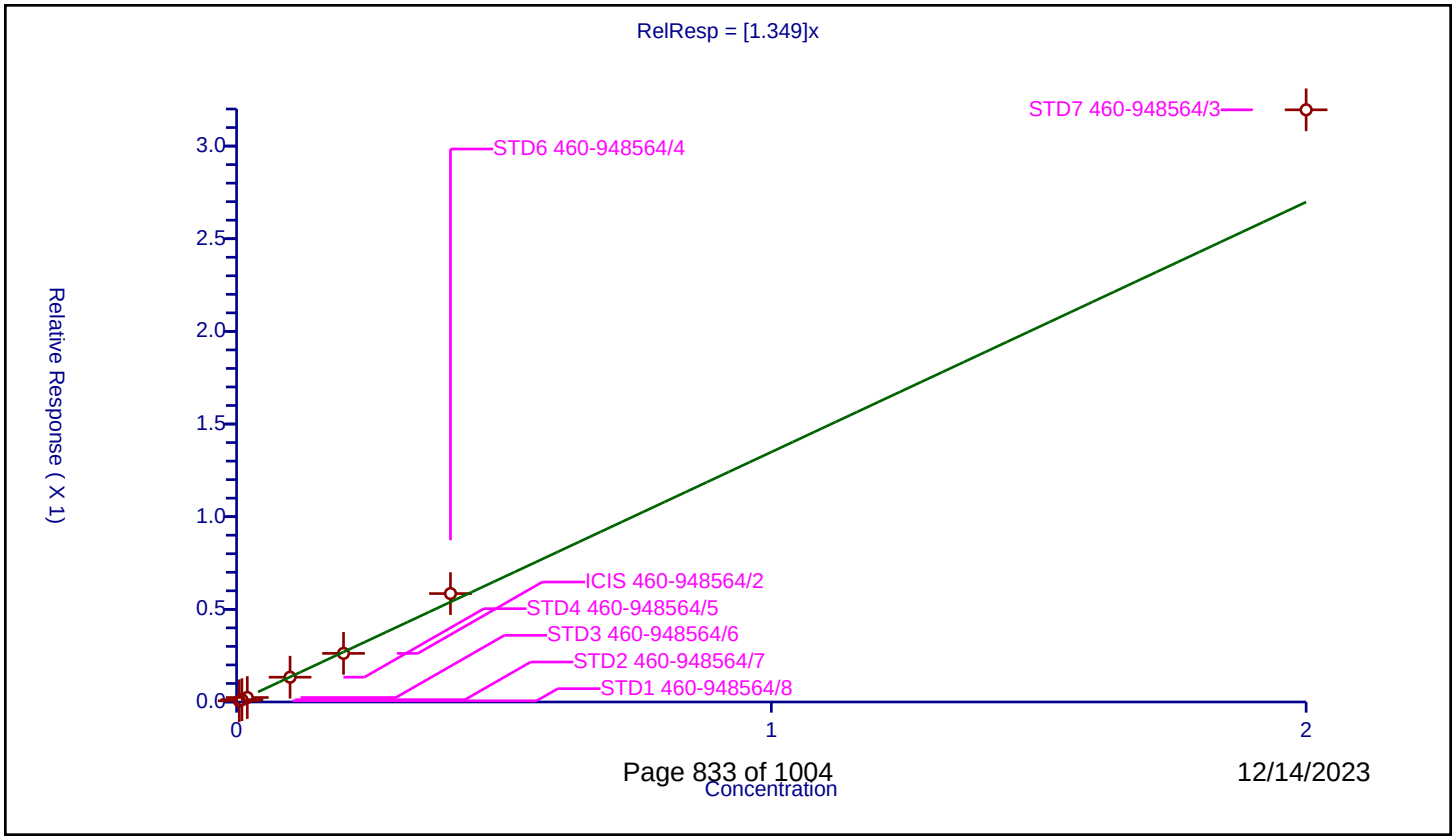
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Standard Error:	98800
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.006428	0.2	17454.0	1.285665	Y
2	STD2 460-948564/7	0.01	0.012431	0.2	16829.0	1.243092	Y
3	STD3 460-948564/6	0.02	0.024101	0.2	20115.0	1.205071	Y
4	STD4 460-948564/5	0.1	0.13372	0.2	16554.0	1.337199	Y
5	ICIS 460-948564/2	0.2	0.262215	0.2	23840.0	1.311074	Y
6	STD6 460-948564/4	0.4	0.585004	0.2	16925.0	1.462511	Y
7	STD7 460-948564/3	2.0	3.195681	0.2	14678.0	1.59784	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

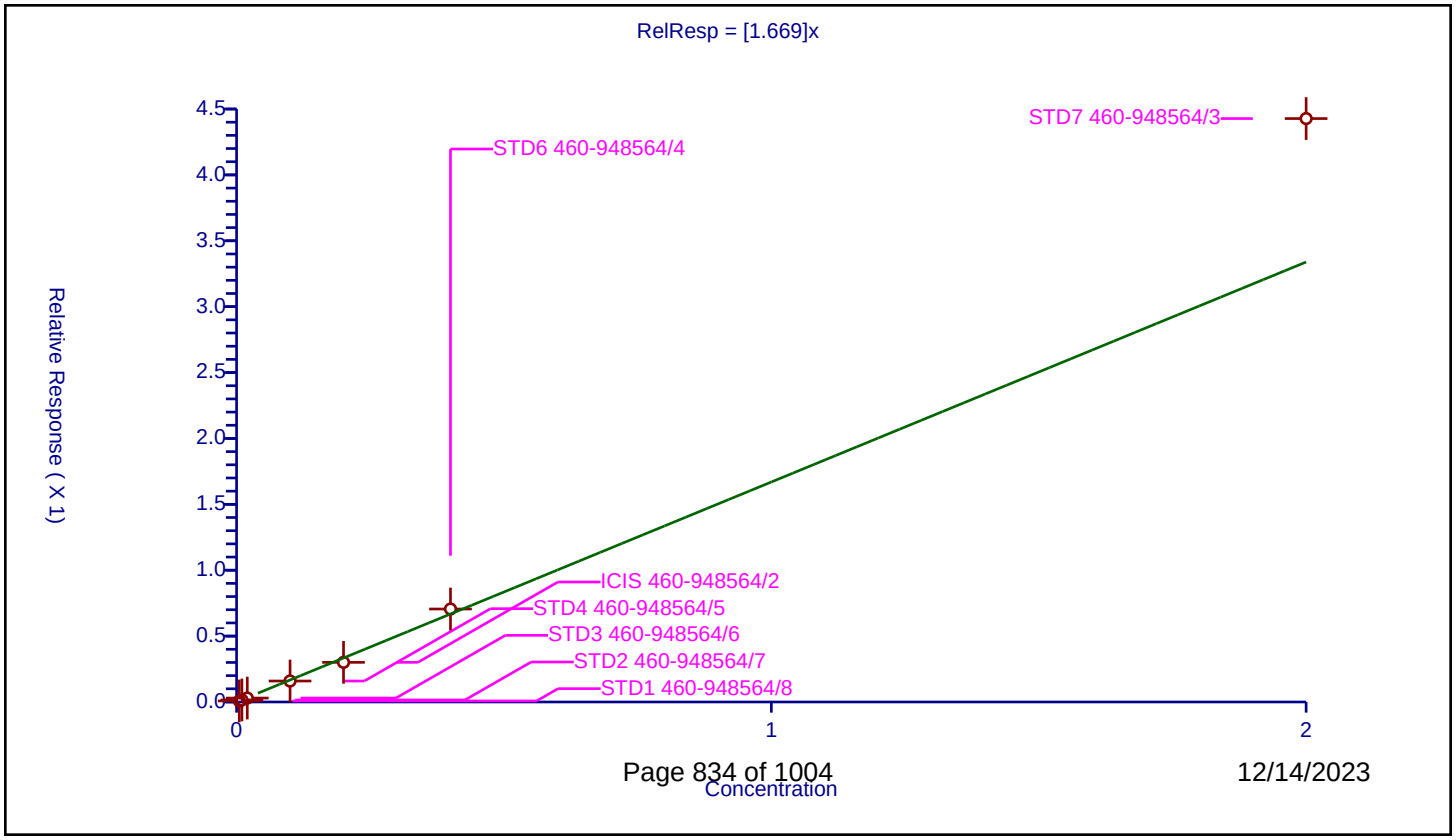
Curve Coefficients

Intercept:	0
Slope:	1.669

Error Coefficients

Standard Error:	136000
Relative Standard Error:	15.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.007952	0.2	17454.0	1.590466	Y
2	STD2 460-948564/7	0.01	0.015331	0.2	16829.0	1.533068	Y
3	STD3 460-948564/6	0.02	0.029759	0.2	20115.0	1.487944	Y
4	STD4 460-948564/5	0.1	0.159224	0.2	16554.0	1.592244	Y
5	ICIS 460-948564/2	0.2	0.300864	0.2	23840.0	1.50432	Y
6	STD6 460-948564/4	0.4	0.705607	0.2	16925.0	1.764018	Y
7	STD7 460-948564/3	2.0	4.427606	0.2	14678.0	2.213803	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

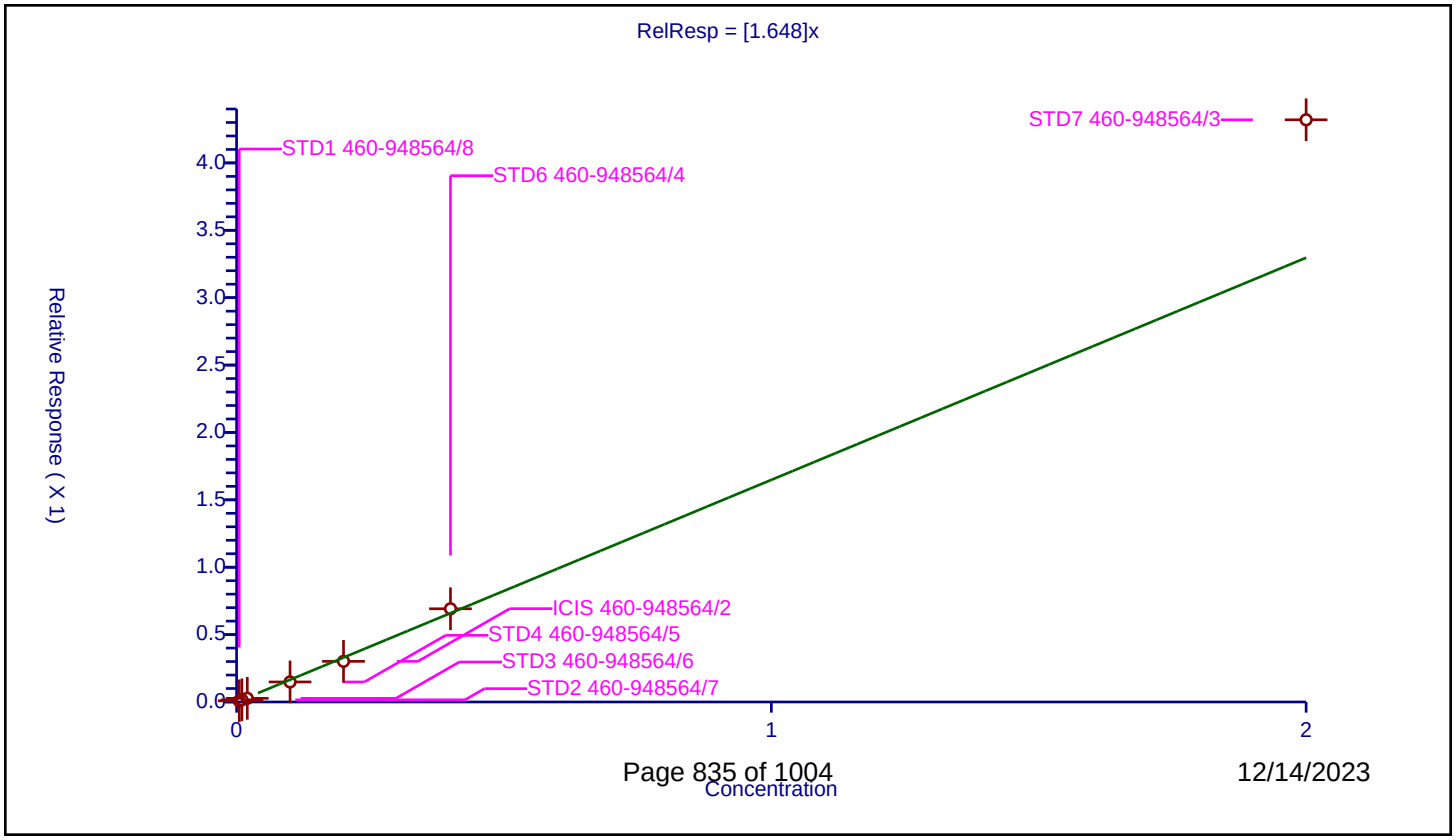
Curve Coefficients

Intercept:	0
Slope:	1.648

Error Coefficients

Standard Error:	133000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.008491	0.2	17454.0	1.698178	Y
2	STD2 460-948564/7	0.01	0.015972	0.2	16829.0	1.597243	Y
3	STD3 460-948564/6	0.02	0.027154	0.2	20115.0	1.357693	Y
4	STD4 460-948564/5	0.1	0.148798	0.2	16554.0	1.487979	Y
5	ICIS 460-948564/2	0.2	0.301477	0.2	23840.0	1.507383	Y
6	STD6 460-948564/4	0.4	0.691592	0.2	16925.0	1.728981	Y
7	STD7 460-948564/3	2.0	4.32003	0.2	14678.0	2.160015	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

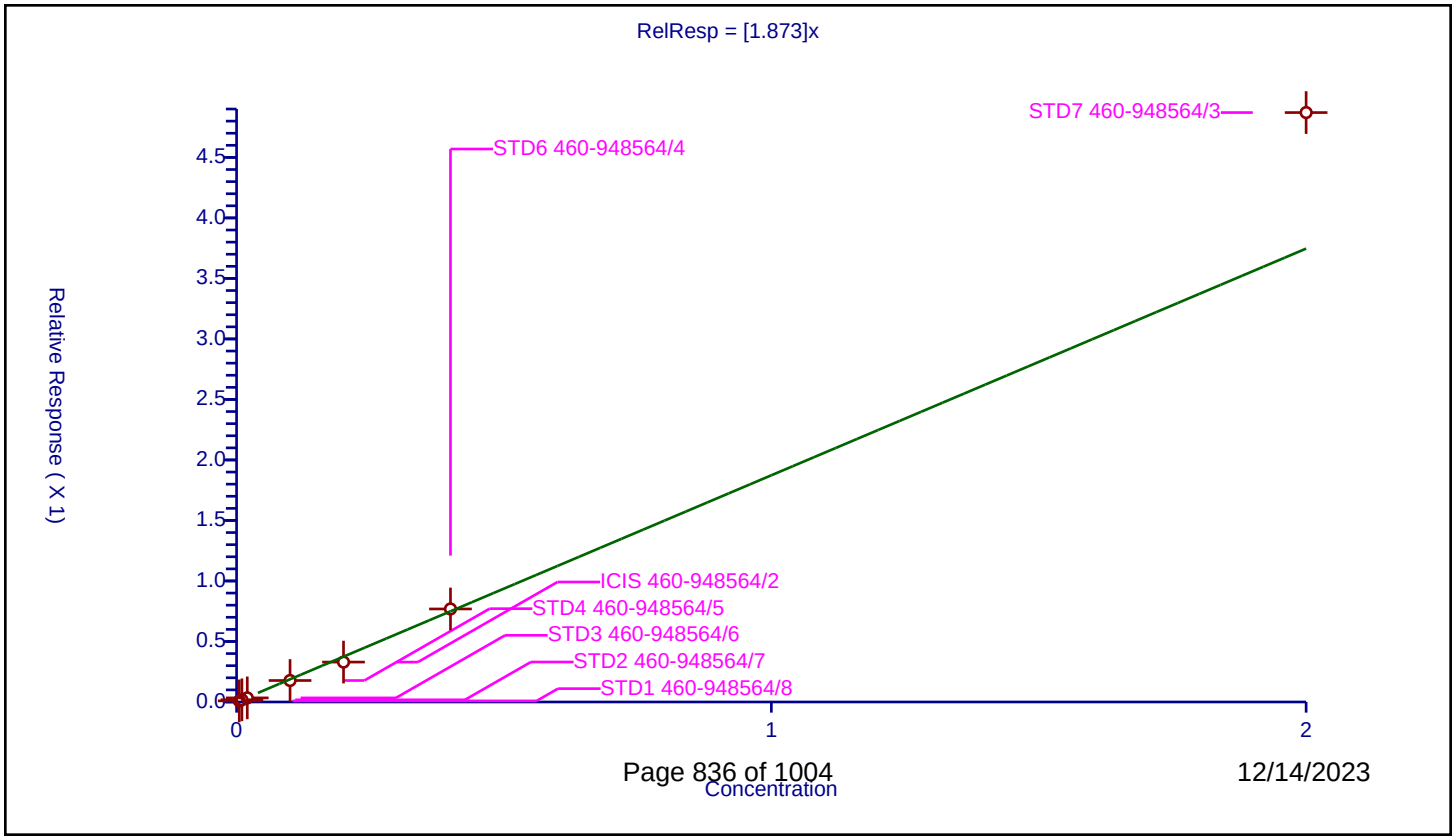
Curve Coefficients

Intercept:	0
Slope:	1.873

Error Coefficients

Standard Error:	149000
Relative Standard Error:	14.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-948564/8	0.005	0.009236	0.2	17454.0	1.847141	Y
2	STD2 460-948564/7	0.01	0.017945	0.2	16829.0	1.794521	Y
3	STD3 460-948564/6	0.02	0.033835	0.2	20115.0	1.691772	Y
4	STD4 460-948564/5	0.1	0.177419	0.2	16554.0	1.774194	Y
5	ICIS 460-948564/2	0.2	0.329673	0.2	23840.0	1.648364	Y
6	STD6 460-948564/4	0.4	0.768614	0.2	16925.0	1.921536	Y
7	STD7 460-948564/3	2.0	4.870704	0.2	14678.0	2.435352	Y



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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 943321

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2023 06:00 Calibration End Date: 11/08/2023 11:30 Calibration ID: 94932

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-943321/8	282188.D
Level 2	STD2 460-943321/7	282186.D
Level 3	STD3 460-943321/6	282184.D
Level 4	STD4 460-943321/5	282182.D
Level 5	ICIS 460-943321/9	282191.D
Level 6	STD6 460-943321/4	282180.D
Level 7	STD7 460-943321/3	282178.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.4189 0.4537	0.4035 0.4520	0.4144	0.4306	0.4158	Ave		0.4270			0.0100	4.5		20.0			
N-Nitrosodimethylamine	0.3075 0.5622	0.3974 0.5903	0.4981	0.4777	0.4998	Lin2	-0.0055	0.5402			0.0100	7.3			0.9940		0.9900
Bis(2-chloroethyl)ether	0.8712 1.0293	1.0542 1.0174	0.8517	0.9642	0.9668	Ave		0.9650			0.7000	8.1		20.0			
Naphthalene	1.0749 1.1101	1.0557 1.1407	1.0217	1.0874	1.0922	Ave		1.0832			0.7000	3.5		20.0			
Acenaphthylene	1.8496 1.9952	1.4977 2.1602	1.7378	1.8314	1.8635	Ave		1.8479			0.9000	11.1		20.0			
Acenaphthene	1.1013 1.1816	1.0721 1.3824	1.1043	1.1751	1.1538	Ave		1.1672			0.9000	8.9		20.0			
Fluorene	1.2224 1.4213	1.1334 1.6107	1.2835	1.3230	1.3638	Ave		1.3369			0.9000	11.4		20.0			
4,6-Dinitro-2-methylphenol	0.0612 0.0719	0.0623 0.0878	0.0506	0.0605	0.0618	Ave		0.0652			0.0100	18.0		20.0			
Hexachlorobenzene	0.4239 0.2820	0.3549 0.2892	0.2657	0.2940	0.2836	Ave		0.3133			0.1000	18.0		20.0			
Pentachlorophenol	0.0670 0.1466	0.0846 0.1839	0.1027	0.1159	0.1096	QuaF		0.1267	0.0143277		0.0500	28.7			1.0000		0.9900
Phenanthrene	0.8963 0.8001	0.8113 0.8361	0.8113	0.8175	0.8008	Ave		0.8248			0.7000	4.1		20.0			
Anthracene	0.6289 0.5888	0.5977 0.6169	0.5576	0.6217	0.5629	Ave		0.5964		*	0.7000	4.7		20.0			
Fluoranthene	0.8720 0.8681	0.8561 0.9375	0.7976	0.8119	0.8393	Ave		0.8547			0.6000	5.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 480-215449-1 Analy Batch No.: 943321

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2023 06:00 Calibration End Date: 11/08/2023 11:30 Calibration ID: 94932

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.9989 1.9907	1.7797 2.1143	1.9008	1.9707	1.9811	Ave		1.9623			0.6000	5.2		20.0			
Benzo[a]anthracene	1.3346 1.3330	1.3002 1.5323	1.2954	1.2874	1.2695	Ave		1.3361			0.8000	6.7		20.0			
Chrysene	1.8537 1.5939	1.6273 1.7437	1.6310	1.5645	1.5692	Ave		1.6548			0.7000	6.4		20.0			
Benzo[b]fluoranthene	1.6727 1.7609	1.5436 1.9532	1.4847	1.6536	1.6075	Ave		1.6681			0.7000	9.3		20.0			
Benzo[k]fluoranthene	1.7611 1.8058	1.8543 2.0861	1.6063	1.7131	1.7297	Ave		1.7938			0.7000	8.4		20.0			
Benzo[a]pyrene	1.3518 1.1992	1.2186 1.3662	1.0385	1.2035	1.1089	Ave		1.2124			0.7000	9.8		20.0			
Indeno[1,2,3-cd]pyrene	1.8697 1.6602	1.7871 1.9834	1.5466	1.5810	1.4858	Ave		1.7020			0.5000	10.8		20.0			
Dibenz(a,h)anthracene	2.1502 1.7505	1.9118 2.0453	1.5575	1.7539	1.5923	Ave		1.8231			0.4000	12.2		20.0			
Benzo[g,h,i]perylene	2.6328 1.8380	2.0030 2.1580	1.7947	1.8216	1.7588	Ave		2.0010			0.5000	15.6		20.0			
Nitrobenzene-d5	0.3578 0.3781	0.3511 0.3767	0.3618	0.3730	0.3356	Ave		0.3620			0.0100	4.3		20.0			
2-Fluorobiphenyl	1.7490 1.7361	1.6977 1.9036	1.6697	1.6690	1.5929	Ave		1.7169			0.0100	5.7		20.0			
2,4,6-Tribromophenol	0.2539 0.3501	0.2549 0.2691	0.2709	0.2819	0.2700	Ave		0.2787			0.0100	11.8		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.: 480-215449-1 | Analy Batch No.: 943321

SDG No.:

Instrument ID: CBNAMS9 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2023 06:00 | Calibration End Date: 11/08/2023 11:30 | Calibration ID: 94932

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-943321/8	282188.D
Level 2	STD2 460-943321/7	282186.D
Level 3	STD3 460-943321/6	282184.D
Level 4	STD4 460-943321/5	282182.D
Level 5	ICIS 460-943321/9	282191.D
Level 6	STD6 460-943321/4	282180.D
Level 7	STD7 460-943321/3	282178.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCBd4	Ave	654 62238	3483 120330	7351	13765	23574	0.0200 2.00	0.100 4.00	0.200	0.400	0.800
N-Nitrosodimethylamine	DCBd4	Lin2	480 38567	1715 78568	4418	7636	14167	0.0200 1.00	0.0500 2.00	0.100	0.200	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	136 70606	455 135410	1511	15412	27406	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Naphthalene	NPT	Ave	1188 87131	2490 426969	4966	24031	43822	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthylene	ANT	Ave	1268 99276	2101 461457	5275	25180	48464	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Acenaphthene	ANT	Ave	755 58795	1504 295317	3352	16156	30008	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Fluorene	ANT	Ave	838 70721	1590 344082	3896	18190	35468	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
4,6-Dinitro-2-methylphenol	PHN	Ave	566 31163	1362 66337	2548	5314	10951	0.0400 2.00	0.100 4.00	0.200	0.400	0.800
Hexachlorobenzene	PHN	Ave	196 61086	388 109246	1338	12914	25114	0.00200 1.00	0.00500 2.00	0.0200	0.200	0.400
Pentachlorophenol	PHN	QuaF	310 31760	925 138971	2586	5092	9707	0.0200 1.00	0.0500 4.00	0.100	0.200	0.400
Phenanthrene	PHN	Ave	1036 69342	1774 315851	4086	17956	35455	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Anthracene	PHN	Ave	727 51026	1307 233053	2808	13657	24923	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Fluoranthene	PHN	Ave	1008 75233	1872 354137	4017	17834	37162	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Pyrene	CRY	Ave	1005 82983	1752 381963	4242	20466	40014	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]anthracene	CRY	Ave	671 55566	1280 276820	2891	13370	25641	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Chrysene	CRY	Ave	932	1602	3640	16247	31695	0.00500	0.0100	0.0200	0.100	0.200

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

Lab Name: Eurofins Edison | Job No.: 480-215449-1 | Analy Batch No.: 943321

SDG No.:

Instrument ID: CBNAMS9 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2023 06:00 | Calibration End Date: 11/08/2023 11:30 | Calibration ID: 94932

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			66445	315023				0.400	2.00			
Benzo[b]fluoranthene	PRY	Ave	662 59189	1287 289158	2735	13793	26294	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[k]fluoranthene	PRY	Ave	697 60695	1546 308829	2959	14289	28293	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[a]pyrene	PRY	Ave	535 40308	1016 202245	1913	10038	18138	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	740 55802	1490 293629	2849	13187	24303	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Dibenz(a,h)anthracene	PRY	Ave	851 58839	1594 302782	2869	14629	26046	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Benzo[g,h,i]perylene	PRY	Ave	1042 61780	1670 319471	3306	15194	28769	0.00500 0.400	0.0100 2.00	0.0200	0.100	0.200
Nitrobenzene-d5	NPT	Ave	7909 370976	16562 1410176	35174	65940	67316	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2-Fluorobiphenyl	ANT	Ave	23981 1079817	47630 4066416	101370	183572	207137	0.100 5.00	0.200 20.0	0.400	0.800	1.00
2,4,6-Tribromophenol	ANT	Ave	3481 217730	7152 574953	16445	31007	35103	0.100 5.00	0.200 20.0	0.400	0.800	1.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
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.: 480-215449-1 Analy Batch No.: 943321

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2023 06:00 Calibration End Date: 11/08/2023 11:30 Calibration ID: 94932

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-943321/8	282188.D
Level 2	STD2 460-943321/7	282186.D
Level 3	STD3 460-943321/6	282184.D
Level 4	STD4 460-943321/5	282182.D
Level 5	ICIS 460-943321/9	282191.D
Level 6	STD6 460-943321/4	282180.D
Level 7	STD7 460-943321/3	282178.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
N-Nitrosodimethylamine	3.6						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282178.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Nov-2023 06:44:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-003
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:26 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 07:03:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.692	1.692	0.000	99	120330	4.00	4.23	
2 N-Nitrosodimethylamine	74	1.909	1.917	-0.008	93	78568	2.00	2.19	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	84	135410	2.00	2.11	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	99	13310	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.782	4.790	-0.008	93	1410176	20.0	20.8	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	37432	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	100	426969	2.00	2.11	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	94	4066416	20.0	22.2	
10 Acenaphthylene	152	6.997	6.997	0.000	100	461457	2.00	2.34	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	96	21362	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	96	295317	2.00	2.37	
13 Fluorene	166	7.654	7.654	0.000	94	344082	2.00	2.41	
14 4,6-Dinitro-2-methylphenol	198	7.715	7.715	0.000	74	66337	4.00	5.39	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	98	574953	20.0	19.3	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	96	109246	2.00	1.85	
16 Pentachlorophenol	266	8.373	8.373	0.000	99	138971	4.00	4.00	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	100	37776	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	97	315851	2.00	2.03	
19 Anthracene	178	8.617	8.618	-0.001	98	233053	2.00	2.07	
21 Fluoranthene	202	9.690	9.690	0.000	92	354137	2.00	2.19	
22 Pyrene	202	9.894	9.894	0.000	98	381963	2.00	2.15	
$ 23 Terphenyl-d14	244	10.063	10.063	-0.001	97	1841967	20.0	18.7	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	97	276820	2.00	2.29	
* 25 Chrysene-d12	240	11.144	11.144	0.000	72	18066	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	99	315023	2.00	2.11	
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	100	289158	2.00	2.34	
28 Benzo[k]fluoranthene	252	12.490	12.502	-0.012	97	308829	2.00	2.33	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	100	202245	2.00	2.25	
* 30 Perylene-d12	264	12.971	12.983	-0.012	99	14804	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.485	14.485	0.000	84	293629	2.00	2.33	
32 Dibenz(a,h)anthracene	278	14.533	14.533	0.000	91	302782	2.00	2.24	

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	14.881	14.882	-0.001	74	319471	2.00	2.16	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL7_00003 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:27 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282178.D

Injection Date: 08-Nov-2023 06:44:30 Instrument ID: CBNAMS9

Lims ID: STD7

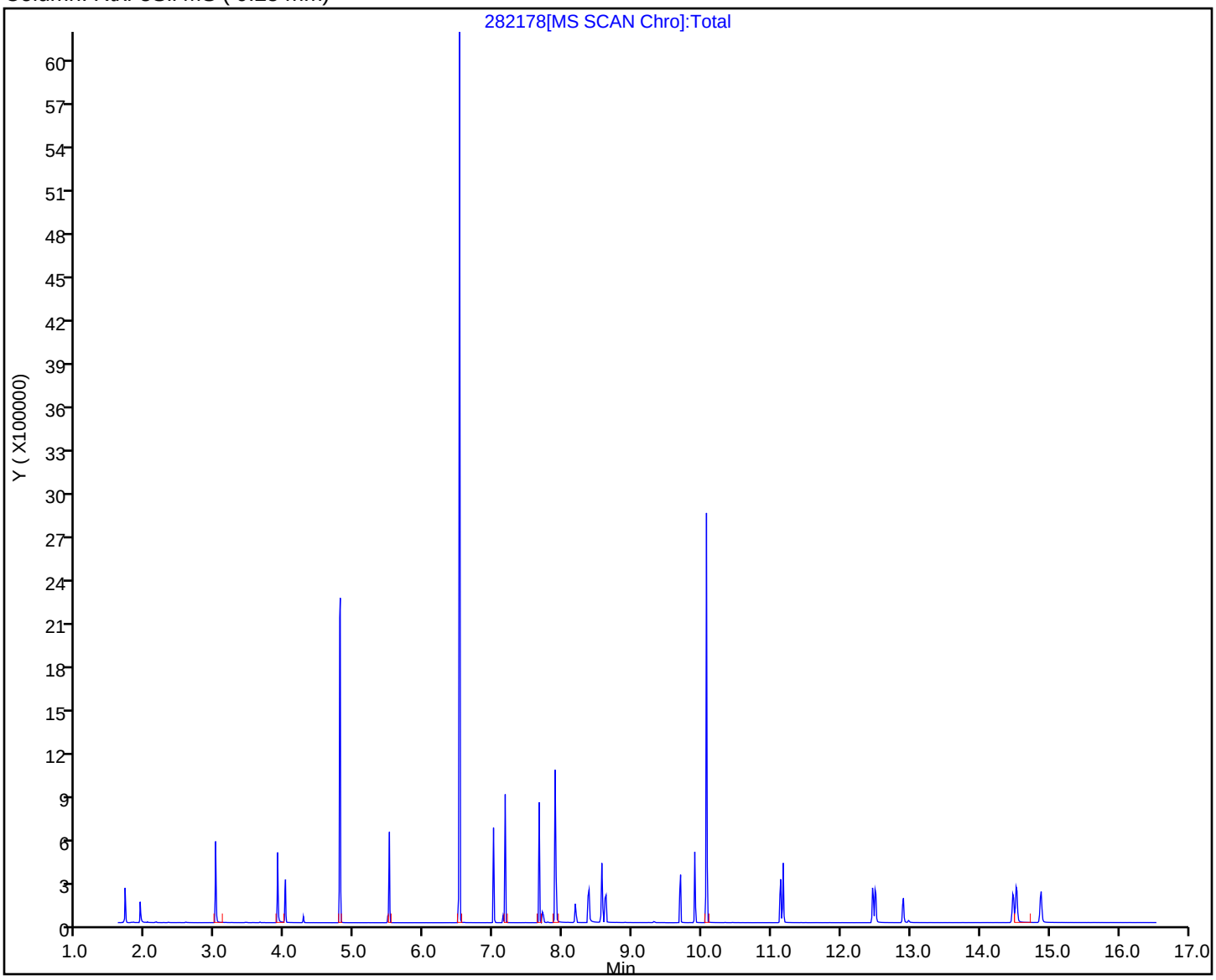
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

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
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282180.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Nov-2023 07:28:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-004
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:28 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 07:51:42

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	1.700	1.692	0.008	89	62238	2.00	2.12	
2 N-Nitrosodimethylamine	74	1.917	1.917	0.000	93	38567	1.00	1.05	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	86	70606	1.00	1.07	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	98	13719	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.782	4.790	-0.008	93	370976	5.00	5.22	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	39244	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	100	87131	0.4000	0.4099	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	93	1079817	5.00	5.06	
10 Acenaphthylene	152	6.997	6.997	0.000	100	99276	0.4000	0.4319	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	95	24879	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	97	58795	0.4000	0.4049	
13 Fluorene	166	7.654	7.654	0.000	90	70721	0.4000	0.4253	
14 4,6-Dinitro-2-methylphenol	198	7.700	7.715	-0.015	80	31163	2.00	2.21	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	97	217730	5.00	6.28	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	97	61086	1.00	0.8999	
16 Pentachlorophenol	266	8.373	8.373	0.000	97	31760	1.00	1.04	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	100	43331	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	98	69342	0.4000	0.3881	
19 Anthracene	178	8.617	8.618	-0.001	98	51026	0.4000	0.3949	
21 Fluoranthene	202	9.690	9.690	0.000	92	75233	0.4000	0.4063	
22 Pyrene	202	9.894	9.894	0.000	98	82983	0.4000	0.4058	
$ 23 Terphenyl-d14	244	10.063	10.063	0.000	95	570547	5.00	5.01	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	95	55566	0.4000	0.3991	
* 25 Chrysene-d12	240	11.144	11.144	0.000	92	20843	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	99	66445	0.4000	0.3853	
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	100	59189	0.4000	0.4223	
28 Benzo[k]fluoranthene	252	12.490	12.502	-0.012	97	60695	0.4000	0.4027	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	100	40308	0.4000	0.3957	
* 30 Perylene-d12	264	12.971	12.983	-0.012	99	16806	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.473	14.485	-0.012	91	55802	0.4000	0.3902	
32 Dibenz(a,h)anthracene	278	14.521	14.533	-0.012	96	58839	0.4000	0.3841	

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	14.881	14.882	-0.001	75	61780	0.4000	0.3674	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL6_00020 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:28 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282180.D

Injection Date: 08-Nov-2023 07:28:30 Instrument ID: CBNAMS9

Lims ID: STD6

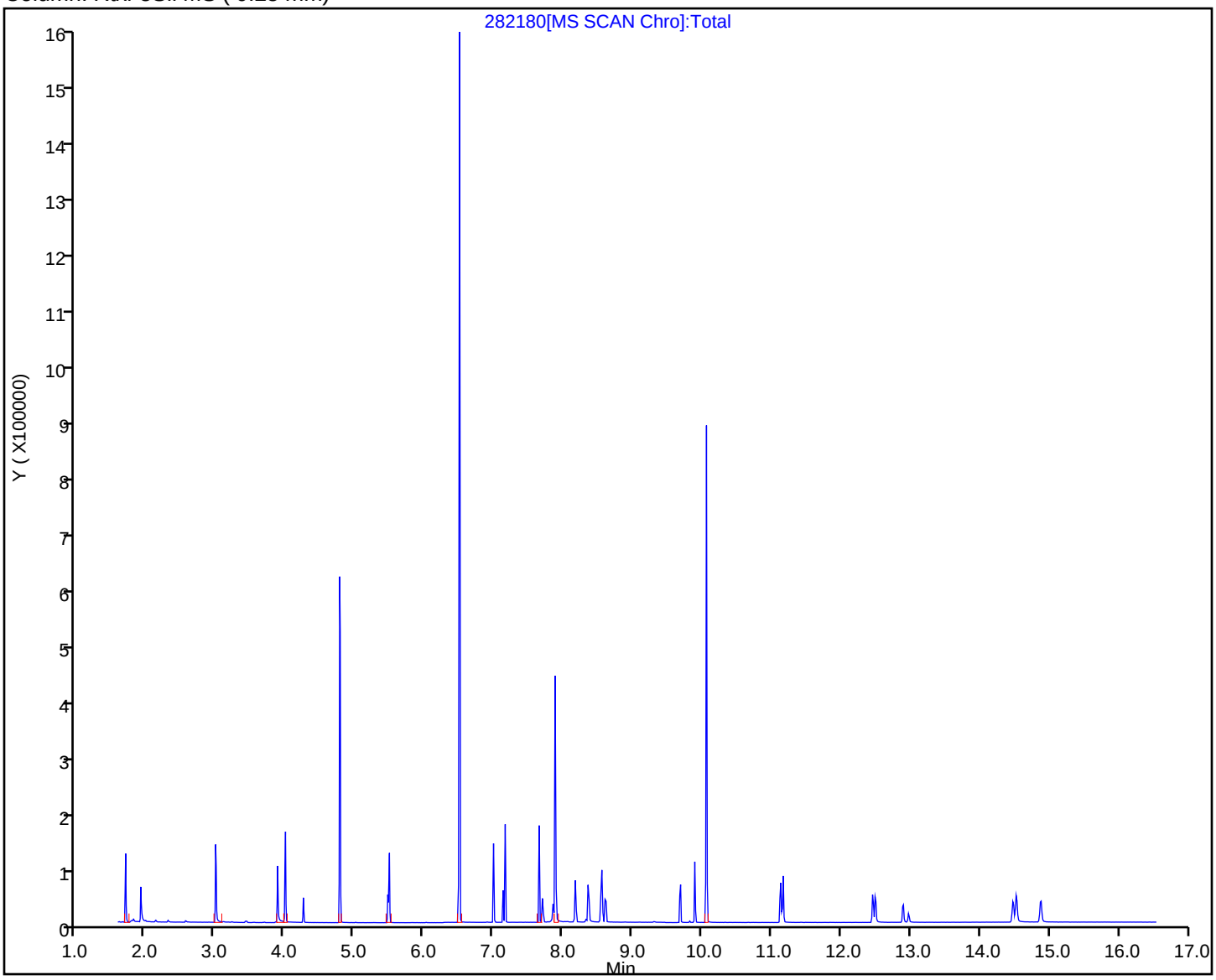
Client ID:

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
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282182.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Nov-2023 08:11:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-005
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:29 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 08:42:50

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	1.708	1.692	0.016	99	13765	0.4000	0.4034	
2 N-Nitrosodimethylamine	74	1.942	1.917	0.025	85	7636	0.2000	0.1862	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	88	15412	0.2000	0.1998	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	98	15984	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.782	4.790	-0.008	93	65940	0.8000	0.8242	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	44200	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	100	24031	0.1000	0.1004	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	94	183572	0.8000	0.7777	
10 Acenaphthylene	152	6.997	6.997	0.000	100	25180	0.1000	0.0991	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	96	27498	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	97	16156	0.1000	0.1007	
13 Fluorene	166	7.654	7.654	0.000	92	18190	0.1000	0.0990	
14 4,6-Dinitro-2-methylphenol	198	7.700	7.715	-0.015	71	5314	0.4000	0.3713	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	95	31007	0.8000	0.8093	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	98	12914	0.2000	0.1876	
16 Pentachlorophenol	266	8.373	8.373	0.000	97	5092	0.2000	0.1793	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	100	43931	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	99	17956	0.1000	0.0991	
19 Anthracene	178	8.618	8.618	0.000	99	13657	0.1000	0.1043	
21 Fluoranthene	202	9.690	9.690	0.000	92	17834	0.1000	0.0950	
22 Pyrene	202	9.894	9.894	0.000	98	20466	0.1000	0.1004	
$ 23 Terphenyl-d14	244	10.063	10.063	0.000	94	93146	0.8000	0.8211	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	54	13370	0.1000	0.0964	
* 25 Chrysene-d12	240	11.132	11.144	-0.012	86	20770	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	98	16247	0.1000	0.0945	
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	100	13793	0.1000	0.0991	
28 Benzo[k]fluoranthene	252	12.490	12.502	-0.012	96	14289	0.1000	0.0955	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	100	10038	0.1000	0.0993	
* 30 Perylene-d12	264	12.971	12.983	-0.012	100	16682	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.473	14.485	-0.012	90	13187	0.1000	0.0929	
32 Dibenz(a,h)anthracene	278	14.521	14.533	-0.012	94	14629	0.1000	0.0962	

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	14.882	14.882	0.000	74	15194	0.1000	0.0910	

QC Flag Legend

Processing Flags

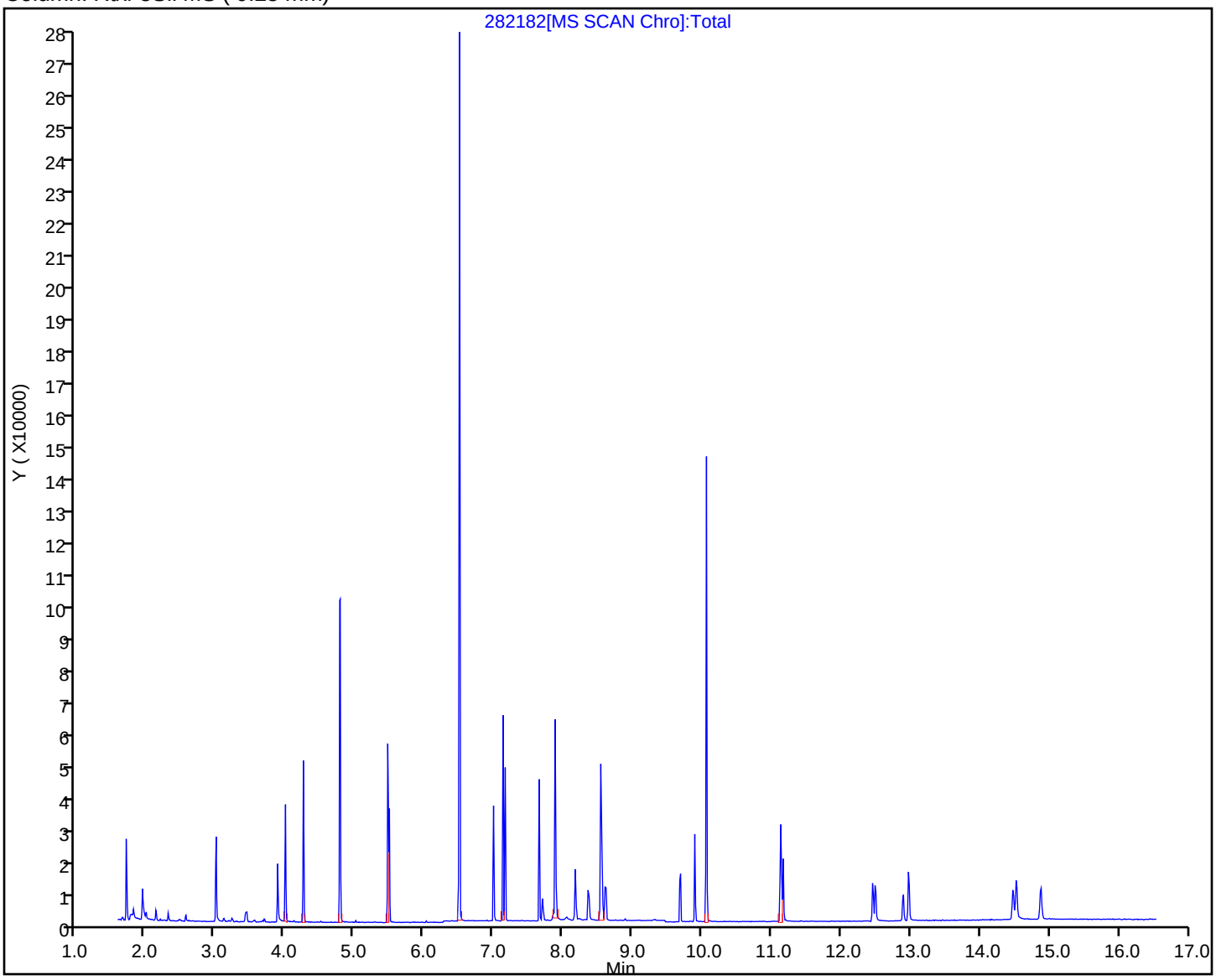
Reagents:

SM_simSlviL4_00018 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:29 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282182.D
Injection Date: 08-Nov-2023 08:11:30 Instrument ID: CBNAMS9
Lims ID: STD4
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
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282184.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Nov-2023 08:55:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-006
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:30 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 09:30:40

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	1.716	1.692	0.024	95	7351	0.2000	0.1941	
2 N-Nitrosodimethylamine	74	1.958	1.917	0.041	86	4418	0.1000	0.1015	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	91	1511	0.0200	0.0177	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	98	17740	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.782	4.790	-0.008	92	35174	0.4000	0.3998	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	48607	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	100	4966	0.0200	0.0189	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	93	101370	0.4000	0.3890	
10 Acenaphthylene	152	6.997	6.997	0.000	100	5275	0.0200	0.0188	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	95	30355	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	92	3352	0.0200	0.0189	
13 Fluorene	166	7.654	7.654	0.000	94	3896	0.0200	0.0192	
14 4,6-Dinitro-2-methylphenol	198	7.715	7.715	0.000	74	2548	0.2000	0.1553	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	95	16445	0.4000	0.3888	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	96	1338	0.0200	0.0170	
16 Pentachlorophenol	266	8.373	8.373	0.000	96	2586	0.1000	0.0803	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	99	50362	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	97	4086	0.0200	0.0197	
19 Anthracene	178	8.618	8.618	0.000	97	2808	0.0200	0.0187	
21 Fluoranthene	202	9.690	9.690	0.000	92	4017	0.0200	0.0187	
22 Pyrene	202	9.894	9.894	0.000	98	4242	0.0200	0.0194	
$ 23 Terphenyl-d14	244	10.063	10.063	0.000	94	52307	0.4000	0.4292	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	16	2891	0.0200	0.0194	a
* 25 Chrysene-d12	240	11.144	11.144	0.000	90	22317	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	98	3640	0.0200	0.0197	a
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	99	2735	0.0200	0.0178	
28 Benzo[k]fluoranthene	252	12.490	12.502	-0.012	54	2959	0.0200	0.0179	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	97	1913	0.0200	0.0171	
* 30 Perylene-d12	264	12.971	12.983	-0.012	99	18421	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.485	14.485	0.000	86	2849	0.0200	0.0182	
32 Dibenz(a,h)anthracene	278	14.533	14.533	0.000	90	2869	0.0200	0.0171	

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	14.882	14.882	0.000	75	3306	0.0200	0.0179	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_simSlviL3_00022 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:30 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282184.D

Injection Date: 08-Nov-2023 08:55:30 Instrument ID: CBNAMS9

Lims ID: STD3

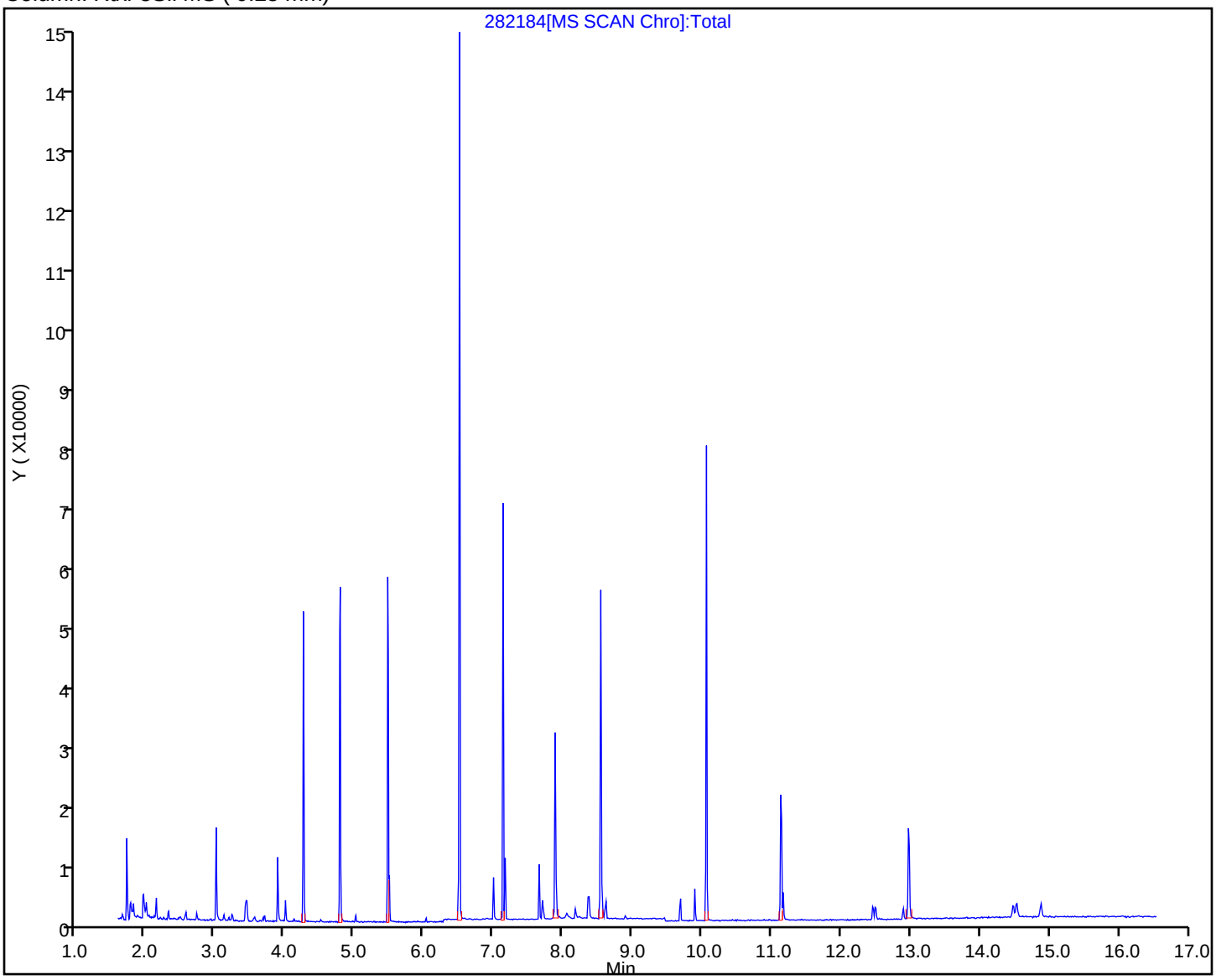
Client ID:

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

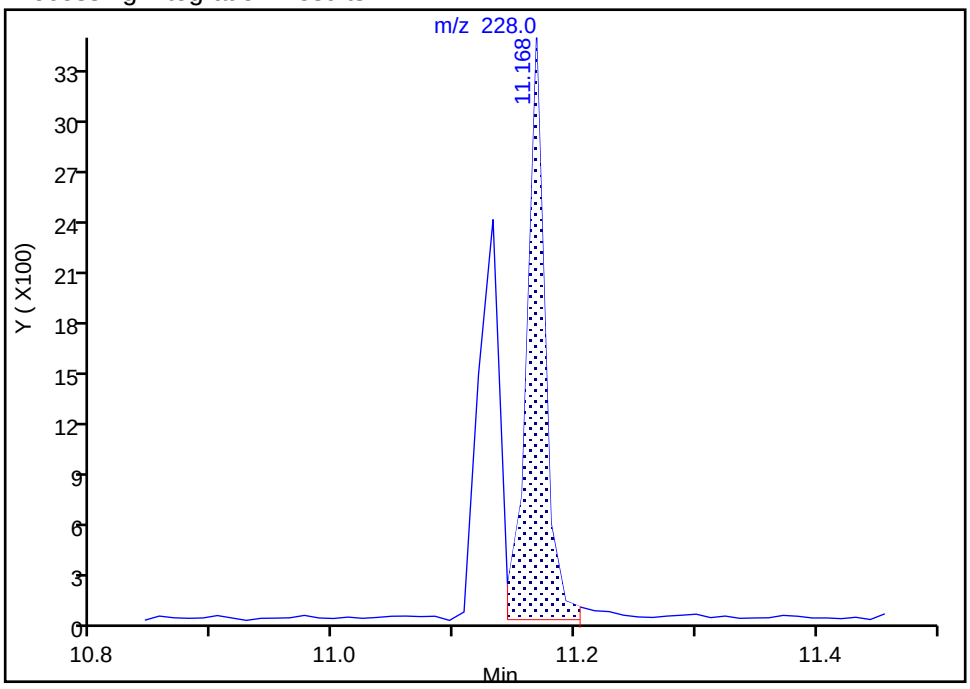
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282184.D				
Injection Date:	08-Nov-2023 08:55:30	Instrument ID:	CBNAMS9		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

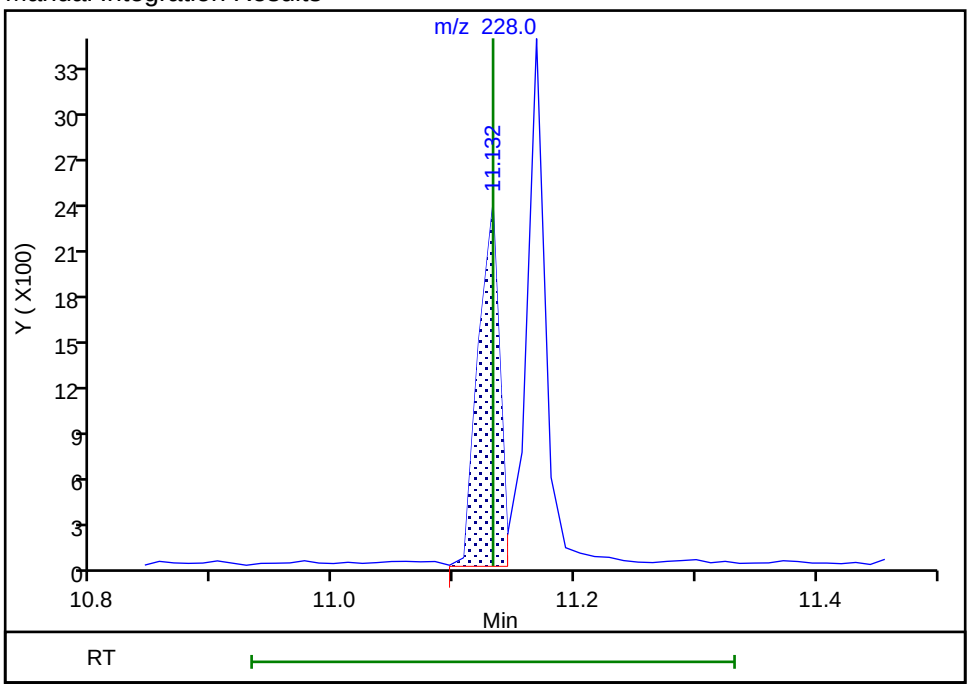
Processing Integration Results

RT: 11.17
Area: 3640
Amount: 0.022561
Amount Units: ug/ml



Manual Integration Results

RT: 11.13
Area: 2891
Amount: 0.019392
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:25:33 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

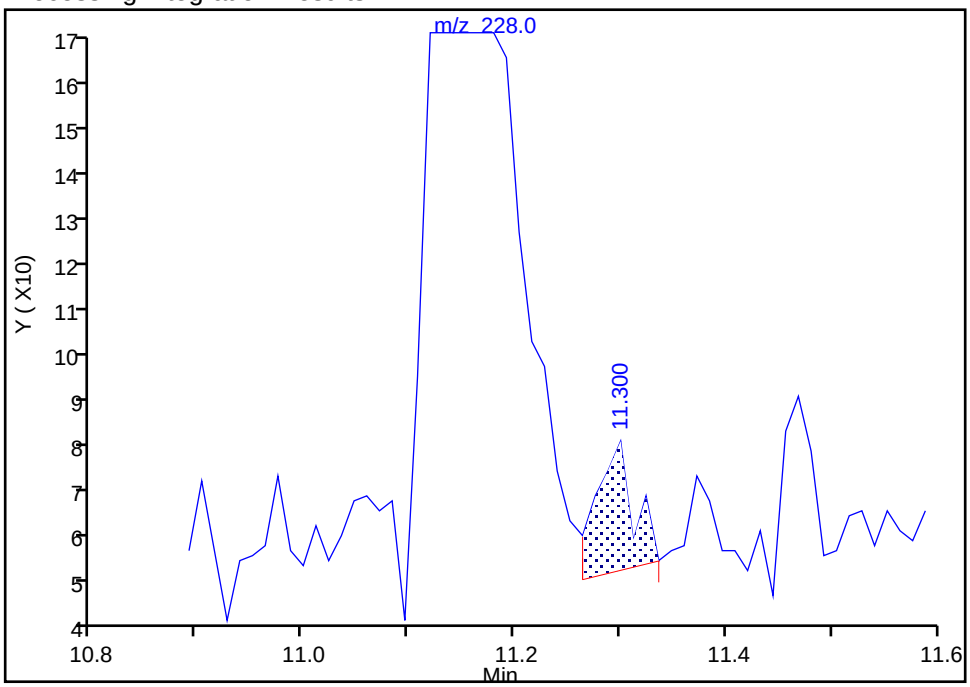
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282184.D
Injection Date: 08-Nov-2023 08:55:30 Instrument ID: CBNAMS9
Lims ID: STD3
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

26 Chrysene, CAS: 218-01-9

Signal: 1

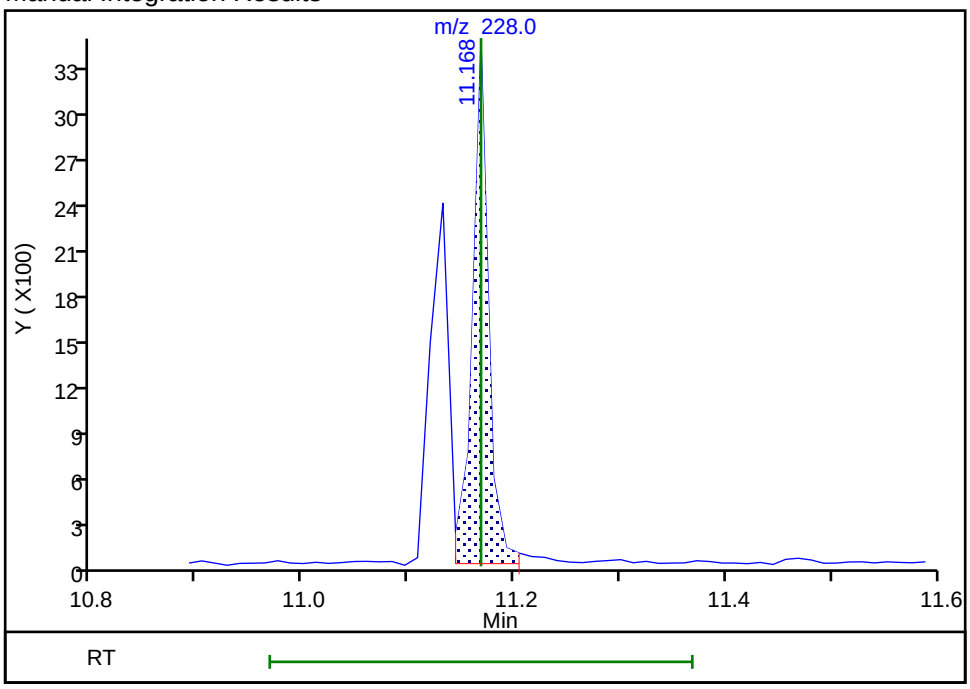
Processing Integration Results

RT: 11.30
Area: 66
Amount: 0.019756
Amount Units: ug/ml



Manual Integration Results

RT: 11.17
Area: 3640
Amount: 0.019713
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:25:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282186.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Nov-2023 09:39:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-007
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:31 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 10:03:28

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	1.724	1.692	0.032	94	3483	0.1000	0.0945	
2 N-Nitrosodimethylamine	74	1.966	1.917	0.049	90	1715	0.0500	0.0461	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	93	455	0.005000	0.005462	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	97	17264	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.790	4.790	0.000	97	16562	0.2000	0.1940	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	47172	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	100	2490	0.0100	0.009746	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	94	47630	0.2000	0.1978	
10 Acenaphthylene	152	6.997	6.997	0.000	99	2101	0.0100	0.008105	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	96	28056	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	89	1504	0.0100	0.009185	
13 Fluorene	166	7.654	7.654	0.000	89	1590	0.0100	0.008478	
14 4,6-Dinitro-2-methylphenol	198	7.715	7.715	0.000	61	1362	0.1000	0.0956	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	98	7152	0.2000	0.1829	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	95	388	0.005000	0.005664	
16 Pentachlorophenol	266	8.373	8.373	0.000	96	925	0.0500	0.0333	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	99	43731	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	94	1774	0.0100	0.009837	
19 Anthracene	178	8.618	8.618	0.000	98	1307	0.0100	0.0100	
21 Fluoranthene	202	9.690	9.690	0.000	92	1872	0.0100	0.0100	
22 Pyrene	202	9.894	9.894	0.000	99	1752	0.0100	0.009069	
$ 23 Terphenyl-d14	244	10.063	10.063	0.000	94	21244	0.2000	0.1976	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	9	1280	0.0100	0.009732	
* 25 Chrysene-d12	240	11.132	11.144	-0.012	97	19689	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	98	1602	0.0100	0.009834	
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	98	1287	0.0100	0.009254	
28 Benzo[k]fluoranthene	252	12.502	12.502	0.000	80	1546	0.0100	0.0103	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	98	1016	0.0100	0.0101	
* 30 Perylene-d12	264	12.971	12.983	-0.012	100	16675	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.485	14.485	0.000	86	1490	0.0100	0.0105	
32 Dibenz(a,h)anthracene	278	14.533	14.533	0.000	89	1594	0.0100	0.0105	

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	14.882	14.882	0.000	77	1670	0.0100	0.0100	

QC Flag Legend

Processing Flags

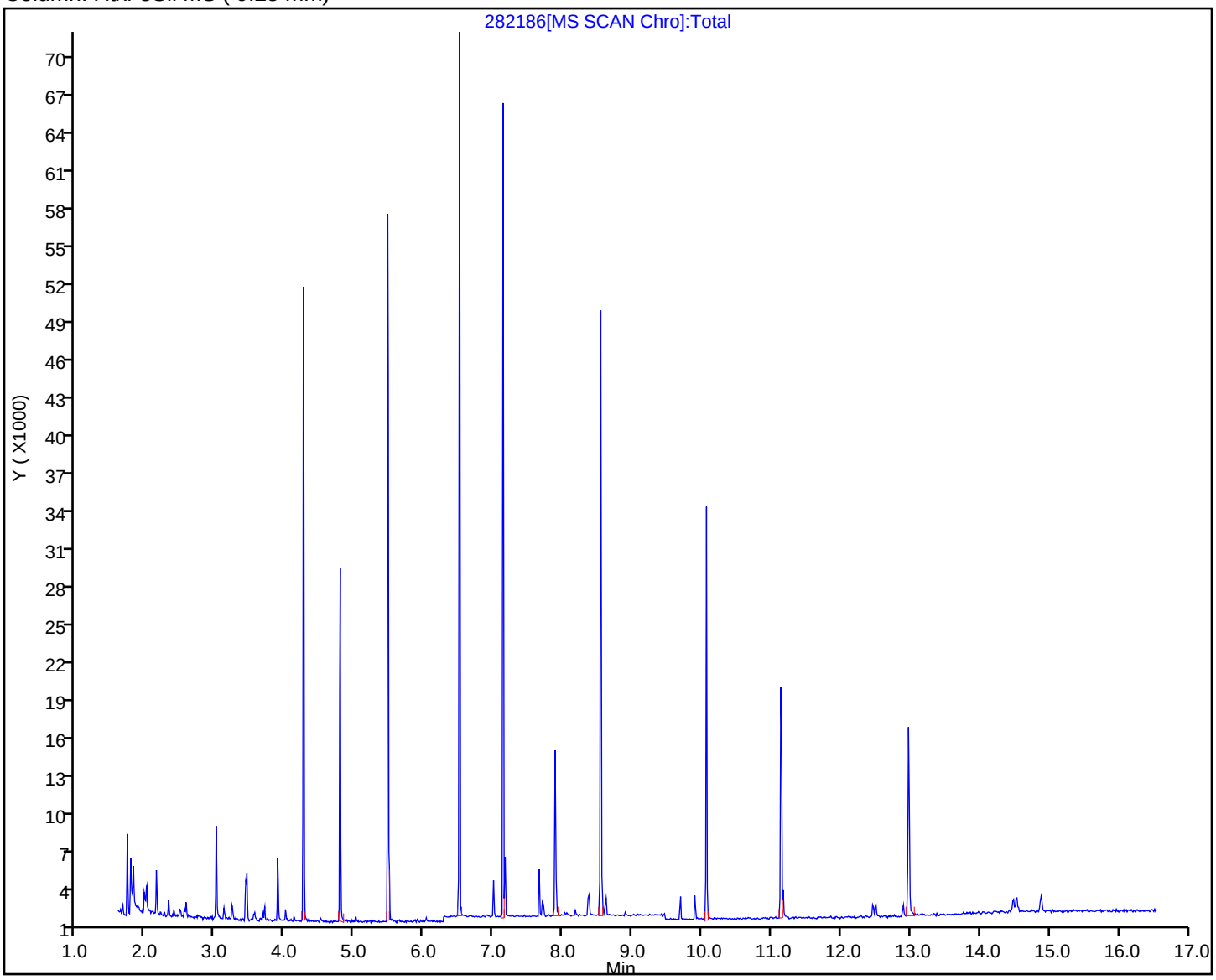
Reagents:

SM_simSlviL2_00019 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:32 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282186.D
Injection Date: 08-Nov-2023 09:39:30 Instrument ID: CBNAMS9
Lims ID: STD2
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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Nov-2023 10:23:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-008
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:33 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 10:43:23

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	1.724	1.692	0.032	95	654	0.0200	0.0196	
2 N-Nitrosodimethylamine	74	1.982	1.917	0.065	93	480	0.0200	0.0207	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	97	136	0.002000	0.001806	a
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	99	15611	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.790	4.790	0.000	97	7909	0.1000	0.0988	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	44208	0.2000	0.2000	
8 Naphthalene	128	5.498	5.498	0.000	84	1188	0.005000	0.004962	
$ 9 2-Fluorobiphenyl	172	6.508	6.508	0.000	94	23981	0.1000	0.1019	
10 Acenaphthylene	152	6.997	6.997	0.000	98	1268	0.005000	0.005005	
* 11 Acenaphthene-d10	164	7.134	7.134	0.000	96	27422	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	86	755	0.005000	0.004718	
13 Fluorene	166	7.654	7.654	0.000	92	838	0.005000	0.004572	
14 4,6-Dinitro-2-methylphenol	198	7.715	7.715	0.000	79	566	0.0400	0.0376	
$ 20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	93	3481	0.1000	0.0911	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	85	196	0.002000	0.002706	a
16 Pentachlorophenol	266	8.373	8.373	0.000	93	310	0.0200	0.0106	M
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	98	46236	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	78	1036	0.005000	0.005433	
19 Anthracene	178	8.618	8.618	0.000	82	727	0.005000	0.005273	
21 Fluoranthene	202	9.690	9.690	0.000	92	1008	0.005000	0.005102	
22 Pyrene	202	9.894	9.894	0.000	97	1005	0.005000	0.005093	
$ 23 Terphenyl-d14	244	10.063	10.063	0.000	95	10752	0.1000	0.0979	
24 Benzo[a]anthracene	228	11.132	11.132	0.000	7	671	0.005000	0.004995	
* 25 Chrysene-d12	240	11.144	11.144	0.000	90	20111	0.2000	0.2000	
26 Chrysene	228	11.168	11.168	0.000	66	932	0.005000	0.005601	
27 Benzo[b]fluoranthene	252	12.454	12.466	-0.012	95	662	0.005000	0.005014	
28 Benzo[k]fluoranthene	252	12.502	12.502	0.000	87	697	0.005000	0.004909	
29 Benzo[a]pyrene	252	12.899	12.899	0.000	94	535	0.005000	0.005575	
* 30 Perylene-d12	264	12.971	12.983	-0.012	99	15831	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.485	14.485	0.000	84	740	0.005000	0.005493	
32 Dibenz(a,h)anthracene	278	14.533	14.533	0.000	91	851	0.005000	0.005897	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	14.882	14.882	0.000	69	1042	0.005000	0.006579	

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: 08-Nov-2023 11:56:33 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D

Injection Date: 08-Nov-2023 10:23:30 Instrument ID: CBNAMS9

Lims ID: STD1

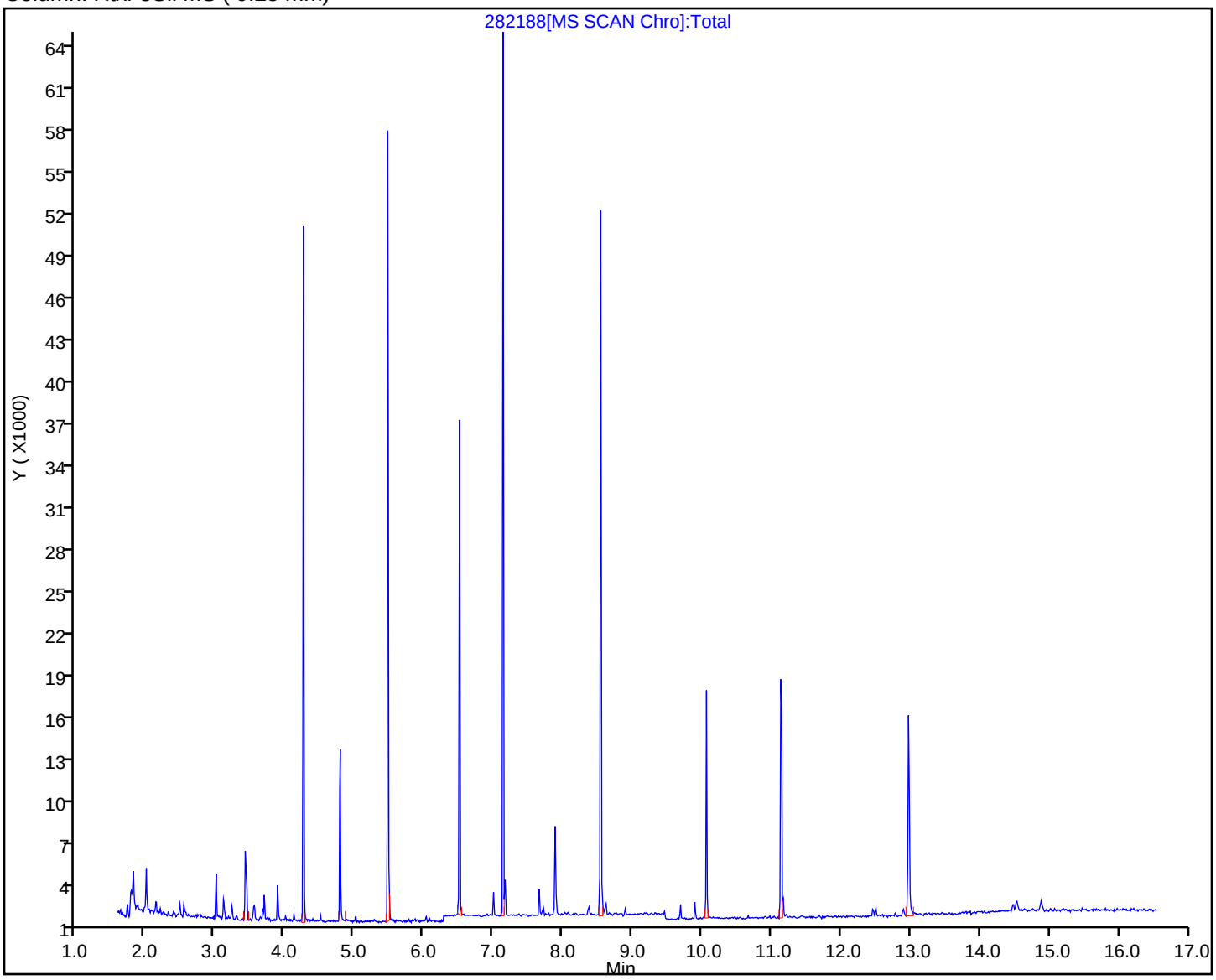
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

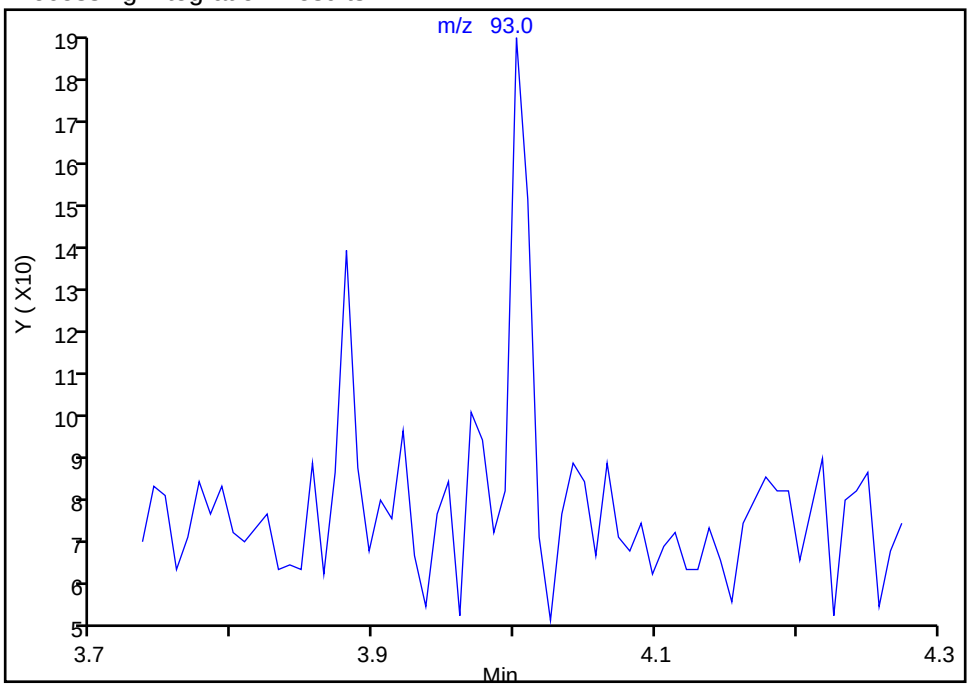
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D				
Injection Date:	08-Nov-2023 10:23:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

3 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

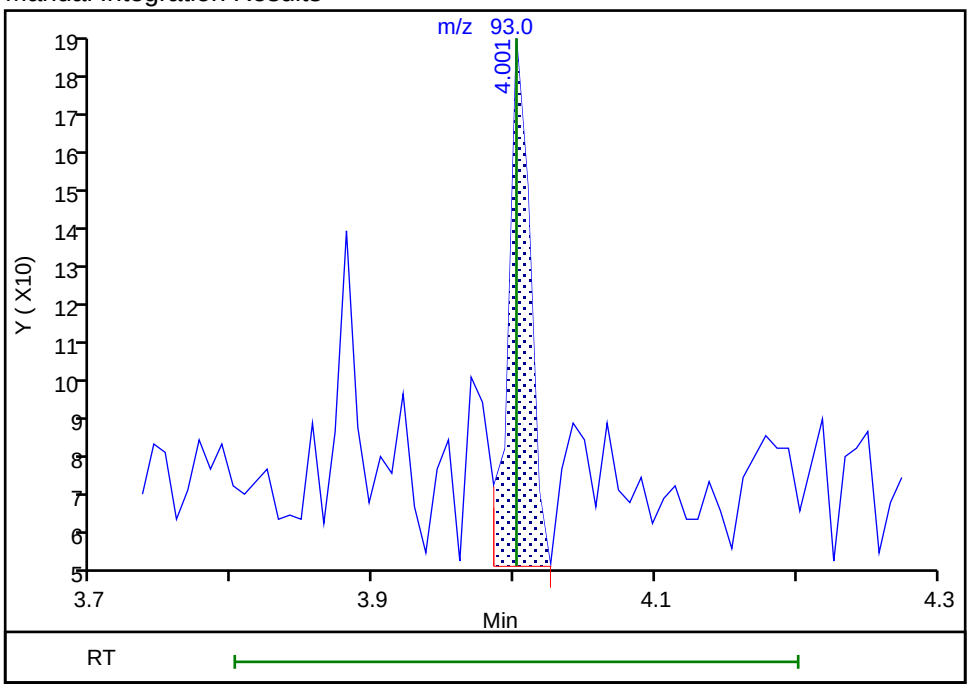
Not Detected
Expected RT: 4.00

Processing Integration Results



Manual Integration Results

RT: 4.00
Area: 136
Amount: 0.001806
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:26:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

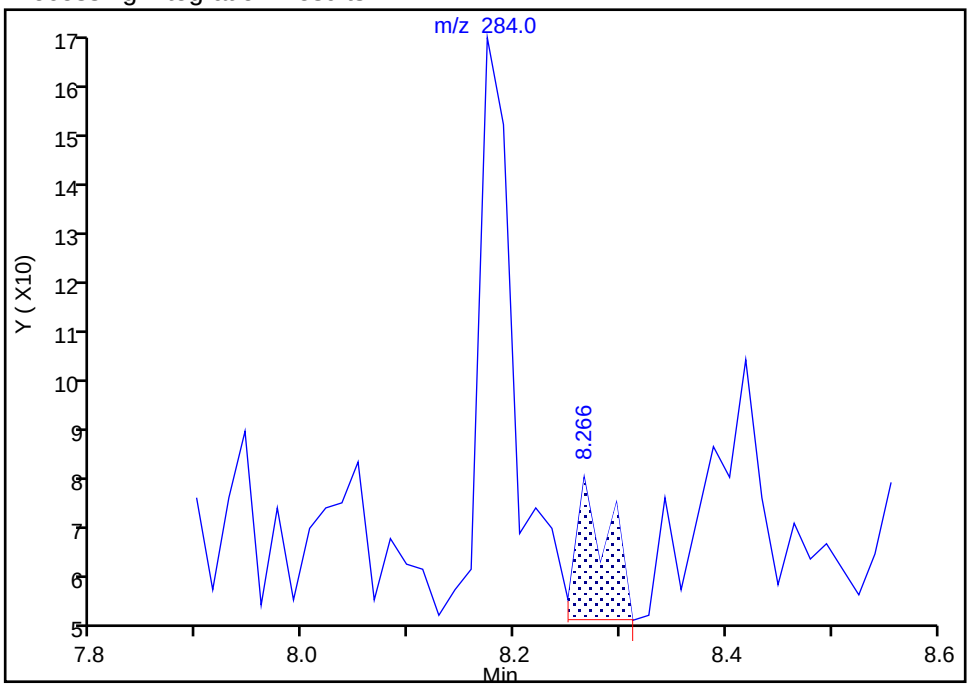
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D				
Injection Date:	08-Nov-2023 10:23:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

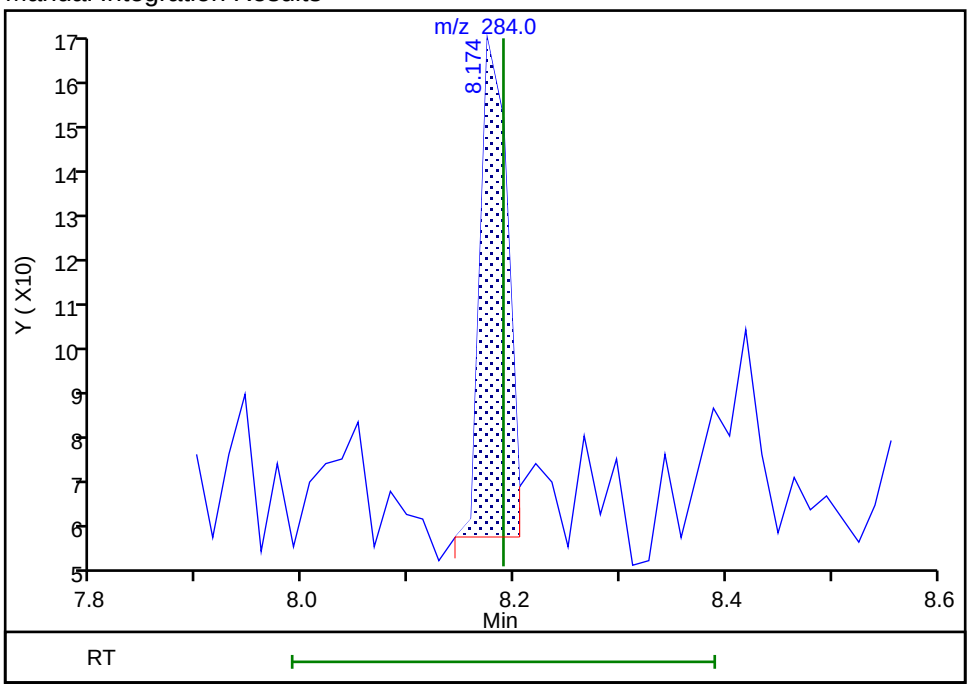
Processing Integration Results

RT: 8.27
Area: 61
Amount: 0.001408
Amount Units: ug/ml



Manual Integration Results

RT: 8.17
Area: 196
Amount: 0.002706
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:26:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

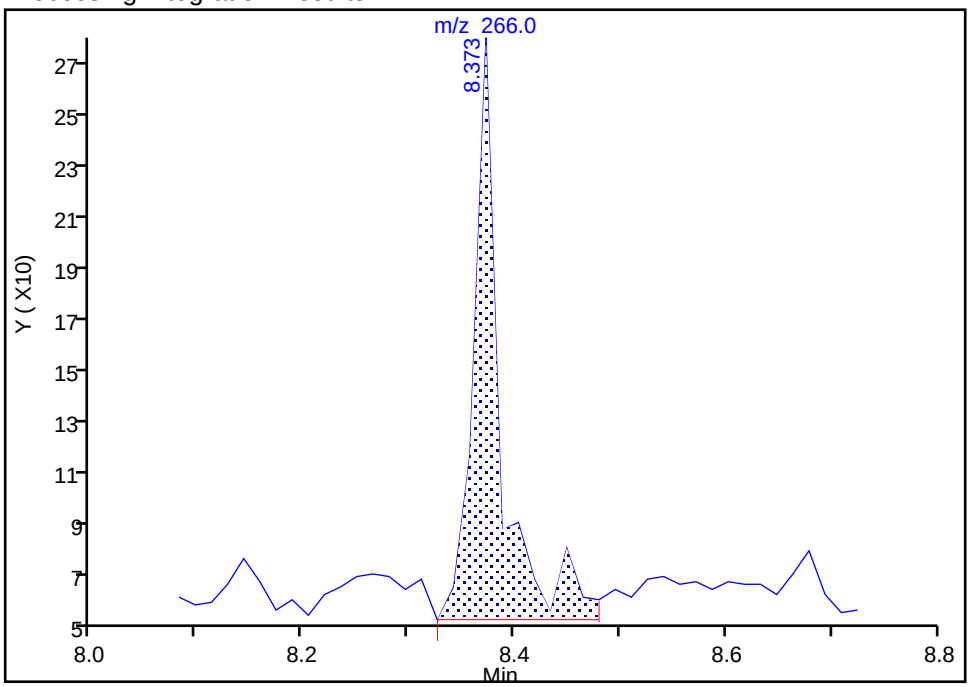
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D				
Injection Date:	08-Nov-2023 10:23:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

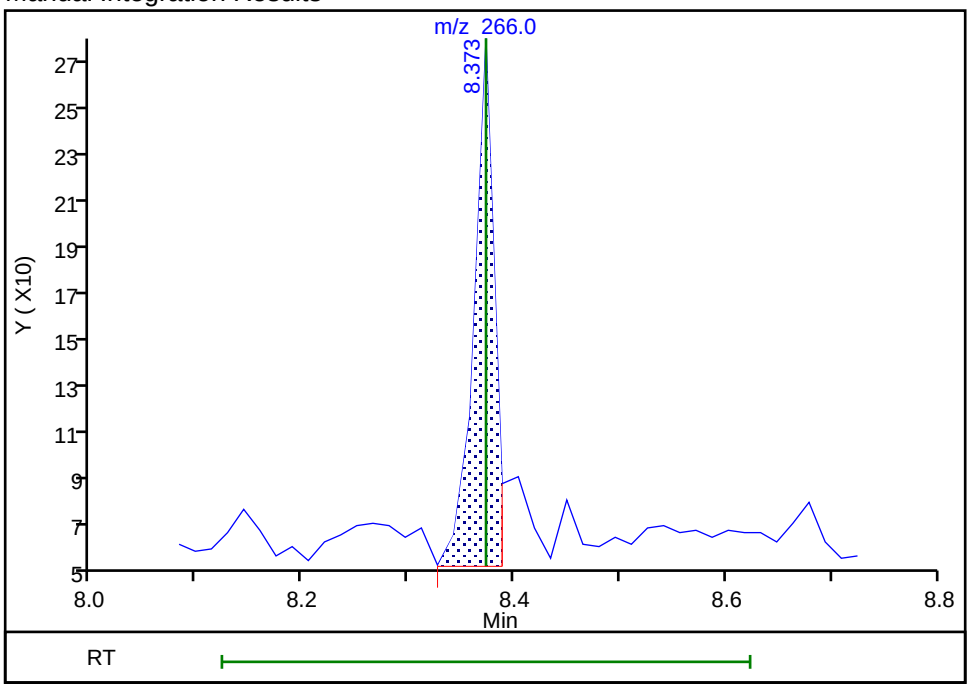
Processing Integration Results

RT: 8.37
Area: 404
Amount: 0.033525
Amount Units: ug/ml



Manual Integration Results

RT: 8.37
Area: 310
Amount: 0.010572
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:39:31 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

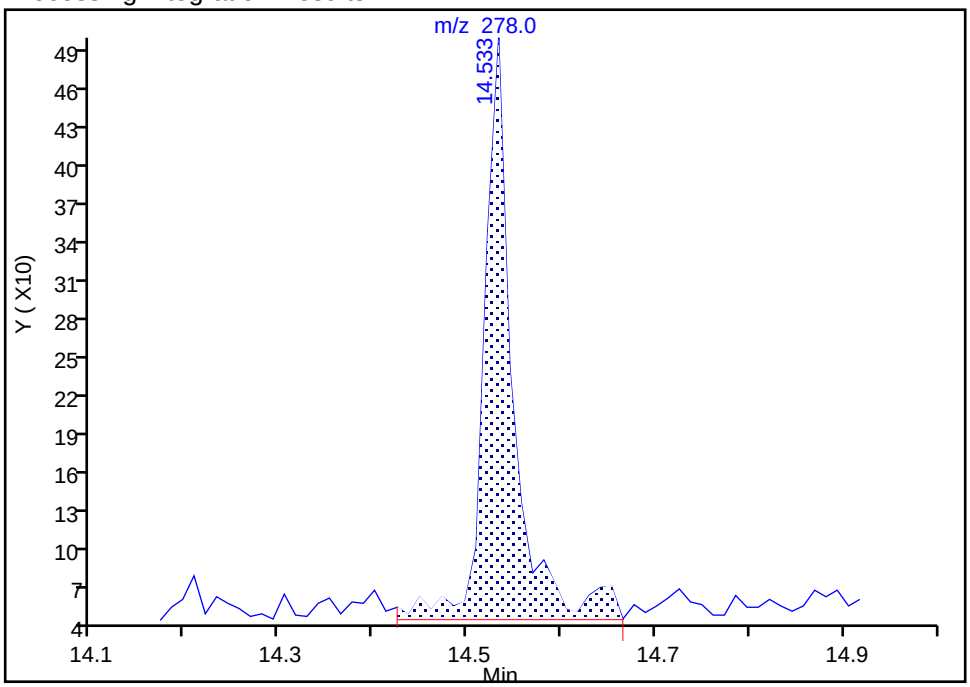
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282188.D				
Injection Date:	08-Nov-2023 10:23:30	Instrument ID:	CBNAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

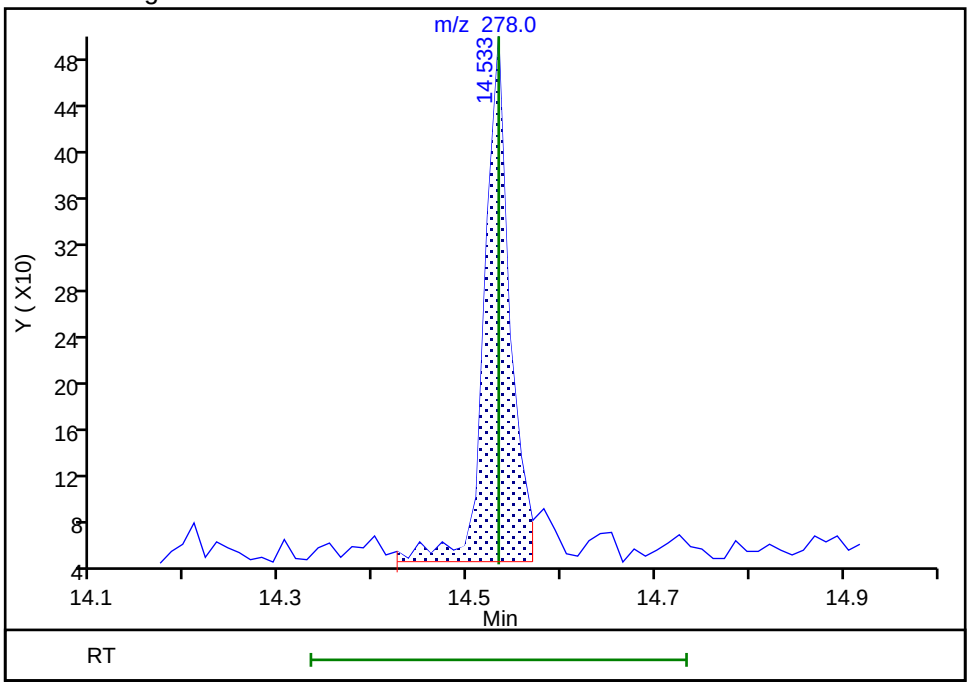
Processing Integration Results

RT: 14.53
Area: 960
Amount: 0.006358
Amount Units: ug/ml



Manual Integration Results

RT: 14.53
Area: 851
Amount: 0.005897
Amount Units: ug/ml



Reviewer: G4KC, 08-Nov-2023 11:39:42 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 08-Nov-2023 11:30:30 ALS Bottle#: 2 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-009
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 11:56:34 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 11:49:24

	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	1.708	1.708	0.000	89	23574	0.8000	0.7791	
	2 N-Nitrosodimethylamine	74	1.934	1.934	0.000	94	14167	0.4000	0.3794	
	3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	89	27406	0.4000	0.4008	
*	5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	98	14173	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.782	4.782	0.000	92	67316	1.00	0.9269	
*	7 Naphthalene-d8	136	5.474	5.474	0.000	99	40122	0.2000	0.2000	
	8 Naphthalene	128	5.498	5.498	0.000	100	43822	0.2000	0.2017	
$	9 2-Fluorobiphenyl	172	6.508	6.508	0.000	94	207137	1.00	0.9278	
	10 Acenaphthylene	152	6.997	6.997	0.000	100	48464	0.2000	0.2017	
*	11 Acenaphthene-d10	164	7.135	7.135	0.000	94	26007	0.2000	0.2000	
	12 Acenaphthene	154	7.165	7.165	0.000	95	30008	0.2000	0.1977	
	13 Fluorene	166	7.654	7.654	0.000	95	35468	0.2000	0.2040	
	14 4,6-Dinitro-2-methylphenol	198	7.700	7.700	0.000	79	10951	0.8000	0.7592	
$	20 2,4,6-Tribromophenol	330	7.884	7.884	0.000	96	35103	1.00	0.9687	
	15 Hexachlorobenzene	284	8.174	8.174	0.000	98	25114	0.4000	0.3621	
	16 Pentachlorophenol	266	8.358	8.358	0.000	70	9707	0.4000	0.3335	
*	17 Phenanthrene-d10	188	8.541	8.541	0.000	100	44275	0.2000	0.2000	
	18 Phenanthrene	178	8.556	8.556	0.000	98	35455	0.2000	0.1942	
	19 Anthracene	178	8.618	8.618	0.000	98	24923	0.2000	0.1888	
	21 Fluoranthene	202	9.690	9.690	0.000	92	37162	0.2000	0.1964	
	22 Pyrene	202	9.894	9.894	0.000	97	40014	0.2000	0.2019	
$	23 Terphenyl-d14	244	10.063	10.063	0.000	94	110095	1.00	1.00	
	24 Benzo[a]anthracene	228	11.132	11.132	0.000	84	25641	0.2000	0.1900	
*	25 Chrysene-d12	240	11.132	11.132	0.000	60	20198	0.2000	0.2000	
	26 Chrysene	228	11.168	11.168	0.000	99	31695	0.2000	0.1897	
	27 Benzo[b]fluoranthene	252	12.454	12.454	0.000	100	26294	0.2000	0.1927	
	28 Benzo[k]fluoranthene	252	12.490	12.490	0.000	97	28293	0.2000	0.1929	
	29 Benzo[a]pyrene	252	12.899	12.899	0.000	99	18138	0.2000	0.1829	
*	30 Perylene-d12	264	12.971	12.971	0.000	100	16357	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.485	14.485	0.000	85	24303	0.2000	0.1746	
	32 Dibenz(a,h)anthracene	278	14.521	14.521	0.000	96	26046	0.2000	0.1747	

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	14.882	14.882	0.000	74	28769	0.2000	0.1758	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 11:56:34 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Injection Date: 08-Nov-2023 11:30:30 Instrument ID: CBNAMS9

Lims ID: ICIS

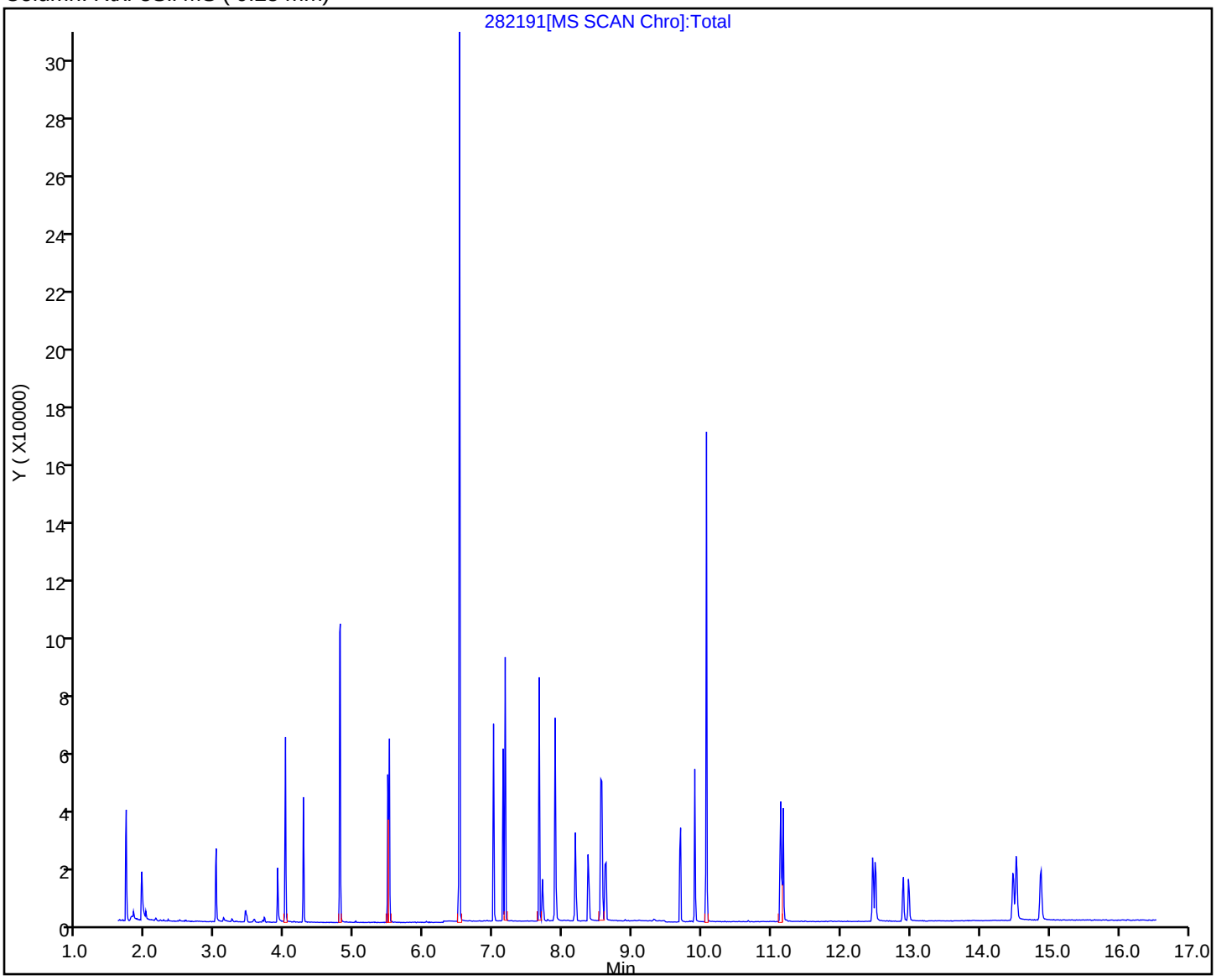
Client ID:

Operator ID: ALS Bottle#: 2 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)



Calibration / 1,4-Dioxane

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

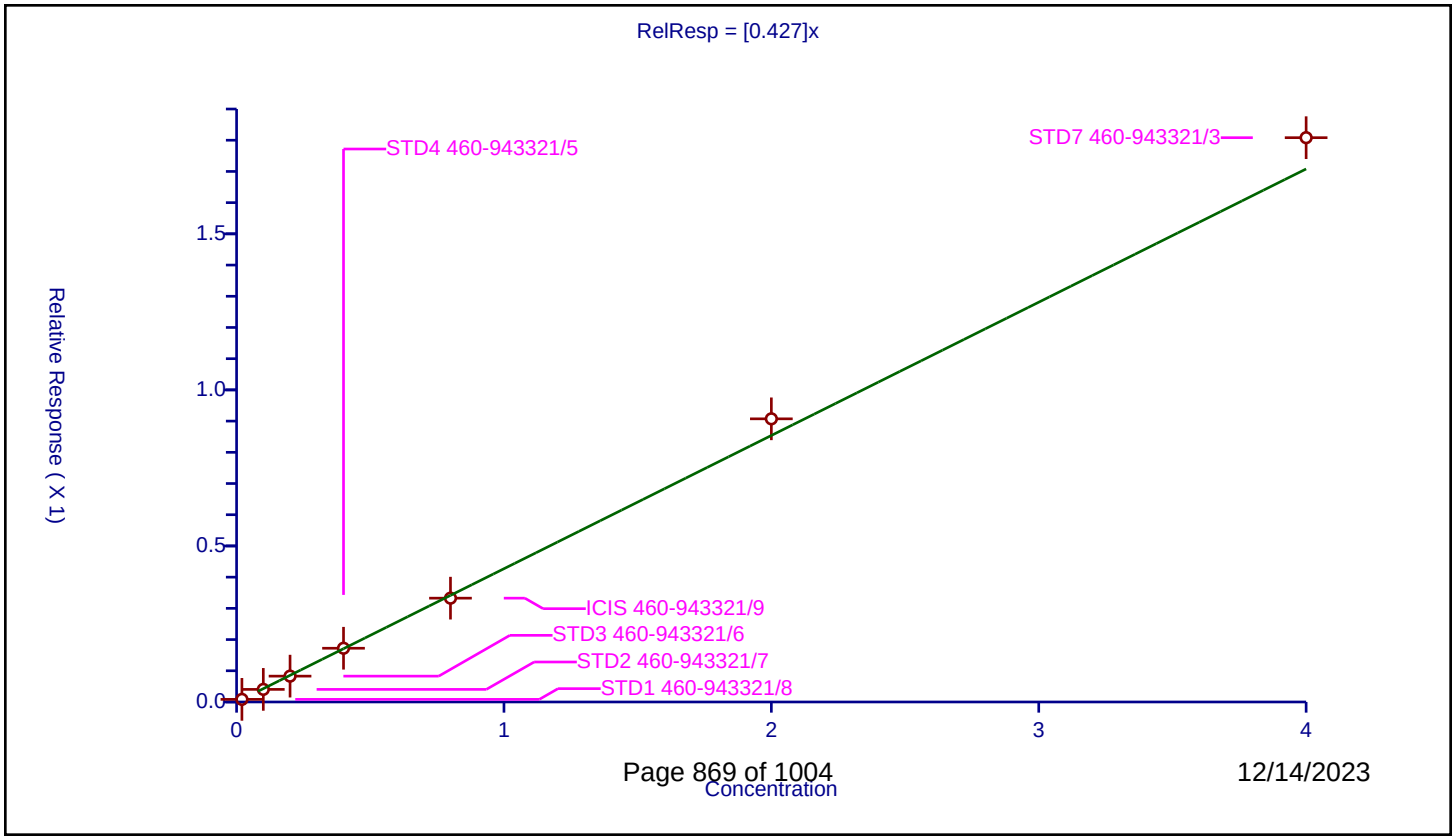
Curve Coefficients

Intercept:	0
Slope:	0.427

Error Coefficients

Standard Error:	56500
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.02	0.008379	0.2	15611.0	0.418935	Y
2	STD2 460-943321/7	0.1	0.04035	0.2	17264.0	0.403499	Y
3	STD3 460-943321/6	0.2	0.082875	0.2	17740.0	0.414374	Y
4	STD4 460-943321/5	0.4	0.172235	0.2	15984.0	0.430587	Y
5	ICIS 460-943321/9	0.8	0.332661	0.2	14173.0	0.415826	Y
6	STD6 460-943321/4	2.0	0.907326	0.2	13719.0	0.453663	Y
7	STD7 460-943321/3	4.0	1.808114	0.2	13310.0	0.452029	Y



Calibration / N-Nitrosodimethylamine

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

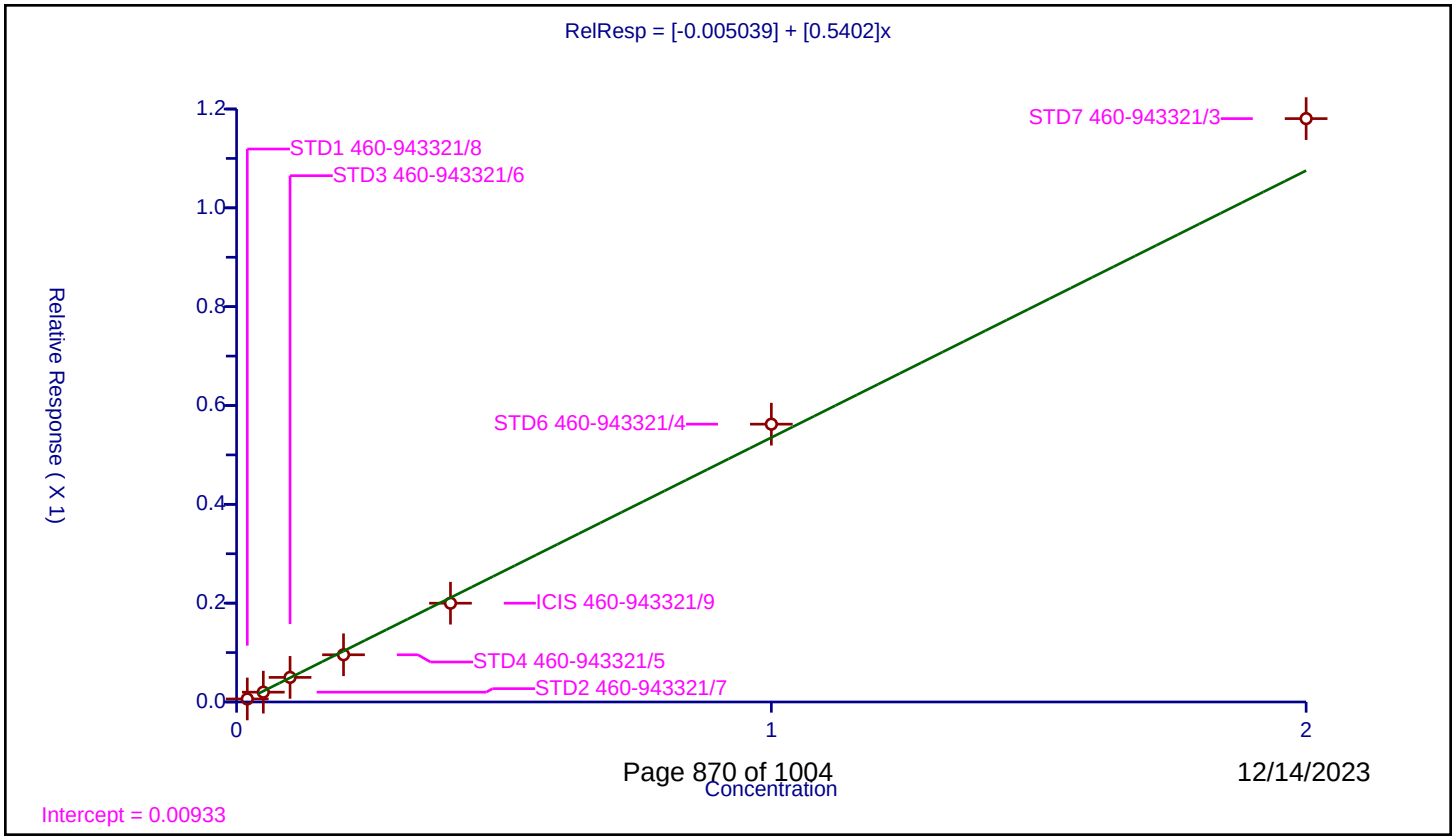
Curve Coefficients

Intercept:	-0.005039
Slope:	0.5402

Error Coefficients

Standard Error:	39900
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.02	0.00615	0.2	15611.0	0.307475	Y
2	STD2 460-943321/7	0.05	0.019868	0.2	17264.0	0.397359	Y
3	STD3 460-943321/6	0.1	0.049808	0.2	17740.0	0.498083	Y
4	STD4 460-943321/5	0.2	0.095546	0.2	15984.0	0.477728	Y
5	ICIS 460-943321/9	0.4	0.199915	0.2	14173.0	0.499788	Y
6	STD6 460-943321/4	1.0	0.562242	0.2	13719.0	0.562242	Y
7	STD7 460-943321/3	2.0	1.180586	0.2	13310.0	0.590293	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

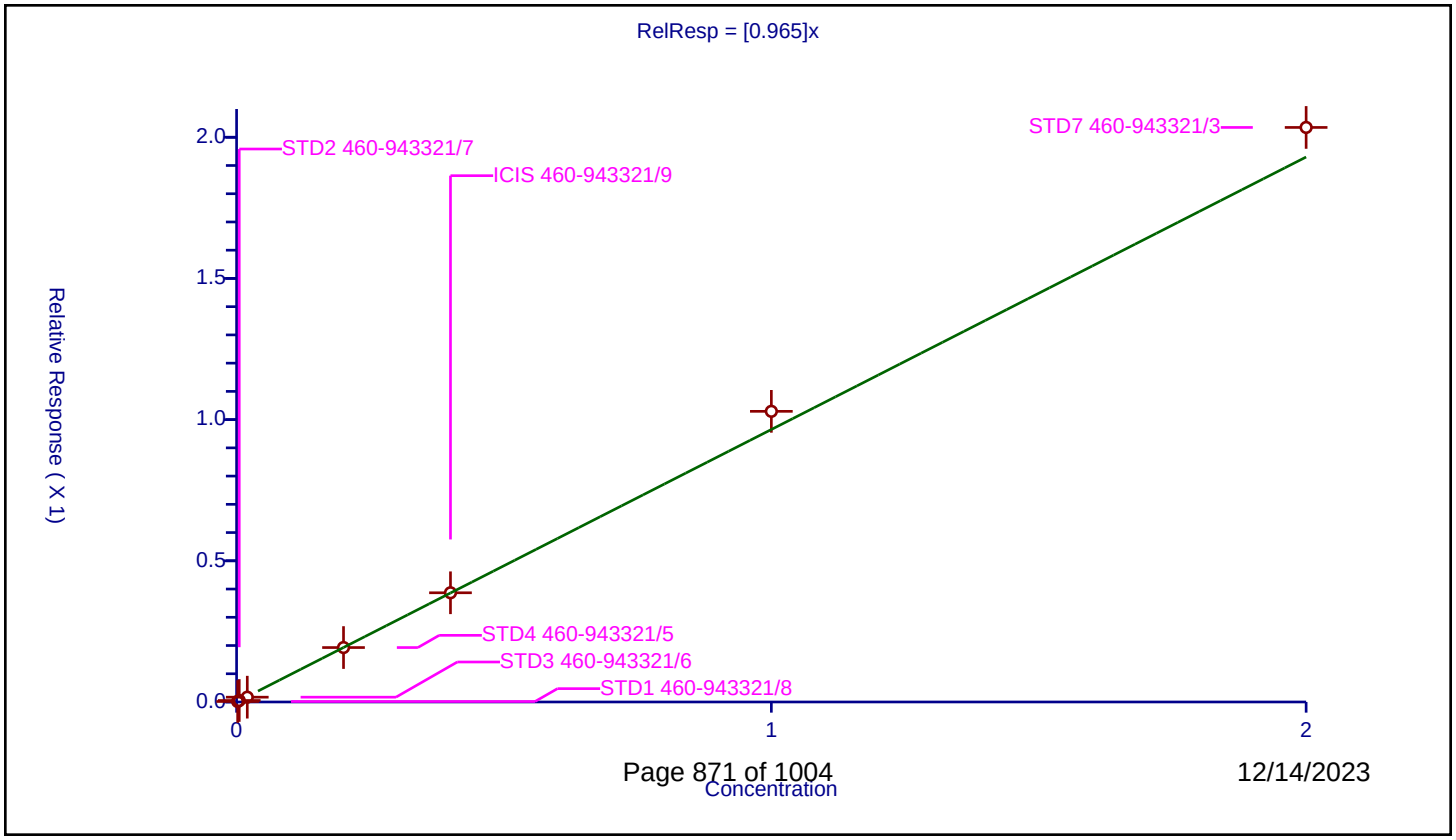
Curve Coefficients

Intercept:	0
Slope:	0.965

Error Coefficients

Standard Error:	63700
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.002	0.001742	0.2	15611.0	0.871181	Y
2	STD2 460-943321/7	0.005	0.005271	0.2	17264.0	1.054217	Y
3	STD3 460-943321/6	0.02	0.017035	0.2	17740.0	0.851747	Y
4	STD4 460-943321/5	0.2	0.192843	0.2	15984.0	0.964214	Y
5	ICIS 460-943321/9	0.4	0.386735	0.2	14173.0	0.966838	Y
6	STD6 460-943321/4	1.0	1.029317	0.2	13719.0	1.029317	Y
7	STD7 460-943321/3	2.0	2.034711	0.2	13310.0	1.017355	Y



Calibration / Nitrobenzene-d5

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

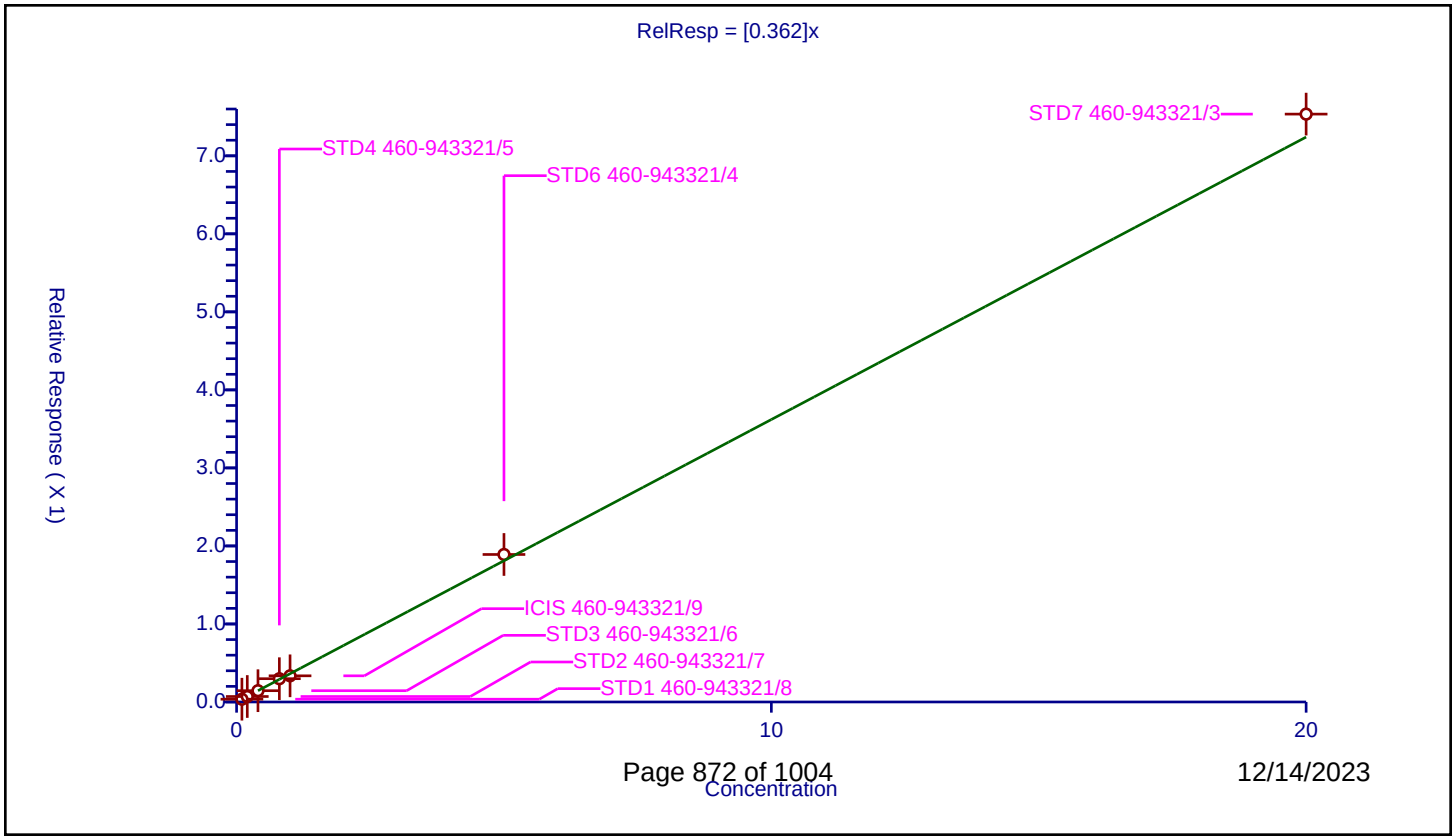
Curve Coefficients

Intercept:	0
Slope:	0.362

Error Coefficients

Standard Error:	597000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.1	0.035781	0.2	44208.0	0.357809	Y
2	STD2 460-943321/7	0.2	0.07022	0.2	47172.0	0.351098	Y
3	STD3 460-943321/6	0.4	0.144728	0.2	48607.0	0.36182	Y
4	STD4 460-943321/5	0.8	0.298371	0.2	44200.0	0.372964	Y
5	ICIS 460-943321/9	1.0	0.335557	0.2	40122.0	0.335557	Y
6	STD6 460-943321/4	5.0	1.890613	0.2	39244.0	0.378123	Y
7	STD7 460-943321/3	20.0	7.534601	0.2	37432.0	0.37673	Y



Calibration / Naphthalene

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

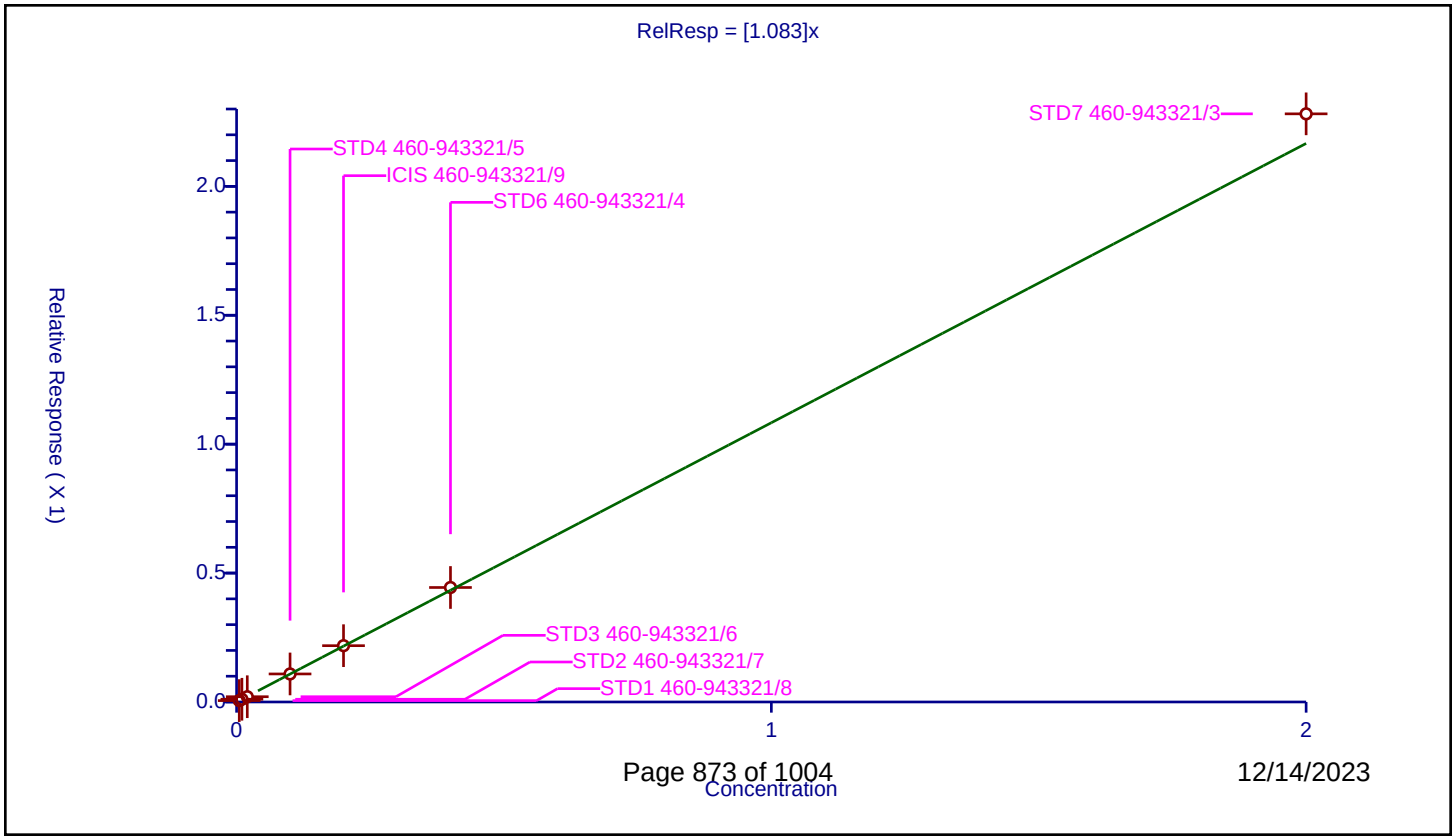
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Standard Error:	179000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.005375	0.2	44208.0	1.074919	Y
2	STD2 460-943321/7	0.01	0.010557	0.2	47172.0	1.055711	Y
3	STD3 460-943321/6	0.02	0.020433	0.2	48607.0	1.021664	Y
4	STD4 460-943321/5	0.1	0.108738	0.2	44200.0	1.087376	Y
5	ICIS 460-943321/9	0.2	0.218444	0.2	40122.0	1.092219	Y
6	STD6 460-943321/4	0.4	0.444047	0.2	39244.0	1.110119	Y
7	STD7 460-943321/3	2.0	2.281305	0.2	37432.0	1.140652	Y



Calibration / 2-Fluorobiphenyl

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

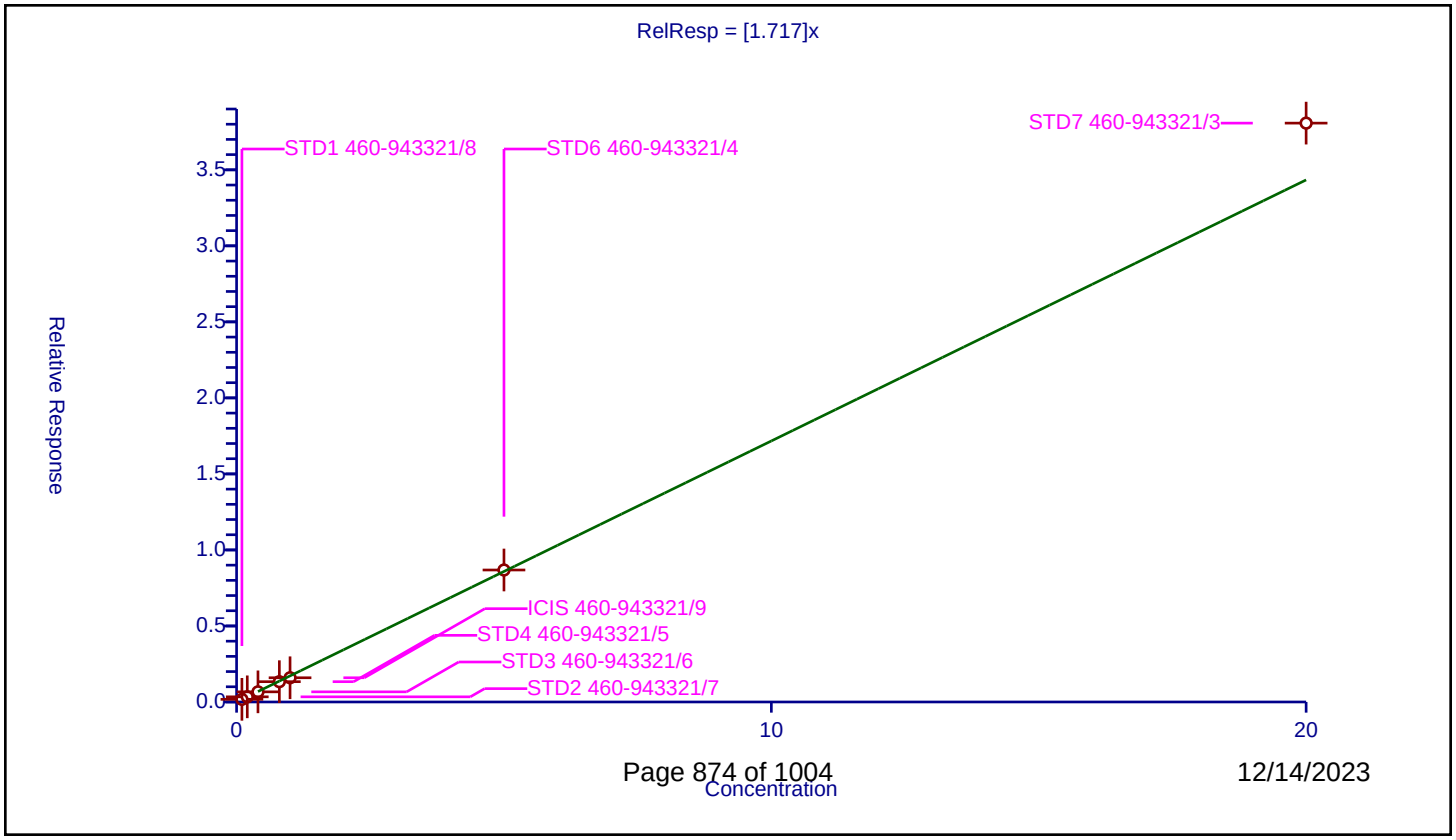
Curve Coefficients

Intercept:	0
Slope:	1.717

Error Coefficients

Standard Error:	1720000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.1	0.174903	0.2	27422.0	1.749034	Y
2	STD2 460-943321/7	0.2	0.339535	0.2	28056.0	1.697676	Y
3	STD3 460-943321/6	0.4	0.667897	0.2	30355.0	1.669741	Y
4	STD4 460-943321/5	0.8	1.335166	0.2	27498.0	1.668958	Y
5	ICIS 460-943321/9	1.0	1.592933	0.2	26007.0	1.592933	Y
6	STD6 460-943321/4	5.0	8.68055	0.2	24879.0	1.73611	Y
7	STD7 460-943321/3	20.0	38.071491	0.2	21362.0	1.903575	Y



Calibration / Acenaphthylene

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

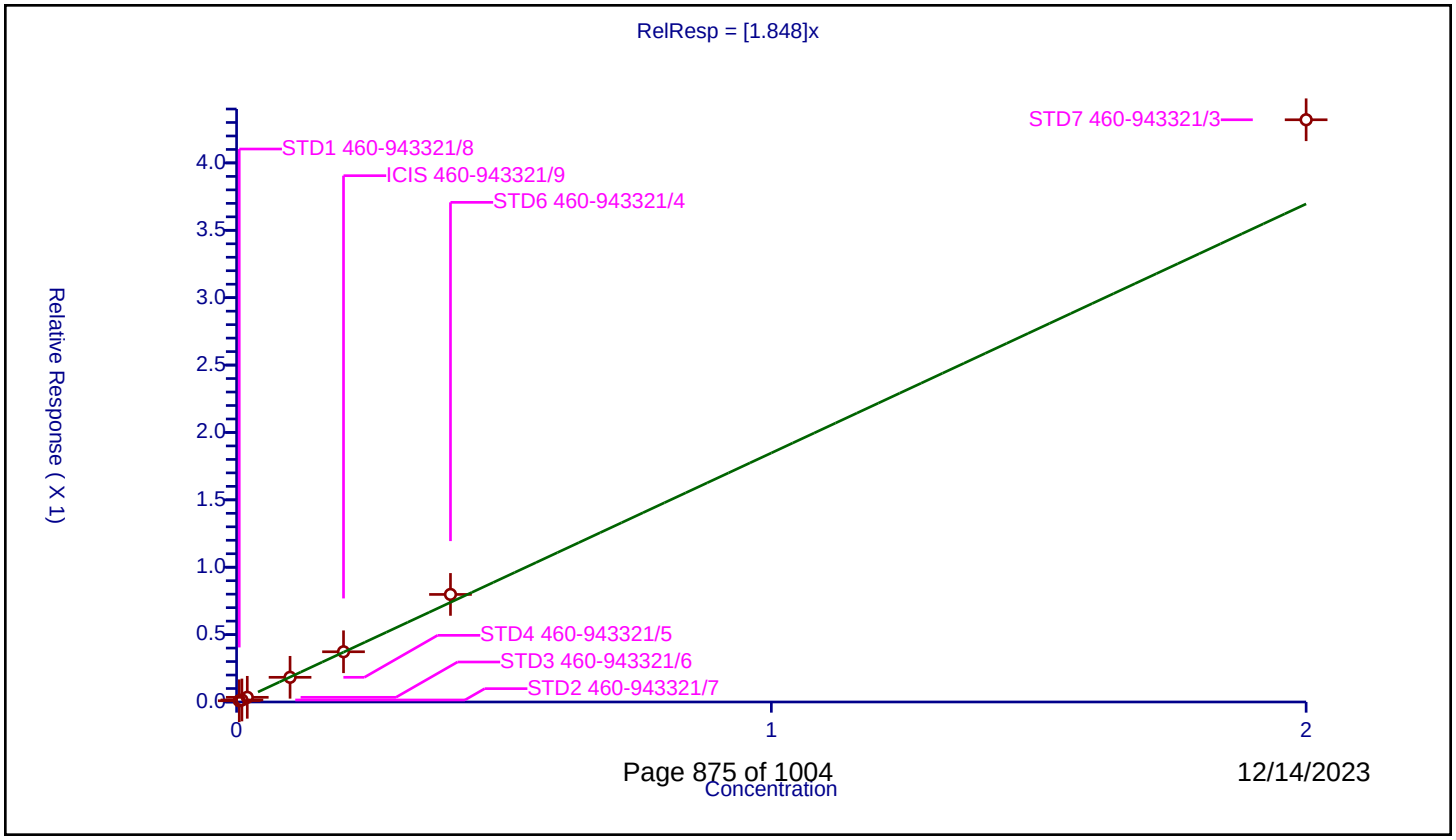
Curve Coefficients

Intercept:	0
Slope:	1.848

Error Coefficients

Standard Error:	194000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.009248	0.2	27422.0	1.84961	Y
2	STD2 460-943321/7	0.01	0.014977	0.2	28056.0	1.497719	Y
3	STD3 460-943321/6	0.02	0.034755	0.2	30355.0	1.73777	Y
4	STD4 460-943321/5	0.1	0.183141	0.2	27498.0	1.831406	Y
5	ICIS 460-943321/9	0.2	0.3727	0.2	26007.0	1.863498	Y
6	STD6 460-943321/4	0.4	0.798071	0.2	24879.0	1.995177	Y
7	STD7 460-943321/3	2.0	4.320354	0.2	21362.0	2.160177	Y



Calibration / Acenaphthene

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

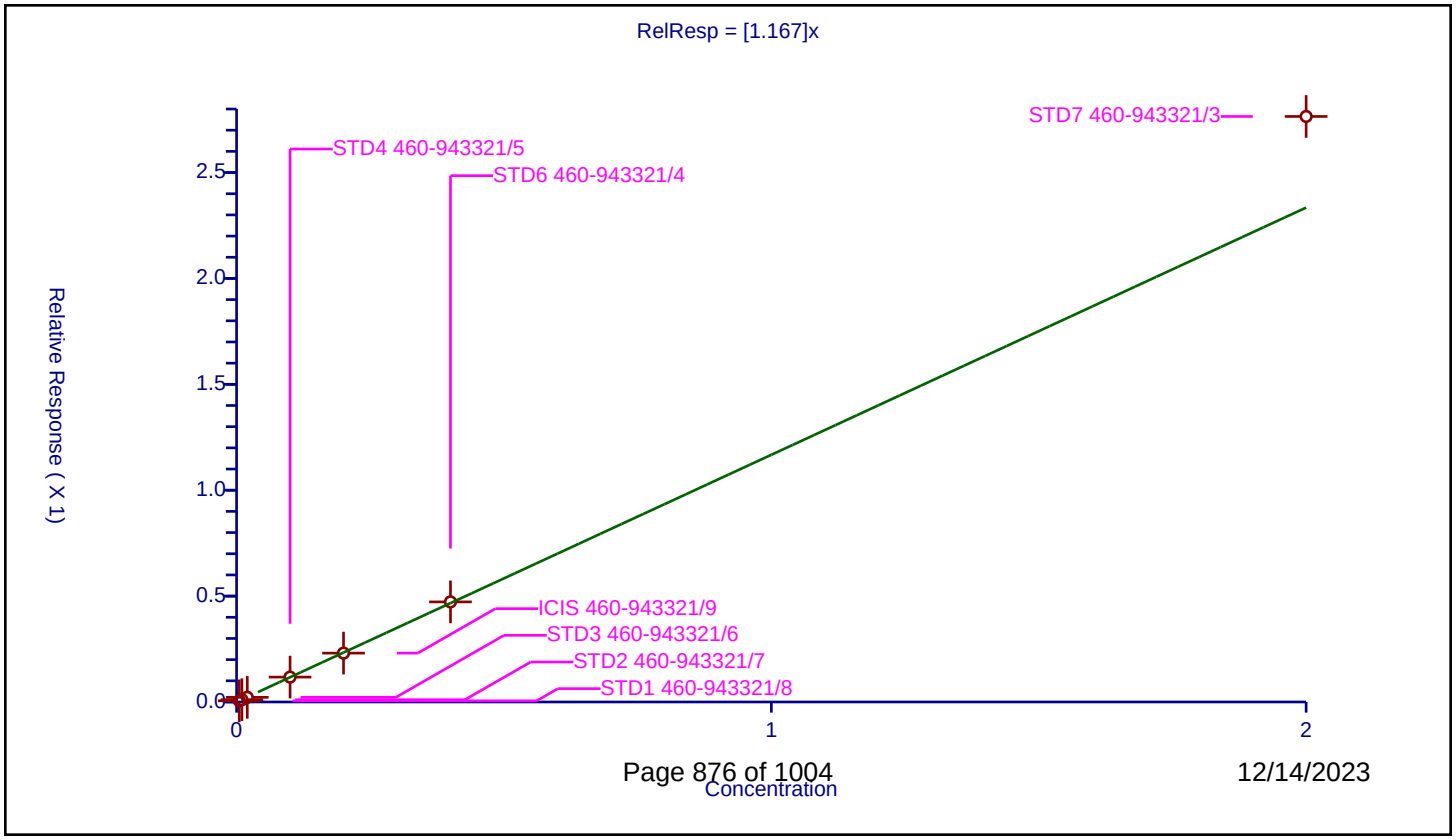
Curve Coefficients

Intercept:	0
Slope:	1.167

Error Coefficients

Standard Error:	124000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.005507	0.2	27422.0	1.101306	Y
2	STD2 460-943321/7	0.01	0.010721	0.2	28056.0	1.072141	Y
3	STD3 460-943321/6	0.02	0.022085	0.2	30355.0	1.104266	Y
4	STD4 460-943321/5	0.1	0.117507	0.2	27498.0	1.175067	Y
5	ICIS 460-943321/9	0.2	0.230769	0.2	26007.0	1.153843	Y
6	STD6 460-943321/4	0.4	0.472648	0.2	24879.0	1.181619	Y
7	STD7 460-943321/3	2.0	2.764882	0.2	21362.0	1.382441	Y



Calibration / Fluorene

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

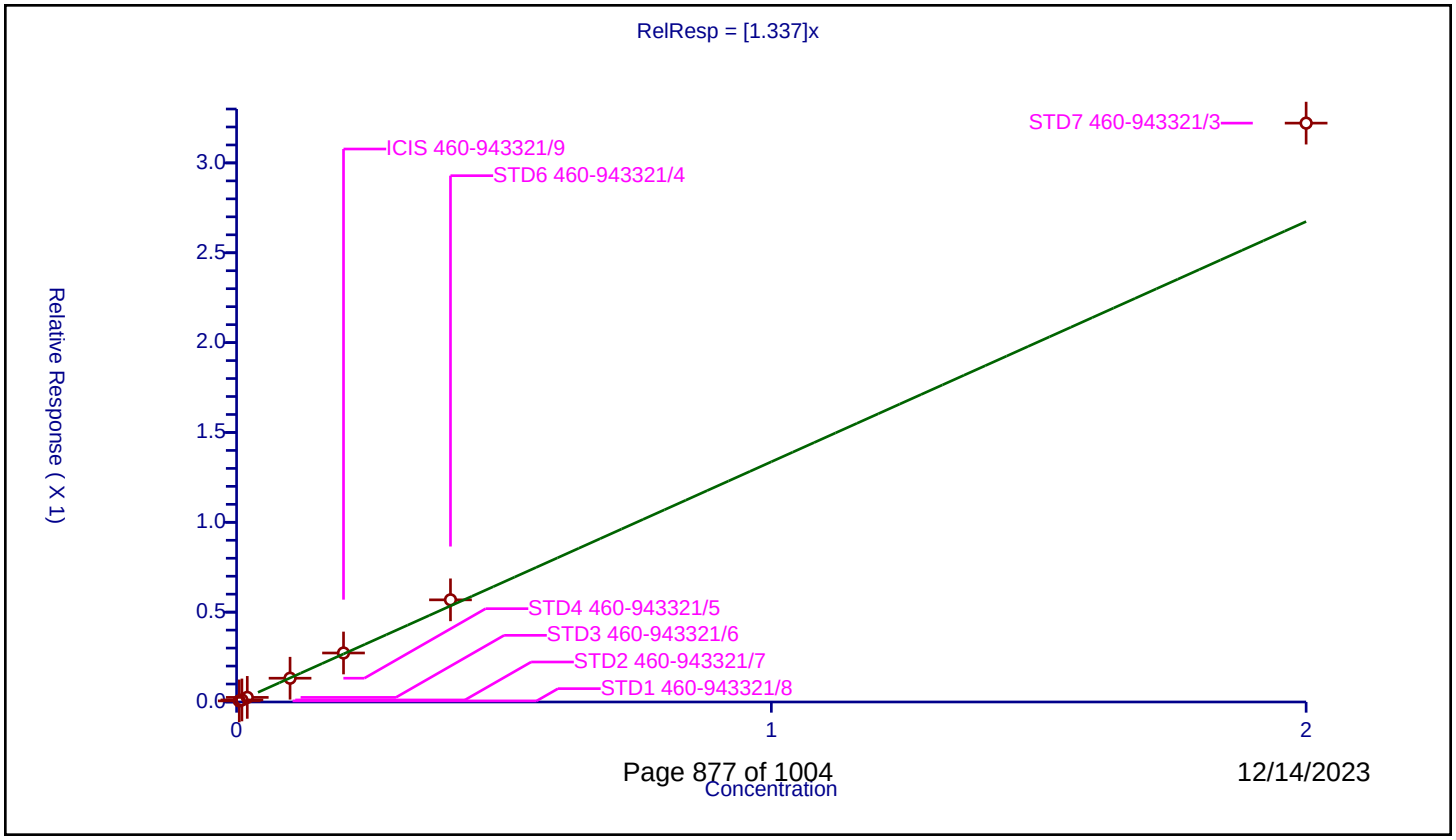
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Standard Error:	144000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.006112	0.2	27422.0	1.222376	Y
2	STD2 460-943321/7	0.01	0.011334	0.2	28056.0	1.133447	Y
3	STD3 460-943321/6	0.02	0.02567	0.2	30355.0	1.283479	Y
4	STD4 460-943321/5	0.1	0.132301	0.2	27498.0	1.323005	Y
5	ICIS 460-943321/9	0.2	0.272757	0.2	26007.0	1.363787	Y
6	STD6 460-943321/4	0.4	0.56852	0.2	24879.0	1.421299	Y
7	STD7 460-943321/3	2.0	3.22144	0.2	21362.0	1.61072	Y



Calibration / 4,6-Dinitro-2-methylphenol

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

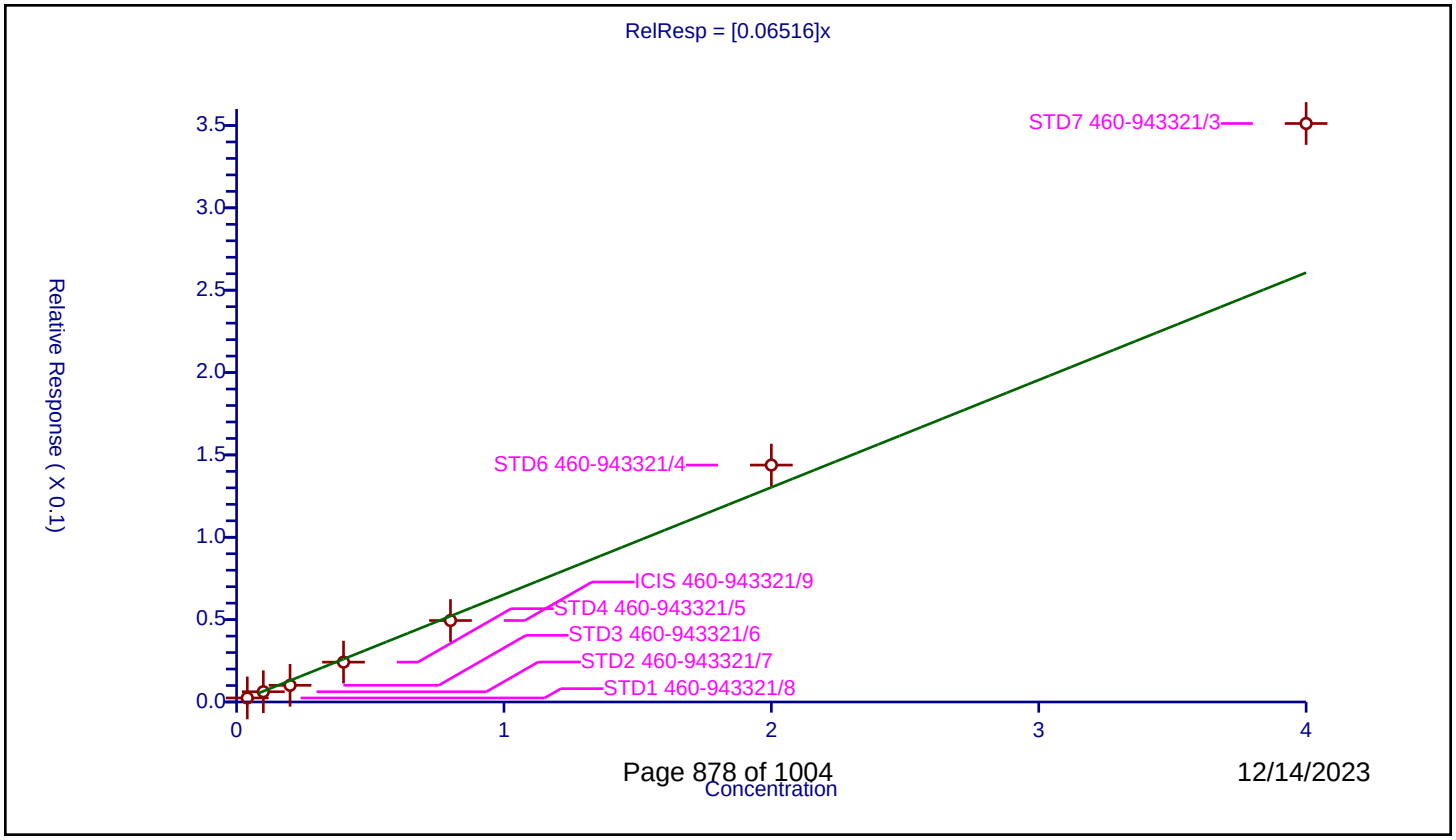
Curve Coefficients

Intercept:	0
Slope:	0.06516

Error Coefficients

Standard Error:	30400
Relative Standard Error:	18.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.04	0.002448	0.2	46236.0	0.061208	Y
2	STD2 460-943321/7	0.1	0.006229	0.2	43731.0	0.06229	Y
3	STD3 460-943321/6	0.2	0.010119	0.2	50362.0	0.050594	Y
4	STD4 460-943321/5	0.4	0.024192	0.2	43931.0	0.060481	Y
5	ICIS 460-943321/9	0.8	0.049468	0.2	44275.0	0.061835	Y
6	STD6 460-943321/4	2.0	0.143837	0.2	43331.0	0.071918	Y
7	STD7 460-943321/3	4.0	0.351212	0.2	37776.0	0.087803	Y



Calibration / 2,4,6-Tribromophenol

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

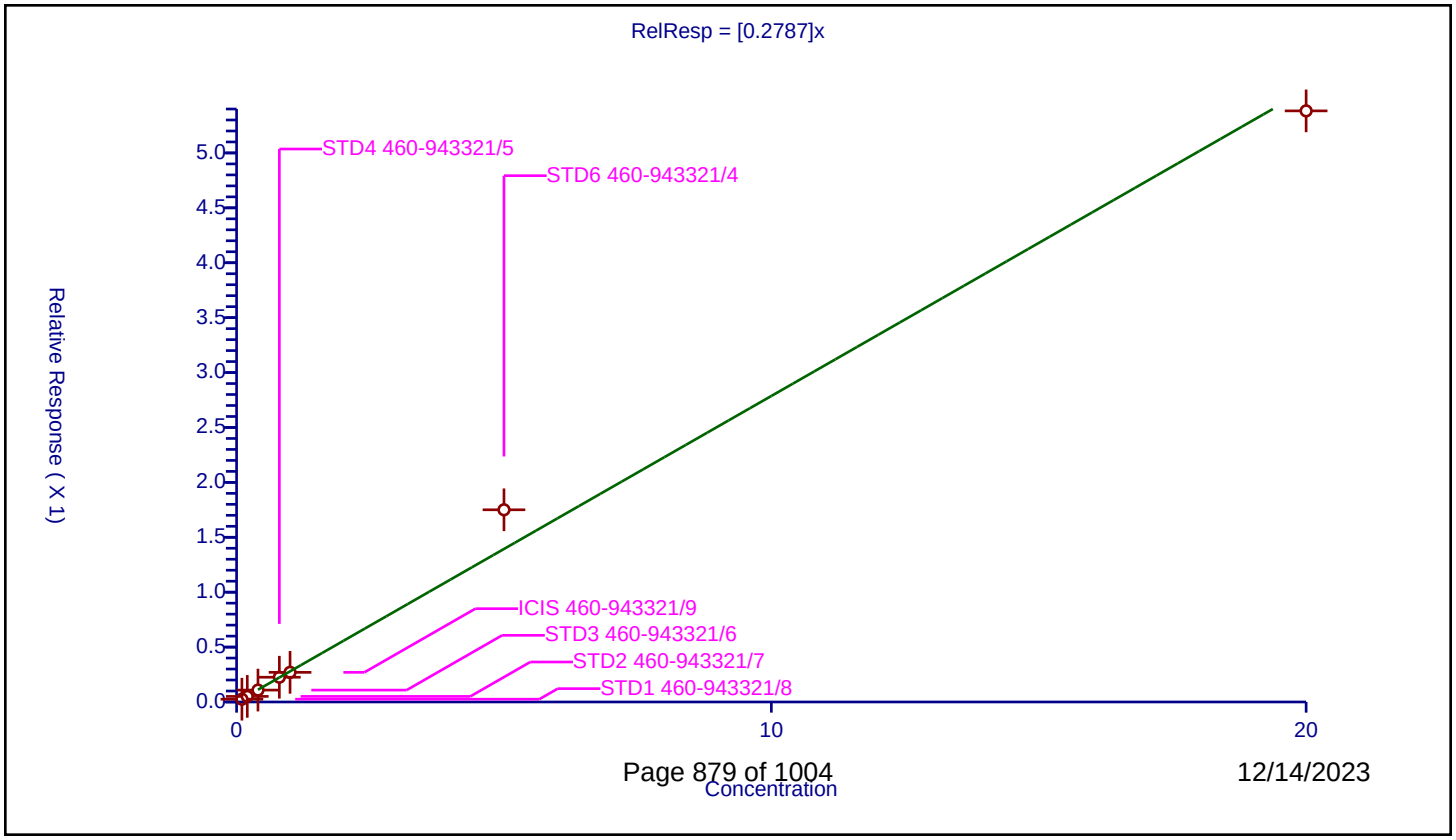
Curve Coefficients

Intercept:	0
Slope:	0.2787

Error Coefficients

Standard Error:	252000
Relative Standard Error:	11.8
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.1	0.025388	0.2	27422.0	0.253884	Y
2	STD2 460-943321/7	0.2	0.050984	0.2	28056.0	0.254919	Y
3	STD3 460-943321/6	0.4	0.108351	0.2	30355.0	0.270878	Y
4	STD4 460-943321/5	0.8	0.225522	0.2	27498.0	0.281902	Y
5	ICIS 460-943321/9	1.0	0.26995	0.2	26007.0	0.26995	Y
6	STD6 460-943321/4	5.0	1.750312	0.2	24879.0	0.350062	Y
7	STD7 460-943321/3	20.0	5.382951	0.2	21362.0	0.269148	Y



Calibration / Hexachlorobenzene

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

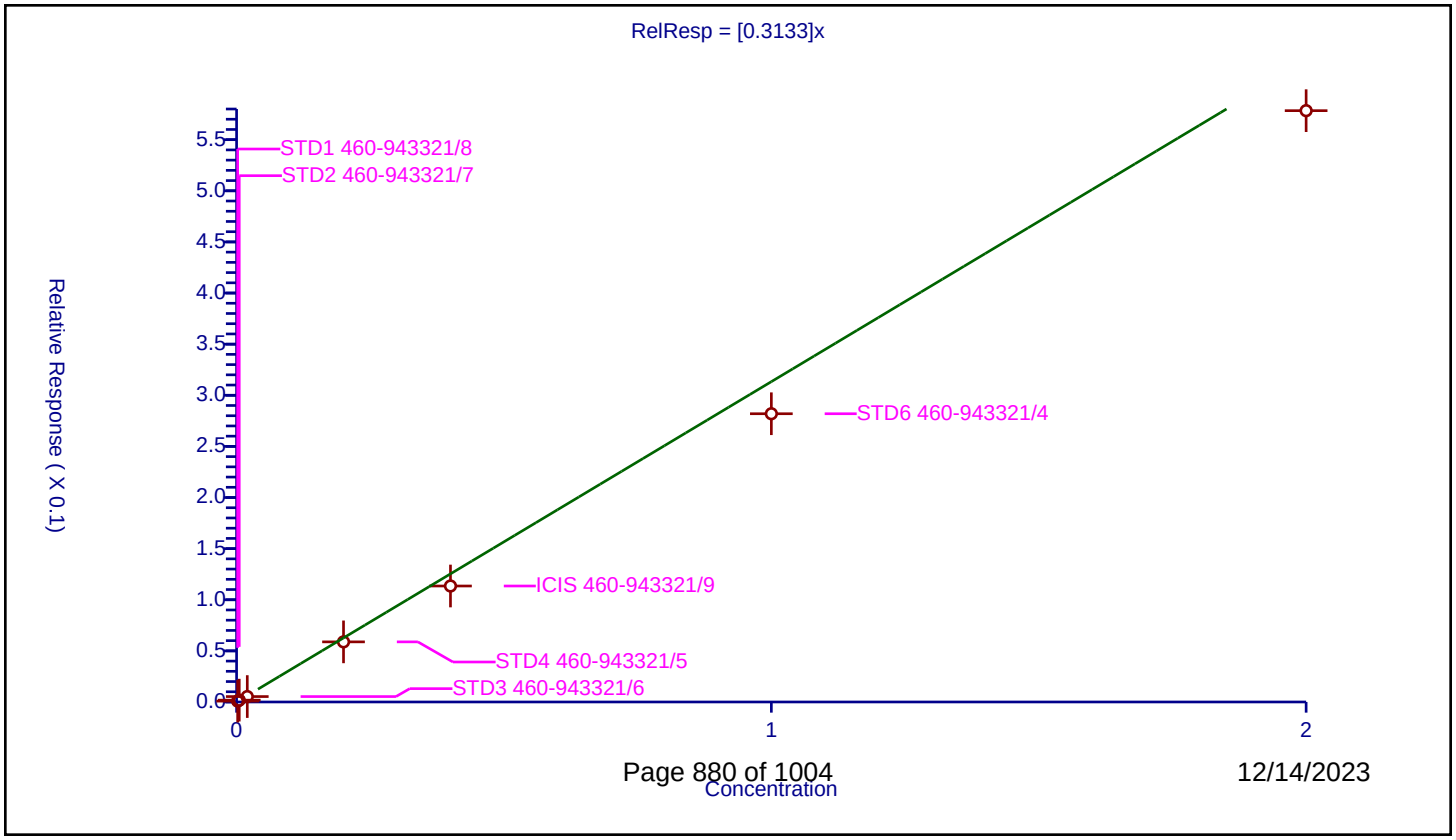
Curve Coefficients

Intercept:	0
Slope:	0.3133

Error Coefficients

Standard Error:	52400
Relative Standard Error:	18.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.002	0.000848	0.2	46236.0	0.423912	Y
2	STD2 460-943321/7	0.005	0.001774	0.2	43731.0	0.354897	Y
3	STD3 460-943321/6	0.02	0.005314	0.2	50362.0	0.265677	Y
4	STD4 460-943321/5	0.2	0.058792	0.2	43931.0	0.293961	Y
5	ICIS 460-943321/9	0.4	0.113446	0.2	44275.0	0.283614	Y
6	STD6 460-943321/4	1.0	0.281951	0.2	43331.0	0.281951	Y
7	STD7 460-943321/3	2.0	0.578388	0.2	37776.0	0.289194	Y



Calibration / Pentachlorophenol

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

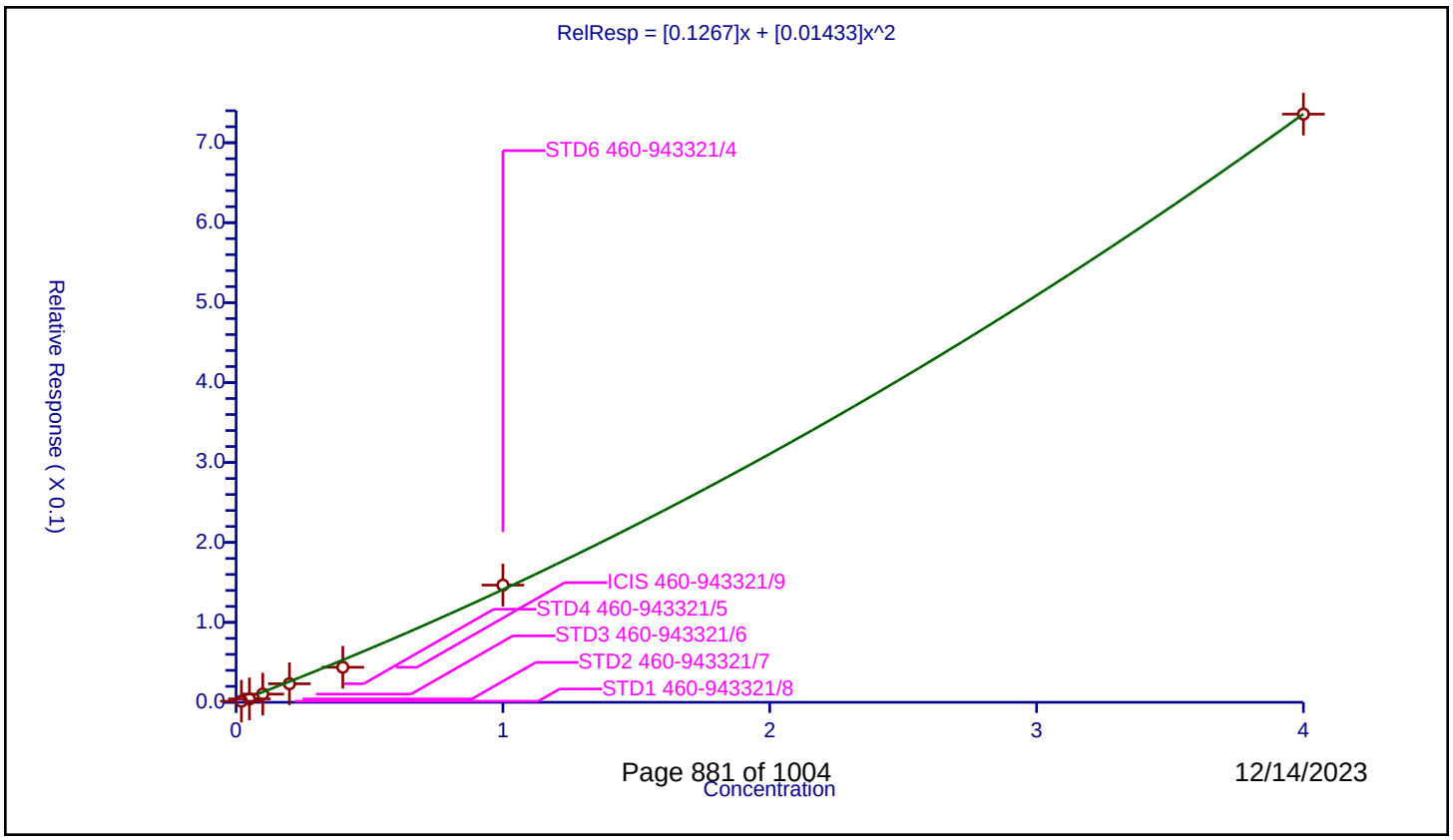
Curve Coefficients

Intercept:	0
Slope:	0.1267
Second Order:	0.01433

Error Coefficients

Standard Error:	64000
Relative Standard Error:	28.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.02	0.001341	0.2	46236.0	0.067047	Y
2	STD2 460-943321/7	0.05	0.00423	0.2	43731.0	0.084608	Y
3	STD3 460-943321/6	0.1	0.01027	0.2	50362.0	0.102696	Y
4	STD4 460-943321/5	0.2	0.023182	0.2	43931.0	0.115909	Y
5	ICIS 460-943321/9	0.4	0.043849	0.2	44275.0	0.109622	Y
6	STD6 460-943321/4	1.0	0.146593	0.2	43331.0	0.146593	Y
7	STD7 460-943321/3	4.0	0.735763	0.2	37776.0	0.183941	Y



Calibration / Phenanthrene

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

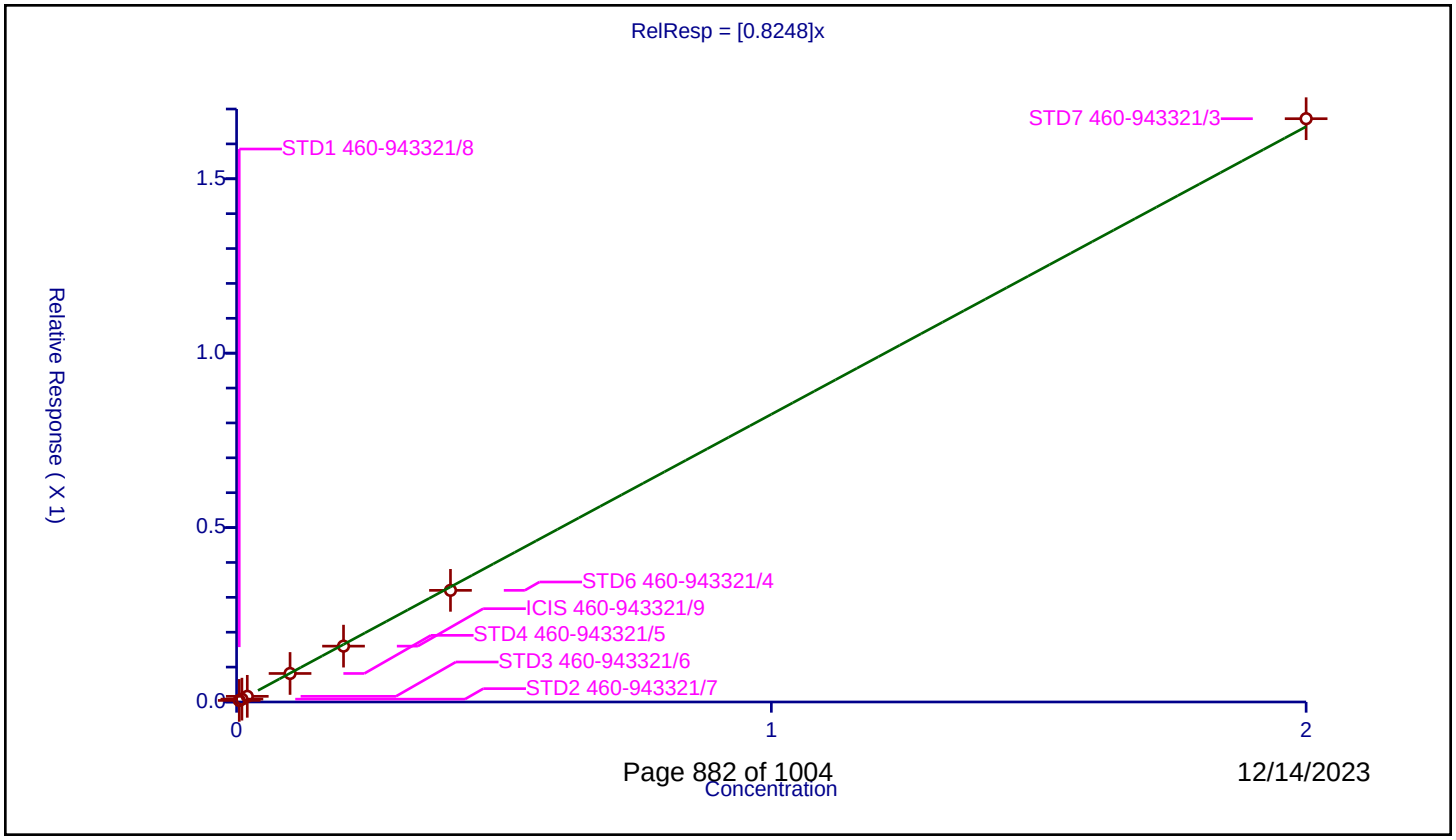
Curve Coefficients

Intercept:	0
Slope:	0.8248

Error Coefficients

Standard Error:	133000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.004481	0.2	46236.0	0.896271	Y
2	STD2 460-943321/7	0.01	0.008113	0.2	43731.0	0.811324	Y
3	STD3 460-943321/6	0.02	0.016227	0.2	50362.0	0.811326	Y
4	STD4 460-943321/5	0.1	0.081746	0.2	43931.0	0.817464	Y
5	ICIS 460-943321/9	0.2	0.160158	0.2	44275.0	0.800791	Y
6	STD6 460-943321/4	0.4	0.320057	0.2	43331.0	0.800143	Y
7	STD7 460-943321/3	2.0	1.672231	0.2	37776.0	0.836116	Y



Calibration / Anthracene

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

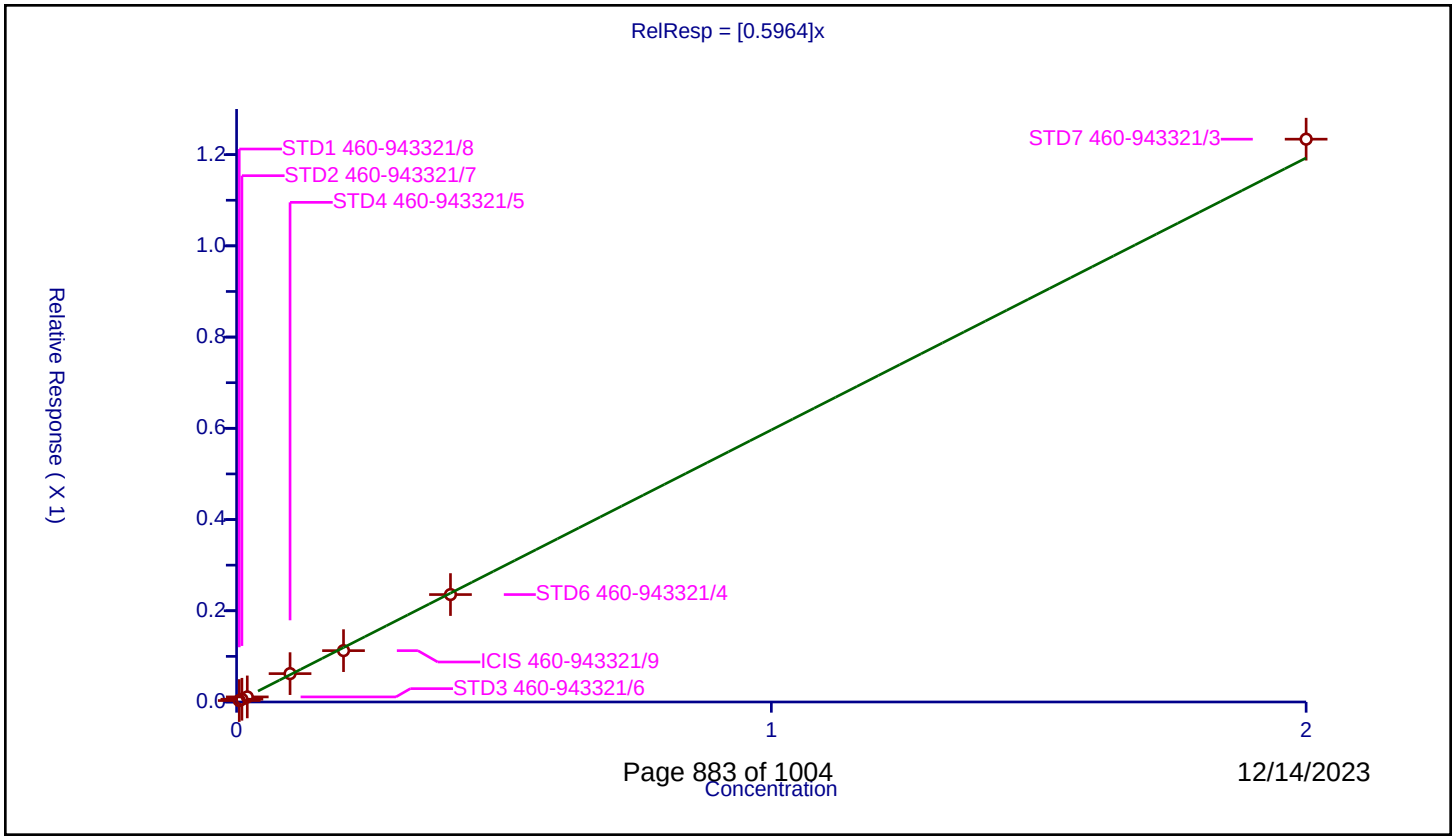
Curve Coefficients

Intercept:	0
Slope:	0.5964

Error Coefficients

Standard Error:	98100
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.003145	0.2	46236.0	0.628947	Y
2	STD2 460-943321/7	0.01	0.005977	0.2	43731.0	0.597745	Y
3	STD3 460-943321/6	0.02	0.011151	0.2	50362.0	0.557563	Y
4	STD4 460-943321/5	0.1	0.062175	0.2	43931.0	0.621748	Y
5	ICIS 460-943321/9	0.2	0.112583	0.2	44275.0	0.562914	Y
6	STD6 460-943321/4	0.4	0.235517	0.2	43331.0	0.588793	Y
7	STD7 460-943321/3	2.0	1.233868	0.2	37776.0	0.616934	Y



Calibration / Fluoranthene

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

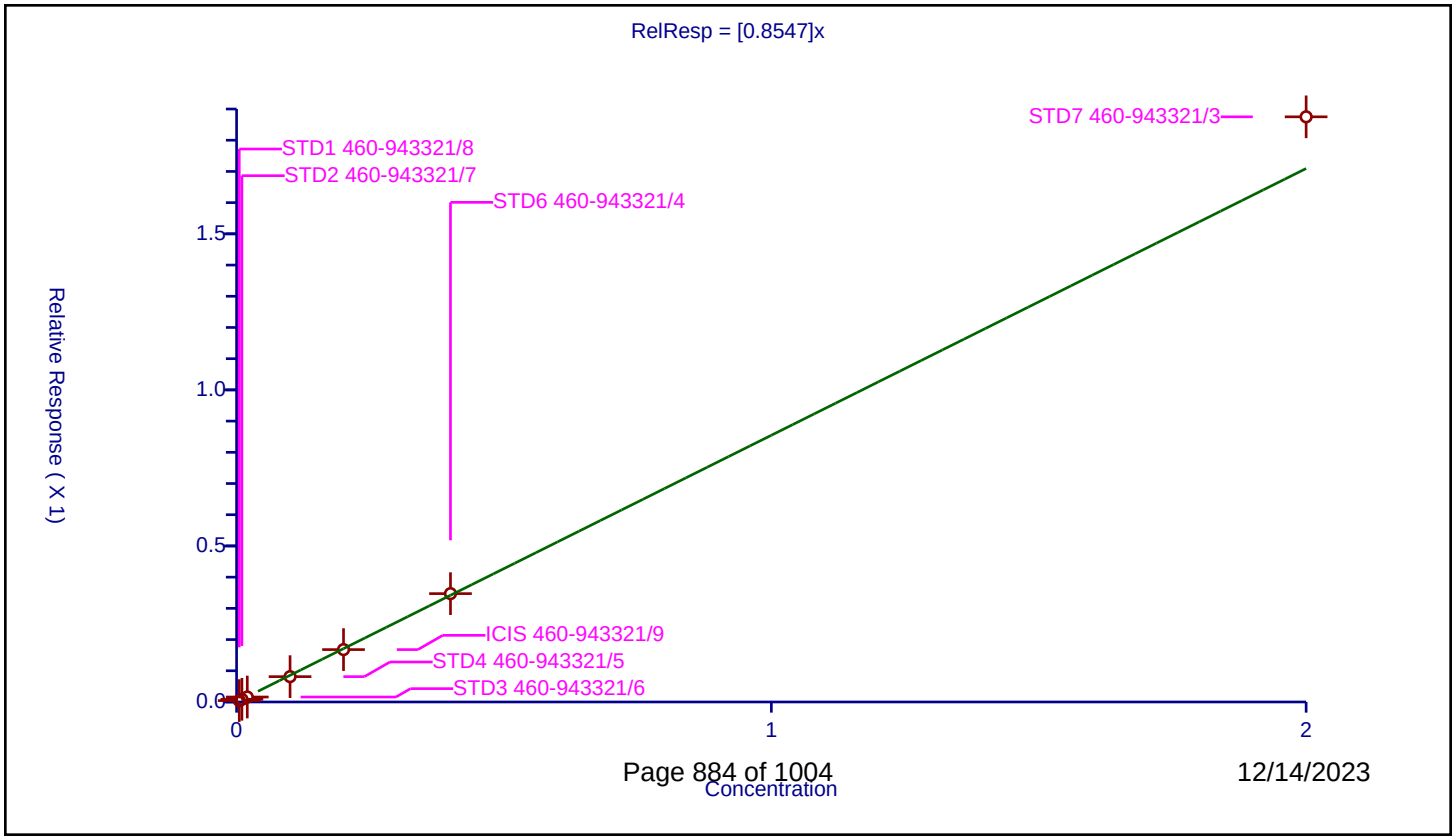
Curve Coefficients

Intercept:	0
Slope:	0.8547

Error Coefficients

Standard Error:	149000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.00436	0.2	46236.0	0.872048	Y
2	STD2 460-943321/7	0.01	0.008561	0.2	43731.0	0.856143	Y
3	STD3 460-943321/6	0.02	0.015953	0.2	50362.0	0.797625	Y
4	STD4 460-943321/5	0.1	0.081191	0.2	43931.0	0.81191	Y
5	ICIS 460-943321/9	0.2	0.167869	0.2	44275.0	0.839345	Y
6	STD6 460-943321/4	0.4	0.347248	0.2	43331.0	0.86812	Y
7	STD7 460-943321/3	2.0	1.874931	0.2	37776.0	0.937466	Y



Calibration / Pyrene

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

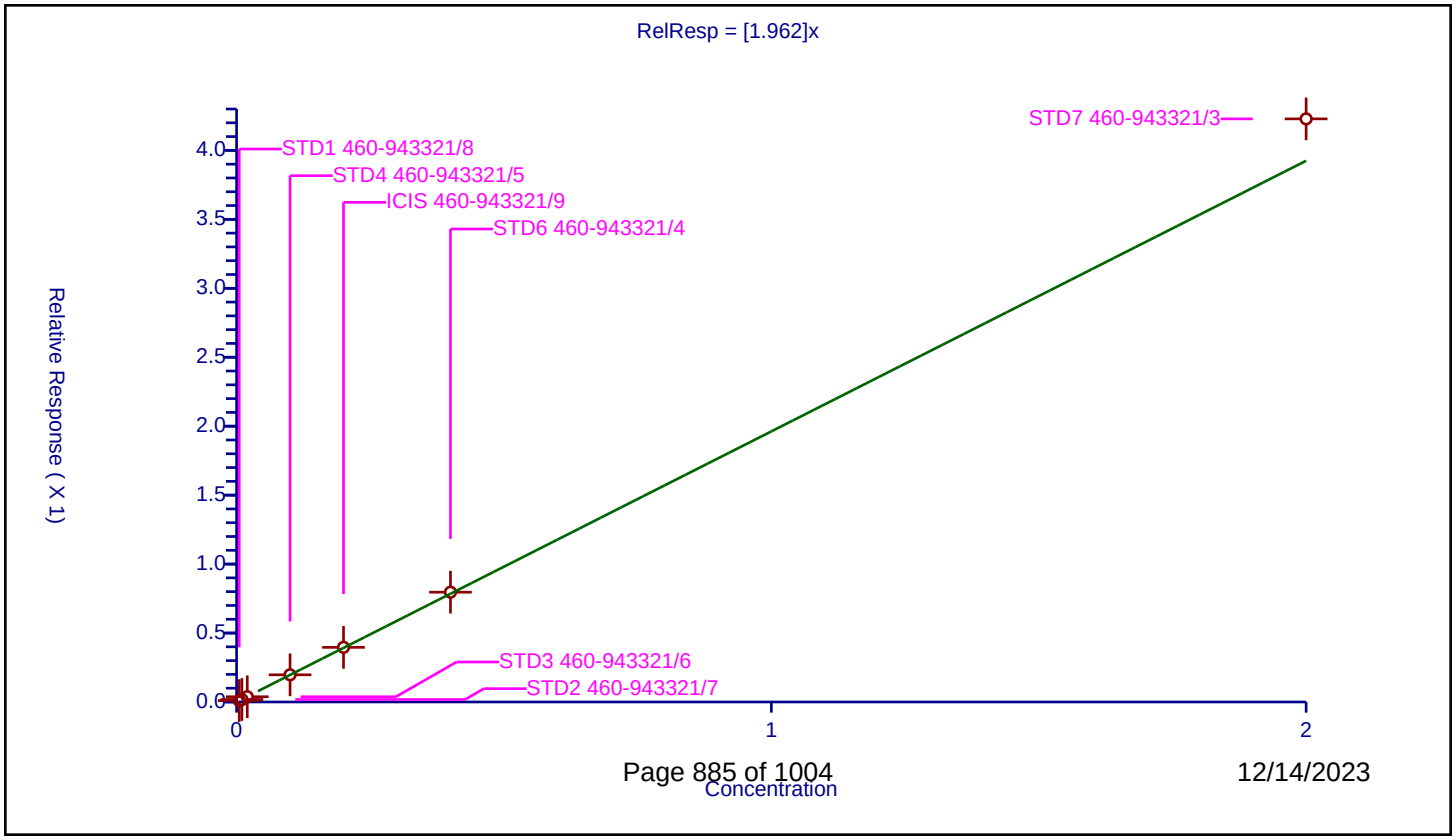
Curve Coefficients

Intercept:	0
Slope:	1.962

Error Coefficients

Standard Error:	161000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.009995	0.2	20111.0	1.998906	Y
2	STD2 460-943321/7	0.01	0.017797	0.2	19689.0	1.779674	Y
3	STD3 460-943321/6	0.02	0.038016	0.2	22317.0	1.900793	Y
4	STD4 460-943321/5	0.1	0.197073	0.2	20770.0	1.970727	Y
5	ICIS 460-943321/9	0.2	0.396217	0.2	20198.0	1.981087	Y
6	STD6 460-943321/4	0.4	0.796267	0.2	20843.0	1.990668	Y
7	STD7 460-943321/3	2.0	4.228529	0.2	18066.0	2.114264	Y



Calibration / Benzo[a]anthracene

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

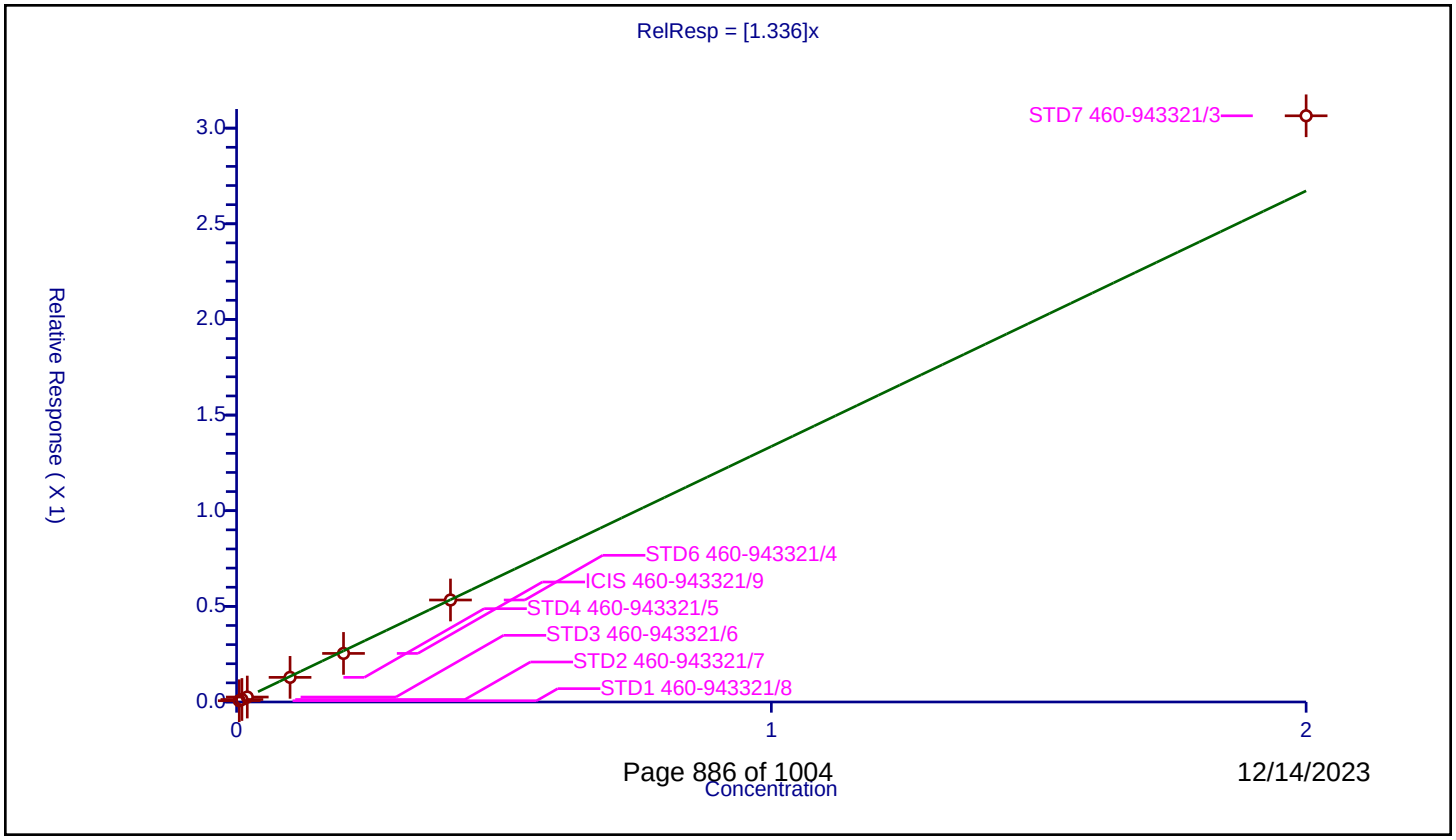
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Standard Error:	116000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.006673	0.2	20111.0	1.334593	Y
2	STD2 460-943321/7	0.01	0.013002	0.2	19689.0	1.300218	Y
3	STD3 460-943321/6	0.02	0.025909	0.2	22317.0	1.295425	Y
4	STD4 460-943321/5	0.1	0.128743	0.2	20770.0	1.287434	Y
5	ICIS 460-943321/9	0.2	0.253896	0.2	20198.0	1.269482	Y
6	STD6 460-943321/4	0.4	0.533186	0.2	20843.0	1.332966	Y
7	STD7 460-943321/3	2.0	3.064541	0.2	18066.0	1.532271	Y



Calibration / Chrysene

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

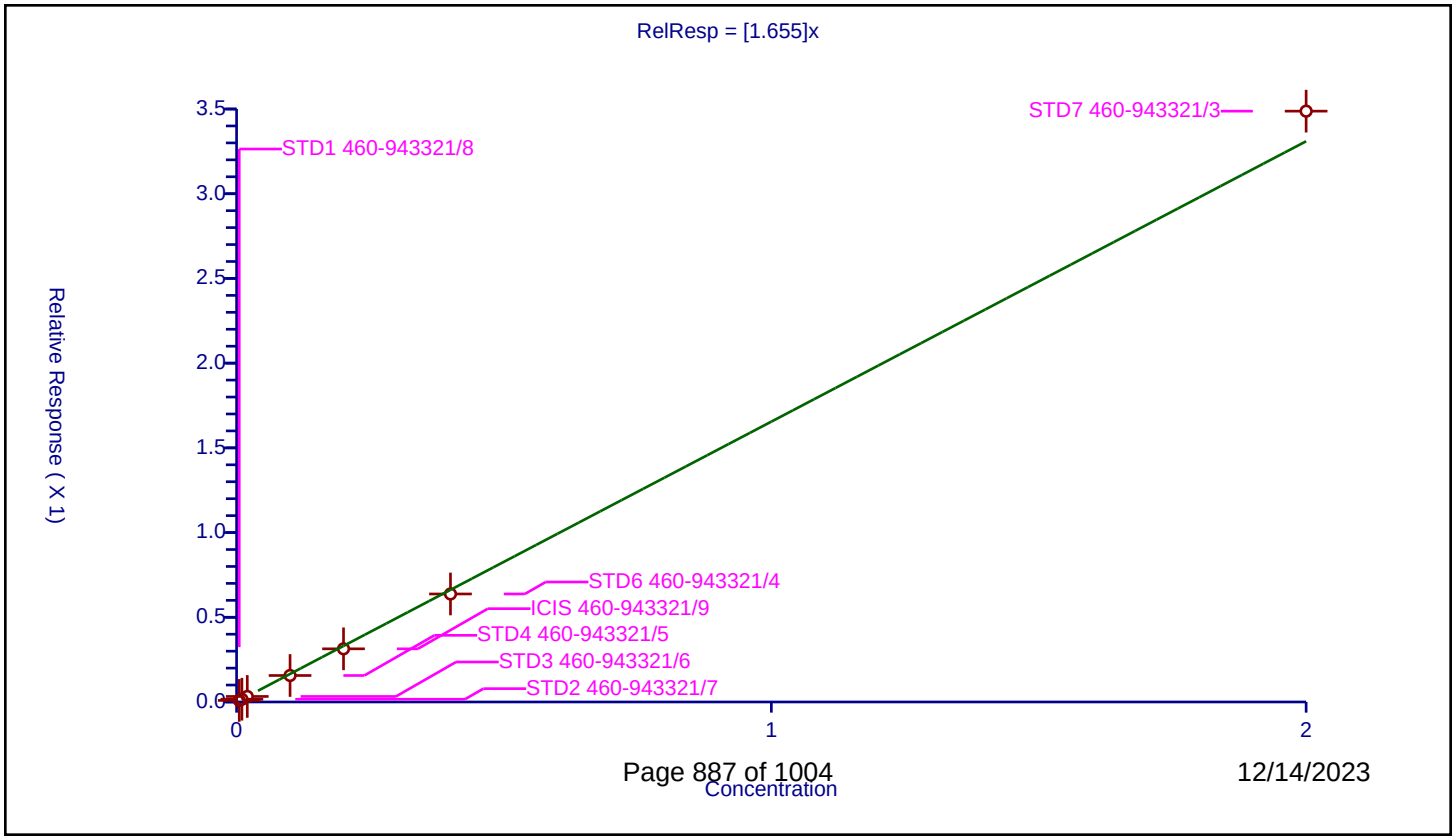
Curve Coefficients

Intercept:	0
Slope:	1.655

Error Coefficients

Standard Error:	132000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.009269	0.2	20111.0	1.853712	Y
2	STD2 460-943321/7	0.01	0.016273	0.2	19689.0	1.627305	Y
3	STD3 460-943321/6	0.02	0.032621	0.2	22317.0	1.631044	Y
4	STD4 460-943321/5	0.1	0.156447	0.2	20770.0	1.564468	Y
5	ICIS 460-943321/9	0.2	0.313843	0.2	20198.0	1.569215	Y
6	STD6 460-943321/4	0.4	0.637576	0.2	20843.0	1.59394	Y
7	STD7 460-943321/3	2.0	3.487468	0.2	18066.0	1.743734	Y



Calibration / Benzo[b]fluoranthene

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

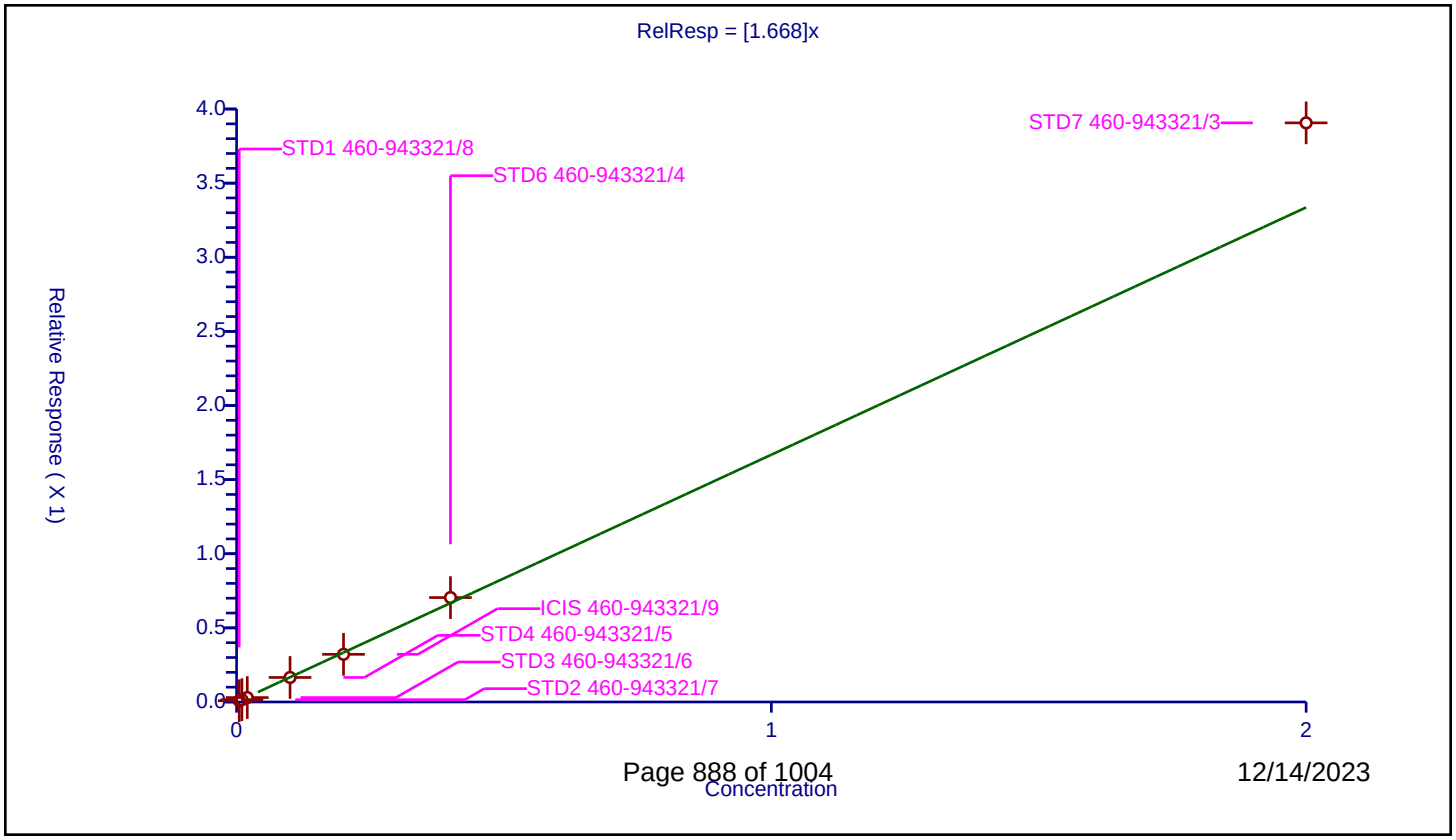
Curve Coefficients

Intercept:	0
Slope:	1.668

Error Coefficients

Standard Error:	121000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.008363	0.2	15831.0	1.672668	Y
2	STD2 460-943321/7	0.01	0.015436	0.2	16675.0	1.543628	Y
3	STD3 460-943321/6	0.02	0.029694	0.2	18421.0	1.484719	Y
4	STD4 460-943321/5	0.1	0.165364	0.2	16682.0	1.653639	Y
5	ICIS 460-943321/9	0.2	0.321501	0.2	16357.0	1.607507	Y
6	STD6 460-943321/4	0.4	0.704379	0.2	16806.0	1.760948	Y
7	STD7 460-943321/3	2.0	3.906485	0.2	14804.0	1.953242	Y



Calibration / Benzo[k]fluoranthene

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

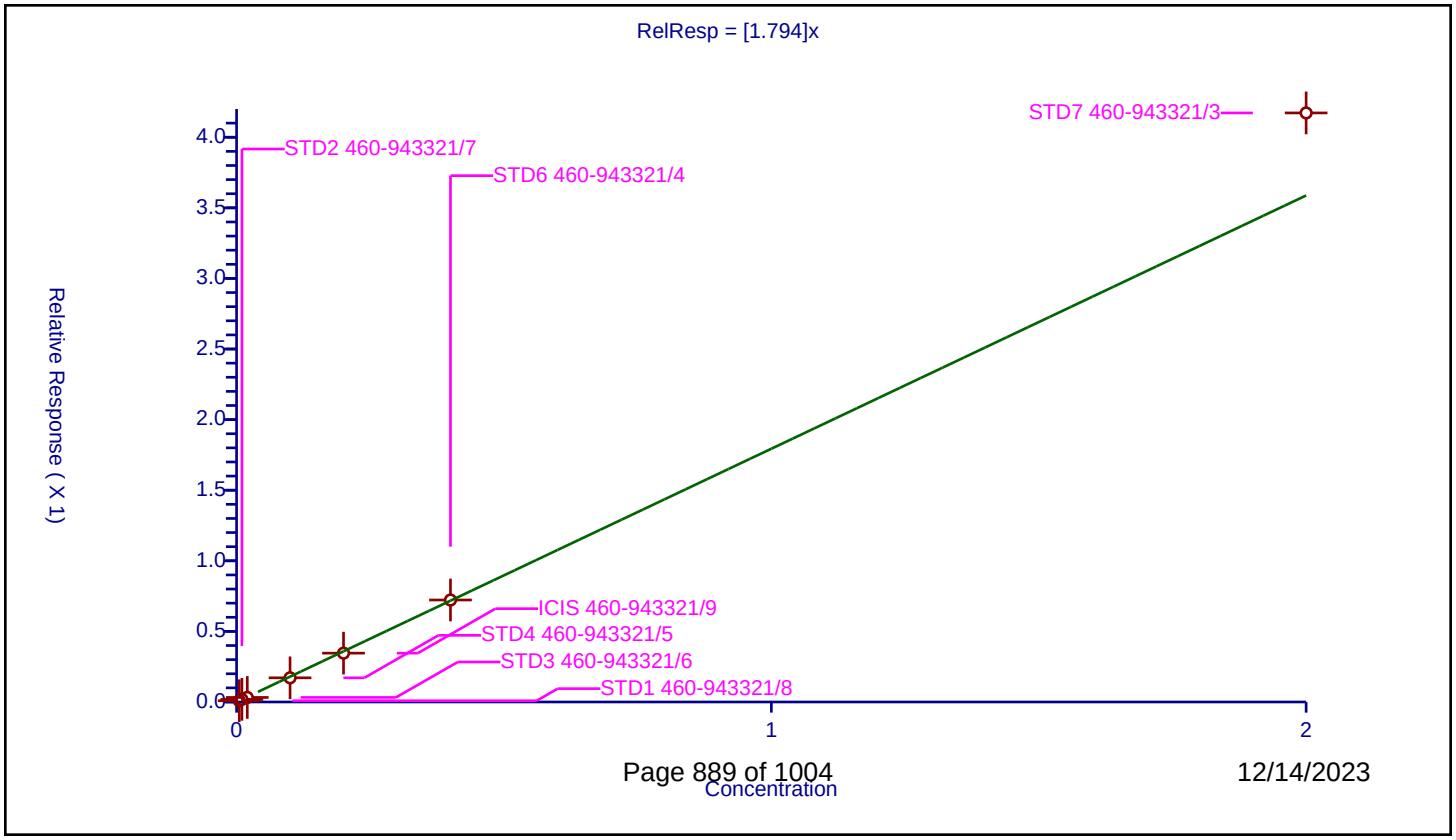
Curve Coefficients

Intercept:	0
Slope:	1.794

Error Coefficients

Standard Error:	129000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.008806	0.2	15831.0	1.761102	Y
2	STD2 460-943321/7	0.01	0.018543	0.2	16675.0	1.854273	Y
3	STD3 460-943321/6	0.02	0.032126	0.2	18421.0	1.606319	Y
4	STD4 460-943321/5	0.1	0.17131	0.2	16682.0	1.713104	Y
5	ICIS 460-943321/9	0.2	0.345944	0.2	16357.0	1.729718	Y
6	STD6 460-943321/4	0.4	0.722302	0.2	16806.0	1.805754	Y
7	STD7 460-943321/3	2.0	4.172237	0.2	14804.0	2.086119	Y



Calibration / Benzo[a]pyrene

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

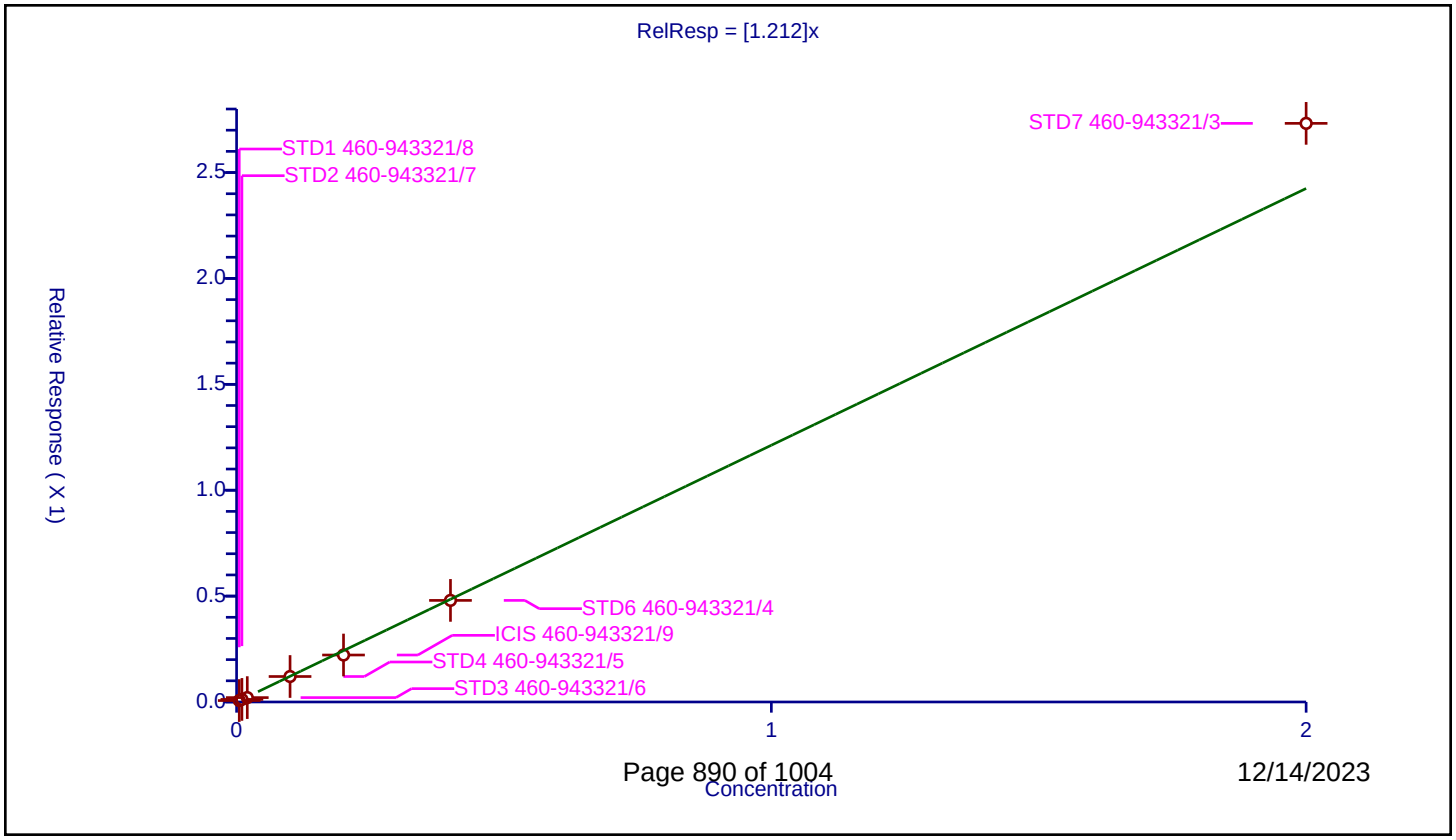
Curve Coefficients

Intercept:	0
Slope:	1.212

Error Coefficients

Standard Error:	84600
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.006759	0.2	15831.0	1.351778	Y
2	STD2 460-943321/7	0.01	0.012186	0.2	16675.0	1.218591	Y
3	STD3 460-943321/6	0.02	0.02077	0.2	18421.0	1.038489	Y
4	STD4 460-943321/5	0.1	0.120345	0.2	16682.0	1.203453	Y
5	ICIS 460-943321/9	0.2	0.221777	0.2	16357.0	1.108883	Y
6	STD6 460-943321/4	0.4	0.479686	0.2	16806.0	1.199215	Y
7	STD7 460-943321/3	2.0	2.732302	0.2	14804.0	1.366151	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

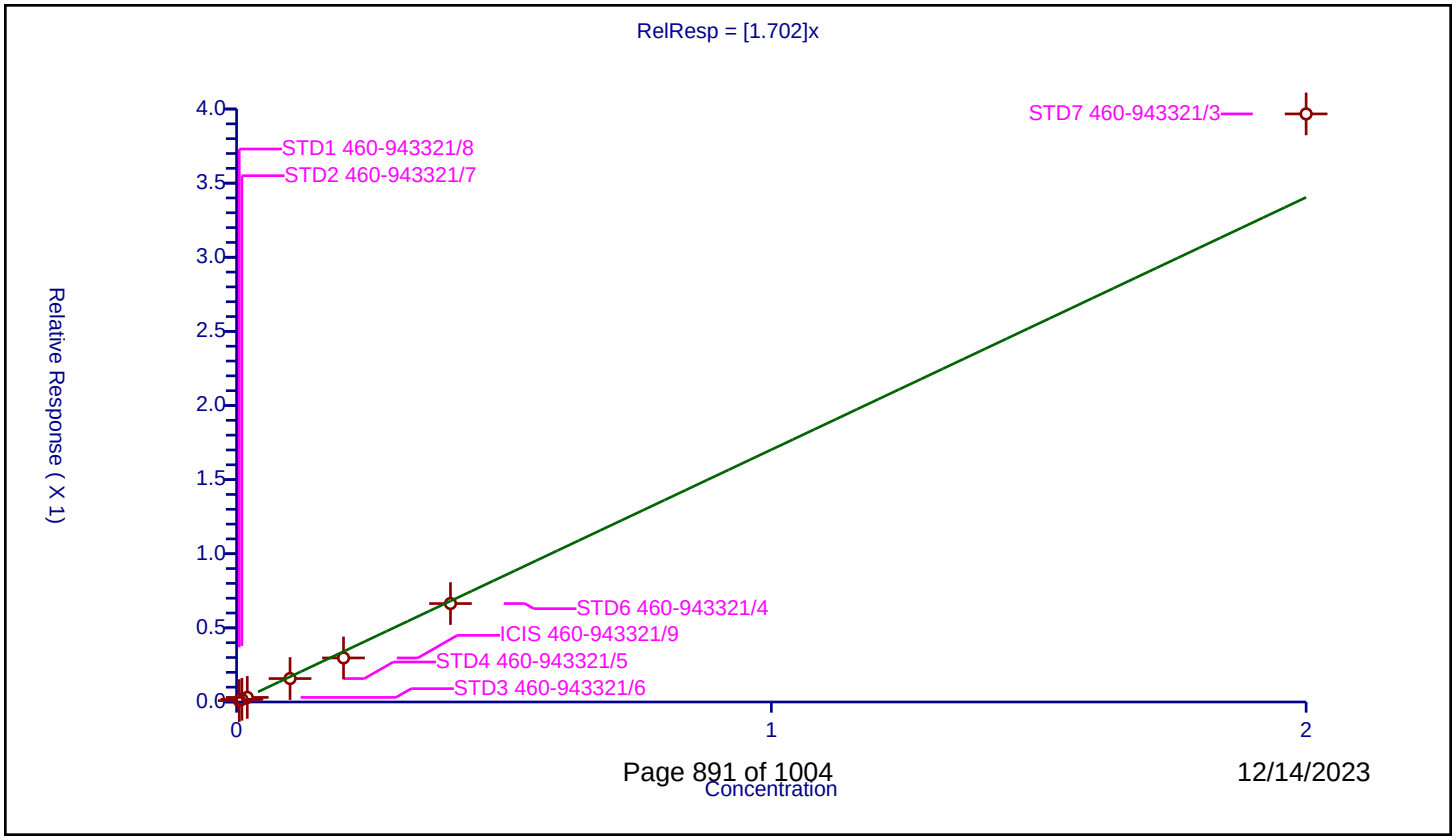
Curve Coefficients

Intercept:	0
Slope:	1.702

Error Coefficients

Standard Error:	123000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.009349	0.2	15831.0	1.869749	Y
2	STD2 460-943321/7	0.01	0.017871	0.2	16675.0	1.787106	Y
3	STD3 460-943321/6	0.02	0.030932	0.2	18421.0	1.546604	Y
4	STD4 460-943321/5	0.1	0.158099	0.2	16682.0	1.580985	Y
5	ICIS 460-943321/9	0.2	0.297157	0.2	16357.0	1.485786	Y
6	STD6 460-943321/4	0.4	0.664072	0.2	16806.0	1.660181	Y
7	STD7 460-943321/3	2.0	3.966887	0.2	14804.0	1.983444	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

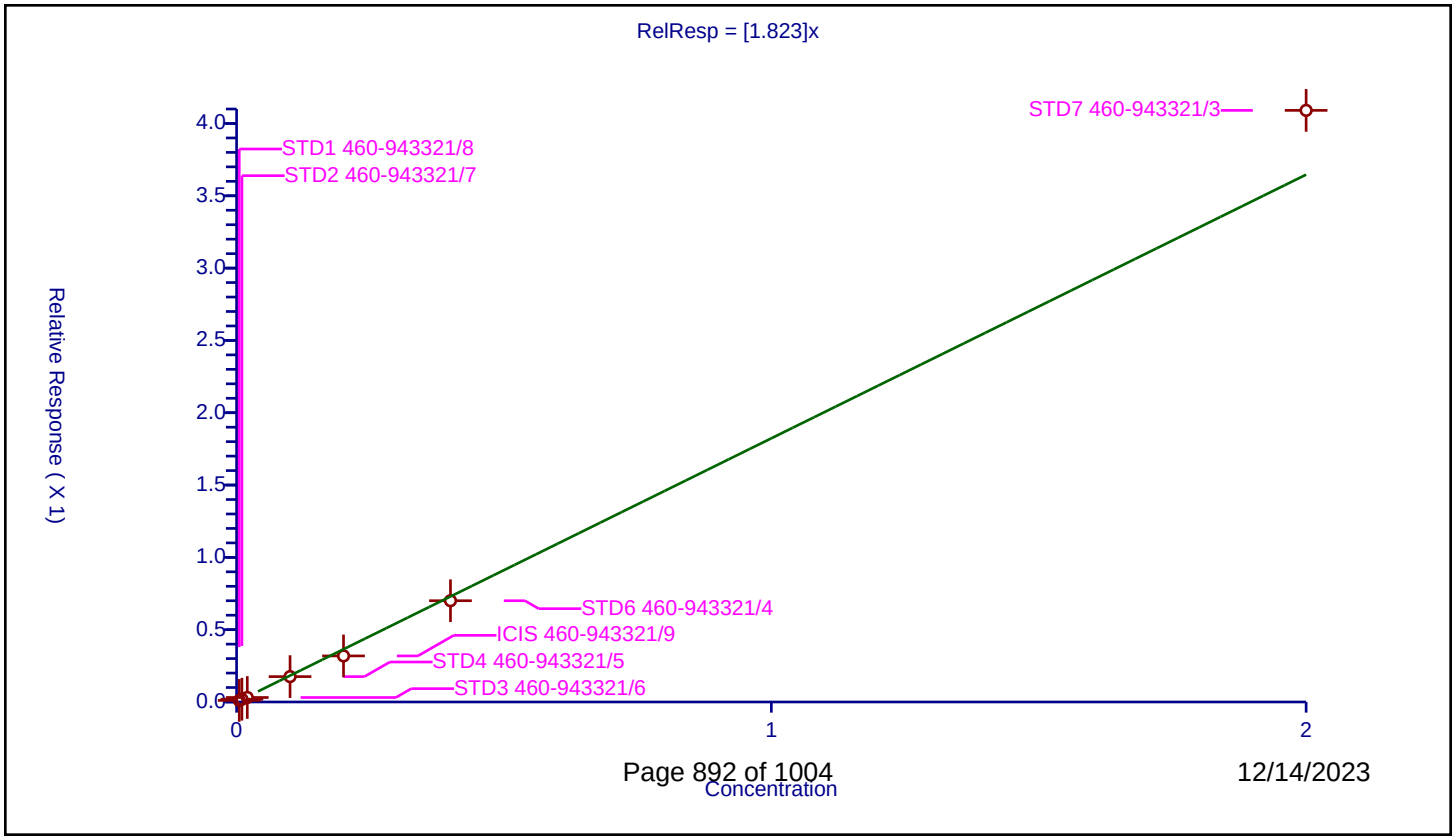
Curve Coefficients

Intercept:	0
Slope:	1.823

Error Coefficients

Standard Error:	127000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.010751	0.2	15831.0	2.150212	Y
2	STD2 460-943321/7	0.01	0.019118	0.2	16675.0	1.911844	Y
3	STD3 460-943321/6	0.02	0.031149	0.2	18421.0	1.557462	Y
4	STD4 460-943321/5	0.1	0.175387	0.2	16682.0	1.753866	Y
5	ICIS 460-943321/9	0.2	0.318469	0.2	16357.0	1.592346	Y
6	STD6 460-943321/4	0.4	0.700214	0.2	16806.0	1.750536	Y
7	STD7 460-943321/3	2.0	4.090543	0.2	14804.0	2.045272	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

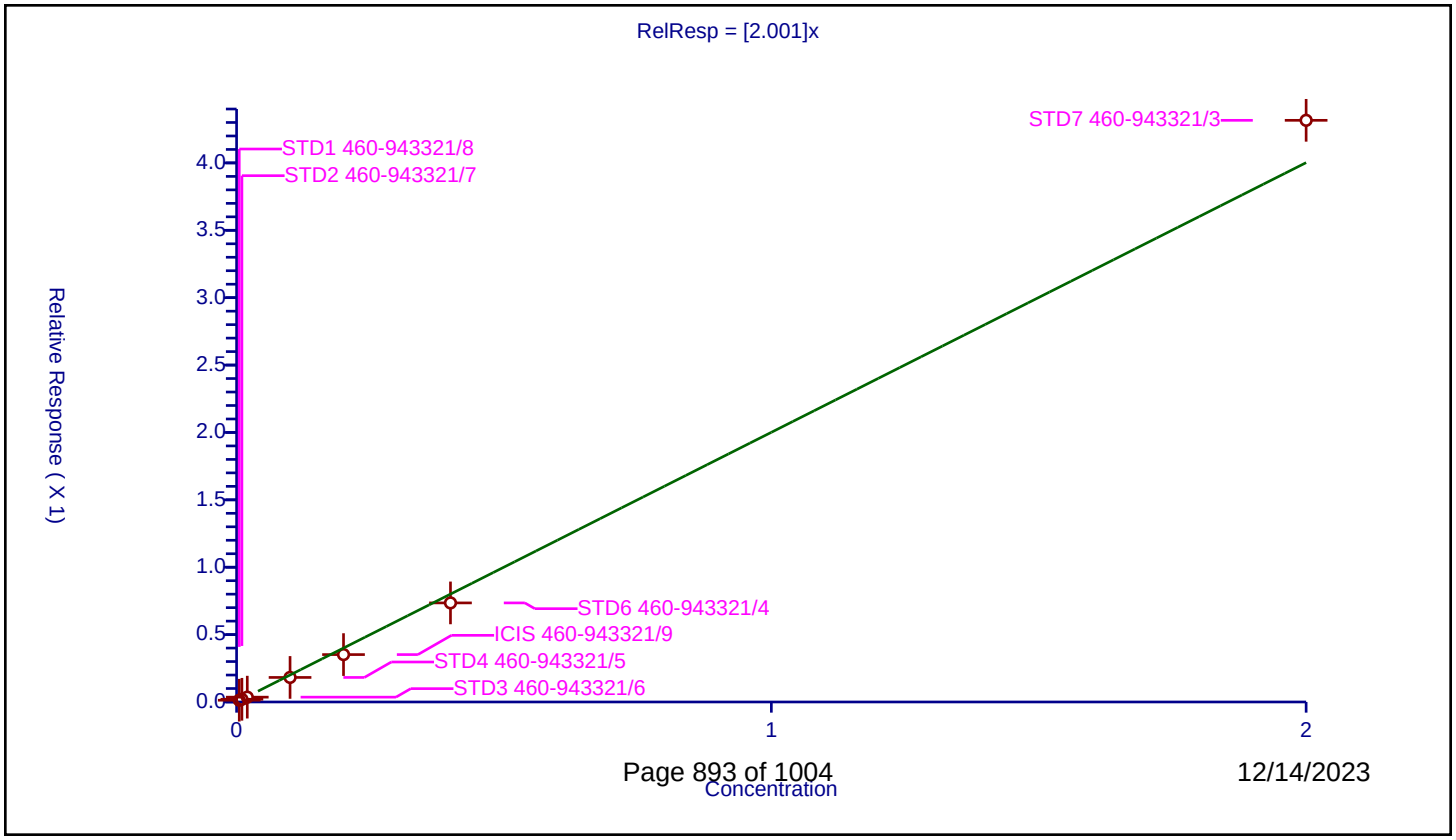
Curve Coefficients

Intercept:	0
Slope:	2.001

Error Coefficients

Standard Error:	134000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-943321/8	0.005	0.013164	0.2	15831.0	2.632809	Y
2	STD2 460-943321/7	0.01	0.02003	0.2	16675.0	2.002999	Y
3	STD3 460-943321/6	0.02	0.035894	0.2	18421.0	1.794691	Y
4	STD4 460-943321/5	0.1	0.18216	0.2	16682.0	1.821604	Y
5	ICIS 460-943321/9	0.2	0.351764	0.2	16357.0	1.758819	Y
6	STD6 460-943321/4	0.4	0.735214	0.2	16806.0	1.838034	Y
7	STD7 460-943321/3	2.0	4.316009	0.2	14804.0	2.158005	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 460-948564/9 Calibration Date: 12/07/2023 19:59

Instrument ID: CBNAMS13 Calib Start Date: 12/07/2023 14:51

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 12/07/2023 19:14

Lab File ID: C29182.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4793	0.4400		734	800	-8.2	30.0
N-Nitrosodimethylamine	Ave	0.5597	0.4591		328	400	-18.0	30.0
Bis(2-chloroethyl)ether	Ave	1.074	1.164	0.7000	434	400	8.4	30.0
Naphthalene	Ave	1.107	1.120	0.7000	202	200	1.2	30.0
Acenaphthylene	Ave	2.219	2.128	0.9000	192	200	-4.1	30.0
Acenaphthene	Ave	1.331	1.280	0.9000	192	200	-3.8	30.0
Fluorene	Ave	1.464	1.416	0.9000	194	200	-3.2	30.0
4,6-Dinitro-2-methylphenol	QuaF		0.0879	0.0100	784	800	-2.0	30.0
Hexachlorobenzene	Ave	0.4002	0.4081	0.1000	408	400	2.0	30.0
Pentachlorophenol	QuaF		0.1614	0.0500	364	400	-9.0	30.0
Phenanthrene	Ave	1.284	1.212	0.7000	189	200	-5.6	30.0
Anthracene	Ave	1.153	1.147	0.7000	199	200	-0.6	30.0
Fluoranthene	Ave	1.161	1.104	0.6000	190	200	-5.0	30.0
Pyrene	Ave	2.577	2.565	0.6000	199	200	-0.5	30.0
Benzo[a]anthracene	Ave	1.715	1.689	0.8000	197	200	-1.5	30.0
Chrysene	Ave	1.903	1.849	0.7000	194	200	-2.8	30.0
Benzo[b]fluoranthene	Ave	1.880	1.998		213	200	6.3	30.0
Benzo[k]fluoranthene	Ave	2.059	2.156	0.7000	209	200	4.7	30.0
Benzo[a]pyrene	Ave	1.349	1.556	0.7000	231	200	15.4	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.669	1.481	0.5000	177	200	-11.3	30.0
Dibenz(a,h)anthracene	Ave	1.648	1.536	0.4000	186	200	-6.8	30.0
Benzo[g,h,i]perylene	Ave	1.873	1.733	0.5000	185	200	-7.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29182.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Dec-2023 19:59:30 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-009
Operator ID: Instrument ID: CBNAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:52:36 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 07:00:16

	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	1.332	1.327	0.005	83	44940	0.8000	0.7343	
	2 N-Nitrosodimethylamine	74	1.545	1.540	0.005	70	23447	0.4000	0.3281	
	3 Bis(2-chloroethyl)ether	93	3.508	3.513	-0.005	95	59459	0.4000	0.4337	
*	4 1,4-Dichlorobenzene-d4	152	3.763	3.763	0.000	100	25535	0.2000	0.2000	
*	7 Naphthalene-d8	136	4.999	4.999	0.000	100	76916	0.2000	0.2000	
	8 Naphthalene	128	5.019	5.019	0.000	100	86157	0.2000	0.2024	
	10 Acenaphthylene	152	6.523	6.532	-0.009	100	68877	0.2000	0.1917	
*	11 Acenaphthene-d10	164	6.667	6.667	0.000	97	32373	0.2000	0.2000	
	12 Acenaphthene	154	6.694	6.694	0.000	80	41429	0.2000	0.1924	
	13 Fluorene	166	7.182	7.182	0.000	98	45848	0.2000	0.1935	
	14 4,6-Dinitro-2-methylphenol	198	7.254	7.254	0.000	99	18240	0.8000	0.7836	
	15 Hexachlorobenzene	284	7.696	7.705	-0.009	99	42358	0.4000	0.4079	
	16 Pentachlorophenol	266	7.904	7.904	0.000	99	16747	0.4000	0.3640	
*	17 Phenanthrene-d10	188	8.058	8.058	0.000	99	51896	0.2000	0.2000	
	18 Phenanthrene	178	8.076	8.085	-0.009	43	62910	0.2000	0.1889	
	19 Anthracene	178	8.130	8.130	0.000	100	59526	0.2000	0.1989	
	20 Fluoranthene	202	9.194	9.194	0.000	100	57283	0.2000	0.1901	
	21 Pyrene	202	9.405	9.405	0.000	100	57242	0.2000	0.1991	
	24 Benzo[a]anthracene	228	10.559	10.559	0.000	29	37694	0.2000	0.1970	
*	25 Chrysene-d12	240	10.572	10.572	0.000	89	22316	0.2000	0.2000	
	26 Chrysene	228	10.592	10.598	-0.006	99	41260	0.2000	0.1943	
	27 Benzo[b]fluoranthene	252	11.752	11.752	0.000	100	34701	0.2000	0.2125	
	28 Benzo[k]fluoranthene	252	11.778	11.785	-0.007	97	37451	0.2000	0.2094	
	29 Benzo[a]pyrene	252	12.134	12.141	-0.007	99	27030	0.2000	0.2307	
*	30 Perylene-d12	264	12.207	12.213	-0.007	99	17369	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.578	13.584	-0.006	99	25727	0.2000	0.1775	
	32 Dibenz(a,h)anthracene	278	13.624	13.624	0.000	46	26671	0.2000	0.1863	
	33 Benzo[g,h,i]perylene	276	13.907	13.914	-0.007	96	30107	0.2000	0.1851	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00036 Amount Added: 1.00 Units: mL

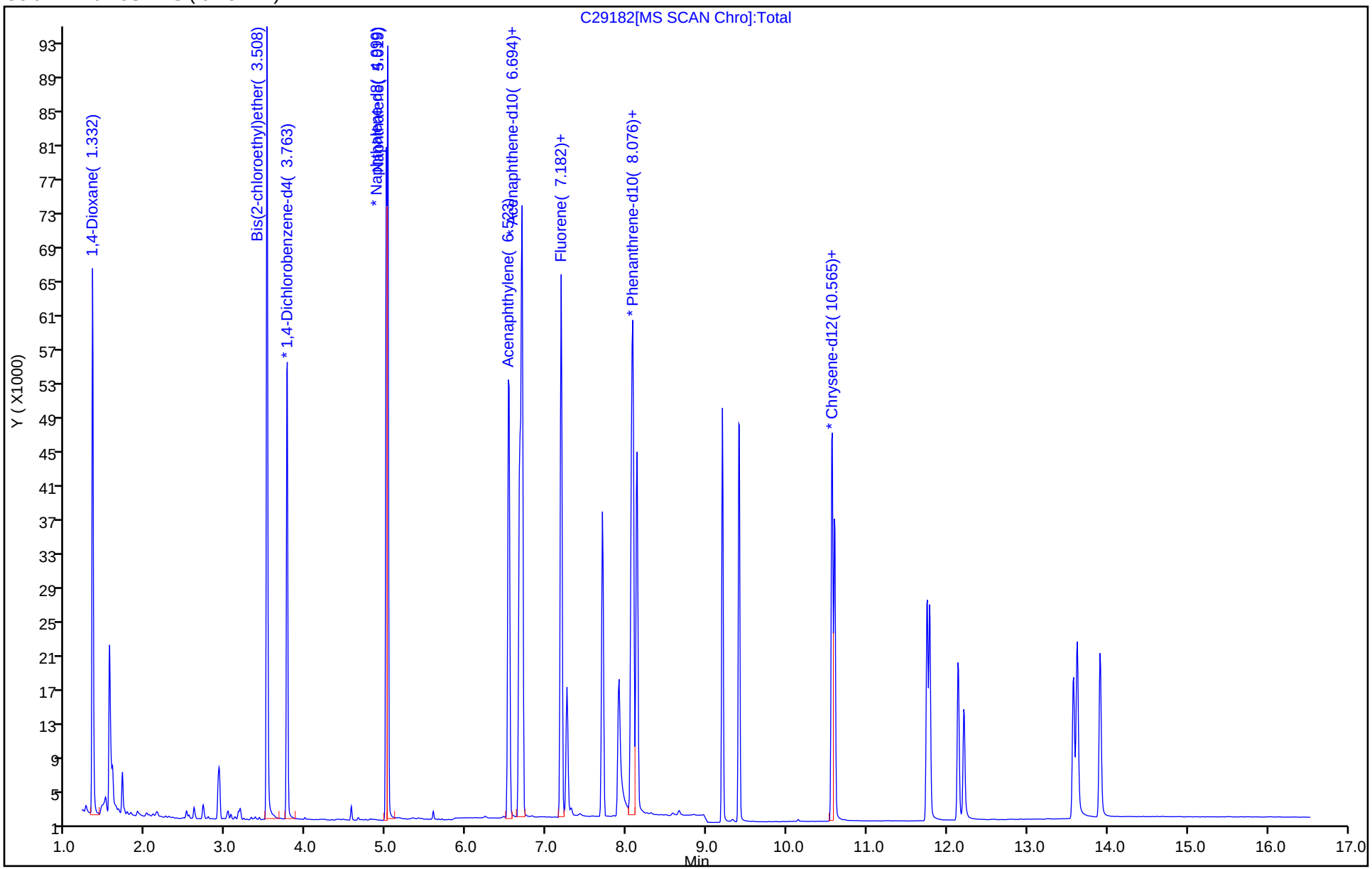
Report Date: 11-Dec-2023 07:00:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29182.D

Injection Date:	07-Dec-2023 19:59:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	BNsurrSIM_LVI_13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 460-949181/2 Calibration Date: 12/11/2023 10:07

Instrument ID: CBNAMS13 Calib Start Date: 12/07/2023 14:51

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 12/07/2023 19:14

Lab File ID: C29266.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4793	0.4263		711	800	-11.1	20.0
N-Nitrosodimethylamine	Ave	0.5597	0.5598		400	400	0.0	20.0
Bis(2-chloroethyl)ether	Ave	1.074	1.105	0.7000	412	400	2.9	20.0
Naphthalene	Ave	1.107	1.083	0.7000	196	200	-2.2	20.0
Acenaphthylene	Ave	2.219	2.211	0.9000	199	200	-0.4	20.0
Acenaphthene	Ave	1.331	1.207	0.9000	181	200	-9.3	20.0
Fluorene	Ave	1.464	1.456	0.9000	199	200	-0.5	20.0
4,6-Dinitro-2-methylphenol	QuaF		0.1312	0.0100	1100	800	37.8*	20.0
Hexachlorobenzene	Ave	0.4002	0.3703	0.1000	370	400	-7.5	20.0
Pentachlorophenol	QuaF		0.1898	0.0500	425	400	6.3	20.0
Phenanthrene	Ave	1.284	1.232	0.7000	192	200	-4.0	20.0
Anthracene	Ave	1.153	1.127	0.7000	195	200	-2.3	20.0
Fluoranthene	Ave	1.161	1.214	0.6000	209	200	4.5	20.0
Pyrene	Ave	2.577	2.297	0.6000	178	200	-10.8	20.0
Benzo[a]anthracene	Ave	1.715	1.865	0.8000	217	200	8.7	20.0
Chrysene	Ave	1.903	1.787	0.7000	188	200	-6.1	20.0
Benzo[b]fluoranthene	Ave	1.880	1.924		205	200	2.3	20.0
Benzo[k]fluoranthene	Ave	2.059	1.791	0.7000	174	200	-13.0	20.0
Benzo[a]pyrene	Ave	1.349	1.386	0.7000	206	200	2.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.669	1.590	0.5000	190	200	-4.8	20.0
Dibenz(a,h)anthracene	Ave	1.648	1.536	0.4000	186	200	-6.8	20.0
Benzo[g,h,i]perylene	Ave	1.873	1.651	0.5000	176	200	-11.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29266.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Dec-2023 10:07:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169974-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-BNsurrSIM_LVI_13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 11:53:39 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1621

First Level Reviewer: G4KC Date: 11-Dec-2023 10:25:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.322	1.322	0.000	82	56299	0.8000	0.7115	
2 N-Nitrosodimethylamine	74	1.540	1.540	0.000	69	36967	0.4000	0.4001	
3 Bis(2-chloroethyl)ether	93	3.524	3.524	0.000	94	72992	0.4000	0.4117	
* 4 1,4-Dichlorobenzene-d4	152	3.768	3.768	0.000	100	33016	0.2000	0.2000	
$ 5 Nitrobenzene-d5	82	4.324	4.324	0.000	96	176226	1.00	0.9509	
* 7 Naphthalene-d8	136	5.009	5.009	0.000	100	104948	0.2000	0.2000	
8 Naphthalene	128	5.030	5.030	0.000	100	113622	0.2000	0.1956	
$ 9 2-Fluorobiphenyl	172	6.053	6.053	0.000	100	397033	1.00	0.9099	
10 Acenaphthylene	152	6.541	6.541	0.000	100	107672	0.2000	0.1992	
* 11 Acenaphthene-d10	164	6.676	6.676	0.000	96	48698	0.2000	0.2000	
12 Acenaphthene	154	6.703	6.703	0.000	79	58769	0.2000	0.1814	
13 Fluorene	166	7.200	7.200	0.000	99	70912	0.2000	0.1990	
14 4,6-Dinitro-2-methylphenol	198	7.281	7.281	0.000	97	43554	0.8000	1.10	
$ 23 2,4,6-Tribromophenol	330	7.444	7.444	0.000	99	87613	1.00	1.21	
15 Hexachlorobenzene	284	7.715	7.715	0.000	95	61449	0.4000	0.3701	
16 Pentachlorophenol	266	7.940	7.940	0.000	98	31499	0.4000	0.4251	
* 17 Phenanthrene-d10	188	8.076	8.076	0.000	99	82974	0.2000	0.2000	
18 Phenanthrene	178	8.094	8.094	0.000	43	102265	0.2000	0.1920	
19 Anthracene	178	8.148	8.148	0.000	100	93537	0.2000	0.1955	
20 Fluoranthene	202	9.214	9.214	0.000	100	100726	0.2000	0.2090	
21 Pyrene	202	9.425	9.425	0.000	100	101197	0.2000	0.1783	
$ 22 Terphenyl-d14	244	9.603	9.603	0.000	97	179297	1.00	0.8891	
24 Benzo[a]anthracene	228	10.585	10.585	0.000	25	82143	0.2000	0.2175	
* 25 Chrysene-d12	240	10.598	10.598	0.000	88	44047	0.2000	0.2000	
26 Chrysene	228	10.618	10.618	0.000	100	78716	0.2000	0.1878	
27 Benzo[b]fluoranthene	252	11.785	11.785	0.000	100	75088	0.2000	0.2047	
28 Benzo[k]fluoranthene	252	11.818	11.818	0.000	95	69872	0.2000	0.1739	
29 Benzo[a]pyrene	252	12.174	12.174	0.000	100	54099	0.2000	0.2056	
* 30 Perylene-d12	264	12.253	12.253	0.000	99	39022	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.630	13.630	0.000	99	62038	0.2000	0.1905	
32 Dibenz(a,h)anthracene	278	13.676	13.676	0.000	97	59924	0.2000	0.1863	

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	13.966	13.966	0.000	97	64439	0.2000	0.1763	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

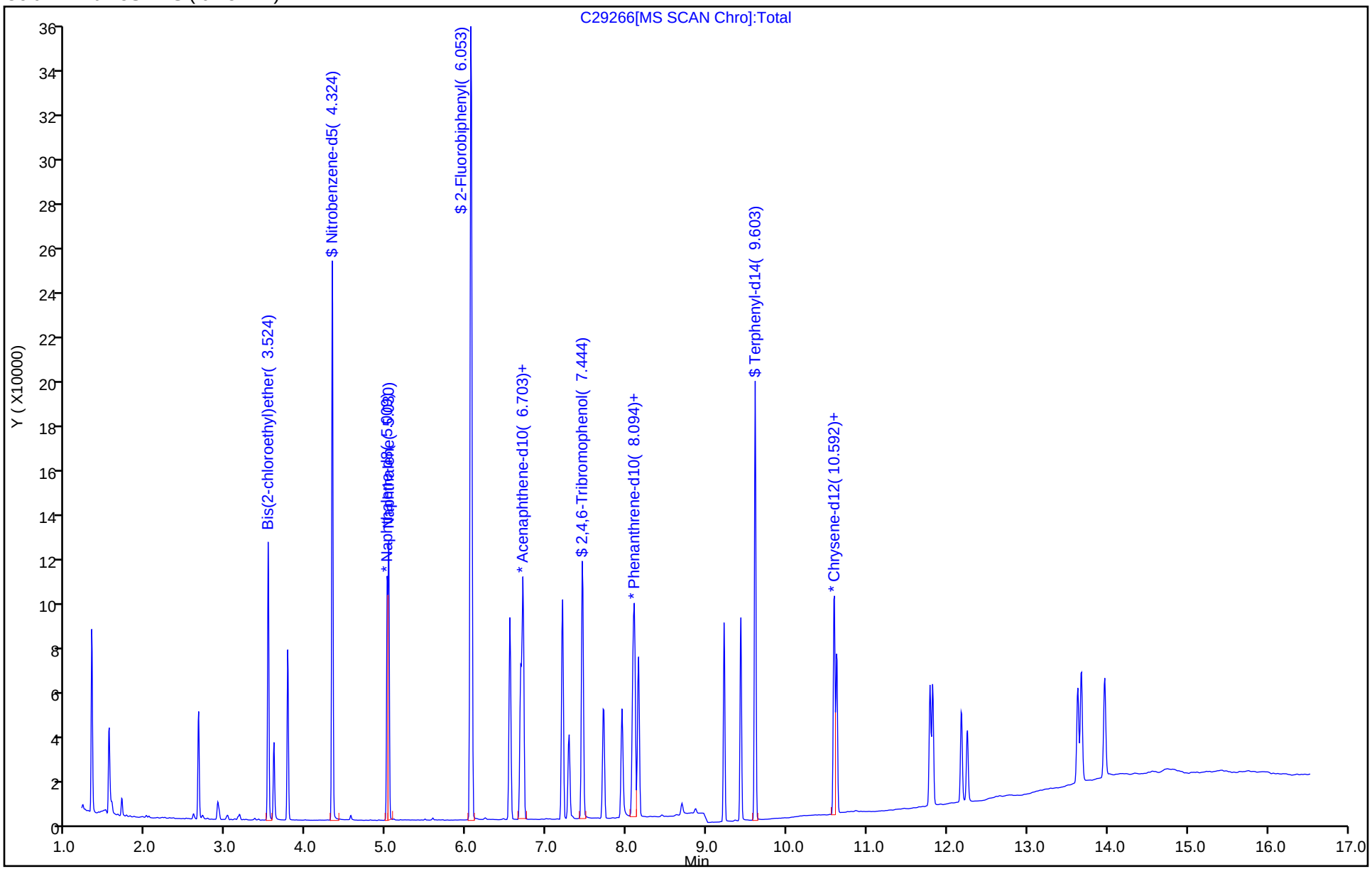
Report Date: 11-Dec-2023 11:53:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231211-169974.b\C29266.D

Injection Date:	11-Dec-2023 10:07:30	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.: 480-215449-1

SDG No.:

Lab Sample ID: ICV 460-943321/10 Calibration Date: 11/08/2023 12:13

Instrument ID: CBNAMS9 Calib Start Date: 11/08/2023 06:00

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2023 11:30

Lab File ID: 282193.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4270	0.4362		817	800	2.2	30.0
N-Nitrosodimethylamine	Lin2		0.4541		346	400	-13.6	30.0
Bis(2-chloroethyl)ether	Ave	0.9650	1.020	0.7000	423	400	5.7	30.0
Naphthalene	Ave	1.083	1.101	0.7000	203	200	1.6	30.0
Acenaphthylene	Ave	1.848	1.888	0.9000	204	200	2.2	30.0
Acenaphthene	Ave	1.167	1.160	0.9000	199	200	-0.6	30.0
Fluorene	Ave	1.337	1.367	0.9000	205	200	2.3	30.0
4,6-Dinitro-2-methylphenol	Ave	0.0652	0.0640	0.0100	785	800	-1.8	30.0
Hexachlorobenzene	Ave	0.3133	0.3102	0.1000	396	400	-1.0	30.0
Pentachlorophenol	QuaF		0.1173	0.0500	356	400	-11.0	30.0
Phenanthrene	Ave	0.8248	0.7769	0.7000	188	200	-5.8	30.0
Anthracene	Ave	0.5964	0.6363*	0.7000	213	200	6.7	30.0
Fluoranthene	Ave	0.8547	0.8190	0.6000	192	200	-4.2	30.0
Pyrene	Ave	1.962	1.927	0.6000	196	200	-1.8	30.0
Benzo[a]anthracene	Ave	1.336	1.303	0.8000	195	200	-2.5	30.0
Chrysene	Ave	1.655	1.574	0.7000	190	200	-4.9	30.0
Benzo[b]fluoranthene	Ave	1.668	1.749	0.0100	210	200	4.9	30.0
Benzo[k]fluoranthene	Ave	1.794	1.777	0.7000	198	200	-1.0	30.0
Benzo[a]pyrene	Ave	1.212	1.292	0.7000	213	200	6.6	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.702	1.509	0.5000	177	200	-11.3	30.0
Dibenz(a,h)anthracene	Ave	1.823	1.664	0.4000	183	200	-8.7	30.0
Benzo[g,h,i]perylene	Ave	2.001	1.691	0.5000	169	200	-15.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282193.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Nov-2023 12:13:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-010
Operator ID: Instrument ID: CBNAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 10:32:40 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 12:37:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.700	1.692	0.008	100	22100	0.8000	0.8172	
2 N-Nitrosodimethylamine	74	1.934	1.918	0.017	81	11504	0.4000	0.3456	
3 Bis(2-chloroethyl)ether	93	4.001	4.001	0.000	88	25834	0.4000	0.4227	
* 5 1,4-Dichlorobenzene-d4	152	4.259	4.259	0.000	98	12667	0.2000	0.2000	
* 7 Naphthalene-d8	136	5.474	5.482	-0.008	99	36863	0.2000	0.2000	
8 Naphthalene	128	5.498	5.490	0.000	100	40585	0.2000	0.2033	
10 Acenaphthylene	152	6.997	6.997	0.000	100	43853	0.2000	0.2044	
* 11 Acenaphthene-d10	164	7.135	7.134	0.001	97	23222	0.2000	0.2000	
12 Acenaphthene	154	7.165	7.165	0.000	97	26940	0.2000	0.1988	
13 Fluorene	166	7.654	7.654	0.000	95	31750	0.2000	0.2045	
14 4,6-Dinitro-2-methylphenol	198	7.700	7.715	-0.015	79	9876	0.8000	0.7853	
15 Hexachlorobenzene	284	8.174	8.189	-0.015	97	23951	0.4000	0.3961	
16 Pentachlorophenol	266	8.373	8.373	0.000	95	9057	0.4000	0.3561	
* 17 Phenanthrene-d10	188	8.541	8.541	0.000	100	38601	0.2000	0.2000	
18 Phenanthrene	178	8.556	8.572	-0.016	96	29991	0.2000	0.1884	
19 Anthracene	178	8.618	8.618	0.000	98	24561	0.2000	0.2134	
21 Fluoranthene	202	9.690	9.690	0.000	92	31613	0.2000	0.1916	
22 Pyrene	202	9.894	9.884	0.000	98	35969	0.2000	0.1964	
24 Benzo[a]anthracene	228	11.132	11.120	0.000	83	24322	0.2000	0.1950	
* 25 Chrysene-d12	240	11.132	11.144	-0.012	62	18667	0.2000	0.2000	
26 Chrysene	228	11.168	11.156	0.000	98	29377	0.2000	0.1902	
27 Benzo[b]fluoranthene	252	12.454	12.455	-0.012	99	26984	0.2000	0.2098	
28 Benzo[k]fluoranthene	252	12.490	12.491	-0.012	95	27402	0.2000	0.1981	
29 Benzo[a]pyrene	252	12.899	12.887	0.000	100	19930	0.2000	0.2132	
* 30 Perylene-d12	264	12.971	12.983	-0.012	99	15424	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.473	14.472	-0.012	90	23278	0.2000	0.1773	
32 Dibenz(a,h)anthracene	278	14.533	14.520	0.000	91	25670	0.2000	0.1826	
33 Benzo[g,h,i]perylene	276	14.882	14.868	0.000	74	26081	0.2000	0.1690	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00036 Amount Added: 1.00 Units: mL

Report Date: 08-Nov-2023 12:37:18 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282193.D

Injection Date: 08-Nov-2023 12:13:30 Instrument ID: CBNAMS9

Lims ID: ICV

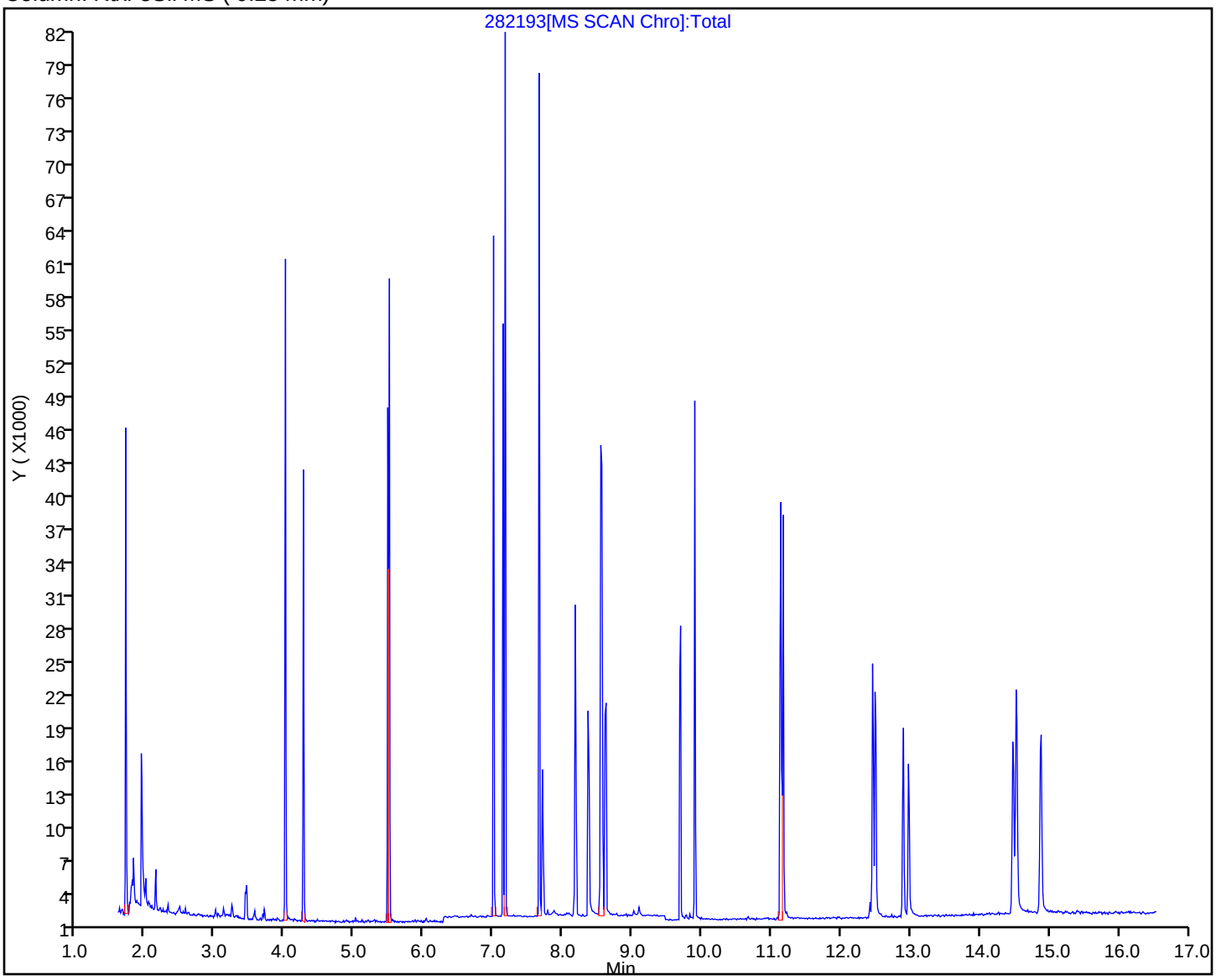
Client ID:

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)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Lab Sample ID: CCVIS 460-949034/2 Calibration Date: 12/09/2023 15:01

Instrument ID: CBNAMS9 Calib Start Date: 11/08/2023 06:00

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2023 11:30

Lab File ID: 282952.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4270	0.4578		858	800	7.2	20.0
N-Nitrosodimethylamine	Lin2		0.5565		421	400	5.4	20.0
Bis(2-chloroethyl)ether	Ave	0.9650	1.017	0.7000	422	400	5.4	20.0
Naphthalene	Ave	1.083	1.094	0.7000	202	200	1.0	20.0
Acenaphthylene	Ave	1.848	2.065	0.9000	224	200	11.8	20.0
Acenaphthene	Ave	1.167	1.095	0.9000	188	200	-6.2	20.0
Fluorene	Ave	1.337	1.405	0.9000	210	200	5.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.0652	0.0886	0.0100	1090	800	36.0*	20.0
Hexachlorobenzene	Ave	0.3133	0.3536	0.1000	451	400	12.9	20.0
Pentachlorophenol	QuaF		0.1559	0.0500	467	400	16.9	20.0
Phenanthrene	Ave	0.8248	0.9386	0.7000	228	200	13.8	20.0
Anthracene	Ave	0.5964	0.6706*	0.7000	225	200	12.4	20.0
Fluoranthene	Ave	0.8547	1.017	0.6000	238	200	19.0	20.0
Pyrene	Ave	1.962	1.858	0.6000	189	200	-5.3	20.0
Benzo[a]anthracene	Ave	1.336	1.496	0.8000	224	200	12.0	20.0
Chrysene	Ave	1.655	1.544	0.7000	187	200	-6.7	20.0
Benzo[b]fluoranthene	Ave	1.668	1.395	0.0100	167	200	-16.4	20.0
Benzo[k]fluoranthene	Ave	1.794	1.698	0.7000	189	200	-5.3	20.0
Benzo[a]pyrene	Ave	1.212	1.148	0.7000	189	200	-5.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.702	1.716	0.5000	202	200	0.8	20.0
Dibenz(a,h)anthracene	Ave	1.823	1.692	0.4000	186	200	-7.2	20.0
Benzo[g,h,i]perylene	Ave	2.001	1.815	0.5000	181	200	-9.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282952.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Dec-2023 15:01:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-BNsurrSIM_LVI_9*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: maheseep Date: 11-Dec-2023 09:07:06

	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	1.644	1.644	0.000	93	33973	0.8000	0.8577	
	2 N-Nitrosodimethylamine	74	1.869	1.869	0.000	86	20651	0.4000	0.4214	
	3 Bis(2-chloroethyl)ether	93	3.921	3.921	0.000	89	37744	0.4000	0.4216	
*	5 1,4-Dichlorobenzene-d4	152	4.178	4.178	0.000	100	18553	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.709	4.709	0.000	98	94093	1.00	0.99	
*	7 Naphthalene-d8	136	5.401	5.401	0.000	98	52405	0.2000	0.2000	
	8 Naphthalene	128	5.417	5.417	0.000	100	57340	0.2000	0.2020	
$	9 2-Fluorobiphenyl	172	6.431	6.431	0.000	93	252912	1.00	0.9328	
	10 Acenaphthylene	152	6.920	6.920	0.000	100	65236	0.2000	0.2235	
*	11 Acenaphthene-d10	164	7.058	7.058	0.000	94	31586	0.2000	0.2000	
	12 Acenaphthene	154	7.089	7.089	0.000	98	34583	0.2000	0.1876	
	13 Fluorene	166	7.578	7.578	0.000	96	44365	0.2000	0.2101	
	14 4,6-Dinitro-2-methylphenol	198	7.639	7.639	0.000	77	18081	0.8000	1.09	
$	20 2,4,6-Tribromophenol	330	7.807	7.807	0.000	97	45356	1.00	1.03	
	15 Hexachlorobenzene	284	8.098	8.098	0.000	99	36083	0.4000	0.4514	
	16 Pentachlorophenol	266	8.296	8.296	0.000	97	15909	0.4000	0.4675	
*	17 Phenanthrene-d10	188	8.465	8.465	0.000	100	51025	0.2000	0.2000	
	18 Phenanthrene	178	8.480	8.480	0.000	99	47891	0.2000	0.2276	
	19 Anthracene	178	8.526	8.526	0.000	96	34218	0.2000	0.2249	
	21 Fluoranthene	202	9.606	9.606	0.000	94	51916	0.2000	0.2381	
	22 Pyrene	202	9.822	9.822	0.000	95	46755	0.2000	0.1894	
$	23 Terphenyl-d14	244	9.990	9.990	0.000	92	118702	1.00	0.8637	
	24 Benzo[a]anthracene	228	11.036	11.036	0.000	99	37655	0.2000	0.2240	
*	25 Chrysene-d12	240	11.048	11.048	0.000	94	25166	0.2000	0.2000	
	26 Chrysene	228	11.072	11.072	0.000	99	38867	0.2000	0.1867	
	27 Benzo[b]fluoranthene	252	12.346	12.346	0.000	100	35302	0.2000	0.1672	
	28 Benzo[k]fluoranthene	252	12.382	12.382	0.000	90	42968	0.2000	0.1893	
	29 Benzo[a]pyrene	252	12.778	12.778	0.000	100	29058	0.2000	0.1894	
*	30 Perylene-d12	264	12.851	12.851	0.000	100	25308	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.329	14.329	0.000	87	43423	0.2000	0.2016	
	32 Dibenz(a,h)anthracene	278	14.377	14.377	0.000	95	42821	0.2000	0.1856	

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	14.713	14.713	0.000	81	45930	0.2000	0.1814	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL5_00019 Amount Added: 1.00 Units: mL

Report Date: 11-Dec-2023 09:07:07 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282952.D

Injection Date: 09-Dec-2023 15:01:30 Instrument ID: CBNAMS9

Lims ID: CCVIS

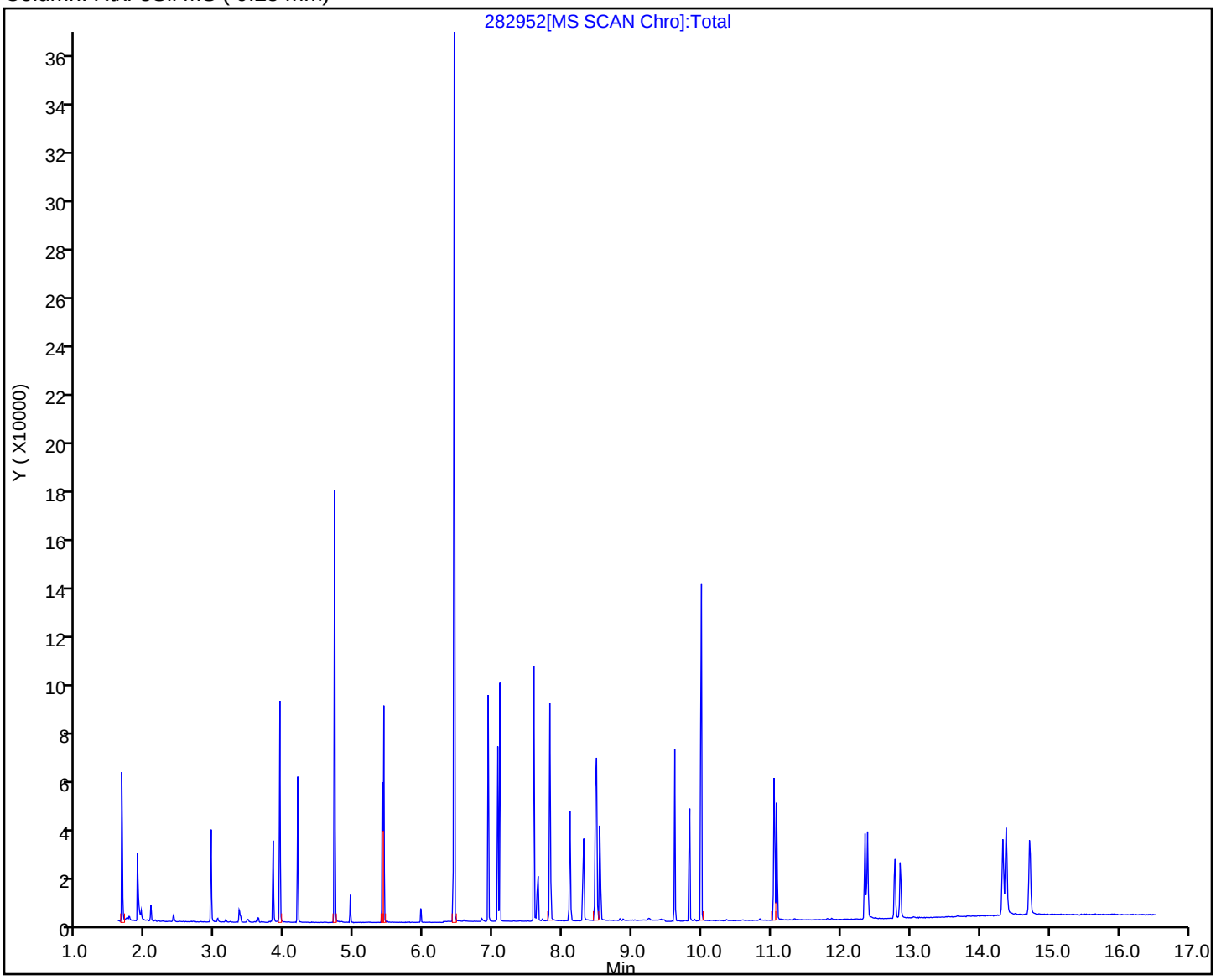
Client ID:

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)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 07-Dec-2023 14:33:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169827-001
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\BNsurrSIM_LVI_13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 06:52:36 Calib Date: 07-Dec-2023 19:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29180.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 11-Dec-2023 06:52:36

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	3.916	3.916	0.000	0	403057	NR	NR	
34 DFTPP									
35 Benzidine_T	184	5.240	5.240	0.000	0	2212800	NR	NR	
36 4,4'-DDD	235	5.681	5.681	0.000	0	13561		NR	
37 4,4'-DDE	246	5.781	5.781	0.000	0	232		NR	a
38 4,4'-DDT	235	5.898	5.898	0.000	0	935772	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

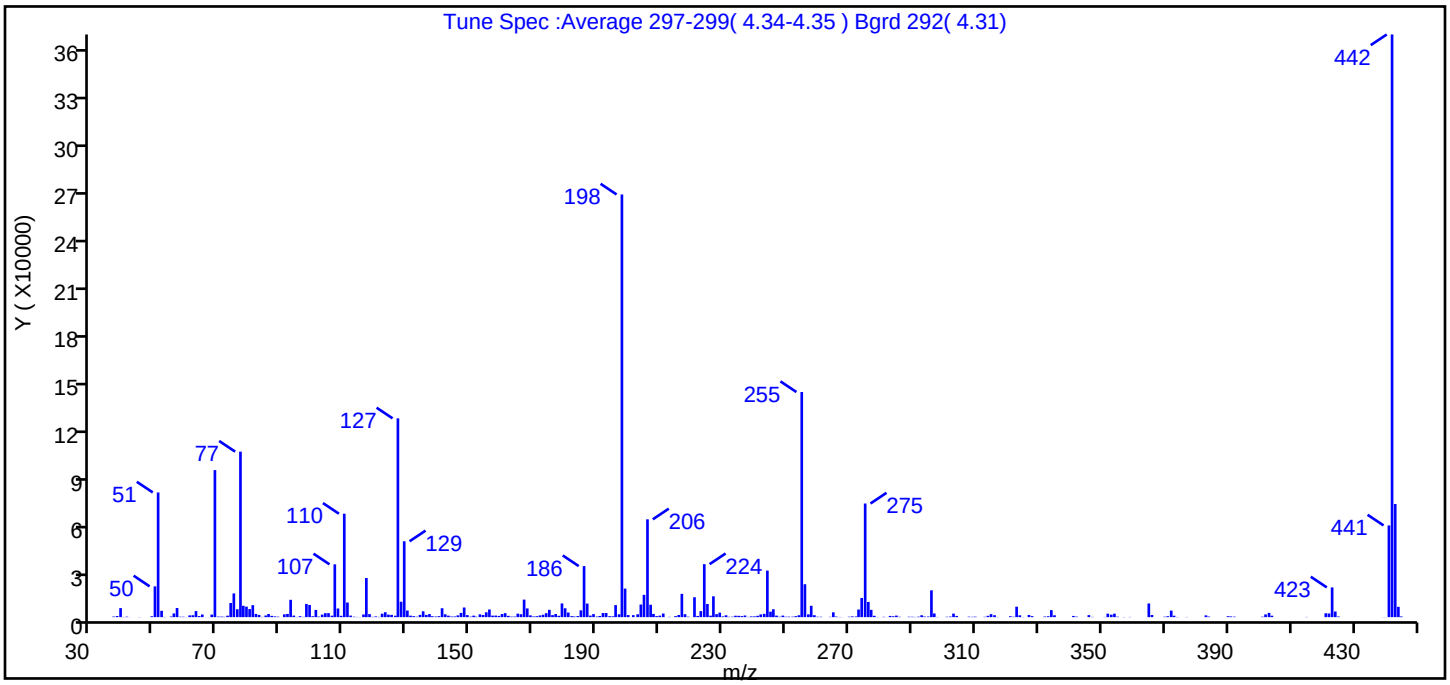
SMDFTP_CH_00035 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D
Injection Date: 07-Dec-2023 14:33:30 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 (1.7)
69	Present	34.8
70	<2% of m/z 69	0.1 (0.4)
197	<2% of m/z 198	0.7
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	3.2
441	<150% of m/z 443	21.7 (81.1)
442	Present	137.8
443	15-24% of m/z 442	26.8 (19.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 07-Dec-2023 14:33:30
Spectrum: Tune Spec :Average 297-299(4.34-4.35) Bgrd 292(4.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 310

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	363	121.00	161	199.00	17640	285.00	958
38.00	691	122.00	2131	200.00	1292	286.00	227
39.00	5582	123.00	3037	202.00	1234	289.00	263
40.00	106	124.00	1553	203.00	1762	290.00	238
41.00	297	125.00	1404	204.00	7809	291.00	124
42.00	30	126.00	873	205.00	13781	292.00	299
45.00	98	127.00	122872	206.00	60464	293.00	1157
48.00	20	128.00	9526	207.00	7659	294.00	366
49.00	538	129.00	46880	208.00	2012	295.00	378
50.00	19024	130.00	4084	209.00	637	296.00	16584
51.00	77072	131.00	927	210.00	938	297.00	2270
52.00	3920	132.00	600	211.00	2235	298.00	115
53.00	148	133.00	271	213.00	175	301.00	239
55.00	384	134.00	1390	215.00	635	302.00	362
56.00	2287	135.00	3615	216.00	1318	303.00	2191
57.00	5635	136.00	1399	217.00	14391	304.00	756
58.00	259	137.00	1914	218.00	1814	308.00	288
59.00	255	138.00	574	219.00	275	309.00	210
60.00	67	139.00	381	221.00	12304	310.00	301
61.00	1082	140.00	602	222.00	741	313.00	212
62.00	1176	141.00	5519	223.00	3708	314.00	830
63.00	3738	142.00	1749	224.00	32752	315.00	1843
64.00	640	143.00	922	225.00	8152	316.00	1183
65.00	1640	144.00	395	226.00	906	317.00	121
66.00	45	145.00	424	227.00	12883	321.00	557
67.00	56	146.00	1092	228.00	1856	322.00	241
68.00	1580	147.00	2618	229.00	2780	323.00	6463
69.00	90880	148.00	5952	230.00	457	324.00	1133
70.00	347	149.00	1271	231.00	1147	325.00	112
71.00	332	150.00	296	232.00	233	327.00	1344
72.00	201	151.00	934	233.00	275	328.00	642
73.00	905	152.00	288	234.00	883	332.00	361
74.00	8752	153.00	1742	235.00	825	333.00	567

Report Date: 11-Dec-2023 06:52:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 07-Dec-2023 14:33:30
Spectrum: Tune Spec :Average 297-299(4.34-4.35) Bgrd 292(4.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 310

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	14664	154.00	1341	236.00	637	334.00	4347
76.00	4883	155.00	2996	237.00	1014	335.00	1154
77.00	102304	156.00	4723	238.00	149	341.00	749
78.00	7016	157.00	950	239.00	459	342.00	315
79.00	6479	158.00	965	240.00	487	346.00	1247
80.00	4976	159.00	763	241.00	832	347.00	166
81.00	7396	160.00	1919	242.00	1686	351.00	114
82.00	1992	161.00	2463	243.00	2028	352.00	2157
83.00	1394	162.00	799	244.00	28784	353.00	1513
84.00	148	163.00	333	245.00	3370	354.00	2152
85.00	1008	164.00	361	246.00	4881	355.00	288
86.00	1943	165.00	2139	247.00	946	357.00	106
87.00	806	166.00	1801	248.00	252	359.00	130
88.00	462	167.00	10835	249.00	960	365.00	8445
89.00	304	168.00	5392	250.00	261	366.00	1326
91.00	1726	169.00	1109	251.00	305	370.00	259
92.00	1983	170.00	420	252.00	292	371.00	581
93.00	10711	171.00	573	253.00	629	372.00	4054
94.00	947	172.00	1050	254.00	1175	373.00	877
95.00	132	173.00	1478	255.00	139136	374.00	108
96.00	574	174.00	2450	256.00	20344	377.00	115
97.00	168	175.00	4524	257.00	1724	383.00	1105
98.00	8154	176.00	1253	258.00	7007	384.00	362
99.00	7535	177.00	1925	259.00	1197	390.00	562
100.00	552	178.00	821	260.00	242	391.00	446
101.00	4471	179.00	8471	261.00	237	392.00	304
102.00	333	180.00	5478	264.00	198	401.00	282
103.00	1561	181.00	2845	265.00	2985	402.00	1682
104.00	2457	182.00	616	266.00	357	403.00	2641
105.00	2477	183.00	398	267.00	120	404.00	879
106.00	909	184.00	659	268.00	51	415.00	125
107.00	32640	185.00	4196	270.00	245	421.00	2401
108.00	5348	186.00	31552	271.00	468	422.00	2262
109.00	832	187.00	8394	272.00	401	423.00	18376

Report Date: 11-Dec-2023 06:52:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D\BNsurrSIM_LVI_13.rslt\spectra.
Injection Date: 07-Dec-2023 14:33:30
Spectrum: Tune Spec :Average 297-299(4.34-4.35) Bgrd 292(4.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 310

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	63920	188.00	951	273.00	4700	424.00	3479
111.00	9039	189.00	1867	274.00	11863	425.00	391
112.00	956	190.00	352	275.00	70240	439.00	57
113.00	263	191.00	730	276.00	9401	440.00	56
114.00	123	192.00	2552	277.00	4519	441.00	56672
115.00	74	193.00	2571	278.00	819	442.00	360128
116.00	1646	194.00	603	279.00	119	443.00	69920
117.00	24192	195.00	502	281.00	204	444.00	6389
118.00	1860	196.00	7436	282.00	43	445.00	434
119.00	193	197.00	1760	283.00	759		
120.00	451	198.00	261248	284.00	542		

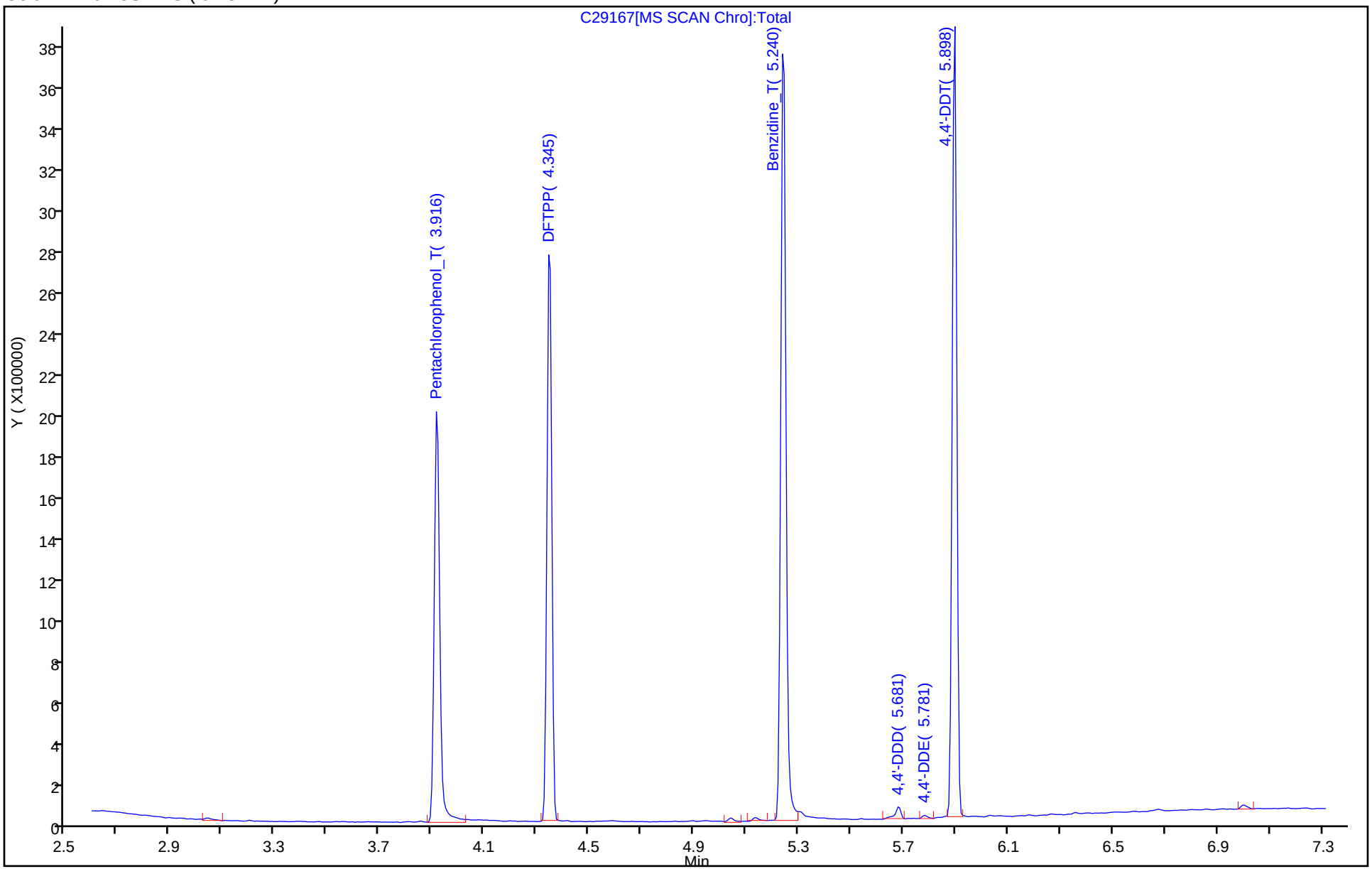
Report Date: 11-Dec-2023 06:52:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D

Injection Date:	07-Dec-2023 14:33:30	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)

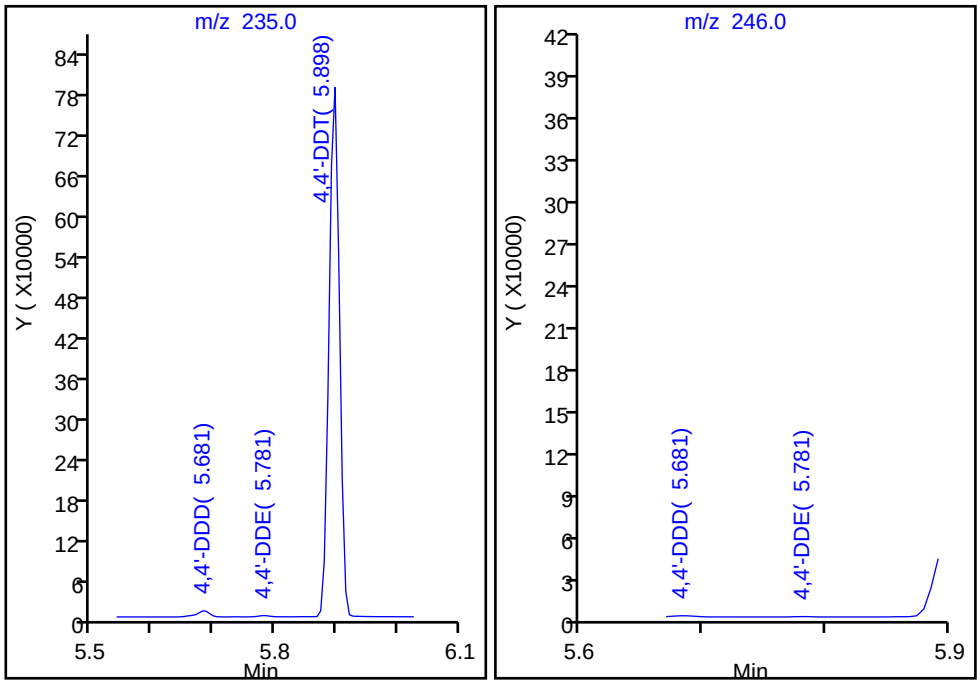


Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D
Injection Date: 07-Dec-2023 14:33:30 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 = 935772
36 4,4'-DDD, Area = 13561
37 4,4'-DDE, Area = 232

%Breakdown: 1.45%, <= 20.00%
Passed

Peak Tailing Report

Eurofins Edison

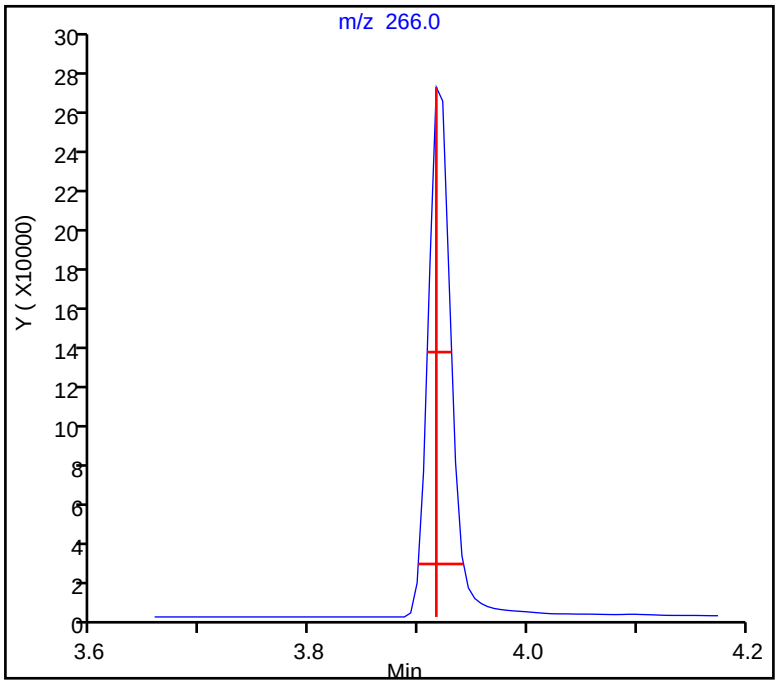
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D
Injection Date: 07-Dec-2023 14:33:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

6 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.025 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.47, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

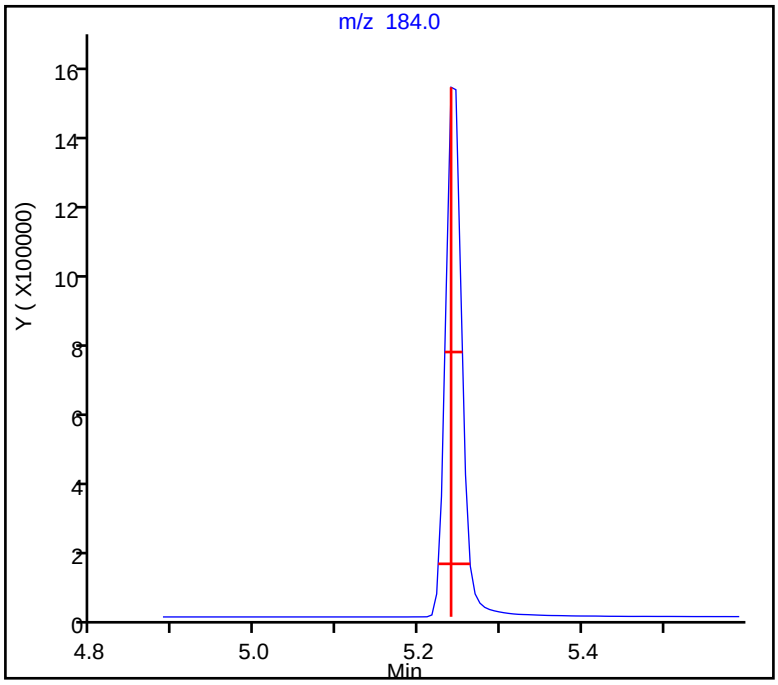
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20231207-169827.b\C29167.D
Injection Date: 07-Dec-2023 14:33:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_13 Limit Group: SV 8270E SIM ICAL

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.44, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 08-Nov-2023 05:43:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0168569-001
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 08-Nov-2023 12:02:11 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: G4KC Date: 08-Nov-2023 12:02:11

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	4.398	4.398	0.000	0	682434	NR	NR	a
36 Benzidine_T	184	5.643	5.643	0.000	0	3084551	NR	NR	
37 4,4'-DDD	235	6.084	6.084	0.000	0	17924		NR	a
38 4,4'-DDE	246	6.171	6.171	0.000	0	0		NR	a
35 DFTPP									
39 4,4'-DDT	235	6.295	6.295	0.000	0	1615945	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

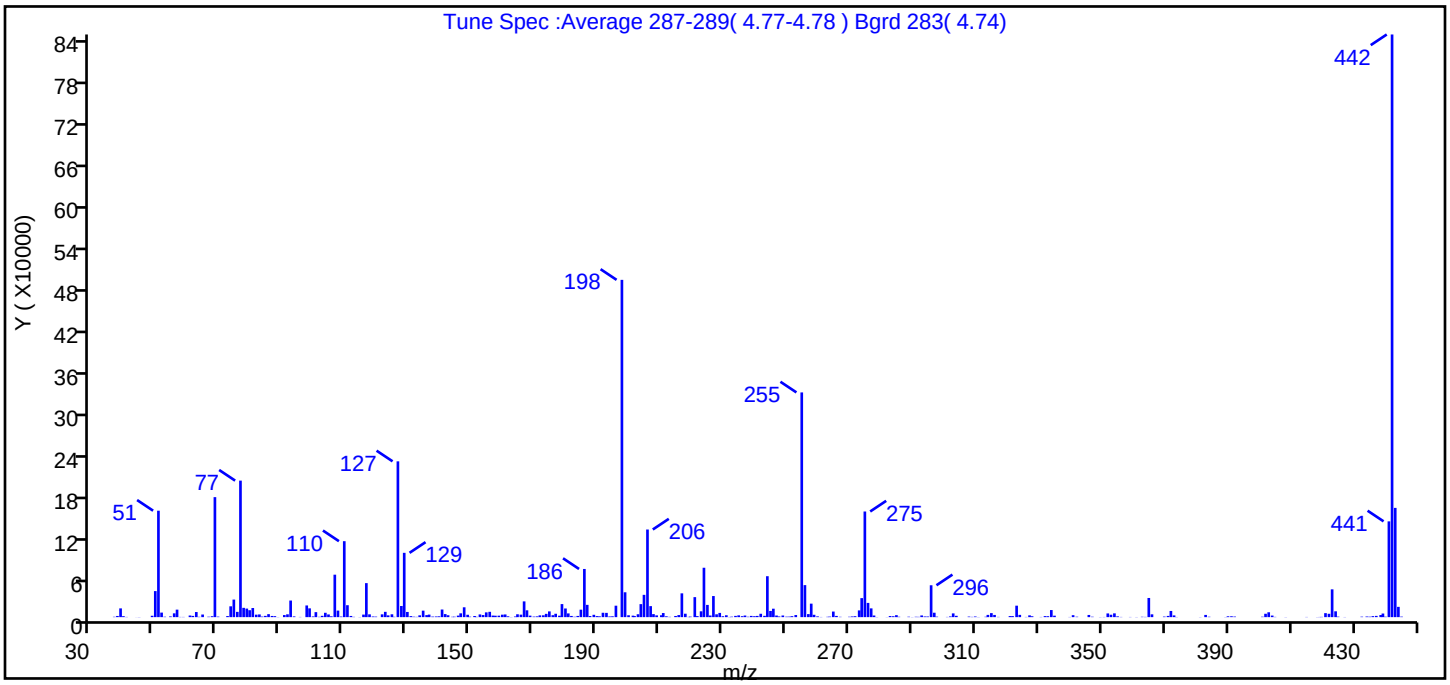
SMDFTP_CH_00035 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D				
Injection Date:	08-Nov-2023 05:43:30	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	0.3 (0.8)
69	Present	35.6
70	<2% of m/z 69	0.2 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.4
365	>1% of m/z 198	5.7
441	<150% of m/z 443	28.4 (87.7)
442	Present	172.8
443	15-24% of m/z 442	32.4 (18.8)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 08-Nov-2023 05:43:30
Spectrum: Tune Spec :Average 287-289(4.77-4.78) Bgrd 283(4.74)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	510	133.00	401	216.00	2986	310.00	934
38.00	1713	134.00	2608	217.00	34584	311.00	225
39.00	12735	135.00	9436	218.00	4983	313.00	567
40.00	1399	136.00	2966	219.00	440	314.00	3267
41.00	311	137.00	3692	220.00	727	315.00	5845
44.00	95	138.00	836	221.00	29080	316.00	3208
45.00	208	139.00	961	222.00	1504	317.00	342
49.00	2000	140.00	1190	223.00	8485	321.00	1530
50.00	37856	141.00	11081	224.00	71784	322.00	1499
51.00	154688	142.00	4447	225.00	17768	323.00	16664
52.00	6609	143.00	2743	226.00	2363	324.00	3300
53.00	609	144.00	521	227.00	30672	326.00	286
55.00	1046	145.00	646	228.00	4138	327.00	2600
56.00	5527	146.00	2235	229.00	6152	328.00	1282
57.00	10902	147.00	5556	230.00	1322	331.00	281
58.00	309	148.00	14326	231.00	2739	332.00	1496
59.00	295	149.00	3441	232.00	267	333.00	1363
61.00	2354	150.00	658	233.00	699	334.00	10307
62.00	1814	151.00	1636	234.00	1828	335.00	2115
63.00	7426	152.00	499	235.00	2564	340.00	271
64.00	461	153.00	3932	236.00	1381	341.00	2847
65.00	3820	154.00	3041	237.00	2332	342.00	620
67.00	624	155.00	6951	238.00	593	346.00	3179
68.00	1309	156.00	7747	239.00	1806	347.00	609
69.00	174400	157.00	2264	240.00	1353	350.00	214
70.00	771	158.00	2072	241.00	1787	351.00	255
73.00	1584	159.00	2134	242.00	4900	352.00	5398
74.00	15749	160.00	3592	243.00	1896	353.00	3497
75.00	25528	161.00	3917	244.00	59504	354.00	5499
76.00	7663	162.00	1204	245.00	9010	355.00	1128
77.00	198400	163.00	213	246.00	12271	356.00	305
78.00	13516	164.00	968	247.00	2347	359.00	267
79.00	12421	165.00	4152	248.00	996	361.00	219

Report Date: 08-Nov-2023 12:02:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 08-Nov-2023 05:43:30
Spectrum: Tune Spec :Average 287-289(4.77-4.78) Bgrd 283(4.74)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	10076	166.00	3631	249.00	2384	363.00	526
81.00	13247	167.00	22904	250.00	684	364.00	354
82.00	3589	168.00	9926	251.00	776	365.00	27848
83.00	3941	169.00	2192	252.00	1398	366.00	4094
84.00	828	170.00	785	253.00	3044	370.00	806
85.00	1845	171.00	1089	255.00	326592	371.00	1792
86.00	4337	172.00	2606	256.00	46536	372.00	8990
87.00	1723	173.00	2683	257.00	4418	373.00	2516
88.00	1412	174.00	4773	258.00	19616	374.00	251
89.00	190	175.00	8356	259.00	3422	381.00	195
91.00	3031	176.00	2831	260.00	1110	383.00	3220
92.00	4092	177.00	4916	261.00	259	384.00	582
93.00	24128	178.00	2077	263.00	484	389.00	204
94.00	1073	179.00	18984	264.00	764	390.00	1228
96.00	295	180.00	12586	265.00	8119	391.00	1273
98.00	16984	181.00	5419	266.00	1805	392.00	832
99.00	12791	182.00	1747	267.00	475	401.00	643
100.00	1002	183.00	553	270.00	578	402.00	4906
101.00	7270	184.00	1761	271.00	993	403.00	7061
102.00	471	185.00	10863	272.00	1344	404.00	2296
103.00	1908	186.00	70016	273.00	9800	405.00	363
104.00	6333	187.00	17864	274.00	27640	408.00	200
105.00	3913	188.00	1605	275.00	153536	415.00	284
106.00	1201	189.00	3409	276.00	20680	418.00	189
107.00	61704	190.00	1497	277.00	12755	419.00	286
108.00	9525	191.00	1177	278.00	2366	420.00	359
109.00	839	192.00	6359	279.00	226	421.00	5801
110.00	110384	193.00	6208	282.00	161	422.00	4885
111.00	17344	194.00	996	283.00	1593	423.00	40408
112.00	1741	195.00	1247	284.00	1314	424.00	8481
113.00	412	196.00	16640	285.00	2868	425.00	741
115.00	213	198.00	490176	286.00	566	427.00	226
116.00	3708	199.00	36136	289.00	625	432.00	695
117.00	49432	200.00	2733	290.00	185	434.00	922

Report Date: 08-Nov-2023 12:02:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D\BNsurrSIM_LVI_9.rslt\spectra.d
Injection Date: 08-Nov-2023 05:43:30
Spectrum: Tune Spec :Average 287-289(4.77-4.78) Bgrd 283(4.74)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	4064	202.00	2150	291.00	544	435.00	664
119.00	946	202.00	1573	292.00	423	436.00	1466
120.00	760	203.00	4199	293.00	2457	437.00	1821
122.00	4066	204.00	18912	294.00	954	438.00	3066
123.00	7724	205.00	32416	295.00	911	439.00	5259
124.00	2591	206.00	127368	296.00	46328	440.00	631
125.00	4146	207.00	16008	297.00	6422	441.00	139200
126.00	494	208.00	4404	298.00	710	442.00	846784
127.00	226432	209.00	2576	301.00	307	443.00	158784
128.00	16196	210.00	2742	302.00	1040	444.00	14946
129.00	93472	211.00	5965	303.00	5455	445.00	751
130.00	7544	212.00	1210	304.00	1950		
131.00	1494	213.00	426	308.00	822		
132.00	635	215.00	1686	309.00	394		

Report Date: 08-Nov-2023 12:02:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D

Injection Date: 08-Nov-2023 05:43:30 Instrument ID: CBNAMS9

Lims ID: DFTPP

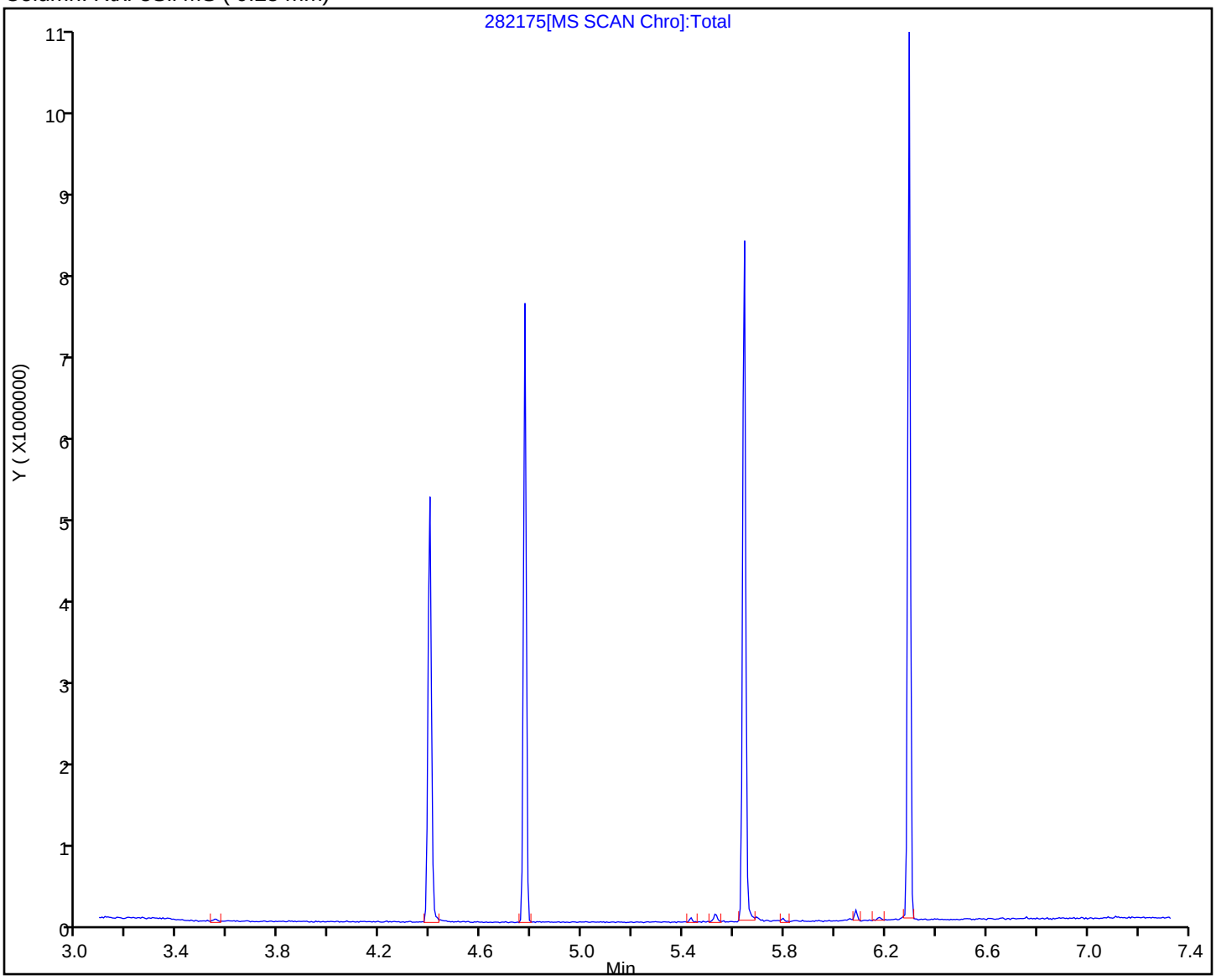
Client ID:

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)

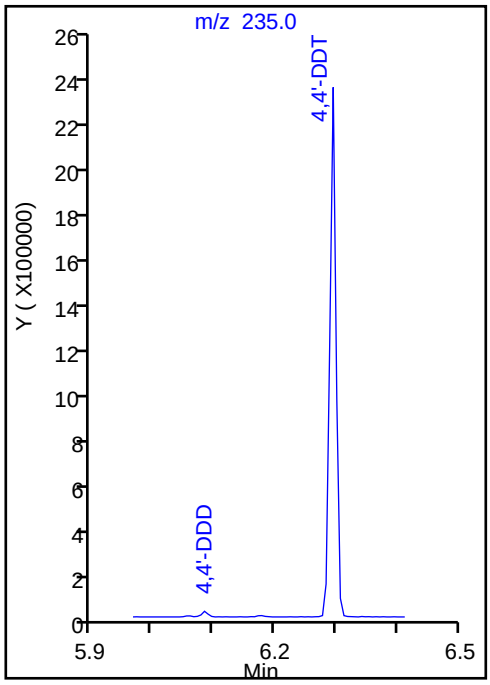


Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D
Injection Date: 08-Nov-2023 05:43:30 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 = 1615945
37 4,4'-DDD, Area = 17924
38 4,4'-DDE, Area = 0

%Breakdown: 1.10%, <= 20.00%
Passed

Peak Tailing Report

Eurofins Edison

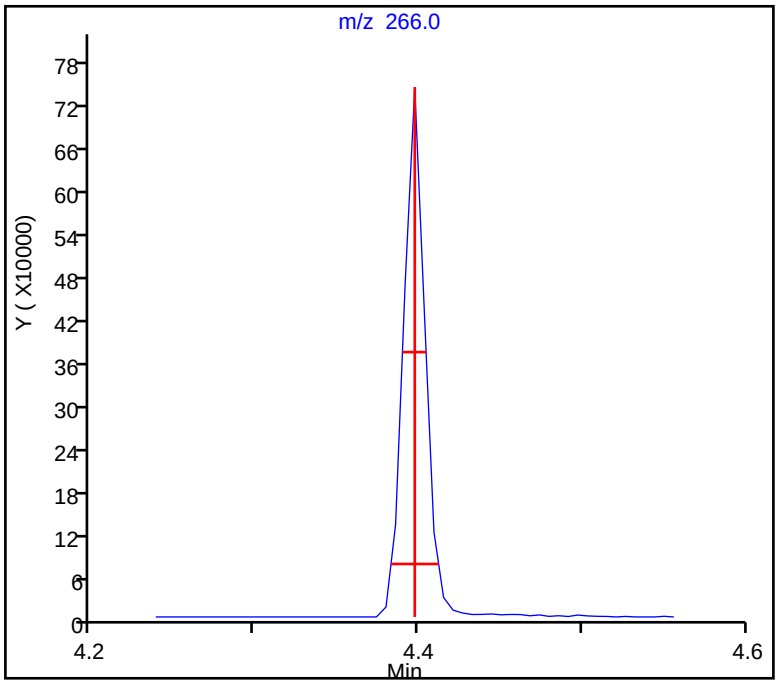
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D
Injection Date: 08-Nov-2023 05:43:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

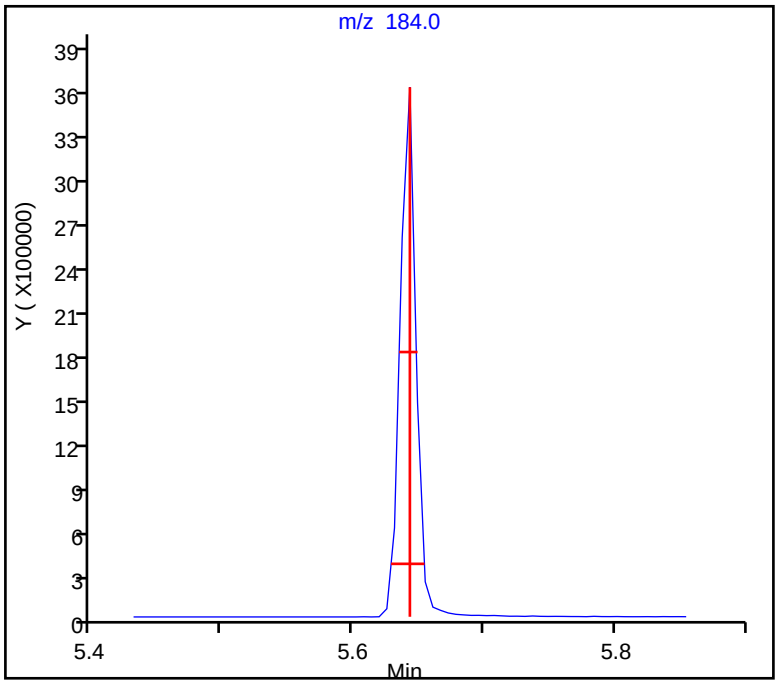
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282175.D
Injection Date: 08-Nov-2023 05:43:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: BNsurrSIM_LVI_9 Limit Group: SV 8270E SIM ICAL

36 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.79, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949013/1-A

Matrix: Water | Lab File ID: 282966.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:02

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.: 949034 | 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\20231209-169931.b\282966.D
Lims ID: MB 460-949013/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Dec-2023 20:02:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-016
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:53:44

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	4.178	4.178	0.000	100	18026	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.710	4.709	0.001	95	1050609	10.0	11.4	
* 7 Naphthalene-d8	136	5.393	5.401	-0.008	99	51133	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	6.431	6.431	0.000	93	2491163	10.0	9.84	
* 11 Acenaphthene-d10	164	7.058	7.058	0.000	93	29480	0.2000	0.2000	
$ 20 2,4,6-Tribromophenol	330	7.807	7.807	0.000	95	604621	10.0	14.7	
* 17 Phenanthrene-d10	188	8.465	8.465	0.000	100	40375	0.2000	0.2000	
$ 23 Terphenyl-d14	244	9.991	9.990	0.001	92	1376650	10.0	11.4	
* 25 Chrysene-d12	240	11.048	11.048	0.000	91	22208	0.2000	0.2000	
* 30 Perylene-d12	264	12.851	12.851	0.000	100	24107	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Dec-2023 09:09:53 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282966.D

Injection Date: 09-Dec-2023 20:02:30 Instrument ID: CBNAMS9

Lims ID: MB 460-949013/1-A

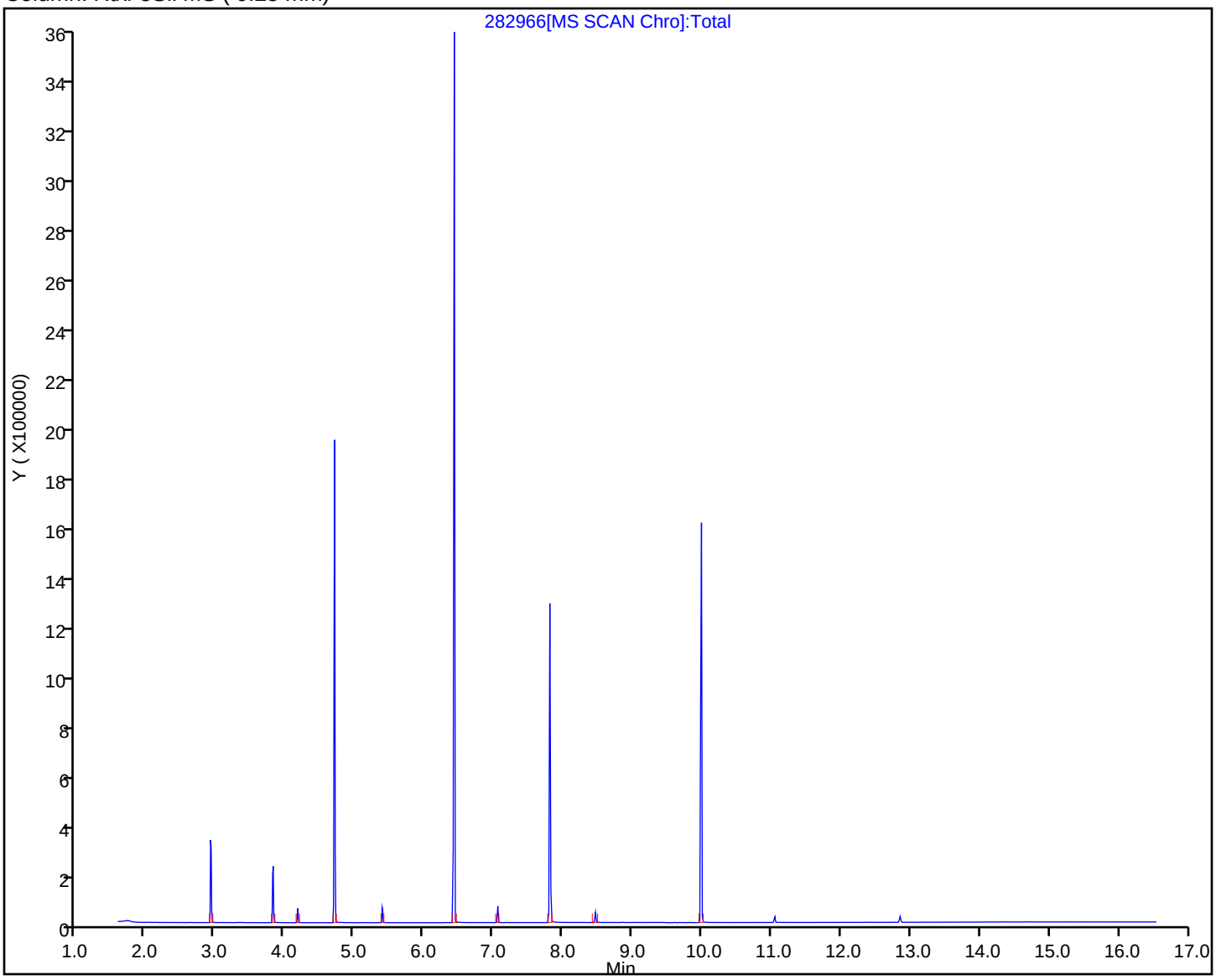
Client ID:

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\20231209-169931.b\282966.D
Lims ID: MB 460-949013/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Dec-2023 20:02:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-016
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:53:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	11.4	113.51
$ 9 2-Fluorobiphenyl	10.0	9.84	98.44
$ 20 2,4,6-Tribromophenol	10.0	14.7	147.19
$ 23 Terphenyl-d14	10.0	11.4	113.50

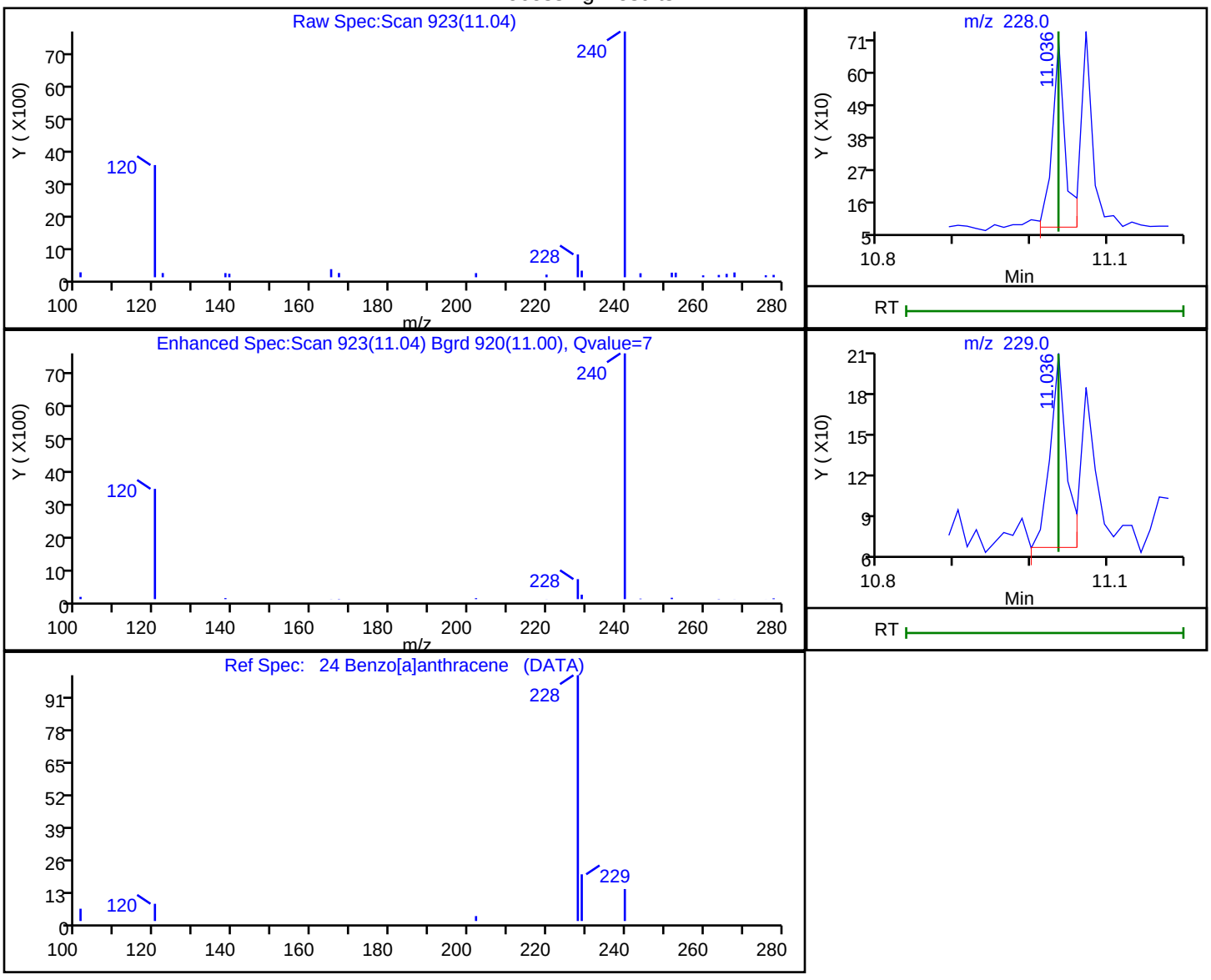
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282966.D				
Injection Date:	09-Dec-2023 20:02:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-949013/1-A				
Client ID:					
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)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
11.04	228.00	760	0.005123
11.04	229.00	204	

Reviewer: U6BX, 10-Dec-2023 14:53:39 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

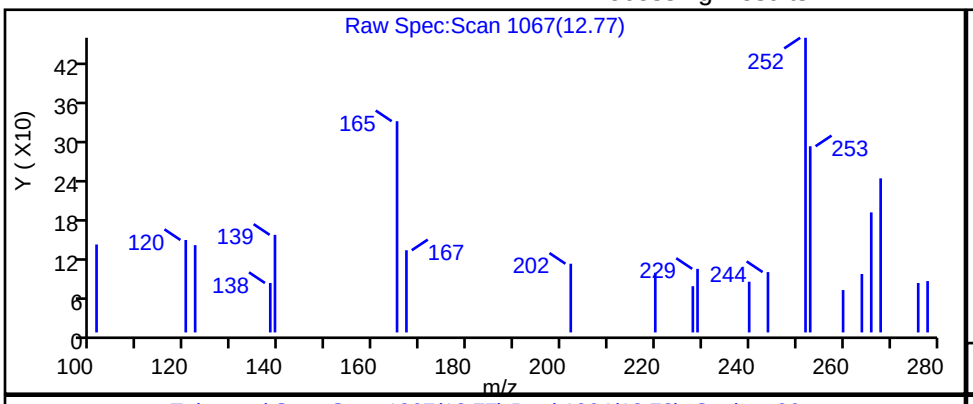
User Disabled Compound Report

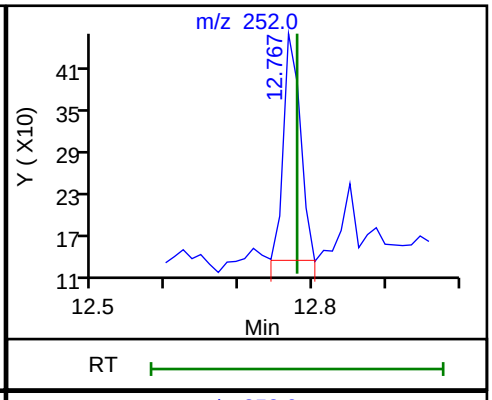
Eurofins Edison

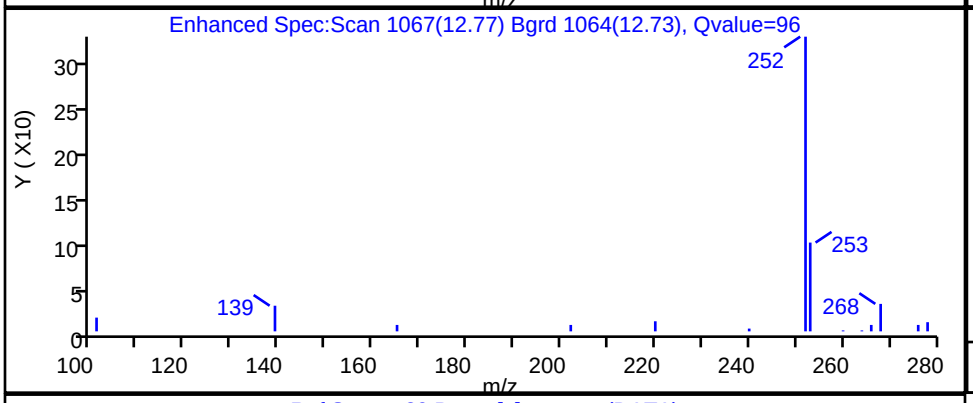
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282966.D				
Injection Date:	09-Dec-2023 20:02:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-949013/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

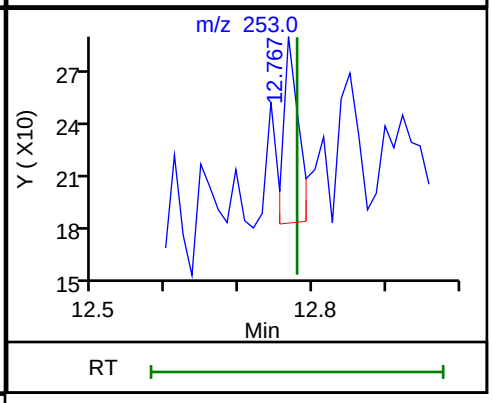
29 Benzo[a]pyrene, CAS: 50-32-8

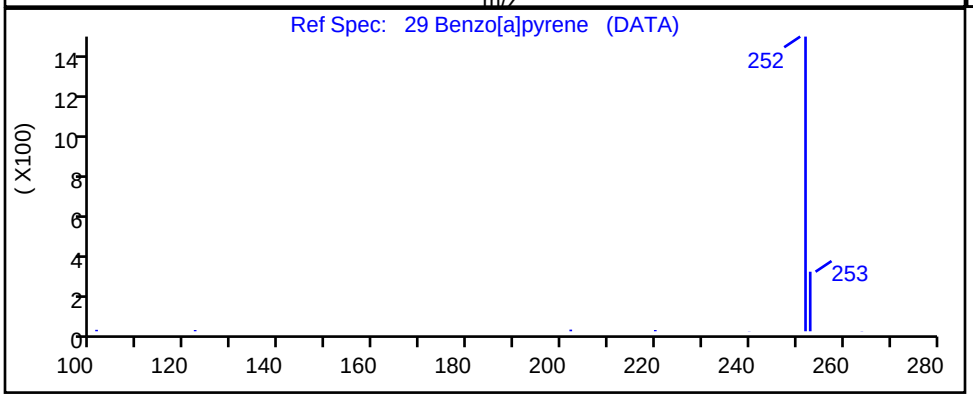
Processing Results











RT	Mass	Response	Amount
12.77	252.00	531	0.003634
12.77	253.00	146	

Reviewer: U6BX, 10-Dec-2023 14:53:41 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

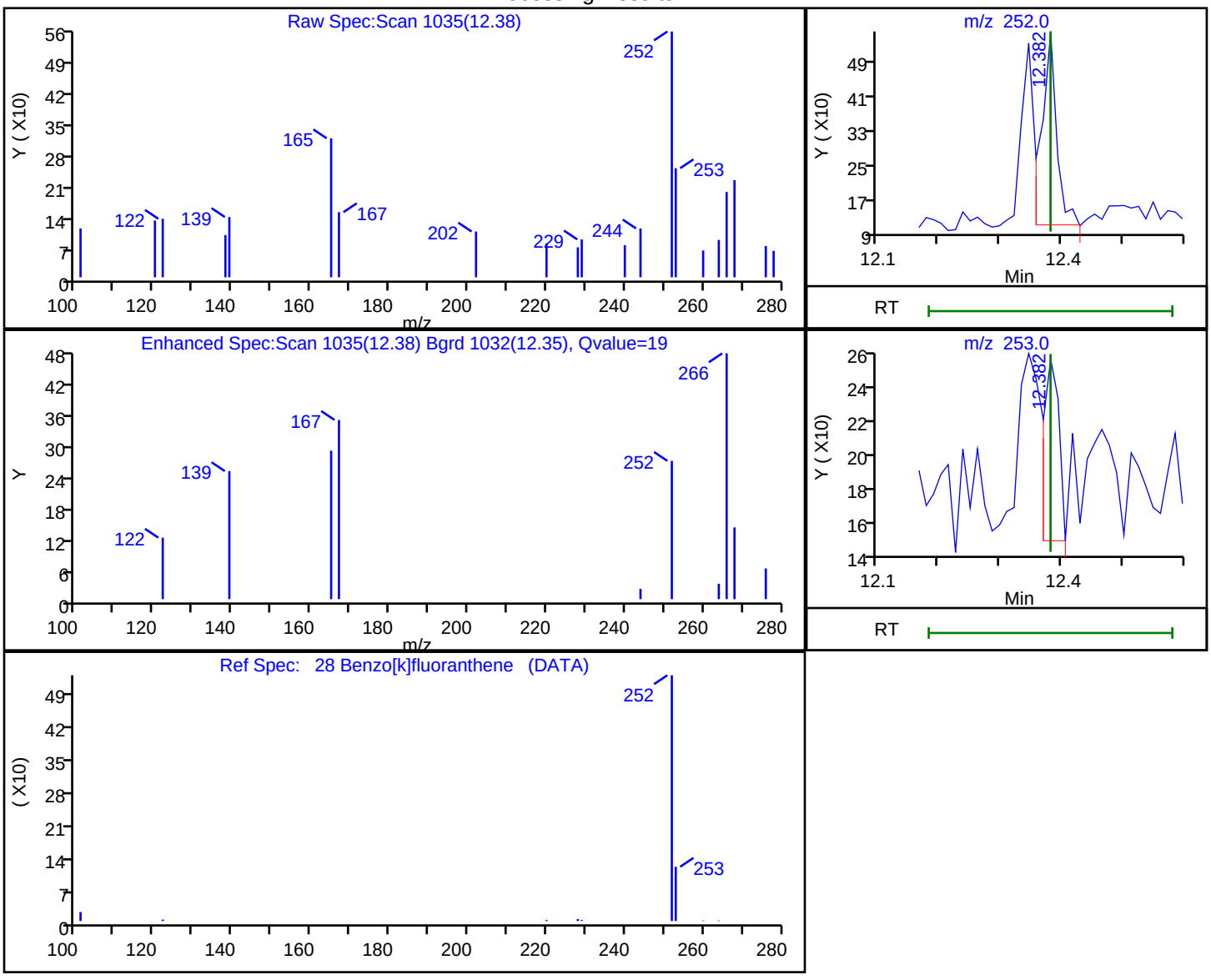
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282966.D				
Injection Date:	09-Dec-2023 20:02:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-949013/1-A				
Client ID:					
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)	Detector	MS SCAN		

28 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results



RT	Mass	Response	Amount
12.38	252.00	775	0.003584
12.38	253.00	164	

Reviewer: U6BX, 10-Dec-2023 14:53:41 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

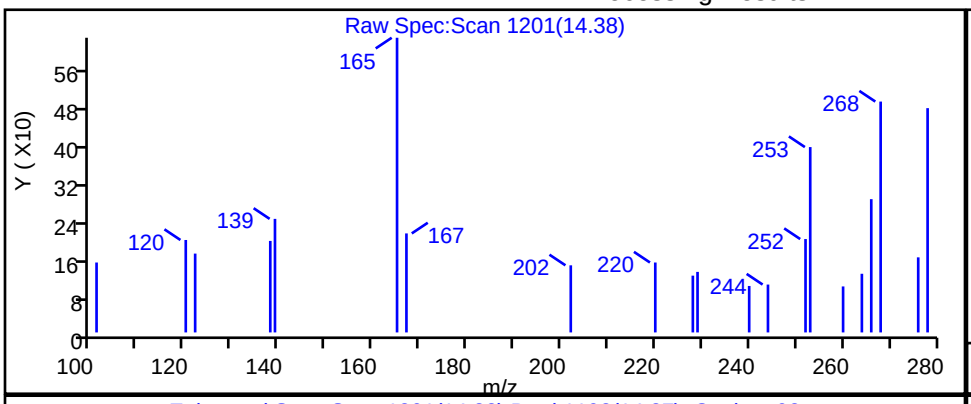
User Disabled Compound Report

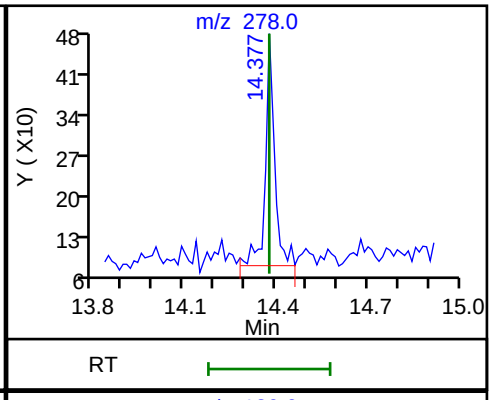
Eurofins Edison

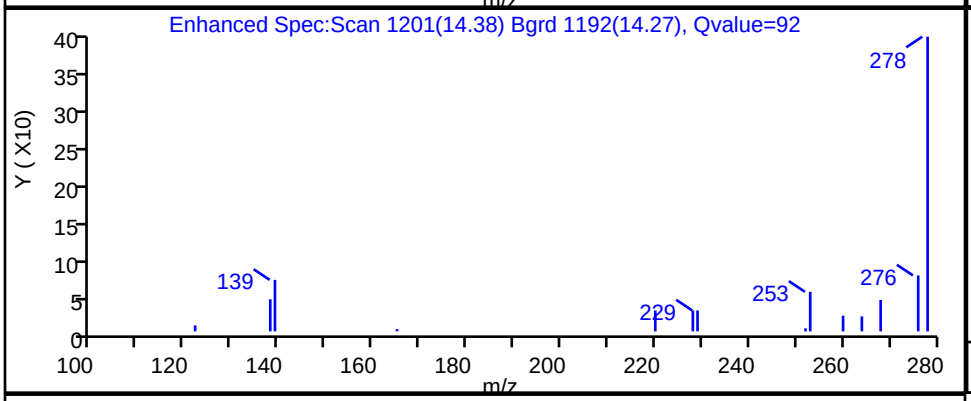
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282966.D				
Injection Date:	09-Dec-2023 20:02:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-949013/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	BNsurrSIM_LVI_9	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

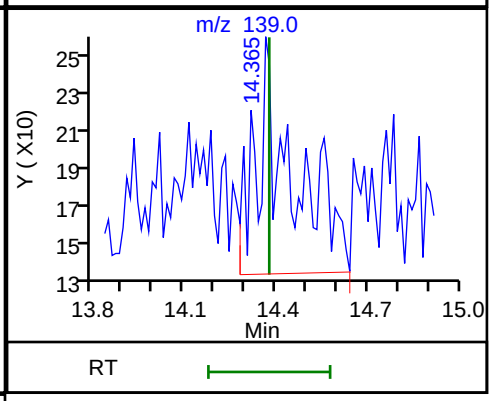
32 Dibenz(a,h)anthracene, CAS: 53-70-3

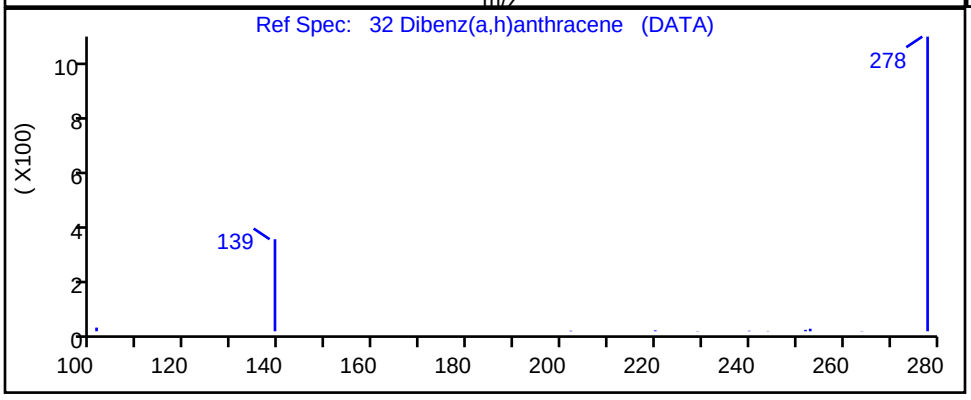
Processing Results











RT	Mass	Response	Amount
14.38	278.00	824	0.003750
14.36	139.00	989	

Reviewer: U6BX, 10-Dec-2023 14:53:42 -05:00:00 (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.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949013/4-A

Matrix: Water | Lab File ID: 282967.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:22

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.: 949034 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	2.50		0.050	0.016
50-32-8	Benzo[a]pyrene	2.65		0.050	0.022
205-99-2	Benzo[b]fluoranthene	2.06		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	2.15		0.050	0.035
207-08-9	Benzo[k]fluoranthene	2.25		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	2.22		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	2.38		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282967.D
Lims ID: LCS 460-949013/4-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Dec-2023 20:22:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-017
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:54:02

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	1.652	1.644	0.008	94	9572	0.2500	0.2178	
2 N-Nitrosodimethylamine	74	1.877	1.869	0.008	82	12778	0.2500	0.2391	
3 Bis(2-chloroethyl)ether	93	3.921	3.921	0.000	93	28395	0.2500	0.2859	
* 5 1,4-Dichlorobenzene-d4	152	4.178	4.178	0.000	100	20586	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.709	4.709	0.000	97	145708	1.00	1.43	
* 7 Naphthalene-d8	136	5.393	5.401	-0.008	99	56189	0.2000	0.2000	
8 Naphthalene	128	5.417	5.417	0.000	100	85799	0.2500	0.2819	
$ 9 2-Fluorobiphenyl	172	6.431	6.431	0.000	92	320642	1.00	1.20	
10 Acenaphthylene	152	6.920	6.920	0.000	100	95685	0.2500	0.3319	
* 11 Acenaphthene-d10	164	7.058	7.058	0.000	93	31199	0.2000	0.2000	
12 Acenaphthene	154	7.089	7.089	0.001	100	48533	0.2500	0.2665	
13 Fluorene	166	7.578	7.578	0.000	99	64910	0.2500	0.3113	
14 4,6-Dinitro-2-methylphenol	198	7.639	7.639	0.000	78	10577	0.5000	0.6992	
$ 20 2,4,6-Tribromophenol	330	7.807	7.807	0.000	96	74629	1.00	1.72	
15 Hexachlorobenzene	284	8.098	8.098	0.000	100	31671	0.2500	0.4355	
16 Pentachlorophenol	266	8.296	8.296	0.000	96	11932	0.5000	0.3886	
* 17 Phenanthrene-d10	188	8.465	8.465	0.000	100	46427	0.2000	0.2000	
18 Phenanthrene	178	8.480	8.480	0.000	96	87564	0.2500	0.4574	
19 Anthracene	178	8.526	8.526	0.000	98	61610	0.2500	0.4450	
21 Fluoranthene	202	9.606	9.606	0.000	94	73020	0.2500	0.3680	
22 Pyrene	202	9.822	9.822	0.000	94	66562	0.2500	0.2763	
$ 23 Terphenyl-d14	244	9.990	9.990	0.000	92	169490	1.00	1.26	
24 Benzo[a]anthracene	228	11.036	11.036	0.000	99	51312	0.2500	0.3128	
* 25 Chrysene-d12	240	11.048	11.048	0.000	93	24553	0.2000	0.2000	
26 Chrysene	228	11.072	11.072	0.000	92	56309	0.2500	0.2772	
27 Benzo[b]fluoranthene	252	12.346	12.346	0.000	100	50129	0.2500	0.2580	
28 Benzo[k]fluoranthene	252	12.382	12.382	0.000	98	58868	0.2500	0.2817	
29 Benzo[a]pyrene	252	12.766	12.778	-0.012	100	46804	0.2500	0.3314	
* 30 Perylene-d12	264	12.851	12.851	0.000	100	23299	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.329	14.329	0.000	86	59097	0.2500	0.2981	
32 Dibenz(a,h)anthracene	278	14.377	14.377	0.000	93	59003	0.2500	0.2778	
33 Benzo[g,h,i]perylene	276	14.713	14.713	0.000	77	62601	0.2500	0.2686	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Dec-2023 09:10:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282967.D

Injection Date: 09-Dec-2023 20:22:30 Instrument ID: CBNAMS9

Lims ID: LCS 460-949013/4-A

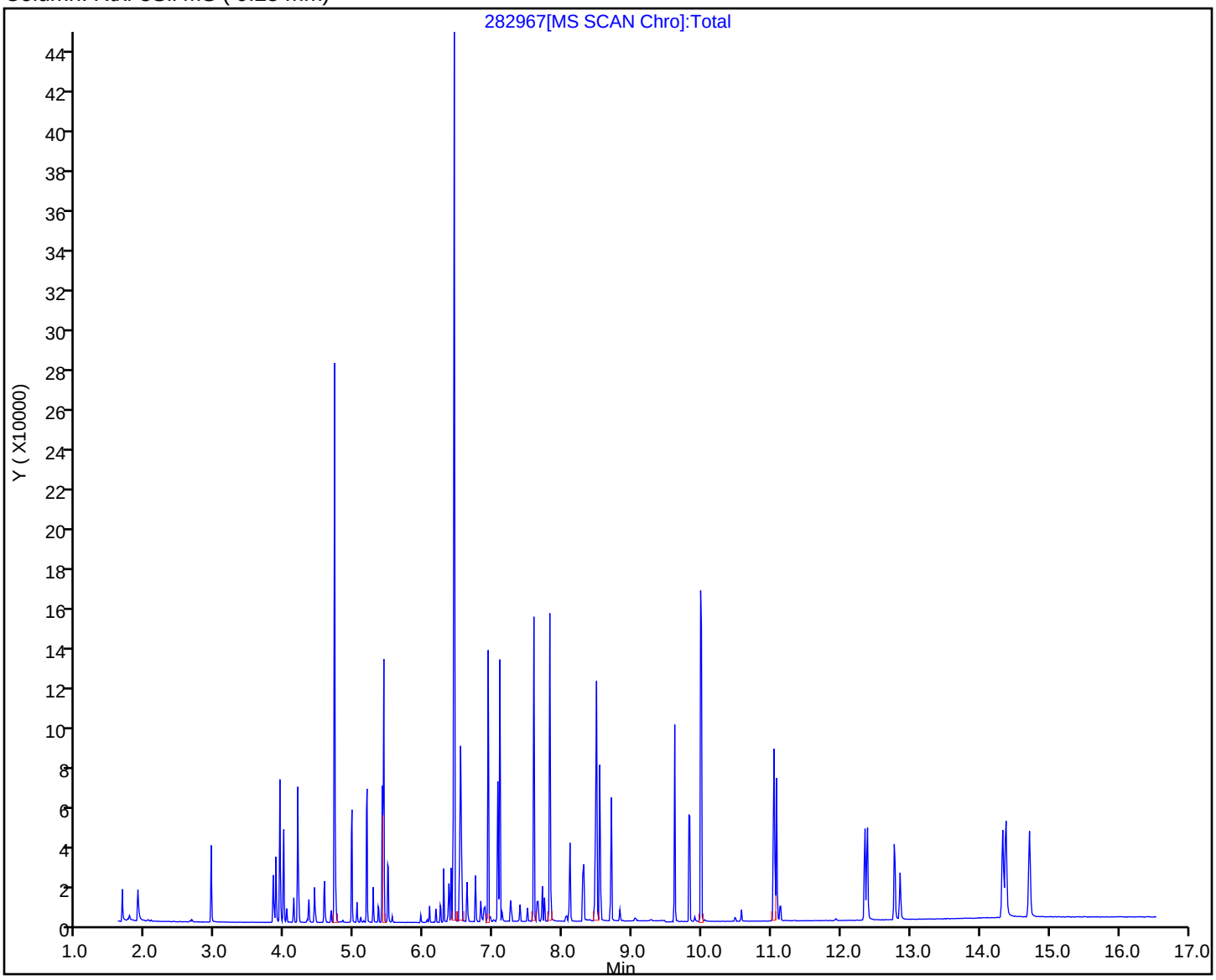
Client ID:

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\20231209-169931.b\282967.D
Lims ID: LCS 460-949013/4-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Dec-2023 20:22:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-017
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:54:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	1.43	143.26
$ 9 2-Fluorobiphenyl	1.00	1.20	119.72
$ 20 2,4,6-Tribromophenol	1.00	1.72	171.67
$ 23 Terphenyl-d14	1.00	1.26	126.40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 480-215449-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949013/5-A

Matrix: Water | Lab File ID: 282968.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 12/09/2023 10:47

Sample wt/vol: 250(mL) | Date Analyzed: 12/09/2023 20:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 949034 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	2.67		0.050	0.016
50-32-8	Benzo[a]pyrene	2.82		0.050	0.022
205-99-2	Benzo[b]fluoranthene	2.29		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	2.42		0.050	0.035
207-08-9	Benzo[k]fluoranthene	2.44		0.050	0.028
53-70-3	Dibenz(a,h)anthracene	2.48		0.050	0.020
193-39-5	Indeno[1,2,3-cd]pyrene	2.64		0.050	0.036

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282968.D
Lims ID: LCSD 460-949013/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Dec-2023 20:43:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-018
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:54:23

	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	1.652	1.644	0.008	90	7859	0.2500	0.2164	
	2 N-Nitrosodimethylamine	74	1.877	1.869	0.008	90	11499	0.2500	0.2596	
	3 Bis(2-chloroethyl)ether	93	3.921	3.921	0.000	91	25625	0.2500	0.3123	
*	5 1,4-Dichlorobenzene-d4	152	4.178	4.178	0.000	100	17008	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.709	4.709	0.000	95	132275	1.00	1.55	
*	7 Naphthalene-d8	136	5.393	5.401	-0.008	100	47113	0.2000	0.2000	
	8 Naphthalene	128	5.417	5.417	0.000	100	79264	0.2500	0.3106	
$	9 2-Fluorobiphenyl	172	6.431	6.431	0.000	93	308973	1.00	1.28	
	10 Acenaphthylene	152	6.921	6.920	0.001	100	86595	0.2500	0.3334	
*	11 Acenaphthene-d10	164	7.058	7.058	0.000	92	28113	0.2000	0.2000	
	12 Acenaphthene	154	7.089	7.089	0.001	99	46656	0.2500	0.2844	
	13 Fluorene	166	7.578	7.578	0.000	99	61365	0.2500	0.3266	
	14 4,6-Dinitro-2-methylphenol	198	7.639	7.639	0.000	78	10980	0.5000	0.8091	
$	20 2,4,6-Tribromophenol	330	7.807	7.807	0.000	95	75158	1.00	1.92	
	15 Hexachlorobenzene	284	8.098	8.098	0.000	100	31999	0.2500	0.4904	
	16 Pentachlorophenol	266	8.297	8.296	0.001	99	12060	0.5000	0.4356	
*	17 Phenanthrene-d10	188	8.465	8.465	0.000	100	41651	0.2000	0.2000	
	18 Phenanthrene	178	8.480	8.480	0.000	97	83220	0.2500	0.4845	
	19 Anthracene	178	8.526	8.526	0.000	98	61682	0.2500	0.4966	
	21 Fluoranthene	202	9.606	9.606	0.000	94	70824	0.2500	0.3979	
	22 Pyrene	202	9.822	9.822	0.000	94	68520	0.2500	0.3095	
$	23 Terphenyl-d14	244	9.991	9.990	0.001	92	168868	1.00	1.37	
	24 Benzo[a]anthracene	228	11.036	11.036	0.000	98	50319	0.2500	0.3338	
*	25 Chrysene-d12	240	11.048	11.048	0.000	93	22567	0.2000	0.2000	
	26 Chrysene	228	11.072	11.072	0.000	97	56084	0.2500	0.3004	
	27 Benzo[b]fluoranthene	252	12.346	12.346	0.000	100	49092	0.2500	0.2865	
	28 Benzo[k]fluoranthene	252	12.382	12.382	0.000	92	56234	0.2500	0.3051	
	29 Benzo[a]pyrene	252	12.767	12.778	-0.011	100	43924	0.2500	0.3526	
*	30 Perylene-d12	264	12.851	12.851	0.000	100	20548	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.329	14.329	0.000	86	57744	0.2500	0.3302	
	32 Dibenz(a,h)anthracene	278	14.377	14.377	0.000	93	58084	0.2500	0.3101	
	33 Benzo[g,h,i]perylene	276	14.713	14.713	0.000	76	62077	0.2500	0.3020	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMISTDLVI_00034 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Dec-2023 09:10:20 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\282968.D

Injection Date: 09-Dec-2023 20:43:30 Instrument ID: CBNAMS9

Lims ID: LCSD 460-949013/5-A

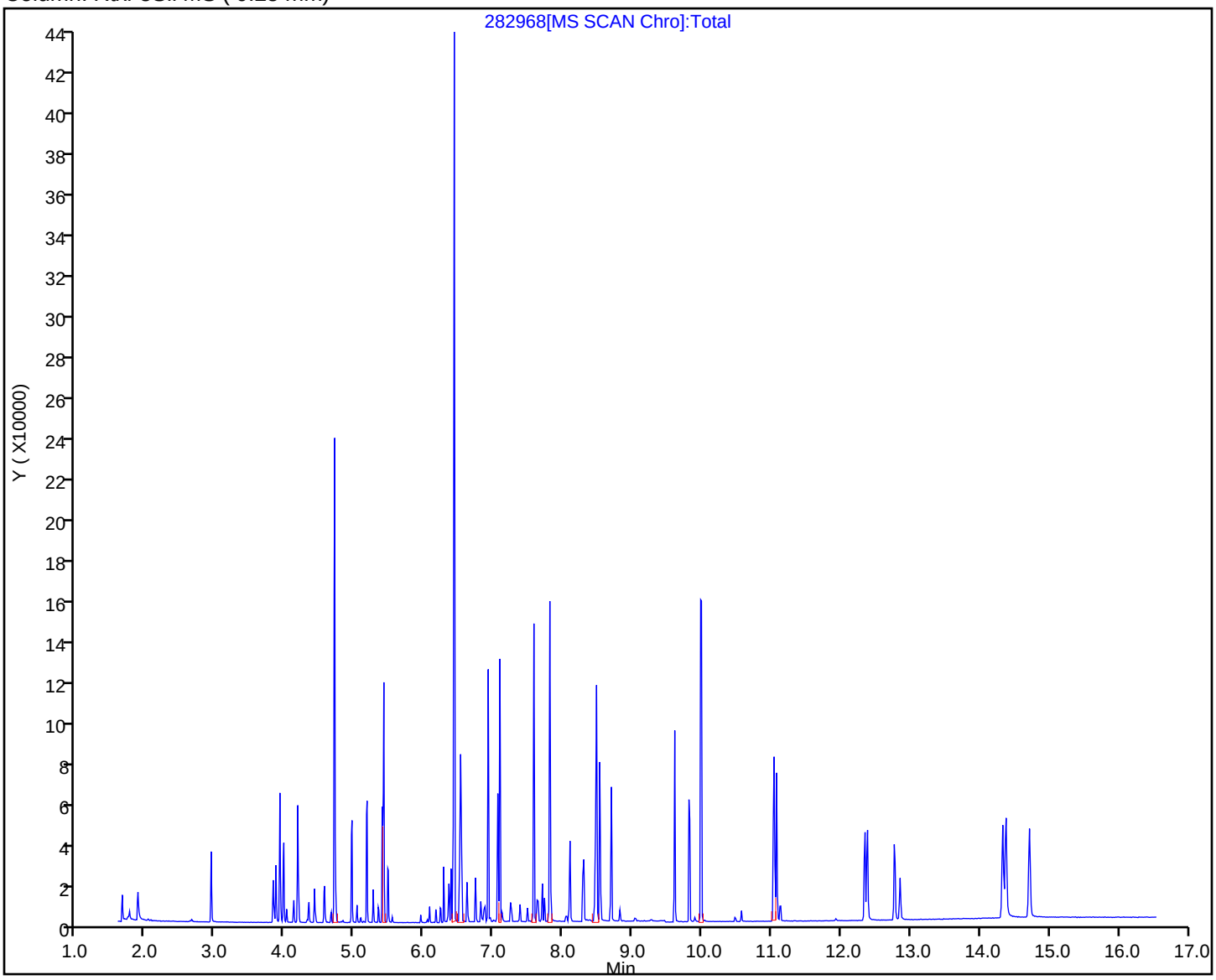
Client ID:

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\20231209-169931.b\282968.D
Lims ID: LCSD 460-949013/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Dec-2023 20:43:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0169931-018
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20231209-169931.b\BNsurrSIM_LVI_9.m
Limit Group: SV 8270E SIM ICAL
Last Update: 11-Dec-2023 09:07:06 Calib Date: 08-Nov-2023 11:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20231108-168569.b\282191.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: U6BX Date: 10-Dec-2023 14:54:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	1.55	155.11
$ 9 2-Fluorobiphenyl	1.00	1.28	128.03
$ 20 2,4,6-Tribromophenol	1.00	1.92	191.87
$ 23 Terphenyl-d14	1.00	1.37	137.01

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 12/07/2023 14:33

Analysis Batch Number: 948564 End Date: 12/07/2023 19:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-948564/1		12/07/2023 14:33	1	C29167.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-948564/2		12/07/2023 14:51	1	C29168.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-948564/3 IC		12/07/2023 15:35	1	C29170.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-948564/4 IC		12/07/2023 16:18	1	C29172.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-948564/5 IC		12/07/2023 17:02	1	C29174.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-948564/6 IC		12/07/2023 17:46	1	C29176.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-948564/7 IC		12/07/2023 18:30	1	C29178.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-948564/8 IC		12/07/2023 19:14	1	C29180.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-948564/9		12/07/2023 19:59	1	C29182.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 12/11/2023 10:07

Analysis Batch Number: 949181 End Date: 12/11/2023 20:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-949181/2		12/11/2023 10:07	1	C29266.D	Rtxi-5Sil MS 0.25(mm)
480-215449-1	MW-C11_20231204	12/11/2023 11:30	1	C29270.D	Rtxi-5Sil MS 0.25(mm)
480-215449-2	MW-C12_20231204	12/11/2023 11:51	1	C29271.D	Rtxi-5Sil MS 0.25(mm)
480-215449-3	MW-C16_20231204	12/11/2023 12:12	1	C29272.D	Rtxi-5Sil MS 0.25(mm)
480-215449-4	MW-13S_20231204	12/11/2023 12:33	1	C29273.D	Rtxi-5Sil MS 0.25(mm)
480-215449-5	MW-22S_20231204	12/11/2023 12:54	1	C29274.D	Rtxi-5Sil MS 0.25(mm)
480-215449-6	MW-23S_20231205	12/11/2023 13:15	1	C29275.D	Rtxi-5Sil MS 0.25(mm)
480-215449-7	MW-46S_20231205	12/11/2023 13:36	1	C29276.D	Rtxi-5Sil MS 0.25(mm)
480-215449-8	MW-48S_20231205	12/11/2023 13:56	1	C29277.D	Rtxi-5Sil MS 0.25(mm)
480-215449-9	DUP-1_202312	12/11/2023 14:17	1	C29278.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 14:38	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 14:59	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 15:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 16:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 17:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 17:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 18:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 18:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 20:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/11/2023 20:47	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 11/08/2023 05:43

Analysis Batch Number: 943321 End Date: 11/08/2023 12:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-943321/1		11/08/2023 05:43	1	282175.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-943321/3 IC		11/08/2023 06:44	1	282178.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-943321/4 IC		11/08/2023 07:28	1	282180.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-943321/5 IC		11/08/2023 08:11	1	282182.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-943321/6 IC		11/08/2023 08:55	1	282184.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-943321/7 IC		11/08/2023 09:39	1	282186.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-943321/8 IC		11/08/2023 10:23	1	282188.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-943321/9		11/08/2023 11:30	1	282191.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-943321/10		11/08/2023 12:13	1	282193.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 12/09/2023 15:01

Analysis Batch Number: 949034 End Date: 12/09/2023 22:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-949034/2		12/09/2023 15:01	1	282952.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 15:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 16:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 16:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 17:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 17:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 17:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 18:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 18:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 19:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 19:41	1		Rtxi-5Sil MS 0.25(mm)
MB 460-949013/1-A		12/09/2023 20:02	1	282966.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-949013/4-A		12/09/2023 20:22	1	282967.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-949013/5-A		12/09/2023 20:43	1	282968.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 21:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 22:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 22:28	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		12/09/2023 22:48	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 943321 Batch Start Date: 11/08/23 05:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SM_SIMICV_LVI 00036	SM_simSlviL1 00019	SM_simSlviL2 00019	SM_simSlviL3 00022	SM_simSlviL4 00018
DFTPP 460-943321/1		8270E SIM		1 mL					
STD7 460-943321/3 IC		8270E SIM		1 mL					
STD6 460-943321/4 IC		8270E SIM		1 mL					
STD4 460-943321/5 IC		8270E SIM		1 mL					1 mL
STD3 460-943321/6 IC		8270E SIM		1 mL				1 mL	
STD2 460-943321/7 IC		8270E SIM		1 mL			1 mL		
STD1 460-943321/8 IC		8270E SIM		1 mL		1 mL			
ICIS 460-943321/9		8270E SIM		1 mL					
ICV 460-943321/10		8270E SIM		1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SMDFTP_CH 00035		
DFTPP 460-943321/1		8270E SIM					1 mL		
STD7 460-943321/3 IC		8270E SIM				1 mL			
STD6 460-943321/4 IC		8270E SIM			1 mL				
STD4 460-943321/5 IC		8270E SIM							
STD3 460-943321/6 IC		8270E SIM							
STD2 460-943321/7 IC		8270E SIM							
STD1 460-943321/8 IC		8270E SIM							
ICIS 460-943321/9		8270E SIM		1 mL					
ICV 460-943321/10		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.: 480-215449-1

SDG No.:

Batch Number: 943321 Batch Start Date: 11/08/23 05:43 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 948564 Batch Start Date: 12/07/23 14:33 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SM_SIMICV_LVI 00036	SM_simSlviL1 00019	SM_simSlviL2 00019	SM_simSlviL3 00022	SM_simSlviL4 00018
DFTPP 460-948564/1		8270E SIM		1 mL					
ICIS 460-948564/2		8270E SIM		1 mL					
STD7 460-948564/3 IC		8270E SIM		1 mL					
STD6 460-948564/4 IC		8270E SIM		1 mL					
STD4 460-948564/5 IC		8270E SIM		1 mL					1 mL
STD3 460-948564/6 IC		8270E SIM		1 mL				1 mL	
STD2 460-948564/7 IC		8270E SIM		1 mL			1 mL		
STD1 460-948564/8 IC		8270E SIM		1 mL		1 mL			
ICV 460-948564/9		8270E SIM		1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_simSlviL5 00019	SM_simSlviL6 00020	SM_simSlviL7 00003	SMDFTP_CH 00035		
DFTPP 460-948564/1		8270E SIM					1 mL		
ICIS 460-948564/2		8270E SIM		1 mL					
STD7 460-948564/3 IC		8270E SIM				1 mL			
STD6 460-948564/4 IC		8270E SIM			1 mL				
STD4 460-948564/5 IC		8270E SIM							
STD3 460-948564/6 IC		8270E SIM							
STD2 460-948564/7 IC		8270E SIM							
STD1 460-948564/8 IC		8270E SIM							
ICV 460-948564/9		8270E SIM							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 948564 Batch Start Date: 12/07/23 14:33 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 949013 Batch Start Date: 12/09/23 10:47 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SIM SP 00030
MB 460-949013/1		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-949013/4		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
LCSD 460-949013/5		3510C, 8270E SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	50 uL
480-215449-A-1	MW-C11_20231204	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-2	MW-C12_20231204	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-3	MW-C16_20231204	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-4	MW-13S_20231204	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-5	MW-22S_20231204	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-6	MW-23S_20231205	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-7	MW-46S_20231205	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-8	MW-48S_20231205	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
480-215449-A-9	DUP-1_202312	3510C, 8270E SIM	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00027					
MB 460-949013/1		3510C, 8270E SIM		200 uL					
LCS 460-949013/4		3510C, 8270E SIM		20 uL					
LCSD 460-949013/5		3510C, 8270E SIM		20 uL					
480-215449-A-1	MW-C11_20231204	3510C, 8270E SIM	T	200 uL					
480-215449-A-2	MW-C12_20231204	3510C, 8270E SIM	T	200 uL					
480-215449-A-3	MW-C16_20231204	3510C, 8270E SIM	T	400 uL					
480-215449-A-4	MW-13S_20231204	3510C, 8270E SIM	T	200 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 480-215449-1

SDG No.:

Batch Number: 949013 Batch Start Date: 12/09/23 10:47 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00027					
480-215449-A-5	MW-22S_20231204	3510C, 8270E SIM	T	200 uL					
480-215449-A-6	MW-23S_20231205	3510C, 8270E SIM	T	200 uL					
480-215449-A-7	MW-46S_20231205	3510C, 8270E SIM	T	200 uL					
480-215449-A-8	MW-48S_20231205	3510C, 8270E SIM	T	200 uL					
480-215449-A-9	DUP-1_202312	3510C, 8270E SIM	T	200 uL					

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	224621
Base Used to Adjust pH ID	2212A21
Prep Solvent ID	Methylene Chloride: 23D2662005
Na2SO4 ID	225878
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21086154A
Batch Comment	BNA Water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-215449-1

SDG No.:

Project: NYSEG - Court Street OMM

Client Sample ID	Lab Sample ID
MW-C11_20231204	480-215449-1
MW-C12_20231204	480-215449-2
MW-C16_20231204	480-215449-3
MW-13S_20231204	480-215449-4
MW-22S_20231204	480-215449-5
MW-23S_20231205	480-215449-6
MW-46S_20231205	480-215449-7
MW-48S_20231205	480-215449-8
DUP-1_202312	480-215449-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C11_20231204 Lab Sample ID: 480-215449-1

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/04/2023 11:25

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.011	0.010	0.0041	mg/L		B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C12_20231204 Lab Sample ID: 480-215449-2

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/04/2023 12:15

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.016	0.010	0.0041	mg/L		B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-C16_20231204 Lab Sample ID: 480-215449-3

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/04/2023 10:25

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0074	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-13S_20231204 Lab Sample ID: 480-215449-4

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/04/2023 13:45

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0049	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-22S_20231204 Lab Sample ID: 480-215449-5

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/04/2023 14:45

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.96	0.050	0.021	mg/L			5	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-23S_20231205 Lab Sample ID: 480-215449-6

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/05/2023 09:05

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0082	0.010	0.0041	mg/L	J	B	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-46S_20231205 Lab Sample ID: 480-215449-7

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/05/2023 11:05

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0048	0.010	0.0041	mg/L	J	B ^2	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-48S_20231205 Lab Sample ID: 480-215449-8

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/05/2023 10:00

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0058	0.010	0.0041	mg/L	J	B ^2 F1	1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-1_202312 Lab Sample ID: 480-215449-9

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG ID.:

Matrix: Water Date Sampled: 12/05/2023 00:00

Reporting Basis: WET Date Received: 12/06/2023 12:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.0073	0.010	0.0041	mg/L	J	B ^2	1	9012B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Analyst: CLT Batch Start Date: 12/07/2023

Reporting Units: mg/L Analytical Batch No.: 694593

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	08:13	Cyanide, Total	0.253	0.250	101	90-110		WC_CN ICV_00168
16	ICB	08:15	Cyanide, Total	0.00500				J	
17	CCV	08:18	Cyanide, Total	0.251	0.250	100	90-110		WC_CN CCV/LCS_00263
18	CCB	08:20	Cyanide, Total	0.00430				J	
29	CCV	08:50	Cyanide, Total	0.252	0.250	101	90-110		WC_CN CCV/LCS_00263
30	CCB	08:52	Cyanide, Total	0.00630				J	
43	CCV	09:27	Cyanide, Total	0.239	0.250	95	90-110		WC_CN CCV/LCS_00263
44	CCB	09:30	Cyanide, Total	0.00710				J	
57	CCV	10:05	Cyanide, Total	0.238	0.250	95	90-110		WC_CN CCV/LCS_00263
58	CCB	10:07	Cyanide, Total	0.0105					

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.: 480-215449-1

SDG No.:

Analyst: CLT Batch Start Date: 12/11/2023

Reporting Units: mg/L Analytical Batch No.: 694983

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
15	ICV	08:05	Cyanide, Total	0.259	0.250	104	90-110		WC_CN ICV_00169
16	ICB	08:08	Cyanide, Total	0.010				U	
17	CCV	08:10	Cyanide, Total	0.260	0.250	104	90-110		WC_CN CCV/LCS_00265
18	CCB	08:13	Cyanide, Total	0.010				U	
29	CCV	08:42	Cyanide, Total	0.257	0.250	103	90-110		WC_CN CCV/LCS_00265
30	CCB	08:45	Cyanide, Total	0.010				U	
43	CCV	09:20	Cyanide, Total	0.253	0.250	101	90-110		WC_CN CCV/LCS_00265
44	CCB	09:22	Cyanide, Total	0.00670				J	
57	CCV	09:57	Cyanide, Total	0.254	0.250	101	90-110		WC_CN CCV/LCS_00265
58	CCB	10:00	Cyanide, Total	0.010				U	
71	CCV	10:36	Cyanide, Total	0.250	0.250	100	90-110		WC_CN CCV/LCS_00265
72	CCB	10:39	Cyanide, Total	0.010				U	
83	CCV	11:08	Cyanide, Total	0.258	0.250	103	90-110		WC_CN CCV/LCS_00265
84	CCB	11:11	Cyanide, Total	0.00460				J	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 694593 Date: 12/07/2023 09:39							
9012B	MB 480-694593/47	Cyanide, Total	0.00720	J	mg/L	0.010	1
Batch ID: 694983 Date: 12/11/2023 09:31							
9012B	MB 480-694983/47	Cyanide, Total	0.00420	J	mg/L	0.010	1
Batch ID: 694983 Date: 12/11/2023 10:48							
9012B	MB 480-694983/75	Cyanide, Total	0.010	U	mg/L	0.010	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 694593 Date: 12/07/2023 09:54											
9012B	480-215449-8	Cyanide, Total	0.0058	J	mg/L						B ^2 F1
9012B	480-215449-8 MS	Cyanide, Total	0.0936		mg/L	0.100	88	90-110			F1

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 694593 Date: 12/07/2023 09:57											
9012B	480-215449-8 MSD	Cyanide, Total	0.0970		mg/L	0.100	91	90-110	4	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.: 480-215449-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 694593 Date: 12/07/2023 08:34											
						LCS Source: WC_CN CCV/LCS_00263					
9012B	LCS 480-694593/23	Cyanide, Total	0.247		mg/L	0.250	99	90-110			
Batch ID: 694593 Date: 12/07/2023 09:40											
						LCS Source: WC_CN CCV/LCS_00263					
9012B	LCS 480-694593/48	Cyanide, Total	0.240		mg/L	0.250	96	90-110			
Batch ID: 694983 Date: 12/11/2023 08:26											
						LCS Source: WC_CN CCV/LCS_00265					
9012B	LCS 480-694983/23	Cyanide, Total	0.262		mg/L	0.250	105	90-110			
Batch ID: 694983 Date: 12/11/2023 10:49											
						LCS Source: WC_CN CCV/LCS_00265					
9012B	LCS 480-694983/76	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.: 480-215449-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 694593 Date: 12/07/2023 08:31											
						LCS Source: WC_CN 0.400_00172					
9012B	HLCS 480-694593/22	Cyanide, Total	0.406		mg/L	0.400	102	90-110			
Batch ID: 694983 Date: 12/11/2023 08:24											
						LCS Source: WC_CN 0.400_00173					
9012B	HLCS 480-694983/22	Cyanide, Total	0.412		mg/L	0.400	103	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: 480-215449-1

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: 480-215449-1

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.: 480-215449-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 12/07/2023 07:31 End Date: 12/07/2023 10:16

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			07:31																				
ZZZZZZ			07:36																				
ZZZZZZ			07:39																				
ZZZZZZ			07:42																				
IC 480-694593/5			07:44	X																			
IC 480-694593/6			07:47	X																			
IC 480-694593/7			07:49	X																			
IC 480-694593/8			07:52	X																			
IC 480-694593/9			07:56	X																			
IC 480-694593/10			07:59	X																			
IC 480-694593/11			08:02	X																			
IC 480-694593/12			08:04	X																			
ZZZZZZ			08:07																				
ZZZZZZ			08:10																				
ICV 480-694593/15	1		08:13	X																			
ICB 480-694593/16	1		08:15	X																			
CCV 480-694593/17	1		08:18	X																			
CCB 480-694593/18	1		08:20	X																			
ZZZZZZ			08:23																				
ZZZZZZ			08:26																				
ZZZZZZ			08:29																				
HLCS 480-694593/22	1	T	08:31	X																			
LCS 480-694593/23	1	T	08:34	X																			
ZZZZZZ			08:36																				
ZZZZZZ			08:39																				
ZZZZZZ			08:42																				
ZZZZZZ			08:44																				
ZZZZZZ			08:47																				
CCV 480-694593/29	1		08:50	X																			
CCB 480-694593/30	1		08:52	X																			
ZZZZZZ			08:55																				
ZZZZZZ			08:58																				
ZZZZZZ			09:01																				
ZZZZZZ			09:03																				
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:11																				
ZZZZZZ			09:14																				
480-215449-1	1	T	09:16	X																			
480-215449-2	1	T	09:19	X																			
480-215449-3	1	T	09:22	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 12/07/2023 07:31 End Date: 12/07/2023 10:16

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
480-215449-4	1	T	09:24	X																			
CCV 480-694593/43	1		09:27	X																			
CCB 480-694593/44	1		09:30	X																			
ZZZZZZ			09:32																				
ZZZZZZ			09:35																				
MB 480-694593/47	1	T	09:39	X																			
LCS 480-694593/48	1	T	09:40	X																			
ZZZZZZ			09:43																				
ZZZZZZ			09:46																				
480-215449-7	1	T	09:49	X																			
480-215449-8	1	T	09:51	X																			
480-215449-8 MS	1	T	09:54	X																			
480-215449-8 MSD	1	T	09:57	X																			
480-215449-9	1	T	09:59	X																			
ZZZZZZ			10:02																				
CCV 480-694593/57	1		10:05	X																			
CCB 480-694593/58	1		10:07	X																			
ZZZZZZ			10:10																				
ZZZZZZ			10:13																				
ZZZZZZ			10:16																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 12/11/2023 07:25 End Date: 12/11/2023 11:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			07:25																				
ZZZZZZ			07:30																				
ZZZZZZ			07:33																				
ZZZZZZ			07:37																				
IC 480-694983/5			07:38	X																			
IC 480-694983/6			07:41	X																			
IC 480-694983/7			07:44	X																			
IC 480-694983/8			07:46	X																			
IC 480-694983/9			07:49	X																			
IC 480-694983/10			07:52	X																			
IC 480-694983/11			07:54	X																			
IC 480-694983/12			07:57	X																			
ZZZZZZ			08:00																				
ZZZZZZ			08:03																				
ICV 480-694983/15	1		08:05	X																			
ICB 480-694983/16	1		08:08	X																			
CCV 480-694983/17	1		08:10	X																			
CCB 480-694983/18	1		08:13	X																			
ZZZZZZ			08:16																				
ZZZZZZ			08:19																				
ZZZZZZ			08:21																				
HLCS 480-694983/22	1	T	08:24	X																			
LCS 480-694983/23	1	T	08:26	X																			
ZZZZZZ			08:29																				
ZZZZZZ			08:32																				
ZZZZZZ			08:34																				
ZZZZZZ			08:37																				
480-215449-6	1	T	08:40	X																			
CCV 480-694983/29	1		08:42	X																			
CCB 480-694983/30	1		08:45	X																			
ZZZZZZ			08:48																				
ZZZZZZ			08:51																				
ZZZZZZ			08:53																				
ZZZZZZ			08:56																				
ZZZZZZ			08:58																				
ZZZZZZ			09:01																				
ZZZZZZ			09:04																				
ZZZZZZ			09:06																				
ZZZZZZ			09:09																				
ZZZZZZ			09:12																				
ZZZZZZ			09:14																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 12/11/2023 07:25 End Date: 12/11/2023 11:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			09:17																				
CCV 480-694983/43	1		09:20	X																			
CCB 480-694983/44	1		09:22	X																			
ZZZZZZ			09:25																				
ZZZZZZ			09:29																				
MB 480-694983/47	1	T	09:31	X																			
ZZZZZZ			09:33																				
ZZZZZZ			09:36																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:44																				
ZZZZZZ			09:47																				
ZZZZZZ			09:49																				
ZZZZZZ			09:52																				
ZZZZZZ			09:55																				
CCV 480-694983/57	1		09:57	X																			
CCB 480-694983/58	1		10:00	X																			
ZZZZZZ			10:02																				
ZZZZZZ			10:06																				
ZZZZZZ			10:08																				
ZZZZZZ			10:11																				
ZZZZZZ			10:13																				
ZZZZZZ			10:18																				
ZZZZZZ			10:20																				
ZZZZZZ			10:23																				
ZZZZZZ			10:25																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
CCV 480-694983/71	1		10:36	X																			
CCB 480-694983/72	1		10:39	X																			
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
MB 480-694983/75	1	T	10:48	X																			
LCS 480-694983/76	1	T	10:49	X																			
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:03																				
480-215449-5	5	T	11:05	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Instrument ID: Skalar_San+ Method: 9012B

Start Date: 12/11/2023 07:25 End Date: 12/11/2023 11:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
CCV 480-694983/83	1		11:08	X																			
CCB 480-694983/84	1		11:11	X																			
ZZZZZZ			11:13																				
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				

Prep Types
T = Total/NA

694593

CN Solutions-Skalar:

Distillation Reagent:	**7727661**	**Exp: 12/30/2023**
Diluent	**7732331**	**Exp: 01/05/2024**
Sodium Dihydrogen Phosphate Buffer	**7711883**	**Exp: 12/16/2023**
Pyridine Barbituric Acid –color reagent	**7722852**	**Exp: 12/22/2023**
Chloramine-T Solution	**7705445**	**Exp: 12/13/2023**
Sodium hydroxide solution	**7732350**	**Exp: 01/05/2024**
Digestion reagent	**7711884**	**Exp: 12/16/2023**
1M Sodium Hydroxide	**7727657**	**Exp: 12/30/2023**
50ppm INT STD	**7731815**	**Exp: 12/12/2023**
CN.25ppm CCV/LCS Std	**7734363**	**Exp: 12/08/2023**
50ppm INT 2nd source STD	**7731816**	**Exp: 12/12/2023**
0.400mg/L HLCS	**7734365**	**Exp: 12/08/2023**
0.100mg/L	**7734366**	**Exp: 12/08/2023**
0.01 mg/L CCVL	**7734367**	**Exp: 12/08/2023**
10ppm Complex-MS/MSD	**7731817**	**Exp: 12/12/2023**

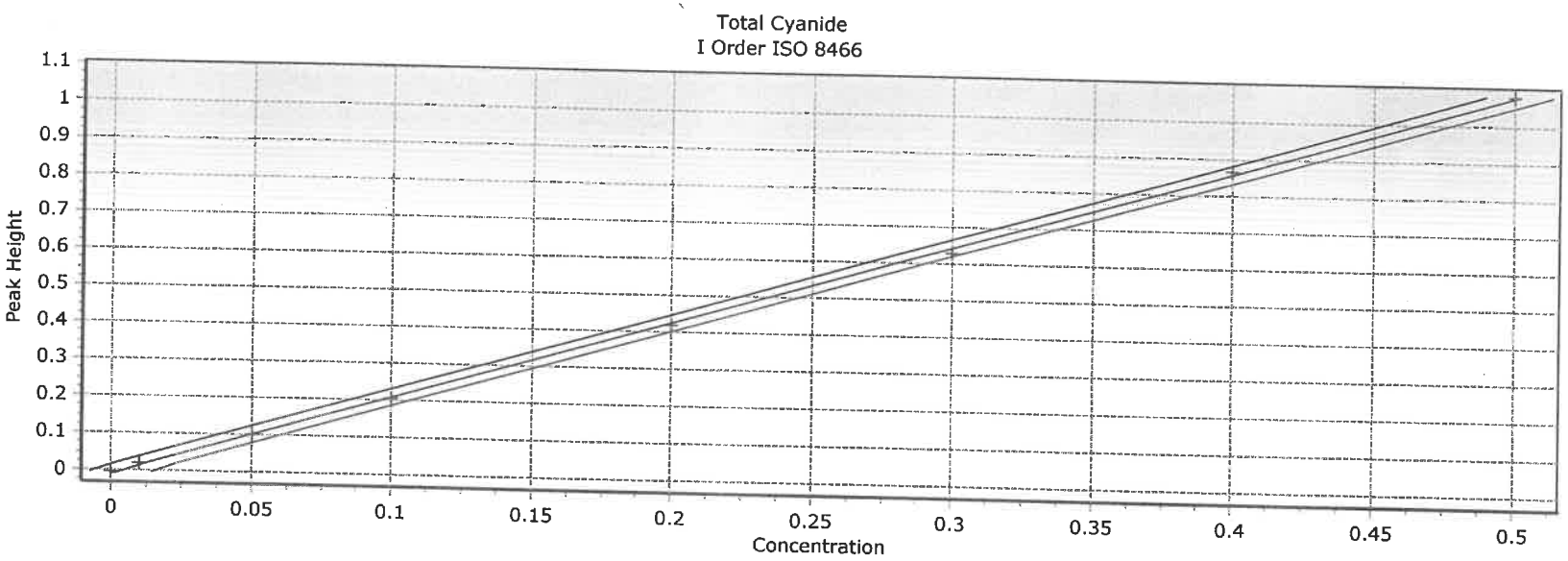
LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7731815
ICV (0.250 ppm): 7734368 Exp: 12/08/2023

694593

FlowAccessV3

Date:2023-12-07 10:21:50



a = -0.00946527717856 b = 2.16705559136743 RSD = 0.00860623284181

r = 0.99980957161898 R2 = 0.99961917950093 Detection Limit = 0.00872439063149306 Determination L

Run Name : TABUF20231207A1CN12072023, Run Db Ref : TABUF20231207A1

User Name : Administrator Operator Name : Administrator

694593

Run Name : TABUF20231207A1CN12072023A, Run Database Ref : TABUF20231207A1
DateTime :2023-12-07 07:18:32
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	Cyanide-Results [mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide - PeakPickingTime	Total Cyanide-
1	IW	IW	InitialWash		0.0044	0.0000	2023-12-07 07:	0.0044
2	ST8	T	Tracer		0.4917	1.0562	2023-12-07 07:	0.4917
3	ST8	D	Drift		0.4990	1.0719	2023-12-07 07:	0.4990
4	WT	W	Wash		0.0044	0.0000	2023-12-07 07:	0.0044
5	ST1	S1	0		0.0031	-0.0027	2023-12-07 07:	0.0031
6	ST2	S2	0.01		0.0123	0.0172	2023-12-07 07:	0.0123
7	ST3	S3	0.05		0.0495	0.0979	2023-12-07 07:	0.0495
8	ST4	S4	0.1		0.0982	0.2033	2023-12-07 07:	0.0982
9	ST5	S5	0.2		0.1974	0.4182	2023-12-07 07:	0.1974
10	ST6	S6	0.3		0.2931	0.6258	2023-12-07 07:	0.2931
11	ST7	S7	0.4		0.4041	0.8663	2023-12-07 08:	0.4041
12	ST8	S8	0.5		0.5022	1.0789	2023-12-07 08:	0.5022
13	ST8	D	Drift		0.5031	1.0808	2023-12-07 08:	0.5031
14	WT	W	Wash		0.0044	0.0000	2023-12-07 08:	0.0044
15	ST9	ICV	ICV		0.2529	0.5385	2023-12-07 08:	0.2529
16	ST1	ICB	ICB		0.0050	0.0013	2023-12-07 08:	0.0050
17	ST10	CCV	CCV		0.2509	0.5342	2023-12-07 08:	0.2509
18	ST11	CCB	CCB		0.0043	-0.0001	2023-12-07 08:	0.0043
19	ST8	D	Drift		0.4947	1.0626	2023-12-07 08:	0.4947
20	WT	W	Wash		0.0044	0.0000	2023-12-07 08:	0.0044
21	ST11	B	Blank		0.0038	-0.0013	2023-12-07 08:	0.0038
22	ST7	LCS	HLCS		0.4061	0.8705	2023-12-07 08:	0.4061
23	ST10	LCS	LCS		0.2471	0.5261	2023-12-07 08:	0.2471
24	ST2	CCV	CCVL		0.0141	0.0211	2023-12-07 08:	0.0141
25	A1	U	480-215417-c-2		0.0459	0.0900	2023-12-07 08:	0.0459
26	A2	U	MS 480-215417-c-2		0.1392	0.2921	2023-12-07 08:	0.1392
27	A3	U	480-215393-p-1		0.0744	0.1518	2023-12-07 08:	0.0744

DateTime :2023-12-07 10:22:33

12/14/2023

Run Name : TABUF20231207A1CN12072023A, Run Database Ref : TABUF20231207A1
DateTime :2023-12-07 07:18:32
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	Cyanide-Results [mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide - PeakPickingTime	Total Cyanide-
28	A4	U	480-215426-a-2		0.0621	0.1251	2023-12-07 08:	0.0621
29	ST10	CCV	CCV		0.2517	0.5360	2023-12-07 08:	0.2517
30	ST11	CCB	CCB		0.0063	0.0042	2023-12-07 08:	0.0063
31	ST8	D	DRIFT		0.5075	1.0903	2023-12-07 08:	0.5075
32	WT	W	WASH		0.0044	0.0000	2023-12-07 08:	0.0044
33	A5	U	480-215440-f-1		0.0039	-0.0010	2023-12-07 09:	0.0039
34	A6	U	480-215440-f-1 ms		0.0931	0.1922	2023-12-07 09:	0.0931
35	A7	U	480-215440-f-1 msd		0.0966	0.1998	2023-12-07 09:	0.0966
36	A8	U	480-215427-b-2		0.0641	0.1294	2023-12-07 09:	0.0641
37	A9	U	480-215432-d-6		0.1317	0.2760	2023-12-07 09:	0.1317
38	A10	U	620-15699-a-2		0.0301	0.0557	2023-12-07 09:	0.0301
39	A11	U	480-215449-c-1		0.0114	0.0152	2023-12-07 09:	0.0114
40	A12	U	480-215449-c-2		0.0162	0.0257	2023-12-07 09:	0.0162
41	A13	U	480-215449-c-3		0.0074	0.0065	2023-12-07 09:	0.0074
42	A14	U	480-215449-c-4		0.0049	0.0011	2023-12-07 09:	0.0049
43	ST10	CCV	CCV		0.2387	0.5077	2023-12-07 09:	0.2387
44	ST11	CCB	CCB		0.0071	0.0060	2023-12-07 09:	0.0071
45	ST8	D	DRIFT		0.5119	1.0999	2023-12-07 09:	0.5119
46	WT	W	Wash		0.0044	0.0000	2023-12-07 09:	0.0044
47	ST11	B	MB		0.0072	0.0062	2023-12-07 09:	0.0072
48	ST10	LCS	LCS		0.2403	0.5112	2023-12-07 09:	0.2403
49	A15	U	480-215449-c-5		0.9411	2.0301	2023-12-07 09:	0.9411
50	A16	U	480-215449-c-6		0.0118	0.0162	2023-12-07 09:	0.0118
51	A17	U	480-215449-c-7		0.0048	0.0010	2023-12-07 09:	0.0048
52	A18	U	480-215449-c-8		0.0058	0.0031	2023-12-07 09:	0.0058
53	A19	U	480-215449-c-8 ms		0.0936	0.1933	2023-12-07 09:	0.0936
54	A20	U	480-215449-c-8 msd		0.0970	0.2007	2023-12-07 09:	0.0970

Run Name : TABUF20231207A1CN12072023A, Run Database Ref : TABUF20231207A1
DateTime :2023-12-07 07:18:32
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	Cyanide-Results [mg/l CN]	Total Cyanide-Corrected Height	Total Cyanide - PeakPickingTime	Total Cyanide-
55	A21	U	480-215449-c-9		0.0073	0.0065	2023-12-07 09:	0.0073
56	A22	U	480-215440-f-2		0.0040	-0.0007	2023-12-07 10:	0.0040
57	ST10	CCV	CCV		0.2379	0.5062	2023-12-07 10:	0.2379
58	ST11	CCB	CCB		0.0105	0.0133	2023-12-07 10:	0.0105
59	ST12	D	DRIFT		0.4925	1.0578	2023-12-07 10:	0.4925
60	WT	W	WASH		0.0044	0.0000	2023-12-07 10:	0.0044
61	E	E	EndRun		0.0044	0.0000	2023-12-07 10:	0.0044

Historical Data Summary Report

For Batch 694593

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits
480-215393-P-1	LEACHATE	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.074	☐	0.001 - 0.104	☐	0.019 - 0.094
480-215417-C-2	GRAB	335.4_NP	Cyanide, Total	Total/NA	mg/L	1	1.0000	0.046	☑	0.019 - 0.019	☑	0.015 - 0.023
480-215426-A-2	MONTHLY LEACHA	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.062	☐	0.026 - 0.111	☐	0.038 - 0.118
480-215427-B-2	PS-SS1 GRAB	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.064	☐	0.039 - 0.094	☐	0.038 - 0.094

694983

CN Solutions-Skalar:

Distillation Reagent:	**7727661**	**Exp: 12/30/2023**
Diluent	**7732331**	**Exp: 01/05/2024**
Sodium Dihydrogen Phosphate Buffer	**7711883**	**Exp: 12/16/2023**
Pyridine Barbituric Acid –color reagent	**7722852**	**Exp: 12/22/2023**
Chloramine-T Solution	**7705445**	**Exp: 12/13/2023**
Sodium hydroxide solution	**7732350**	**Exp: 01/05/2024**
Digestion reagent	**7711884**	**Exp: 12/16/2023**
1M Sodium Hydroxide	**7727657**	**Exp: 12/30/2023**
50ppm INT STD	**7738080**	**Exp: 12/15/2023**
CN.25ppm CCV/LCS Std	**7738187**	**Exp: 12/12/2023**
50ppm INT 2nd source STD	**7738081**	**Exp: 12/15/2023**
0.400mg/L HLCS	**7738188**	**Exp: 12/12/2023**
0.100mg/L	**7738189**	**Exp: 12/12/2023**
0.01 mg/L CCVL	**7738190**	**Exp: 12/1/2023**
10ppm Complex-MS/MSD	**7738082**	**Exp: 12/15/2023**

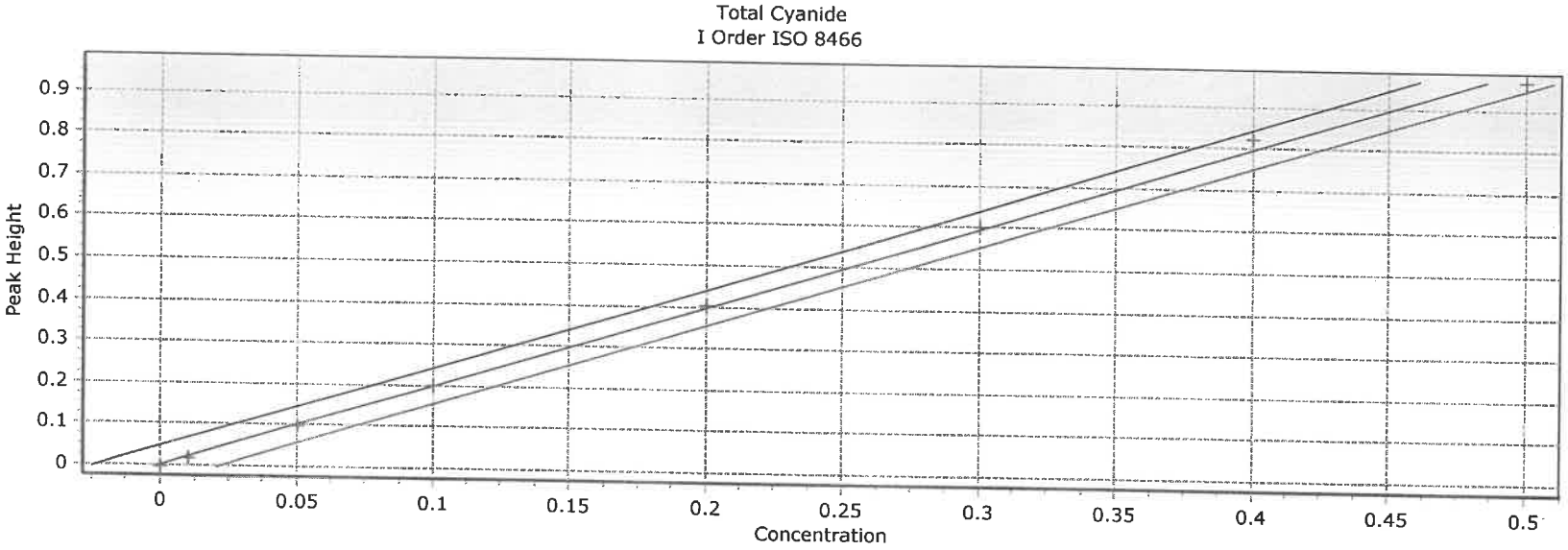
LCS = 0.4mg/L, 0.25mg/L
CCV = 0.25mg/L
MS/MSD = 0.1mg/L

Cyanide Curve Skalar : Daily
Curve Standard (50 ppm): 7738080
ICV (0.250 ppm): 7738210 Exp: 12/12/2023

694983

FlowAccessV3

Date:2023-12-11 11:34:41



a = 0.00041314541873 b = 1.98660024817065 RSD = 0.01640673830199

r = 0.99917727067647 R2 = 0.99835521823649 Detection Limit = 0.0181427797711503 Determination Lir

Run Name : TABUF20231211A1CN12112023, Run Db Ref : TABUF20231211A1

User Name : Administrator Operator Name : Administrator

694983

FlowAccessV3 Results Report

Run Name : TABUF20231211A1CN12112023A, Run Database Ref : TABUF20231211A1
DateTime :2023-12-11 07:12:24
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/LCN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
1	IW	IW	InitialWash		1.0000	-0.0002	0.0000	2023-12-11 07:25:00	-0.0002
2	ST8	T	Tracer		1.0000	0.5041	1.0019	2023-12-11 07:30:00	0.5041
3	ST8	D	Drift		1.0000	0.5105	1.0145	2023-12-11 07:33:00	0.5105
4	WT	W	Wash		1.0000	-0.0002	0.0000	2023-12-11 07:37:00	-0.0002
5	ST1	S1	0		1.0000	-0.0024	-0.0043	2023-12-11 07:38:00	-0.0024
6	ST2	S2	0.01		1.0000	0.0075	0.0153	2023-12-11 07:41:00	0.0075
7	ST3	S3	0.05		1.0000	0.0479	0.0956	2023-12-11 07:44:00	0.0479
8	ST4	S4	0.1		1.0000	0.1007	0.2005	2023-12-11 07:46:00	0.1007
9	ST5	S5	0.2		1.0000	0.2034	0.4046	2023-12-11 07:49:00	0.2034
10	ST6	S6	0.3		1.0000	0.3037	0.6037	2023-12-11 07:52:00	0.3037
11	ST7	S7	0.4		1.0000	0.4131	0.8211	2023-12-11 07:54:00	0.4131
12	ST8	S8	0.5		1.0000	0.4860	0.9660	2023-12-11 07:57:00	0.4860
13	ST8	D	Drift		1.0000	0.5293	1.0519	2023-12-11 08:00:00	0.5293
14	WT	W	Wash		1.0000	-0.0002	0.0000	2023-12-11 08:03:00	-0.0002
15	ST9	ICV	ICV		1.0000	0.2589	0.5147	2023-12-11 08:05:00	0.2589
16	ST1	ICB	ICB		1.0000	0.0001	0.0006	2023-12-11 08:08:00	0.0001
17	ST10	CCV	CCV		1.0000	0.2602	0.5173	2023-12-11 08:10:00	0.2602
18	ST11	CCB	CCB		1.0000	-0.0001	0.0002	2023-12-11 08:13:00	-0.0001
19	ST8	D	Drift		1.0000	0.5120	1.0176	2023-12-11 08:16:00	0.5120
20	WT	W	Wash		1.0000	-0.0002	0.0000	2023-12-11 08:19:00	-0.0002
21	ST11	B	Blank		1.0000	-0.0008	-0.0011	2023-12-11 08:21:00	-0.0008
22	ST7	LCS	HLCS		1.0000	0.4119	0.8188	2023-12-11 08:24:00	0.4119
23	ST10	LCS	LCS		1.0000	0.2624	0.5217	2023-12-11 08:26:00	0.2624
24	ST2	CCV	CCVL		1.0000	0.0100	0.0203	2023-12-11 08:29:00	0.0100
25	A1	U	480-215447-g-1		1.0000	0.1234	0.2455	2023-12-11 08:32:00	0.1234
26	A2	U	480-215449-c-5		1.0000	1.0213	2.0294	2023-12-11 08:34:00	1.0213
27	A3	U	MS 480-215449-c-5		1.0000	1.1008	2.1873	2023-12-11 08:37:00	1.1008

DateTime :2023-12-11 11:35:38

12/14/2023

FlowAccessV3 Results Report

Run Name : TABUF20231211A1CN12112023A, Run Database Ref : TABUF20231211A1
DateTime :2023-12-11 07:12:24
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide - CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
28	A4	U	480-215449-c-6		1.0000	0.0082	0.0167	2023-12-11 08:40:00	0.0082
29	ST10	CCV	CCV		1.0000	0.2574	0.5118	2023-12-11 08:42:00	0.2574
30	ST11	CCB	CCB		1.0000	0.0011	0.0026	2023-12-11 08:45:00	0.0011
31	ST8	D	DRIFT		1.0000	0.5250	1.0434	2023-12-11 08:48:00	0.5250
32	WT	W	WASH		1.0000	-0.0002	0.0000	2023-12-11 08:51:00	-0.0002
33	A5	U	480-215480-f-1		1.0000	0.0013	0.0031	2023-12-11 08:53:00	0.0013
34	A6	U	DU 480-215480-f-1		1.0000	-0.0004	-0.0004	2023-12-11 08:56:00	-0.0004
35	A7	U	MS 480-215480-f-1		1.0000	0.0965	0.1921	2023-12-11 08:58:00	0.0965
36	A8	U	480-215480-f-2		1.0000	0.0001	0.0007	2023-12-11 09:01:00	0.0001
37	A9	U	480-215480-f-3		1.0000	-0.0003	-0.0002	2023-12-11 09:04:00	-0.0003
38	A10	U	480-215480-f-4		1.0000	-0.0005	-0.0006	2023-12-11 09:06:00	-0.0005
39	A11	U	480-215480-f-5		1.0000	-0.0004	-0.0004	2023-12-11 09:09:00	-0.0004
40	A12	U	480-215480-f-6		1.0000	-0.0003	-0.0002	2023-12-11 09:12:00	-0.0003
41	A13	U	480-215482-i-1		1.0000	0.0040	0.0084	2023-12-11 09:14:00	0.0040
42	A14	U	480-215505-b-1		1.0000	0.0024	0.0052	2023-12-11 09:17:00	0.0024
43	ST10	CCV	CCV		1.0000	0.2534	0.5038	2023-12-11 09:20:00	0.2534
44	ST11	CCB	CCB		1.0000	0.0067	0.0137	2023-12-11 09:22:00	0.0067
45	ST8	D	DRIFT		1.0000	0.5134	1.0204	2023-12-11 09:25:00	0.5134
46	WT	W	Wash		1.0000	-0.0002	0.0000	2023-12-11 09:29:00	-0.0002
47	ST11	B	MB		1.0000	0.0042	0.0087	2023-12-11 09:31:00	0.0042
48	ST10	LCS	LCS		1.0000	0.2654	0.5276	2023-12-11 09:33:00	0.2654
49	A15	U	480-215528-f-1		1.0000	0.0029	0.0061	2023-12-11 09:36:00	0.0029
50	A16	U	MS 480-215528-f-1		1.0000	0.0946	0.1883	2023-12-11 09:39:00	0.0946
51	A17	U	480-215511-d-6		1.0000	0.0738	0.1470	2023-12-11 09:41:00	0.0738
52	A18	U	480-215565-d-6		1.0000	0.0900	0.1793	2023-12-11 09:44:00	0.0900
53	A19	U	480-215528-f-2		1.0000	0.0009	0.0021	2023-12-11 09:47:00	0.0009
54	A20	U	480-215528-f-3		1.0000	-0.0002	0.0000	2023-12-11 09:49:00	-0.0002

DateTime :2023-12-11 11:35:38

Run Name : TABUF20231211A1CN12112023A, Run Database Ref : TABUF20231211A1
DateTime :2023-12-11 07:12:24
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide - CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
55	A21	U	480-215528-f-4		1.0000	-0.0009	-0.0014	2023-12-11 09:52:00	-0.0009
56	A22	U	480-215535-l-1		1.0000	0.0299	0.0598	2023-12-11 09:55:00	0.0299
57	ST10	CCV	CCV		1.0000	0.2535	0.5041	2023-12-11 09:57:00	0.2535
58	ST11	CCB	CCB		1.0000	0.0019	0.0042	2023-12-11 10:00:00	0.0019
59	ST12	D	DRIFT		1.0000	0.5605	1.1139	2023-12-11 10:02:00	0.5605
60	WT	W	WASH		1.0000	-0.0002	0.0000	2023-12-11 10:06:00	-0.0002
61	A23	U	480-215535-l-2		1.0000	0.0542	0.1081	2023-12-11 10:08:00	0.0542
62	A24	U	480-215539-o-1		1.0000	0.0067	0.0137	2023-12-11 10:11:00	0.0067
63	A25	U	DU 480-215539-o-1		1.0000	0.0033	0.0069	2023-12-11 10:13:00	0.0033
64	A26	U	MS 480-215539-o-1		1.0000	0.0994	0.1979	2023-12-11 10:18:00	0.0994
65	A27	U	480-215540-e-1		1.0000	0.0728	0.1451	2023-12-11 10:20:00	0.0728
66	A28	U	480-215540-e-2		1.0000	0.0789	0.1571	2023-12-11 10:23:00	0.0789
67	A29	U	480-215540-e-3		1.0000	0.1051	0.2092	2023-12-11 10:25:00	0.1051
68	A30	U	480-215540-e-4		1.0000	0.0346	0.0691	2023-12-11 10:28:00	0.0346
69	A31	U	480-215540-e-5		1.0000	0.1441	0.2866	2023-12-11 10:31:00	0.1441
70	A32	U	480-215540-e-6		1.0000	0.0314	0.0629	2023-12-11 10:33:00	0.0314
71	ST13	CCV	CCV		1.0000	0.2502	0.4976	2023-12-11 10:36:00	0.2502
72	ST14	CCB	CCB		1.0000	0.0007	0.0017	2023-12-11 10:39:00	0.0007
73	ST15	D	DRIFT		1.0000	0.5413	1.0757	2023-12-11 10:41:00	0.5413
74	WT	W	WASH		1.0000	-0.0002	0.0000	2023-12-11 10:44:00	-0.0002
75	ST14	B	MB		1.0000	-0.0001	0.0003	2023-12-11 10:48:00	-0.0001
76	ST13	LCS	LCS		1.0000	0.2527	0.5024	2023-12-11 10:49:00	0.2527
77	A33	U	480-215576-f-1		1.0000	0.0000	0.0005	2023-12-11 10:52:00	0.0000
78	A34	U	DU 480-215576-f-1		1.0000	-0.0008	-0.0012	2023-12-11 10:55:00	-0.0008
79	A35	U	MS 480-215576-f-1		1.0000	0.0741	0.1476	2023-12-11 10:57:00	0.0741
80	A36	U	480-215576-f-2		1.0000	0.0014	0.0032	2023-12-11 11:00:00	0.0014
81	A37	U	480-215576-f-3		1.0000	-0.0006	-0.0008	2023-12-11 11:03:00	-0.0006

FlowAccessV3 Results Report

Run Name : TABUF20231211A1CN12112023A, Run Database Ref : TABUF20231211A1
DateTime :2023-12-11 07:12:24
User Name : Administrator Operator Name : Administrator

	Position	SampleType	SampleIdentity	Comments	External Dilution	Total Cyanide-Results [mg/L CN]	Total Cyanide-CorrectedHeight	Total Cyanide-PeakPickingTime	Total Cyanide-RawResults
82	A38	U	480-215449-c-5	2ml→10ml	5.0000	0.9555	0.3801	2023-12-11 11:05:00	0.1911
83	ST13	CCV	CCV		1.0000	0.2577	0.5123	2023-12-11 11:08:00	0.2577
84	ST14	CCB	CCB		1.0000	0.0046	0.0095	2023-12-11 11:11:00	0.0046
85	ST15	D	DRIFT		1.0000	0.5395	1.0722	2023-12-11 11:13:00	0.5395
86	WT	W	WASH		1.0000	-0.0002	0.0000	2023-12-11 11:16:00	-0.0002
87	E	E	EndRun		1.0000	-0.0002	0.0000	2023-12-11 11:20:00	-0.0002

Historical Data Summary Report

For Batch 694983

Lab Sample ID	Client Sample	Method	Analyte	Prep Type	Unit	Data Points	Dilution	Result	Fail	3-Sigma Limits	Fail	Client Limits	
480-215535-L-1	INFLUENT	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.030	☐	0 - 0.084	☐	0 - 0.065	
480-215535-L-2	Outfall 001	335.4_NP	Cyanide, Total	Total/NA	mg/L	8	1.0000	0.054	☐	0 - 0.073	☐	0 - 0.055	
480-215539-O-1	MW-10SR	9012B_NP	Cyanide, Total	Total/NA	mg/L	2	1.0000	ND	☐	0 - 0.012	☑	0.002 - 0.004	OK
480-215540-E-1	LST05	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.073	☐	0 - 0.157	☐	0.023 - 0.132	
480-215540-E-2	LST06	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.079	☐	0 - 0.169	☐	0 - 0.132	
480-215540-E-3	MH01	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.11	☑	0 - 0.047	☑	0 - 0.038	leachate
480-215540-E-4	MH03U	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.035	☐	0 - 0.081	☐	0.005 - 0.082	
480-215540-E-5	TANK07	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.14	☐	0 - 0.299	☐	0.01 - 0.252	
480-215540-E-6	TANK08	335.4_NP	Cyanide	Total/NA	mg/L	8	1.0000	0.031	☐	0.027 - 0.146	☑	0.04 - 0.144	leachate

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-215449-1

SDG No.:

Batch Number: 694593 Batch Start Date: 12/07/23 07:31 Batch Analyst: Thomas, Christine L

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	10ppm CN MS 00370	WC_CN 0.400 00172	WC_CN CCV/LCS 00263	WC_CN ICV 00168
ICV 480-694593/15		9012B		10 mL	10 mL				# mL
ICB 480-694593/16		9012B		10 mL	10 mL				
CCV 480-694593/17		9012B		10 mL	10 mL			# mL	
CCB 480-694593/18		9012B		10 mL	10 mL				
HLCS 480-694593/22		9012B		10 mL	10 mL		# mL		
LCS 480-694593/23		9012B		10 mL	10 mL			# mL	
CCV 480-694593/29		9012B		10 mL	10 mL			# mL	
CCB 480-694593/30		9012B		10 mL	10 mL				
480-215449-C-1	MW-C11_20231204	9012B	T	10 mL	10 mL				
480-215449-C-2	MW-C12_20231204	9012B	T	10 mL	10 mL				
480-215449-C-3	MW-C16_20231204	9012B	T	10 mL	10 mL				
480-215449-C-4	MW-13S_20231204	9012B	T	10 mL	10 mL				
CCV 480-694593/43		9012B		10 mL	10 mL			# mL	
CCB 480-694593/44		9012B		10 mL	10 mL				
MB 480-694593/47		9012B		10 mL	10 mL				
LCS 480-694593/48		9012B		10 mL	10 mL			# mL	
480-215449-C-7	MW-46S_20231205	9012B	T	10 mL	10 mL				
480-215449-C-8	MW-48S_20231205	9012B	T	10 mL	10 mL				
480-215449-C-8 MS	MW-48S_20231205 MS	9012B	T	10 mL	10 mL	100 uL			
480-215449-C-8 MSD	MW-48S_20231205 MSD	9012B	T	10 mL	10 mL	100 uL			
480-215449-C-9	DUP-1_202312	9012B	T	10 mL	10 mL				
CCV 480-694593/57		9012B		10 mL	10 mL			# mL	
CCB 480-694593/58		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.: 480-215449-1

SDG No.:

Batch Number: 694593 Batch Start Date: 12/07/23 07:31 Batch Analyst: Thomas, Christine L

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.: 480-215449-1

SDG No.:

Batch Number: 694983 Batch Start Date: 12/11/23 07:25 Batch Analyst: Thomas, Christine L

Batch Method: 9012B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC_CN 0.400 00173	WC_CN CCV/LCS 00265	WC_CN ICV 00169	
ICV 480-694983/15		9012B		10 mL	10 mL			# mL	
ICB 480-694983/16		9012B		10 mL	10 mL				
CCV 480-694983/17		9012B		10 mL	10 mL		# mL		
CCB 480-694983/18		9012B		10 mL	10 mL				
HLCS 480-694983/22		9012B		10 mL	10 mL	# mL			
LCS 480-694983/23		9012B		10 mL	10 mL		# mL		
480-215449-C-6	MW-23S_20231205	9012B	T	10 mL	10 mL				
CCV 480-694983/29		9012B		10 mL	10 mL		# mL		
CCB 480-694983/30		9012B		10 mL	10 mL				
CCV 480-694983/43		9012B		10 mL	10 mL		# mL		
CCB 480-694983/44		9012B		10 mL	10 mL				
MB 480-694983/47		9012B		10 mL	10 mL				
CCV 480-694983/57		9012B		10 mL	10 mL		# mL		
CCB 480-694983/58		9012B		10 mL	10 mL				
CCV 480-694983/71		9012B		10 mL	10 mL		# mL		
CCB 480-694983/72		9012B		10 mL	10 mL				
MB 480-694983/75		9012B		10 mL	10 mL				
LCS 480-694983/76		9012B		10 mL	10 mL		# mL		
480-215449-C-5	MW-22S_20231204	9012B	T	10 mL	10 mL				
CCV 480-694983/83		9012B		10 mL	10 mL		# mL		
CCB 480-694983/84		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.: 480-215449-1

SDG No.:

Batch Number: 694983 Batch Start Date: 12/11/23 07:25 Batch Analyst: Thomas, Christine L

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.

Subcontract Data

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse eurofins Environment Testing

#225

Client Information	Sampler: Gunther J. Schnorr	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-190707-39287.1
Client Contact: Mr. Gunther Schnorr	Phone: 315.558.1590	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 2
Company: D&B Engineers and Architects, P.C.	PWSID:	Analysis Requested		Job #:
Address: 5879 Fisher Road PO BOX 56	Due Date Requested: Standard TAT			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone: 315-437-1142(Tel)	PO #: 5811			Other:
Email: gschnorr@db-eng.com	WO #:			
Project Name: NYSEG - Court Street OMM	Project #: 48026495			
Site: Send results to Labdata@db-eng.com	SSOW#:			

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 * 2 methods	8260C - BTEX	9012B - Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	B		
MW-C11_20231204	12/4/23	1125	G	Water	N	N	X	X	X	6	
MW-C12_20231204	12/4/23	1215		Water		N				6	
MW-C16-20231204	12/4/23	1025		Water		N					
MW-135_20231204	12/4/23	1345		Water		N					
MW-225_20231204	12/4/23	1415		Water		N					
MW-235_20231205	12/5/23	0905		Water		N					
MW-465_20231205	12/5/23	1105		Water		N					
MW-485-20231205	12/5/23	1000		Water		Y				6	
DUP-1_202312	12/2023	0000		Water		N				18	*MS/MSD
Trip Blank	12/2023	0000		Water		N				6	
				Water						3	Lab Supplied

480-215449 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 CAT B Deliverables (IV)

Special Instructions/QC Requirements: 8270E & 8270E-SIM for Select Analytes!

Empty Kit Relinquished by: ____ Date: ____ Time: ____ Method of Shipment: ____

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	12/5/2023 1400	D&B	R. English	12-5-23, 1400	Eye
	12-5-23, 1800	Eye		12/6/23 1000	FA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.8 2.4 # IR

Ver: 06/08/2021

12/14/2023

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Schove John R	Carrier Tracking No(s):	COC No: 480-84409 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 #: 480-215449-1
Address: 777 New Durham Road,	Due Date Requested: 12/19/2023			
City: Edison	TAT Requested (days):			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email	WO #:			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-C11_20231204 (480-215449-1)	12/4/23	11:25 Eastern		Water			X	X	2	
MW-C12_20231204 (480-215449-2)	12/4/23	12:15 Eastern		Water			X	X	2	
MW-C16_20231204 (480-215449-3)	12/4/23	10:25 Eastern		Water			X	X	2	
MW-13S_20231204 (480-215449-4)	12/4/23	13:45 Eastern		Water			X	X	2	
MW-22S_20231204 (480-215449-5)	12/4/23	14:45 Eastern		Water			X	X	2	
MW-23S_20231205 (480-215449-6)	12/5/23	09:05 Eastern		Water			X	X	2	
MW-46S_20231205 (480-215449-7)	12/5/23	11:05 Eastern		Water			X	X	2	
MW-48S_20231205 (480-215449-8)	12/5/23	10:00 Eastern		Water			X	X	2	
MW-48S_20231205 MS (480-215449-8MS)	12/5/23	10:00 Eastern	MS	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[illegible]	12/7/23 1744	TA	Bleto	12/8/23 11:30	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

IR: 9.1-C 11.2C

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove John R	Carrier Tracking No(s):	COC No: 480-84409.2
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 #: 480-215449-1
Address: 777 New Durham Road,	Due Date Requested: 12/19/2023			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: NYSEG Court Street OMM	Project #: 48026495			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3510C_LVI PAHs	8270E_SIM/3510C_LVI PAH SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-48S_20231205 MSD (480-215449-8MSD)	12/5/23	10:00 Eastern	MSD	Water			X	X	2	
DUP-1_202312 (480-215449-9)	12/5/23	Eastern		Water			X	X	2	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Northeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mackenzie Lovelo	12/7/23 1700	EA	Blake	12/8/23 11:30	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

7.2 1.9 1.1c 1.2c

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: D&B Engineers and Architects, P.C.

Job Number: 480-215449-1

Login Number: 215449
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: 480-215449-1

Login Number: 215449
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 12/08/23 12:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT C

Data Usability Summary Report

DUSR

The December 2023 sampling event for Ithaca Court Street Site included the collection of 15 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 480-215449 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 below the QC limit in the MSD for benzene associated with the dilution for samples MW-46S and DUP-1. Benzene was qualified as estimated (J) in dilution samples MW-46S and DUP-1.
- Benzene exceeded the calibration range in the original samples MW-46S and DUP-1 and was reanalyzed at a secondary dilution. The dilutions were reported for benzene in samples MW-46S and DUP-1 which were qualified “D”.
- The %R was above the QC limit in the LCS duplicate for benzo(a)pyrene associated with all samples. Benzo(a)pyrene was qualified as estimated (J) in samples MW-C16, MW-22S, DUP-1, and MW-46S.
- Cyanide was detected in the method blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S. The B qualifier was removed from the cyanide result in samples MW-22S.
- The %R was below the QC limits in the MS for cyanide. It was qualified as estimated (J/UJ) in all samples.

Based on the findings of the data validation process, all results are deemed valid and usable for environmental assessment purposes as qualified above.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION CHECKLIST

Project Name:	Ithaca Court Street
Project Number:	5811-03B
Sample Date(s):	December 4 and 5, 2023
Sample Team:	Gunther Schnorr
Matrix/Number of Samples:	Water/ 8 Field Duplicates/ 1 Trip Blanks / 1 Field Blanks/ 0
Analyzing Laboratory:	Eurofins Environment Testing, Amherst, NY
Analyses:	Volatile Organic Compounds (VOCs): BTEX by SW846 8260C Semi Volatile Organic Compounds (SVOCs): by SW846 8270E and 8270E SIM General Chemistry: Cyanide (USEPA 9012B)
Laboratory Report No:	480-215449 Date: 12/14/2023

ANALYTICAL DATA PACKLAGE DOCUMENTATION GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of Organic Data Review, November 2020 or USEPA National Functional Guidelines of Inorganic Data Review, November 2020, method performance criteria, and D&B Engineers and Architects, P.C. professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

D&B ENGINEERS AND ARCHITECTS

Custody Numbers:480-215449
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Sample Collection Date	Parent Sample	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-C11	480-215449-1	12/4/2023		X	X			X
MW-C12	480-215449-2	12/4/2023		X	X			X
MW-C16	480-215449-3	12/4/2023		X	X			X
MW-13S	480-215449-4	12/4/2023		X	X			X
MW-22S	480-215449-5	12/4/2023		X	X			X
MW-23S	480-215449-6	12/5/2023		X	X			X
MW-46S	480-215449-7	12/5/2023		X	X			X
MW-48S	480-215449-8	12/5/2023		X	X			X
DUP-1	480-215449-9	12/5/2023	MW-46S	X	X			X
TRIP BLANK	480-215449-10	12/5/2023		X				

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks		X		X	
C. Field blanks					X
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Field duplicates RPD		X		X	

VOCs - volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable except the following:

4. The %R was below the QC limit in the MSD for benzene and ethylene benzene associated with the dilution for samples MW-46S and DUP-1. Benzene was qualified as estimated (J) in dilution samples MW-46S and DUP-1.

12. Benzene exceeded the calibration range in the original samples MW-46S and DUP-1 and was reanalyzed at a secondary dilution. The dilutions were reported for benzene in samples MW-46S and DUP-1 which were qualified "D".

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
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable, except the following:

6. The %R was above the QC limit in the LCS duplicate for benzo(a)pyrene associated with all samples. Benzo(a)pyrene was qualified as estimated (J) in samples MW-C16, MW-22S, DUP-1, and MW-46S.

INORGANIC ANALYSES
GENERAL CHEMISTRY

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Holding times		X		X	
2. Blanks					
A. Laboratory blanks		X	X		
B. Field blanks					X
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. HLCS %R		X		X	
6. Laboratory spike %R		X		X	
7. Laboratory duplicate RPD		X		X	
8. Matrix spike and matrix spike duplicate %R		X	X		
9. Field duplicates RPD		X		X	

%R percent recovery RPD - relative percent difference %D – percent difference
RSD - relative standard deviation

Comments:
Performance was acceptable, except the following:

2A. Cyanide was detected in the method blanks. Cyanide was qualified as non-detect (UB) in all samples except for MW-22S. The B qualifier was removed from the cyanide result in samples MW-22S.

8. The %R was below the QC limits in the MS for cyanide. It was qualified as estimated (J/UJ) in all samples.

D&B ENGINEERS AND ARCHITECTS

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-215449

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
Dilutions for MW-46S and DUP-1	Benzene	J	The %R was below the QC limit in the MSD
MW-46S and DUP-1	Benzene	D	Exceeded the calibration range in the original samples, reanalyzed and reported at a secondary dilution
SVOCs			
MW-C16, MW-22S, DUP-1, and MW-46S	Benzo(a)pyrene	J	The %R was above the QC limit in the LCS
General Chemistry			
All samples except for MW-22S	Cyanide	UB	Detected in the method blanks.
MW-22S		B qualifier removed	
All samples	Cyanide	J/UJ	The %R was below the QC limits in the MS

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 1/30/2024
VALIDATION PERFORMED BY SIGNATURE: